

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
 Data File : BF112068.D
 Acq On : 16 Jan 2019 15:46
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:07:52 PM

Quant Time: Jan 16 17:15:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	257833	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	976404	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	485787	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	949229	20.00	ng	0.00
76) Chrysene-d12	14.03	240	838981	20.00	ng	0.00
87) Perylene-d12	15.50	264	770086	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	767363	50.92	ng	0.00
7) Phenol-d6	6.50	99	951795	49.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	742808	40.66	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	289257	45.78	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1739788	52.22	ng	0.00
79) Terphenyl-d14	12.97	244	2059285	46.59	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	174448	26.473	ng	99
3) Pyridine	3.38	79	456931	26.752	ng	99
4) n-Nitrosodimethylamine	3.32	42	170980	20.120	ng	# 98
6) Aniline	6.52	93	583964	24.864	ng	99
8) 2-Chlorophenol	6.65	128	443018	26.473	ng	96
9) Benzaldehyde	6.41	77	290440	23.905	ng	98
10) Phenol	6.52	94	521140	24.685	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	402187	24.625	ng	99
12) 1,3-Dichlorobenzene	6.80	146	496488	25.592	ng	100
13) 1,4-Dichlorobenzene	6.88	146	510549	25.934	ng	100
14) 1,2-Dichlorobenzene	7.03	146	477763	25.388	ng	98
15) Benzyl Alcohol	7.00	79	353309	22.988	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	596723	21.429	ng	99
17) 2-Methylphenol	7.12	107	329112	24.470	ng	99
18) Hexachloroethane	7.37	117	169539	24.665	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	297252	23.553	ng	99
20) 3+4-Methylphenols	7.27	107	422827	25.260	ng	# 76
22) Acetophenone	7.27	105	591057	23.911	ng	# 99
24) Nitrobenzene	7.44	77	396543	21.457	ng	99
25) Isophorone	7.68	82	690194	23.330	ng	98
26) 2-Nitrophenol	7.76	139	161248	17.720	ng	93
27) 2,4-Dimethylphenol	7.80	122	329602	25.051	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	485696	24.596	ng	97
29) 2,4-Dichlorophenol	8.00	162	365531	24.161	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	418040	25.047	ng	99
31) Naphthalene	8.17	128	1184079	25.546	ng	98
32) Benzoic acid	7.90	122	99576m	11.663	ng	
33) 4-Chloroaniline	8.22	127	520850	25.995	ng	99
34) Hexachlorobutadiene	8.29	225	232878	22.413	ng	99
35) Caprolactam	8.57	113	127595	25.813	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	350229	23.283	ng	96
37) 2-Methylnaphthalene	8.86	142	799382	27.833	ng	100
38) 1-Methylnaphthalene	8.96	142	766506	27.825	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	407361	26.303	ng	100

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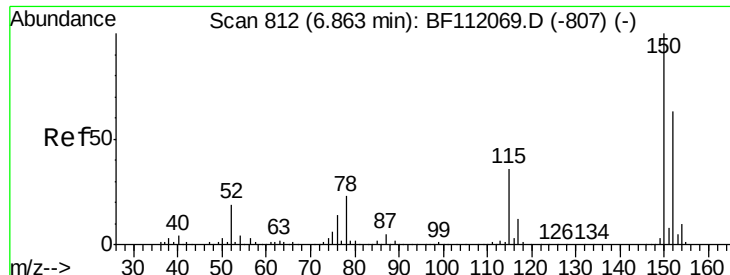
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	113080	12.628	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	244003	23.229	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	261831	23.791	nq	98
46) 1,1'-Biphenyl	9.32	154	1084462	26.688	nq	98
47) 2-Chloronaphthalene	9.35	162	831216	26.064	nq	98
48) 2-Nitroaniline	9.44	65	174446	17.891	nq	88
49) Acenaphthylene	9.76	152	1229724	26.081	nq	98
50) Dimethylphthalate	9.62	163	913276	25.026	nq	99
51) 2,6-Dinitrotoluene	9.68	165	174240	21.352	nq	92
52) Acenaphthene	9.93	154	751028	24.708	nq	100
53) 3-Nitroaniline	9.85	138	198251	22.685	nq #	93
54) 2,4-Dinitrophenol	9.96	184	25597	7.408	nq	99
55) Dibenzofuran	10.10	168	1140772	25.806	nq	98
56) 4-Nitrophenol	10.02	139	117134	18.969	nq	95
57) 2,4-Dinitrotoluene	10.09	165	201466	19.106	nq	94
58) Fluorene	10.45	166	853278	26.527	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	200376	21.609	nq	98
60) Diethylphthalate	10.32	149	923112	26.139	nq	100
61) 4-Chlorophenyl-phenylether	10.44	204	464851	25.771	nq	97
62) 4-Nitroaniline	10.46	138	198465	23.943	nq	99
63) Azobenzene	10.60	77	870694	25.809	nq	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	65578	11.196	nq	93
66) n-Nitrosodiphenylamine	10.56	169	817041	25.650	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	286251	23.283	nq	96
68) Hexachlorobenzene	11.00	284	307041	22.534	nq	96
69) Atrazine	11.08	200	266753	23.835	nq	99
70) Pentachlorophenol	11.20	266	110304	14.226	nq	99
71) Phenanthrene	11.41	178	1260487	24.837	nq	99
72) Anthracene	11.46	178	1284012	24.923	nq	99
73) Carbazole	11.62	167	1295164	25.845	nq	99
74) Di-n-butylphthalate	11.94	149	1469021	25.237	nq	98
75) Fluoranthene	12.60	202	1351086	25.933	nq	98
77) Benzidine	12.72	184	709930	28.319	nq	97
78) Pyrene	12.83	202	1407475	24.381	nq	99
80) Butylbenzylphthalate	13.44	149	630561	25.837	nq	92
81) Benzo(a)anthracene	14.02	228	1255888	26.010	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	499777	28.037	nq #	98
83) Chrysene	14.06	228	1185398	25.748	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	907845	28.325	nq #	98
85) Di-n-octyl phthalate	14.61	149	1445572	31.516	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1025801	30.563	nq	100
88) Benzo(b)fluoranthene	15.07	252	1136648	24.674	nq	99
89) Benzo(k)fluoranthene	15.10	252	1115091	25.752	nq	99
90) Benzo(a)pyrene	15.44	252	1031921	25.477	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	874444	26.842	nq	98
92) Benzo(g,h,i)perylene	17.43	276	821966	25.796	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

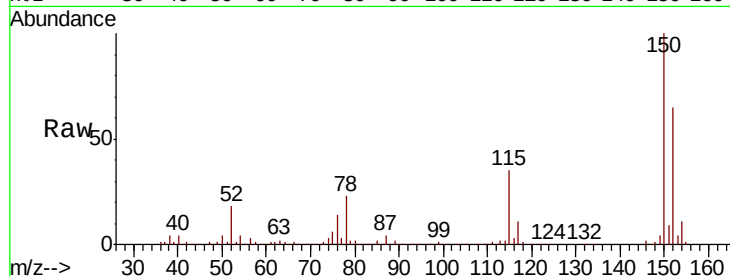
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.4	191.0
115	54.2	45.5	68.3

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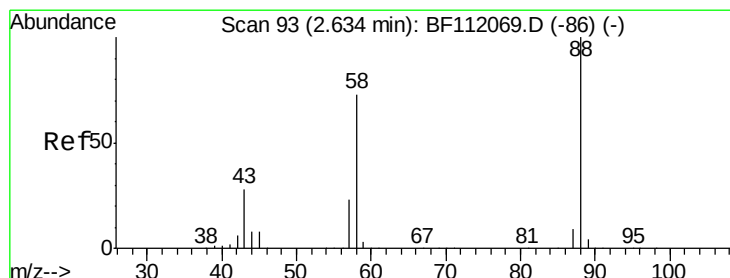
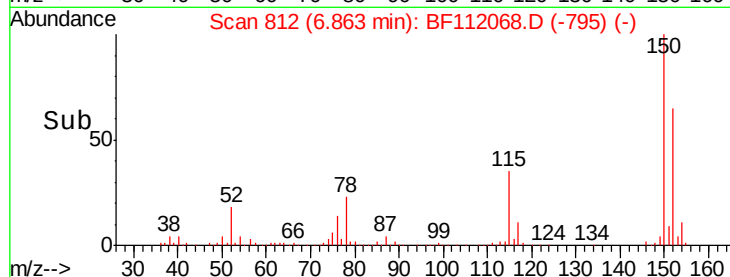
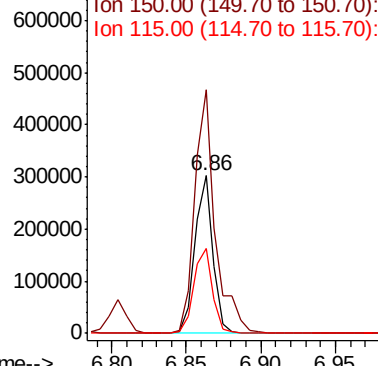


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

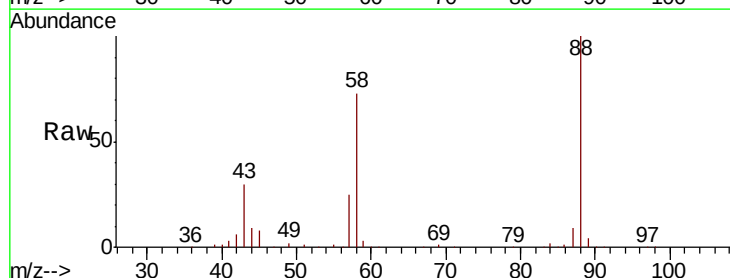
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.473 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	57.4	86.2
43	27.4	22.2	33.4

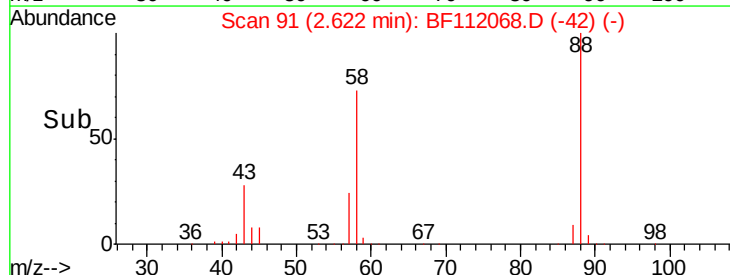
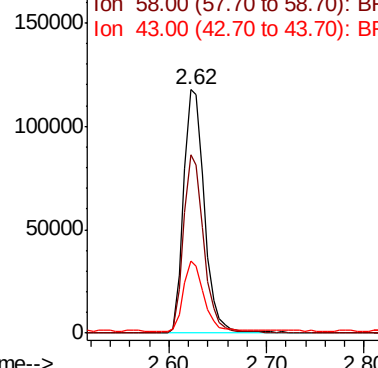


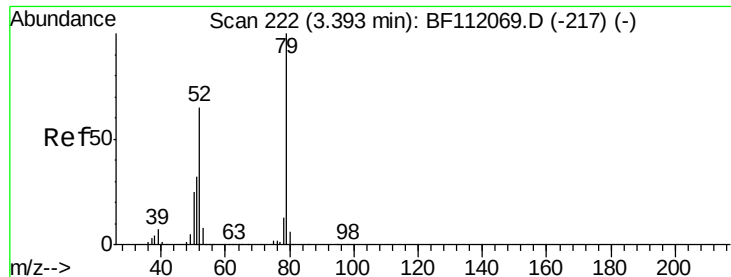
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.752 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

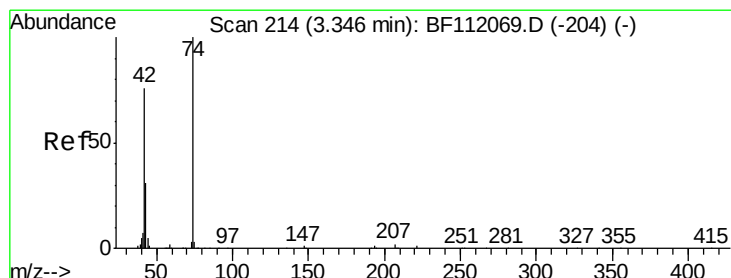
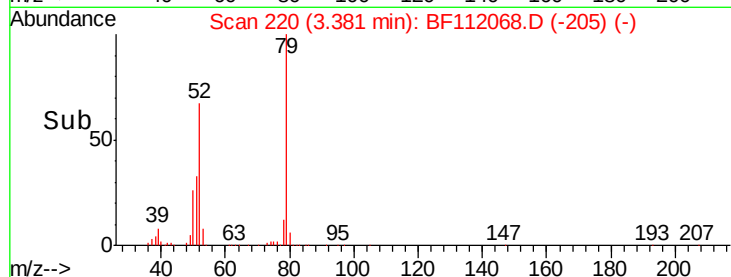
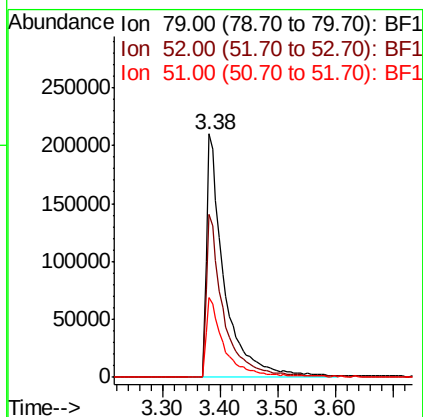
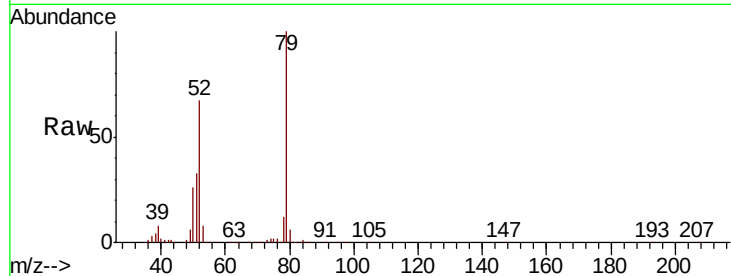
ClientSampled :

SSTDIC025

Tot Ion:	79	Resp:	456931
Ion Ratio	Lower	Upper	
79	100		
52	66.8	52.4	78.6
51	32.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 20.120 ng

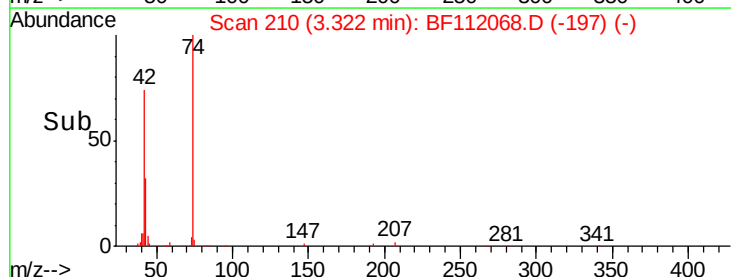
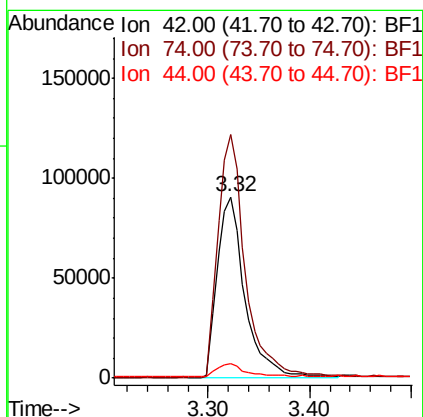
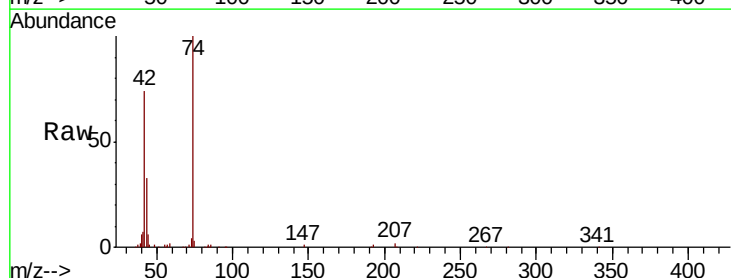
RT: 3.32 min Scan# 210

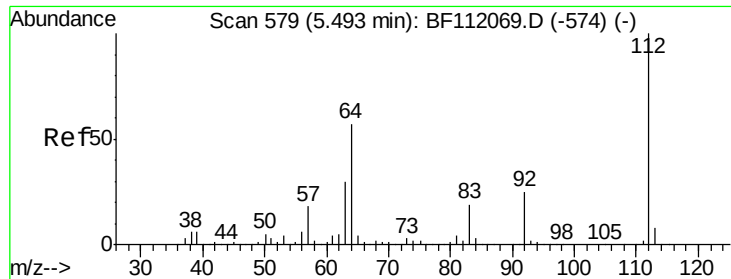
Delta R.T. -0.02 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	42	Resp:	170980
Ion Ratio	Lower	Upper	
42	100		
74	134.4	105.6	158.4
44	8.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 50.917 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

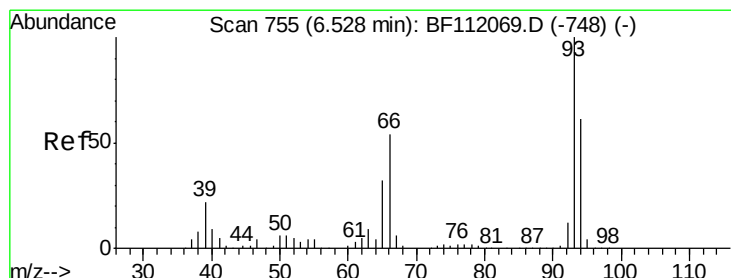
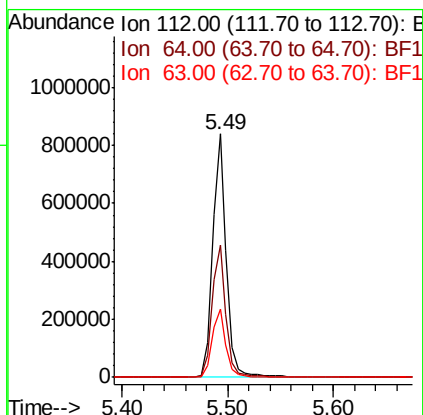
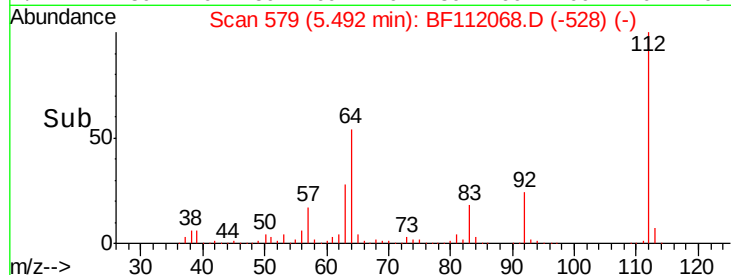
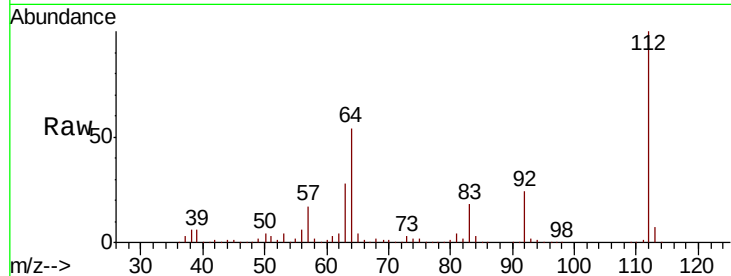
ClientSampled :

SSTDIC025

Tot Ion:	112	Resp:	767363
Ion Ratio	Lower	Upper	
112	100		
64	54.4	45.7	68.5
63	27.9	23.6	35.4

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1/17/2019 2:07:52 PM



#6

Aniline

Concen: 24.864 ng

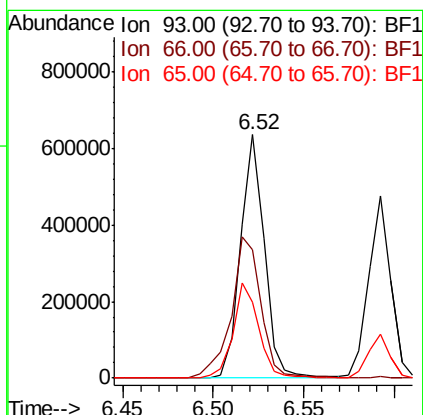
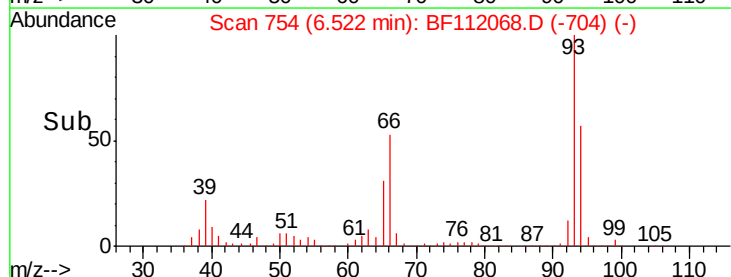
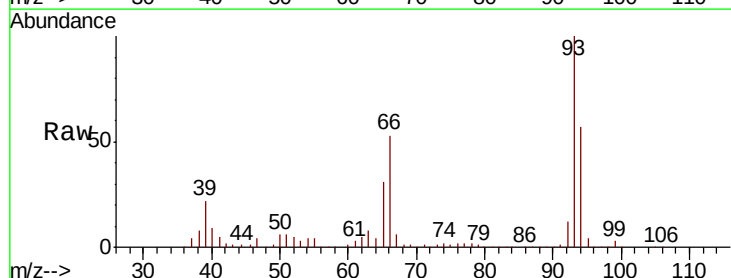
RT: 6.52 min Scan# 754

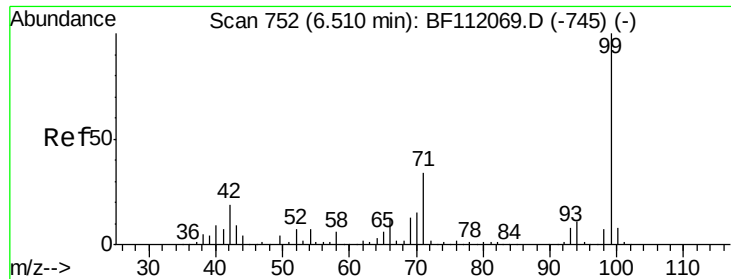
Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	93	Resp:	583964
Ion Ratio	Lower	Upper	
93	100		
66	52.9	43.4	65.2
65	31.4	25.3	37.9





#7

Phenol-d6

Concen: 49.000 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

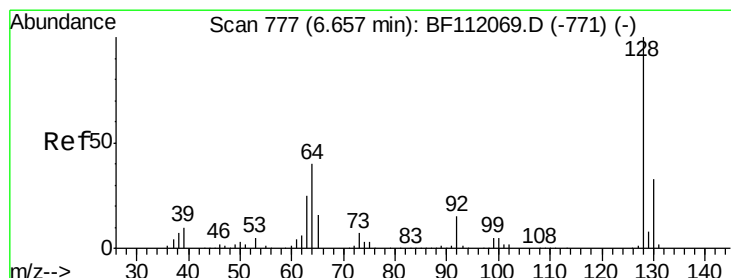
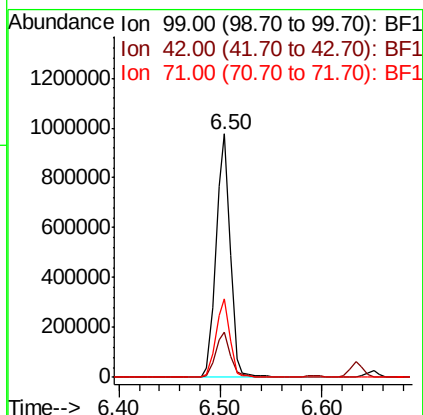
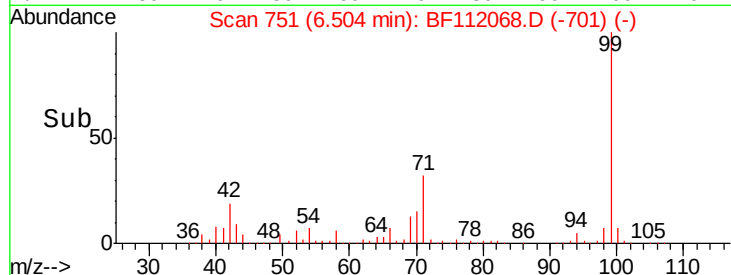
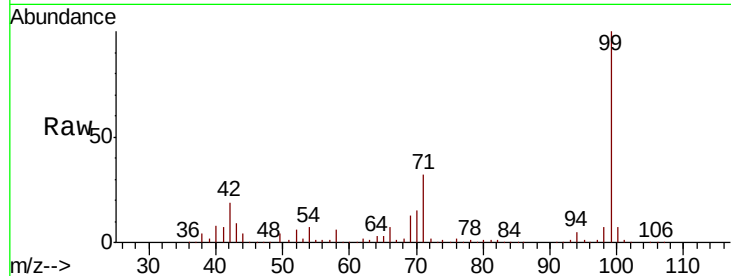
ClientSampleId :

SSTDIC025

Tot Ion:	99	Resp:	951795
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.1	22.7
71	32.4	26.9	40.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 26.473 ng

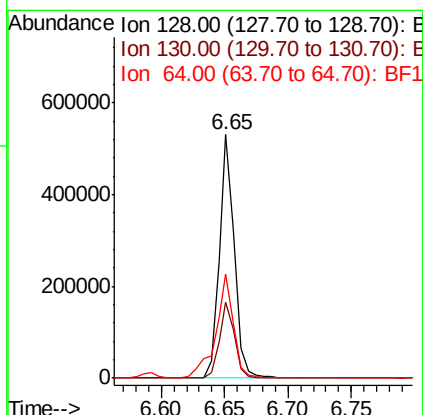
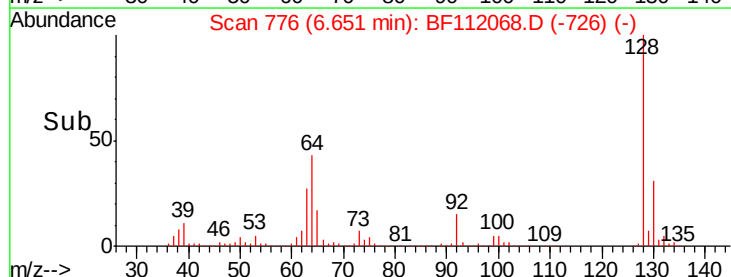
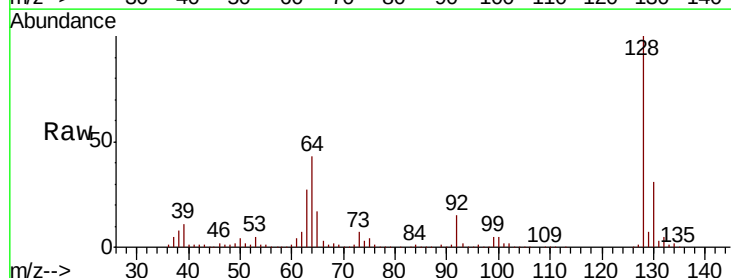
RT: 6.65 min Scan# 776

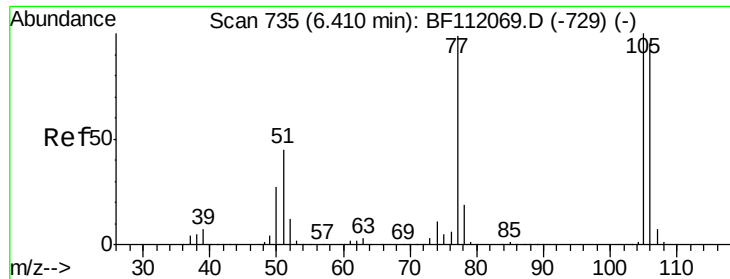
Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	128	Resp:	443018
Ion Ratio	Lower	Upper	
128	100		
130	31.4	13.4	53.4
64	42.9	20.5	60.5





#9

Benzaldehyde

Concen: 23.905 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 77 Resp: 290440

Ion Ratio Lower Upper

77 100

105 102.7 80.8 120.8

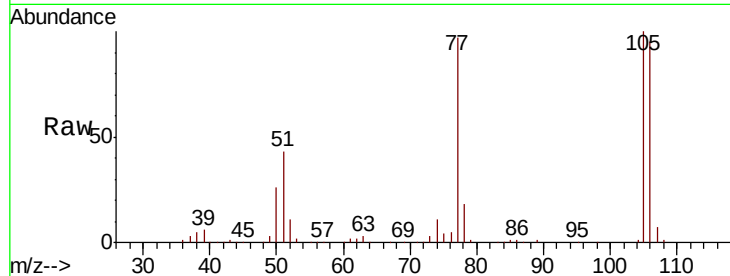
106 97.5 75.7 115.7

Manual Integrations

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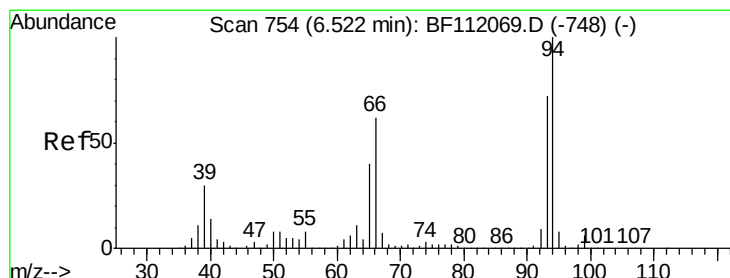
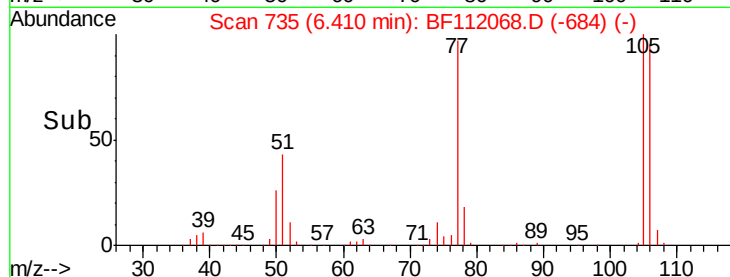
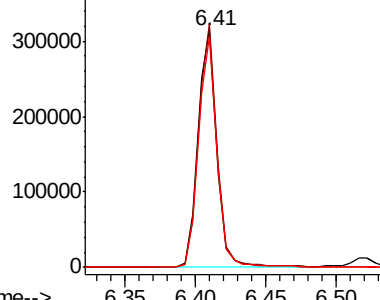
1/17/2019 2:07:52 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 24.685 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

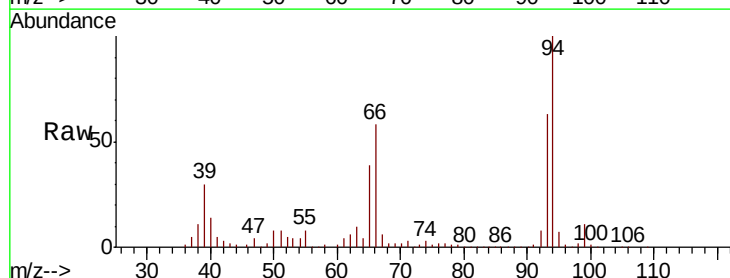
Tgt Ion: 94 Resp: 521140

Ion Ratio Lower Upper

94 100

65 38.8 20.3 60.3

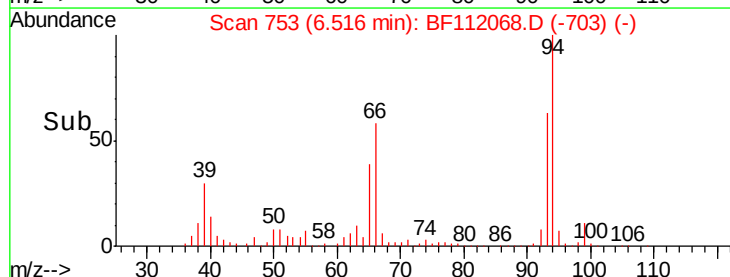
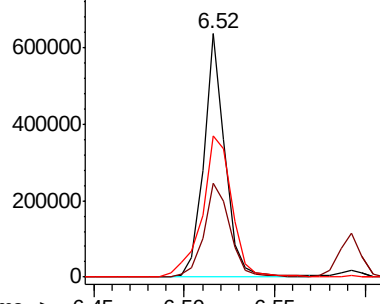
66 58.0 42.4 82.4

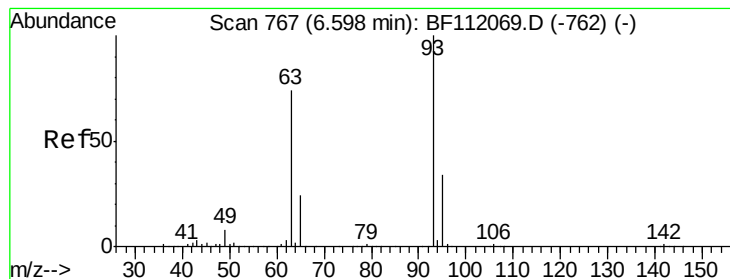


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





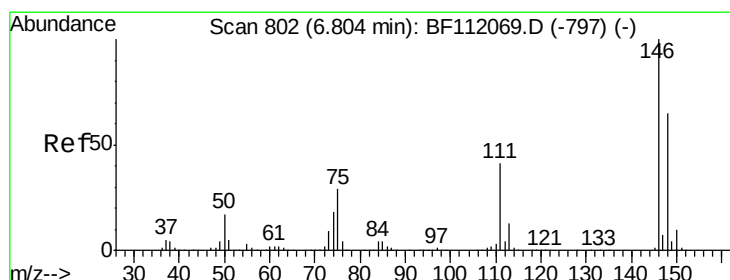
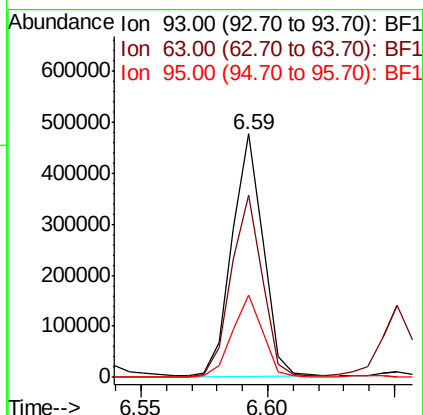
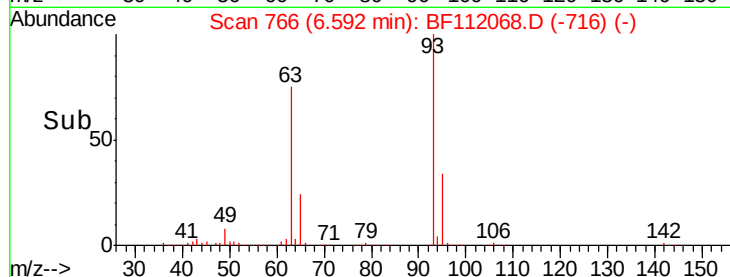
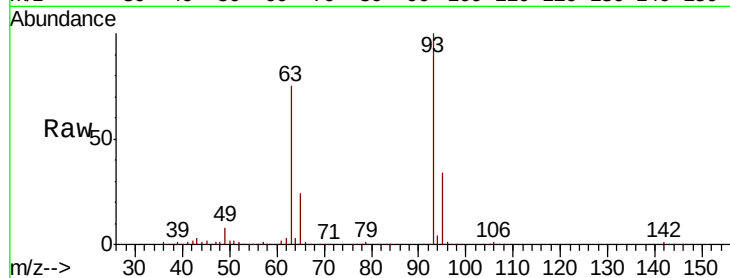
#11
bis(2-Chloroethyl)ether
Concen: 24.625 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	53.3	93.3
95	33.6	13.4	53.4

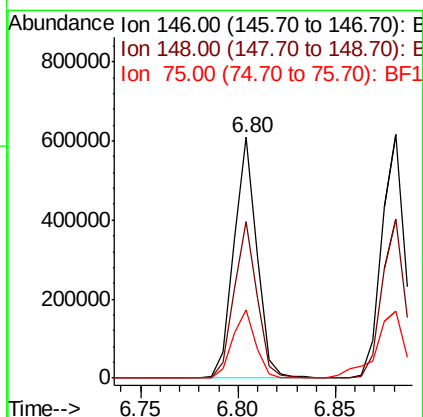
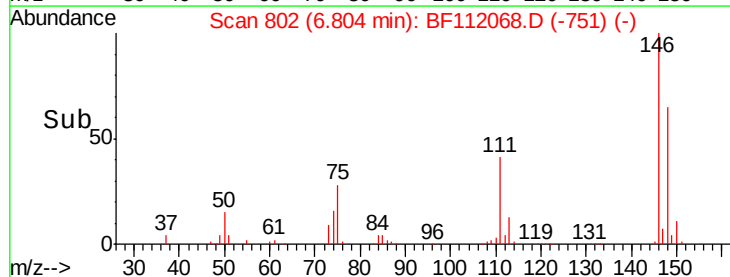
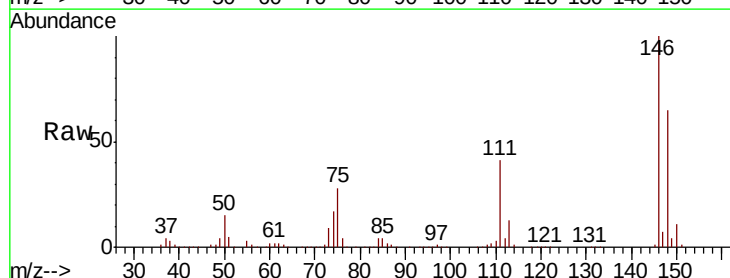
Manual Integrations
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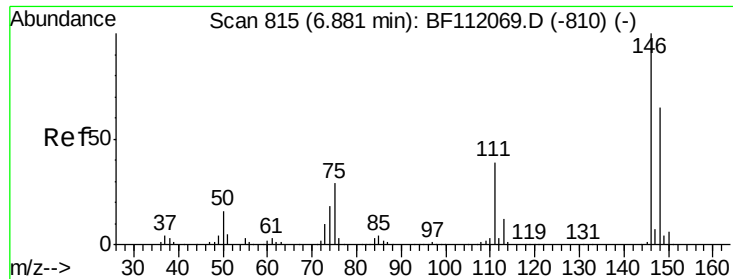
Sohil
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#12
1,3-Dichlorobenzene
Concen: 25.592 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	28.5	23.1	34.7





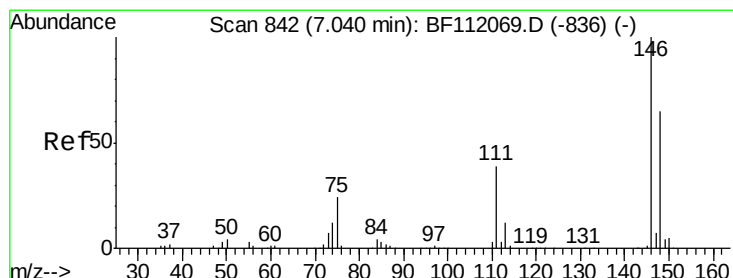
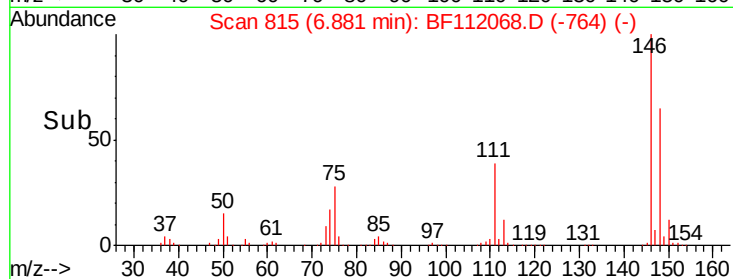
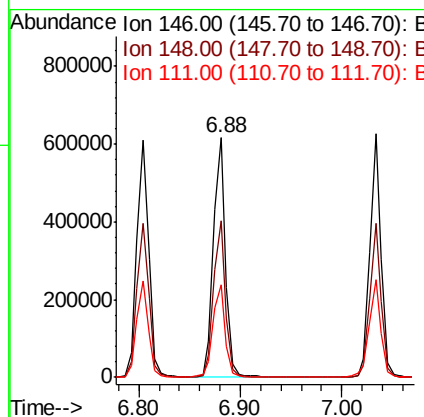
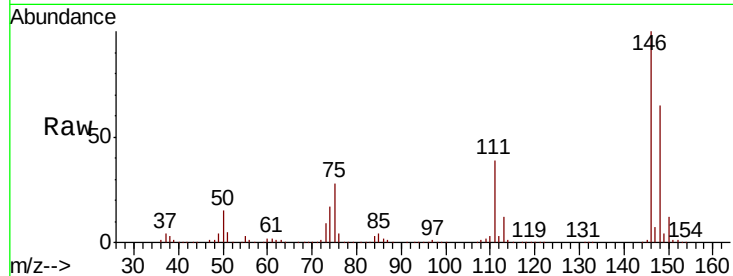
#13
 1,4-Dichlorobenzene
 Concen: 25.934 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	38.6	31.2	46.8

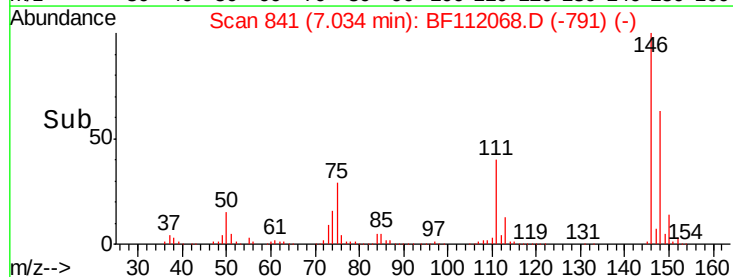
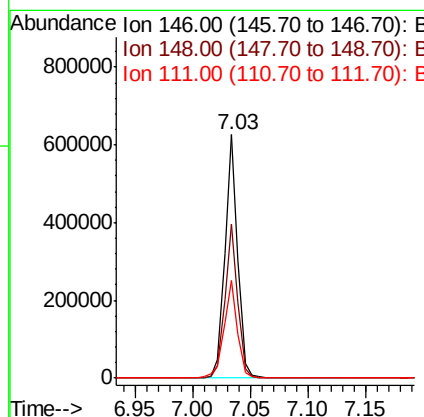
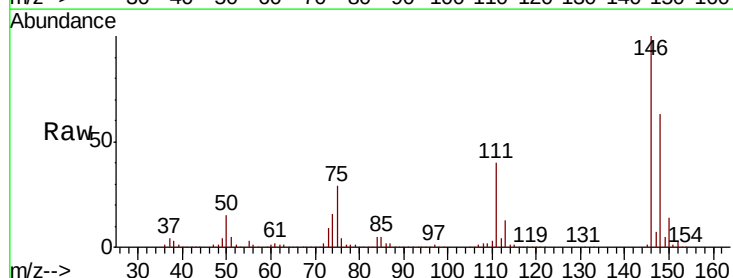
Manual Integrations
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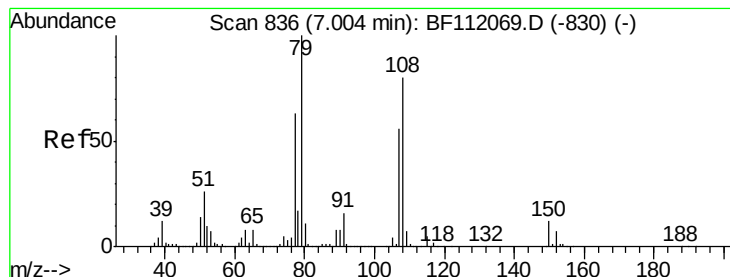
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 25.388 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.4
111	40.2	31.2	46.8





#15

Benzyl Alcohol

Concen: 22.988 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

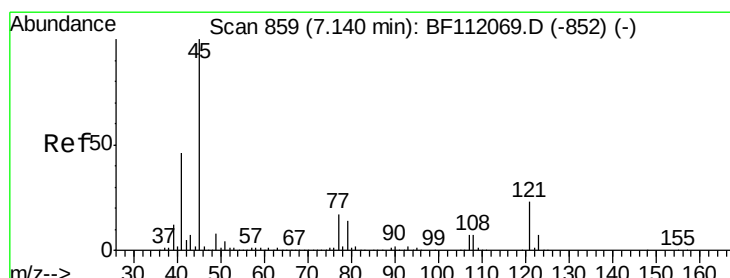
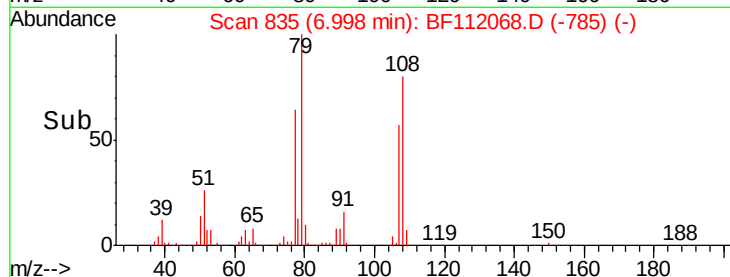
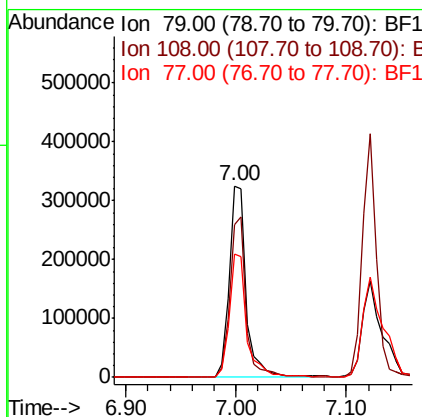
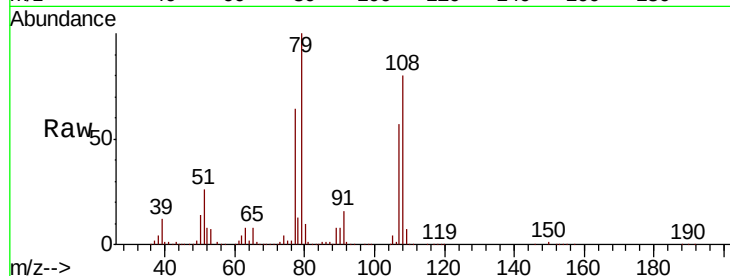
ClientSampled :

SSTDIC025

Tot Ion:	79	Resp:	353309
Ion Ratio	Lower	Upper	
79	100		
108	79.9	64.2	96.2
77	64.5	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 21.429 ng

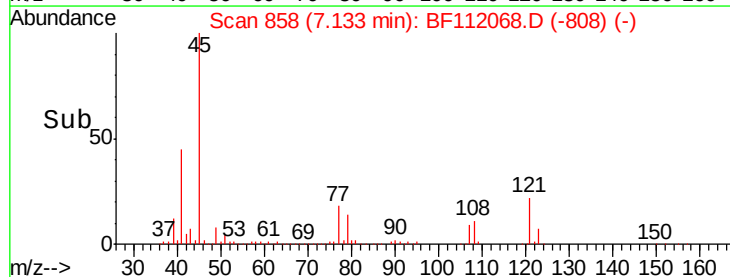
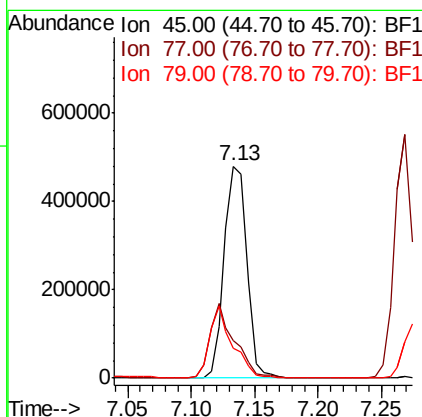
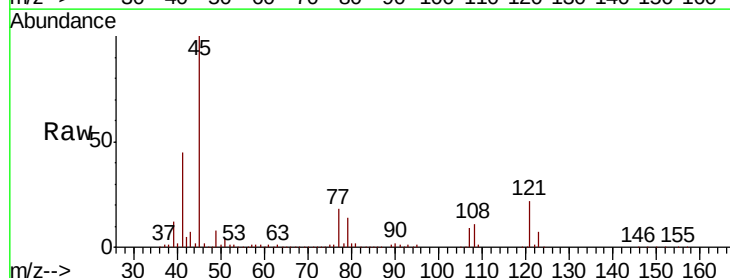
RT: 7.13 min Scan# 858

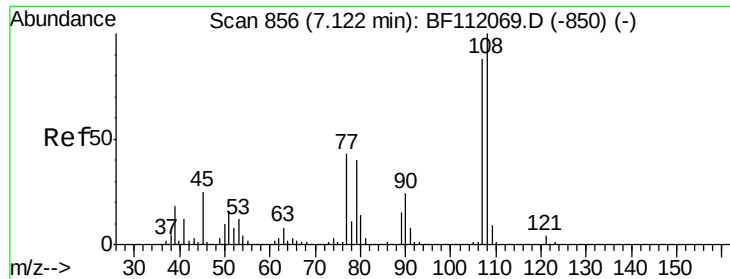
Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	45	Resp:	596723
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	36.9
79	14.0	0.0	34.0





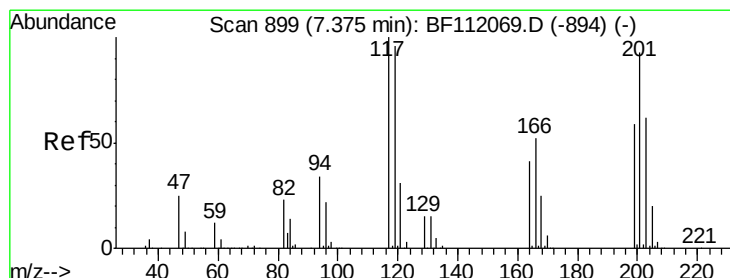
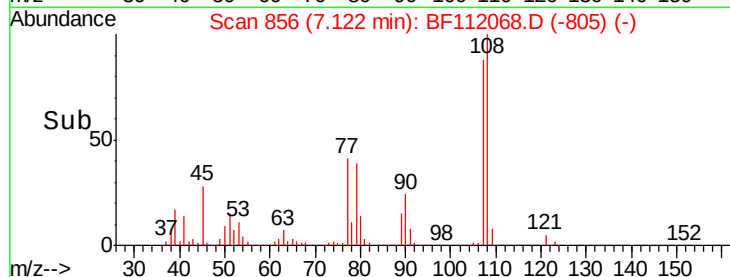
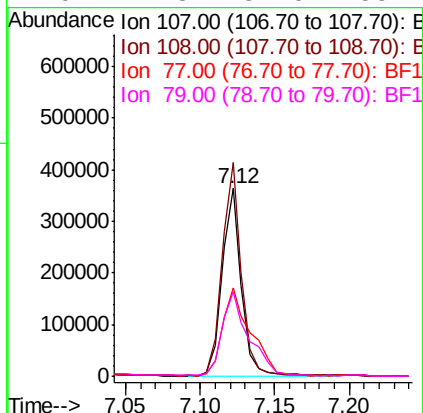
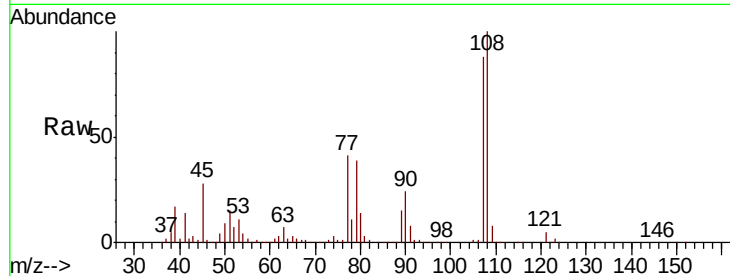
#17
2-Methylphenol
Concen: 24.470 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:	107	Resp:	329112
Ion Ratio	Lower	Upper	
107	100		
108	113.7	91.3	136.9
77	46.7	39.0	58.6
79	44.8	37.0	55.4

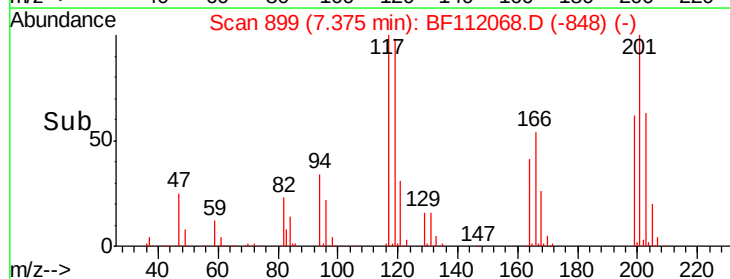
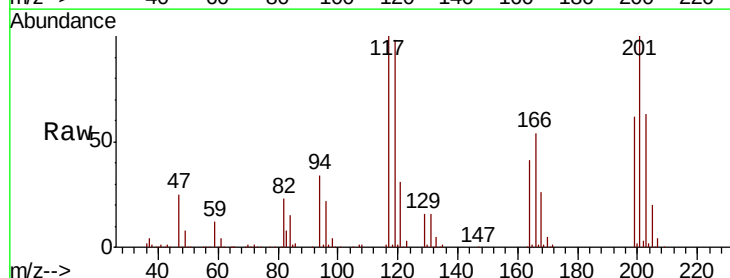
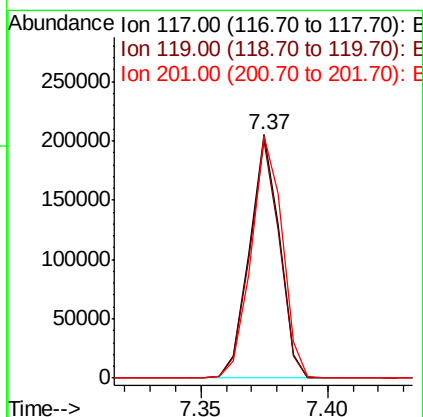
Manual Integrations
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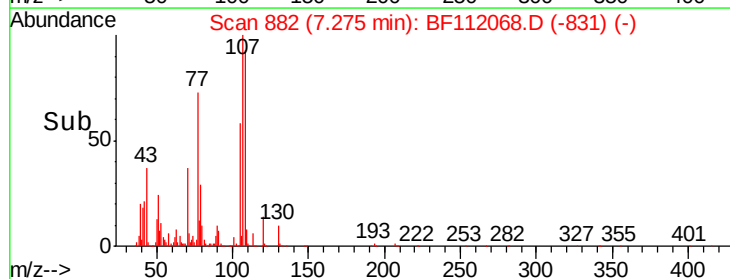
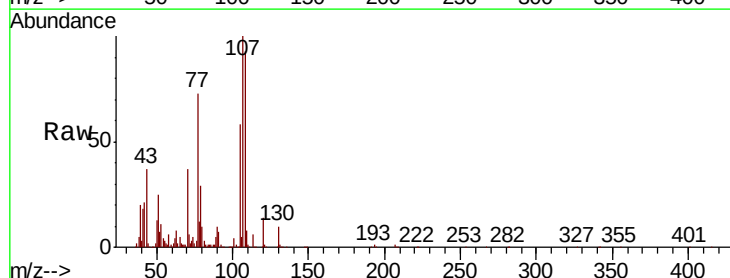
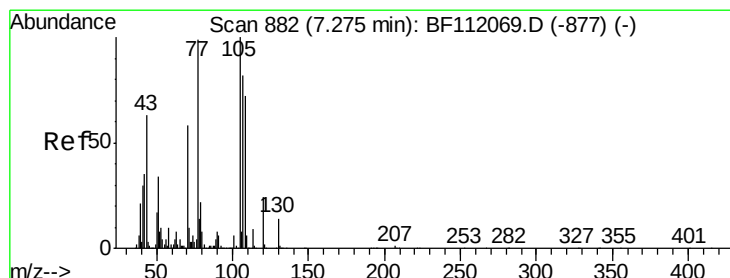
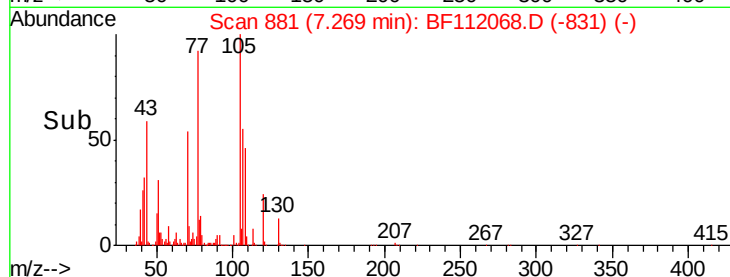
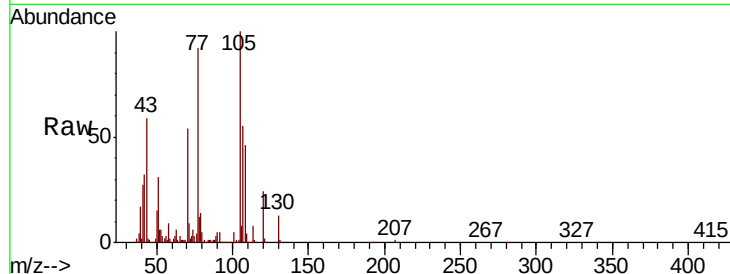
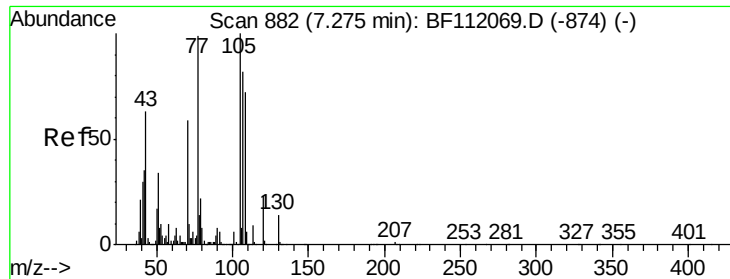
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#18
Hexachloroethane
Concen: 24.665 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

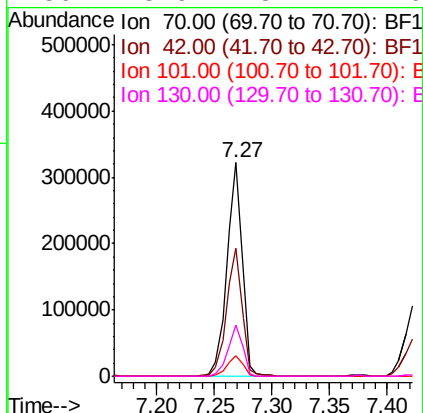
Tgt Ion:	117	Resp:	169539
Ion Ratio	Lower	Upper	
117	100		
119	97.7	77.0	115.4
201	99.6	74.1	111.1





#19
n-Nitroso-di-n-propylamine
Concen: 23.553 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.6	71.4
101	9.6	7.9	11.9
130	23.9	18.4	27.6



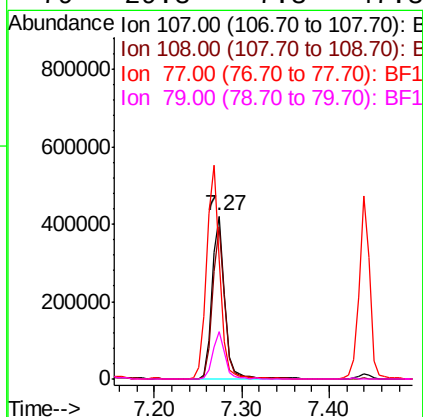
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

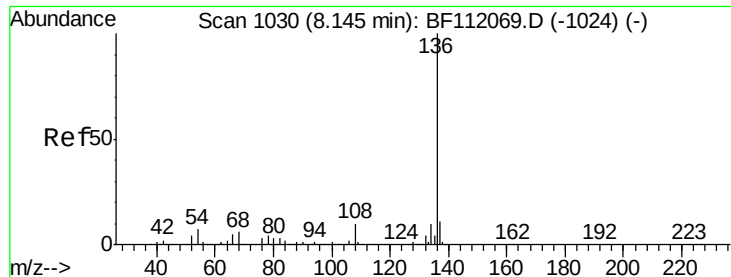
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#20
3+4-Methylphenols
Concen: 25.260 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	73.3	100.7	140.7#
79	29.3	7.3	47.3





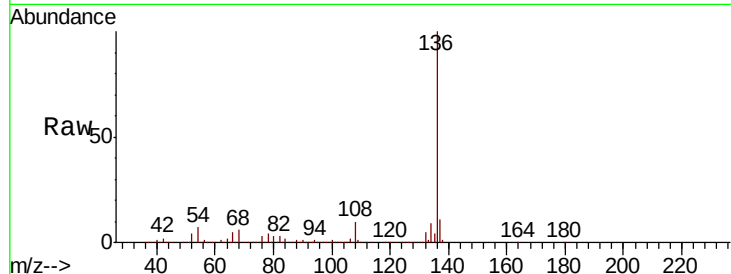
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	5.9	8.9
68	6.0	5.1	7.7

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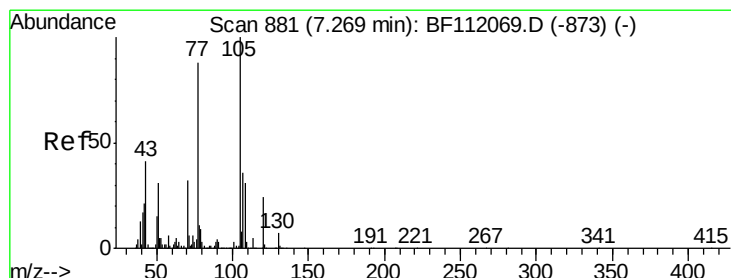
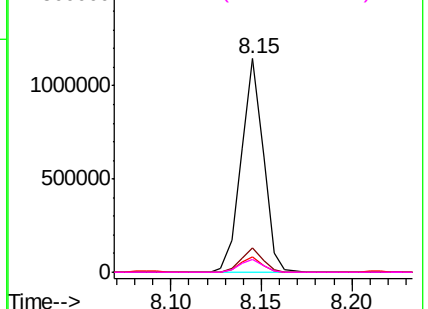
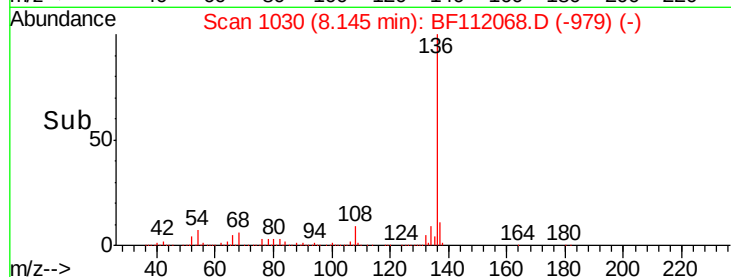
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

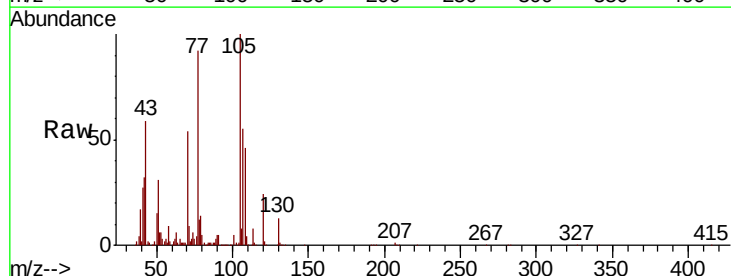
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 23.911 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	9.1	4.6	6.8#
51	30.9	25.0	37.6
120	23.8	19.0	28.4



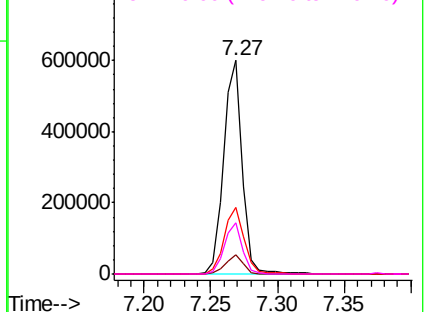
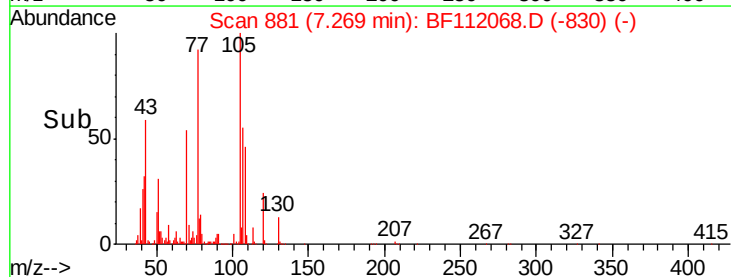
Abundance

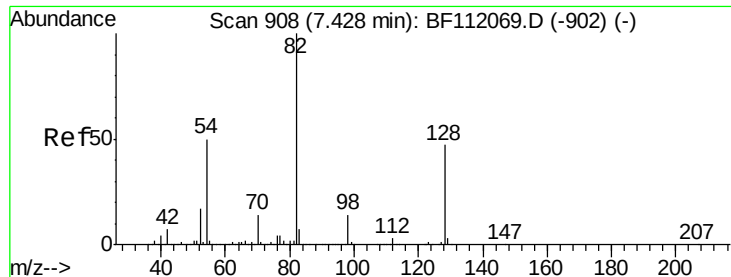
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





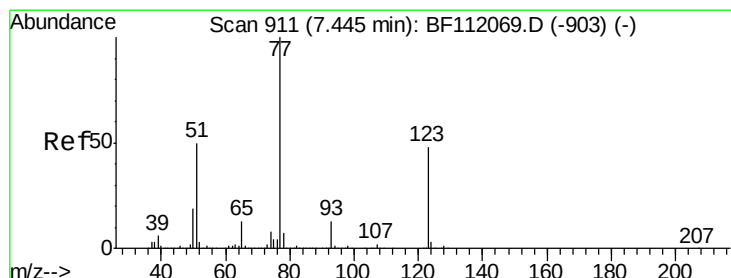
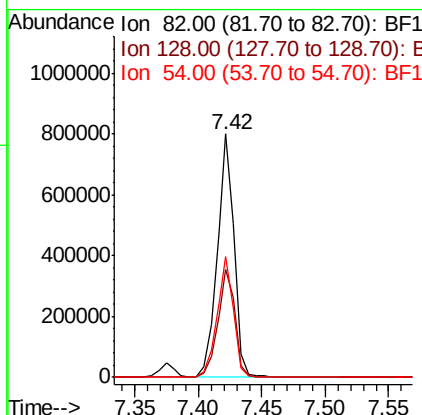
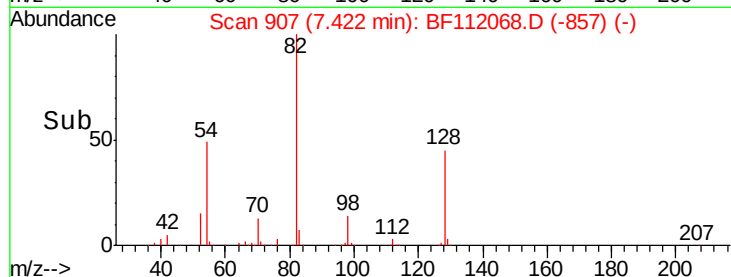
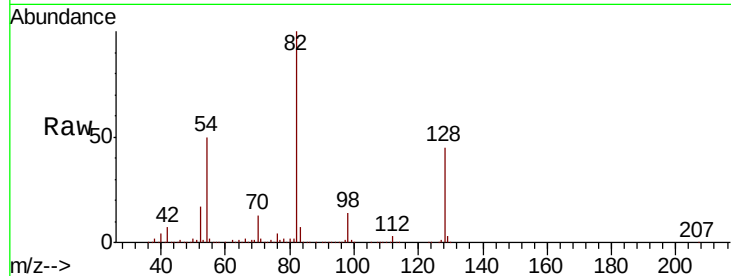
#23
 Nitrobenzene-d5
 Concen: 40.659 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.8	56.8
54	49.5	39.7	59.5

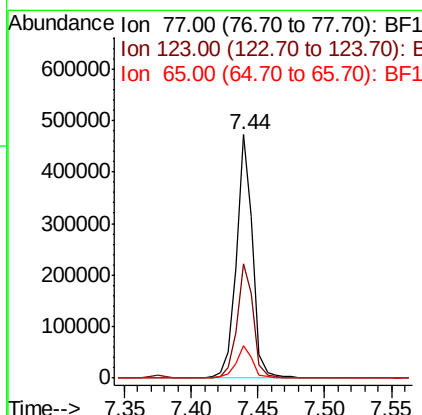
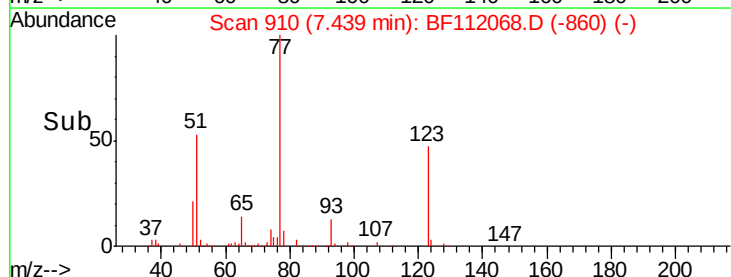
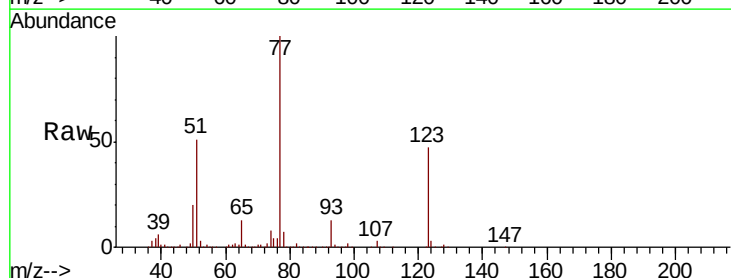
Manual Integrations
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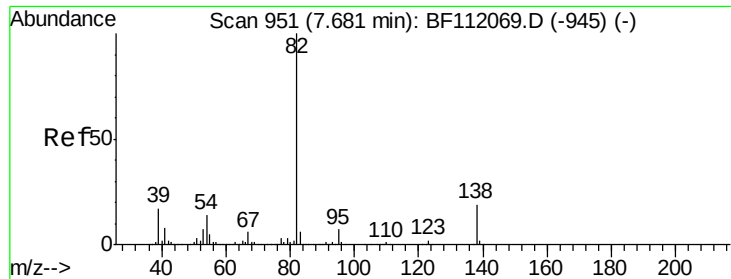
Sohil
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#24
 Nitrobenzene
 Concen: 21.457 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.4	57.6
65	13.1	10.6	15.8





#25

Isophorone

Concen: 23.330 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

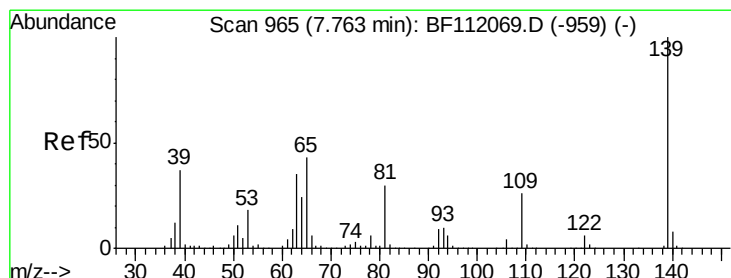
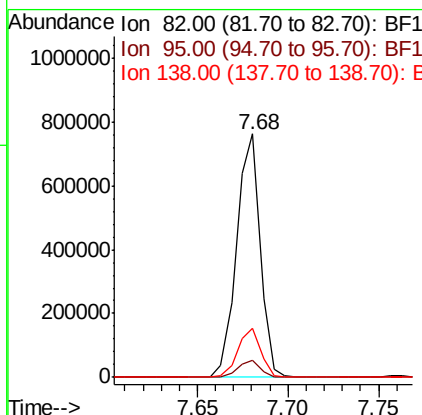
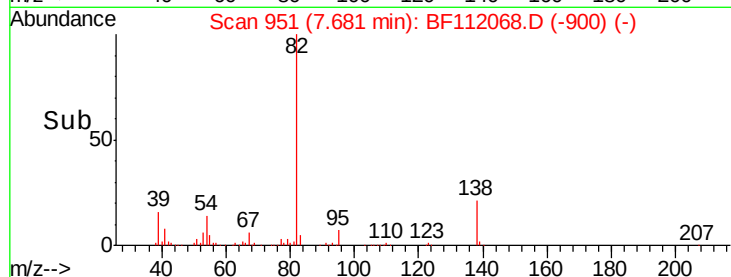
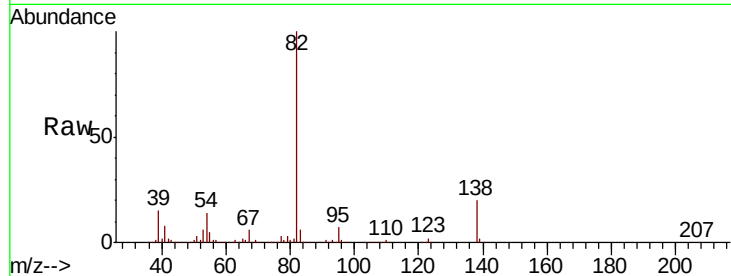
ClientSampled :

SSTDICC025

Tot Ion:	82	Resp:	690194
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	20.2	15.4	23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 17.720 ng

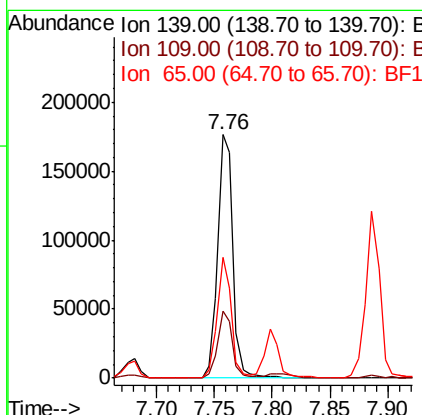
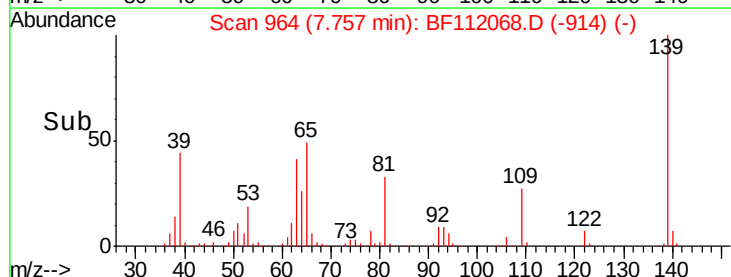
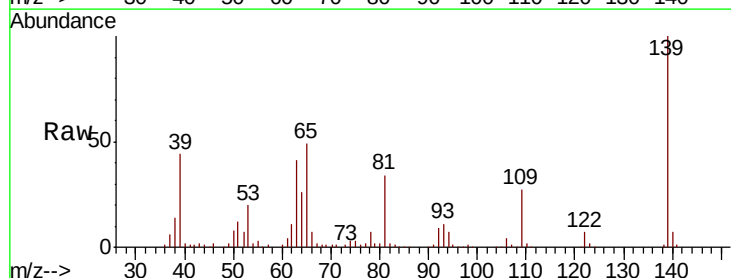
RT: 7.76 min Scan# 964

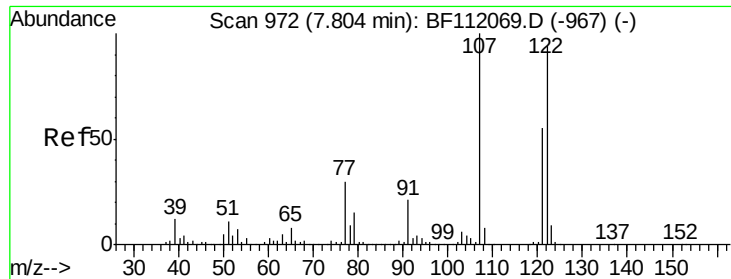
Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	139	Resp:	161248
Ion	Ratio	Lower	Upper
139	100		
109	27.5	20.8	31.2
65	49.4	34.4	51.6





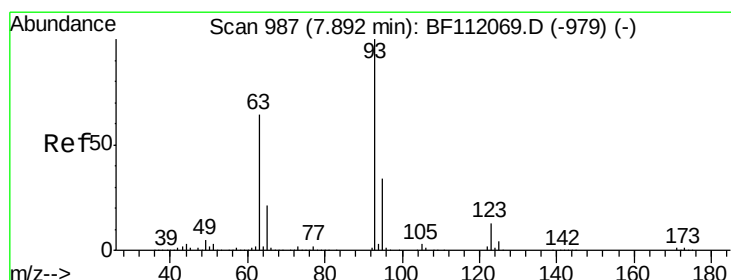
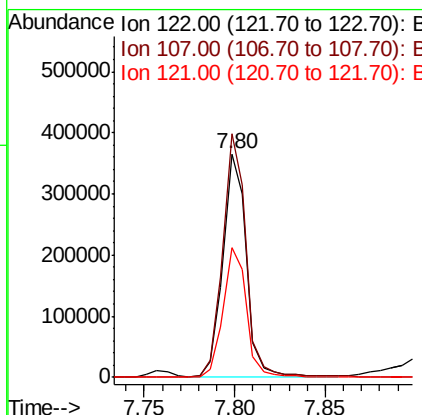
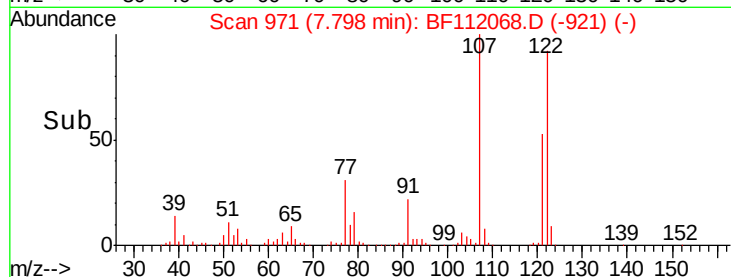
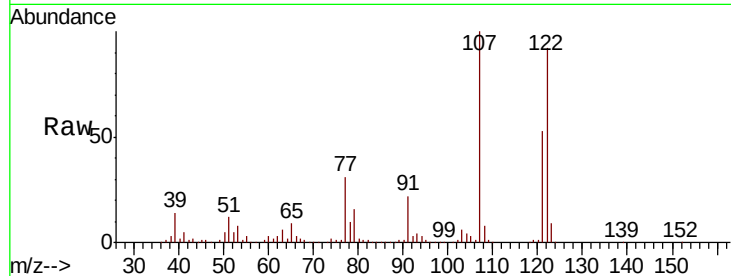
#27
2,4-Dimethylphenol
Concen: 25.051 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	85.4	128.0
121	58.1	47.0	70.4

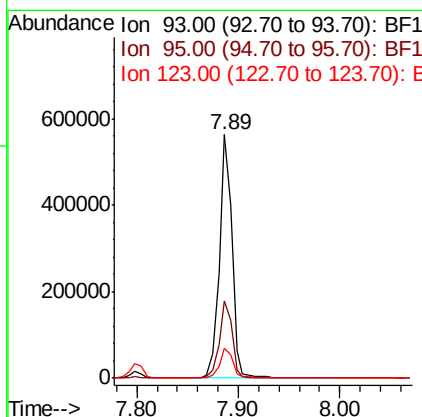
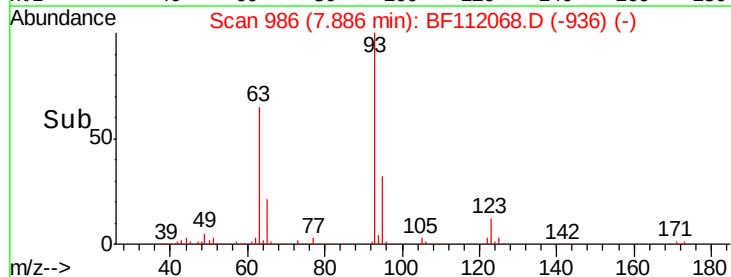
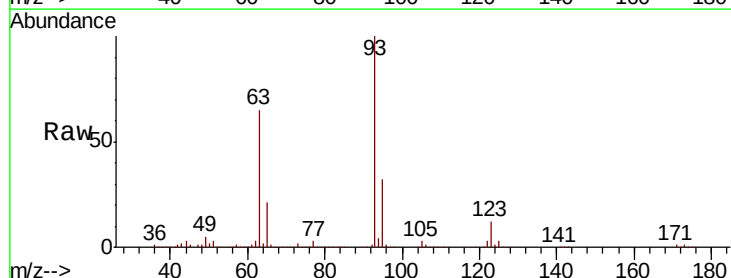
Manual Integrations
APPROVED

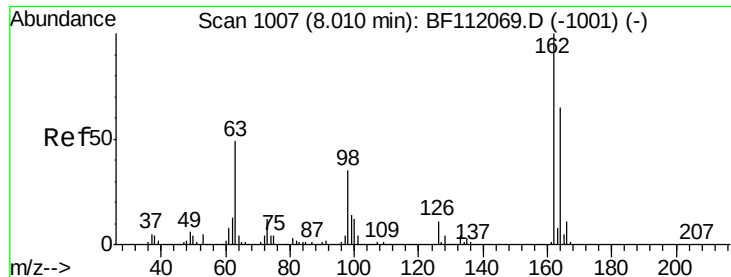
Sohil
1/17/2019 2:07:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 24.596 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.8	40.2
123	12.1	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 24.161 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

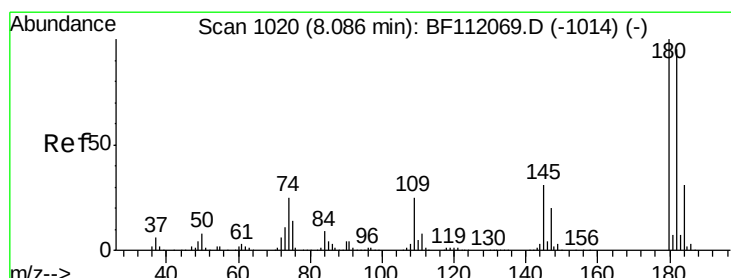
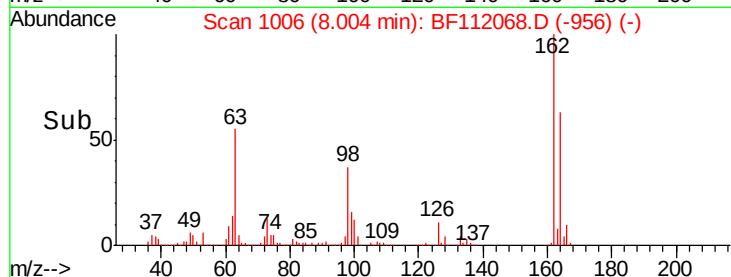
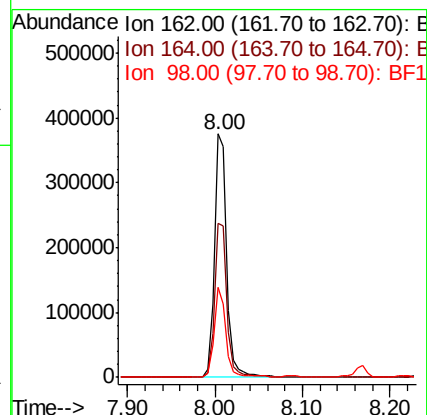
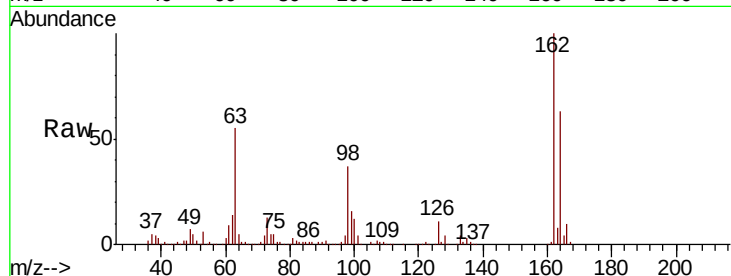
ClientSampled :

SSTDIC025

Tot Ion:	162	Resp:	365531
Ion Ratio	Lower	Upper	
162	100		
164	63.3	44.6	84.6
98	37.1	14.6	54.6

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 25.047 ng

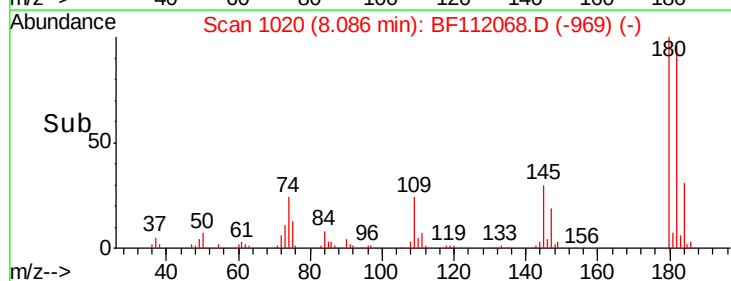
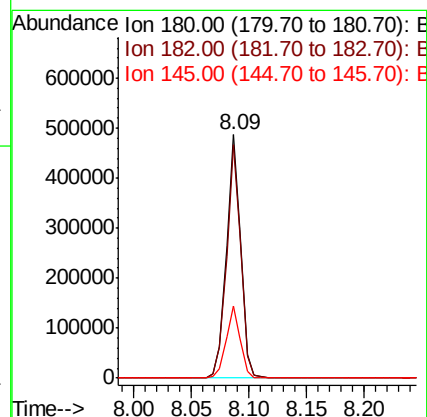
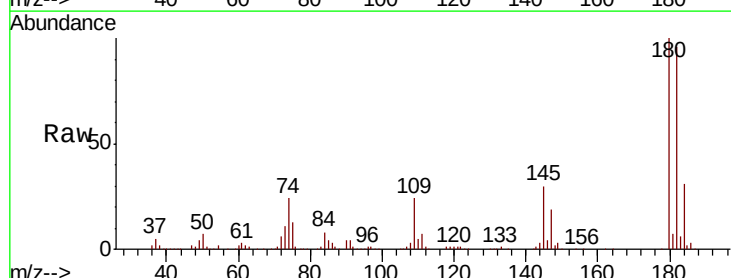
RT: 8.09 min Scan# 1020

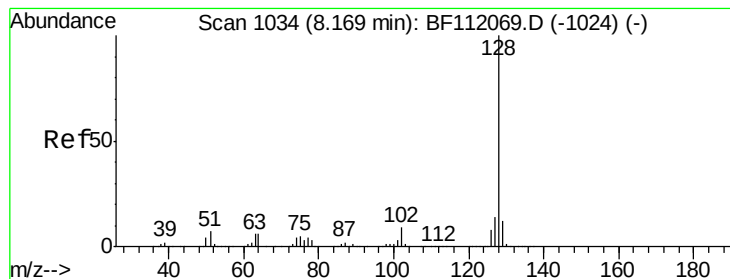
Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	180	Resp:	418040
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.4	114.6
145	29.7	25.0	37.4





#31

Naphthalene

Concen: 25.546 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 1184079

Ion Ratio Lower Upper

128 100

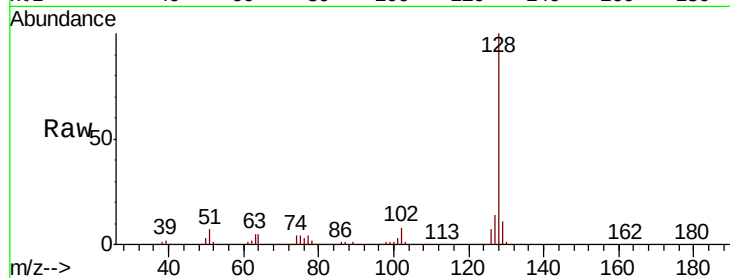
129 11.0 9.6 14.4

127 13.6 11.1 16.7

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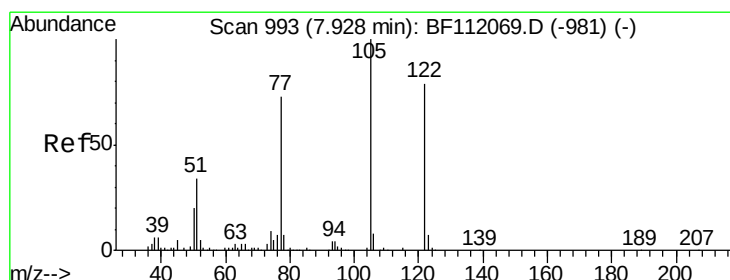
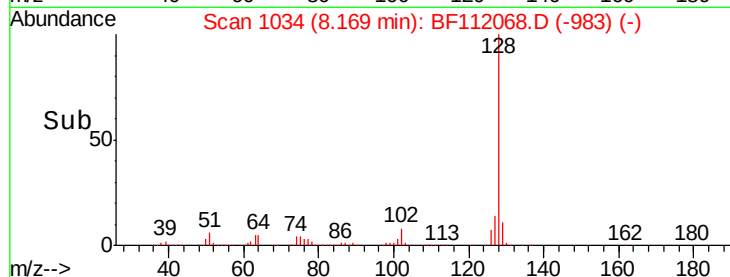
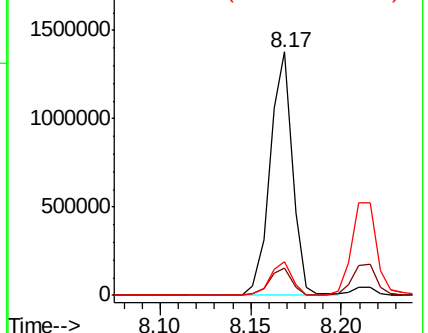
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.663 ng m

RT: 7.90 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

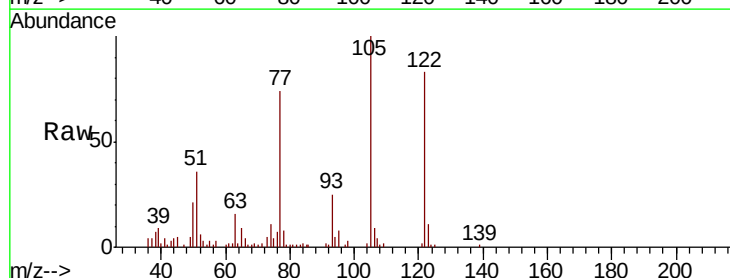
Tgt Ion:122 Resp: 99576

Ion Ratio Lower Upper

122 100

105 119.9 101.2 141.2

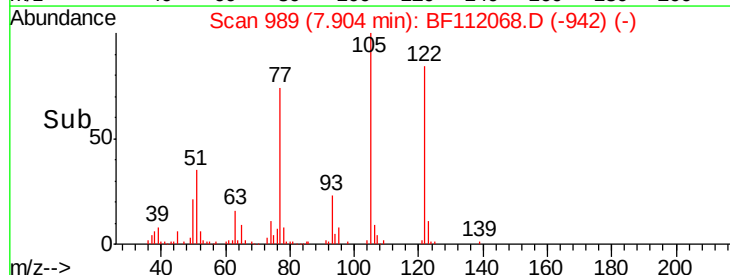
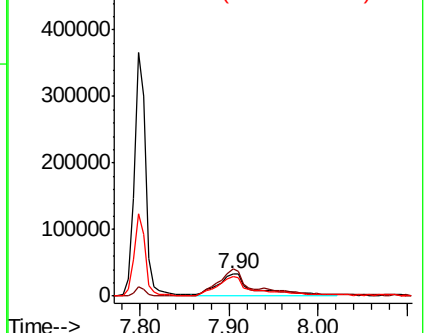
77 88.3 70.4 110.4

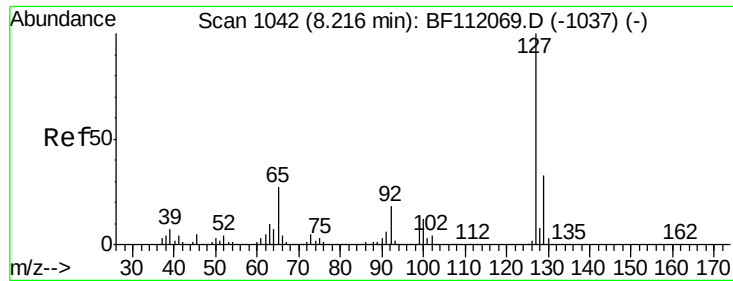


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





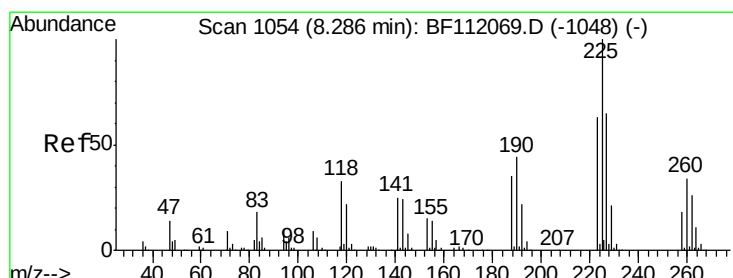
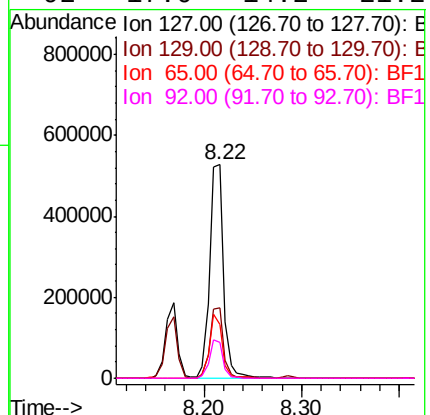
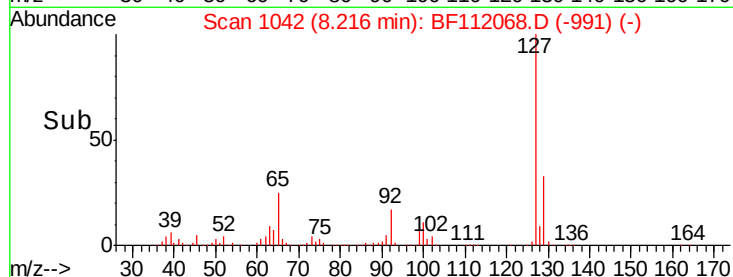
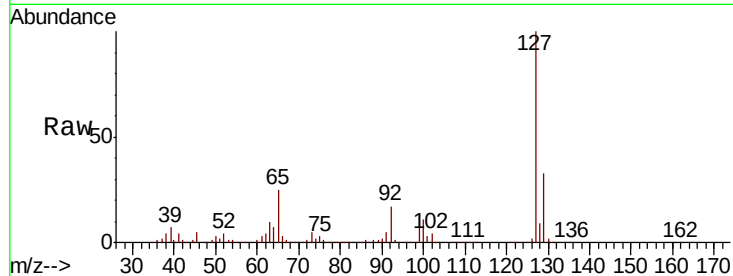
#33
4-Chloroaniline
Concen: 25.995 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.6	39.8		
65	25.2	21.4	32.2		
92	17.0	14.2	21.2		

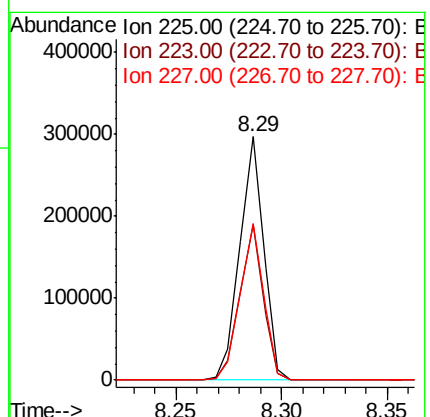
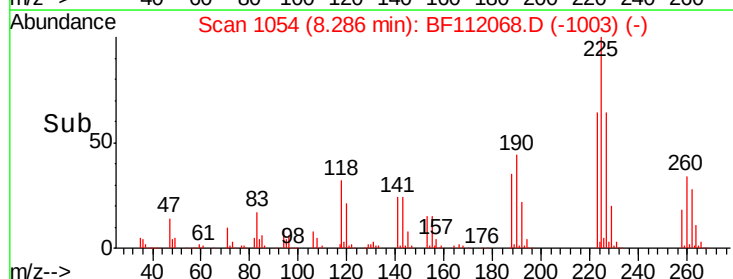
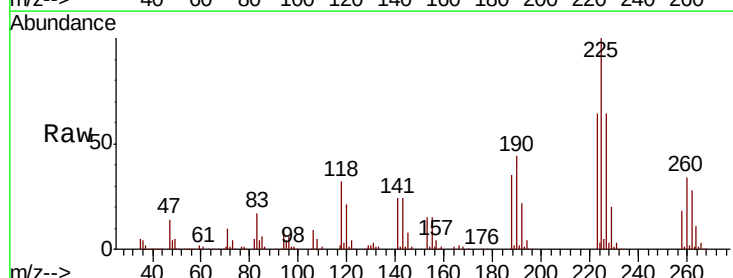
Manual Integrations
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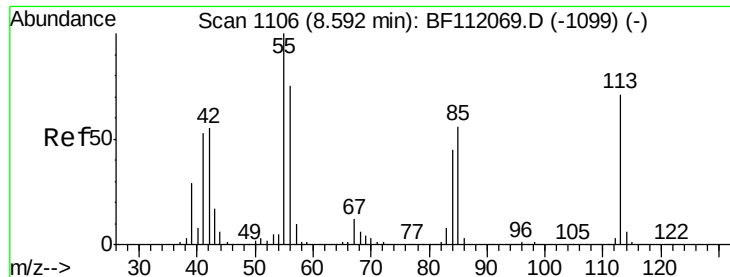
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1/17/2019 2:07:52 PM



#34
Hexachlorobutadiene
Concen: 22.413 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.3	75.5		
227	64.4	51.8	77.8		





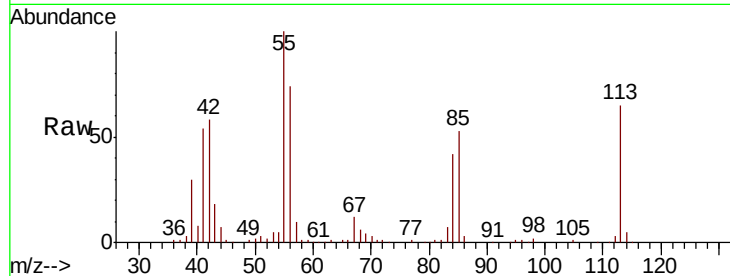
#35
Caprolactam
Concen: 25.813 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

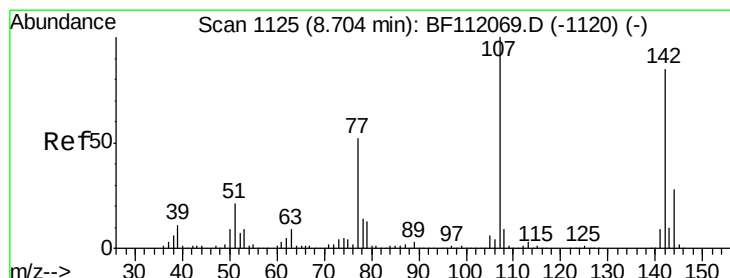
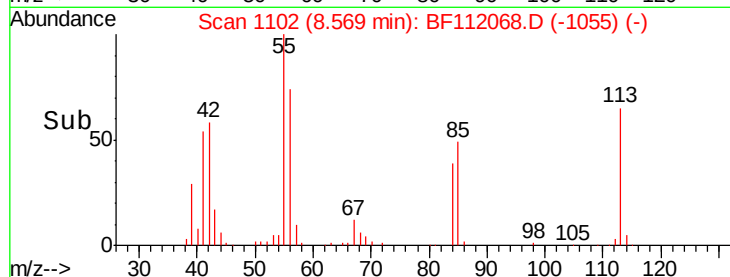
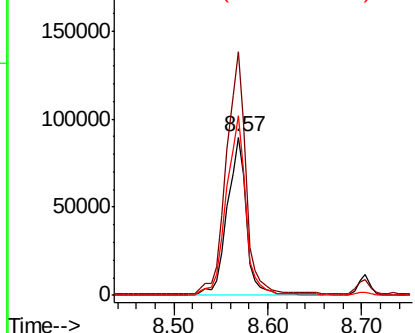
Tot Ion	Ratio	Lower	Upper
113	100		
55	153.9	121.6	161.6
56	113.3	86.7	126.7

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1/17/2019 2:07:52 PM

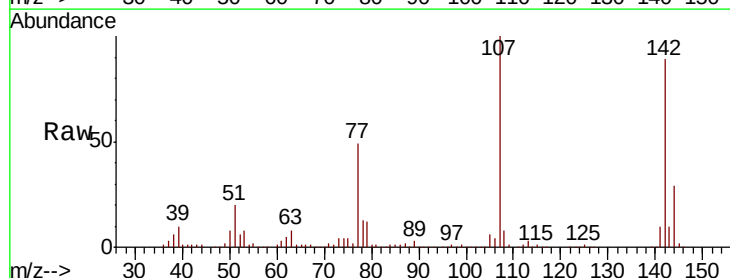


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

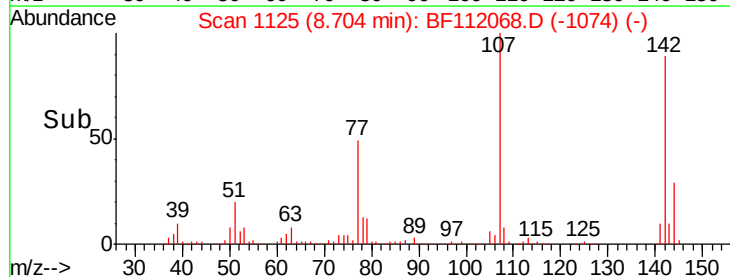
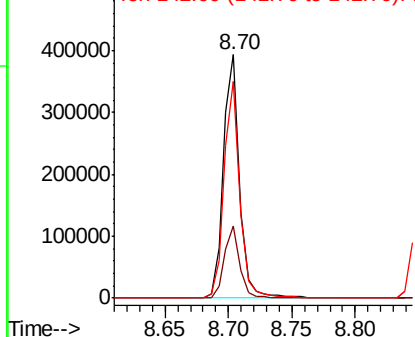


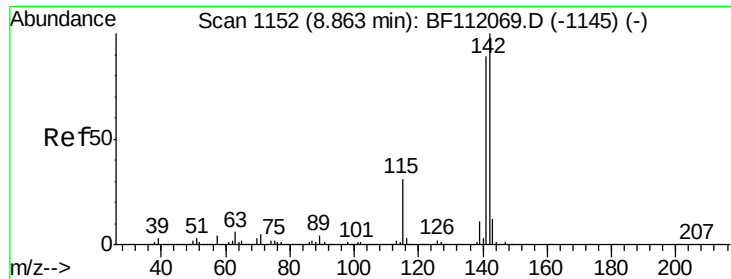
#36
4-Chloro-3-methylphenol
Concen: 23.283 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.4	22.2	33.2
142	89.1	67.7	101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





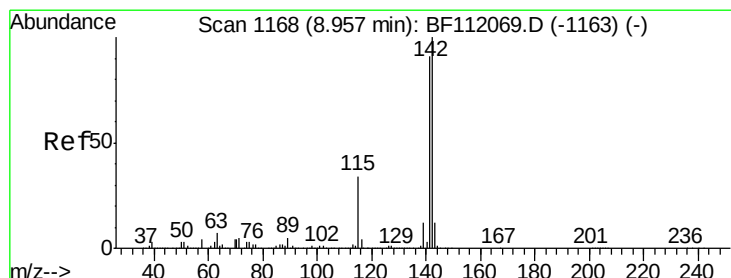
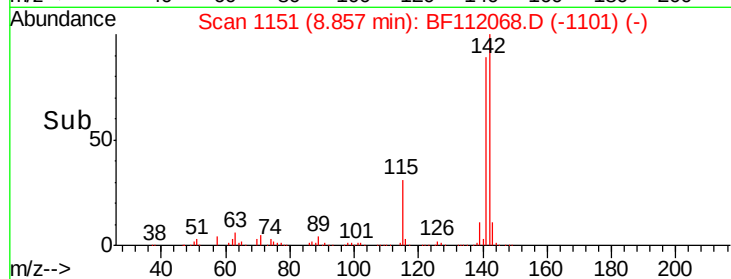
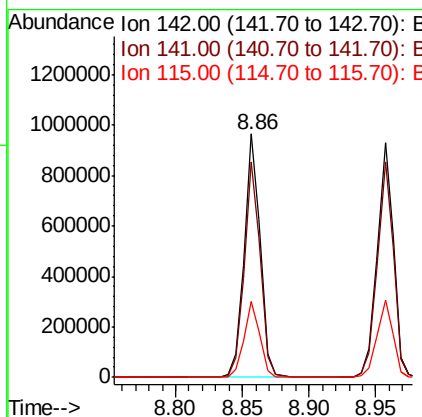
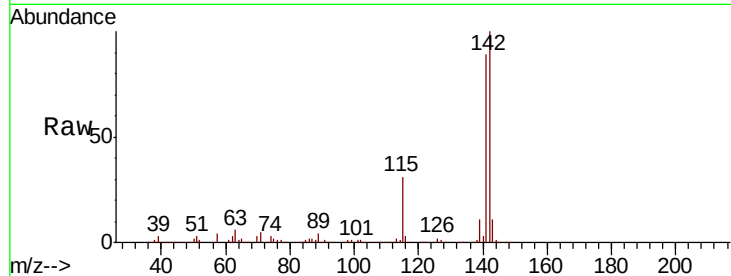
#37
2-Methylnaphthalene
Concen: 27.833 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3
115	31.4	24.9	37.3

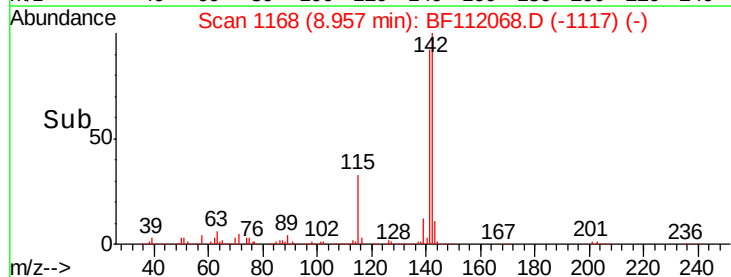
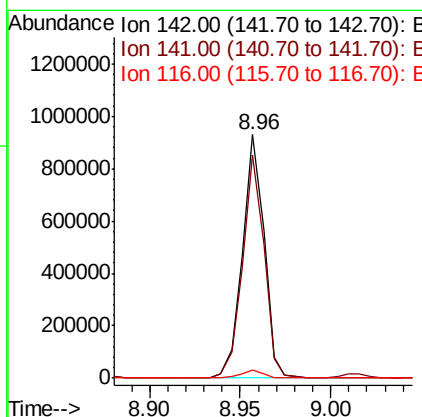
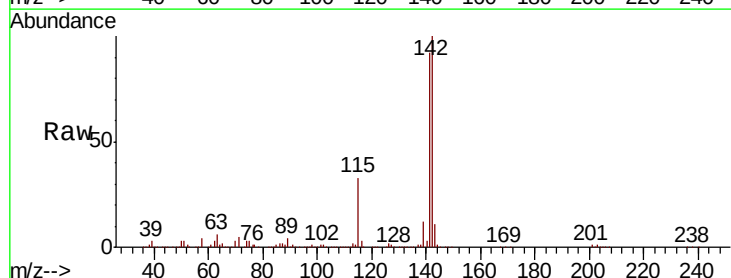
Manual Integrations
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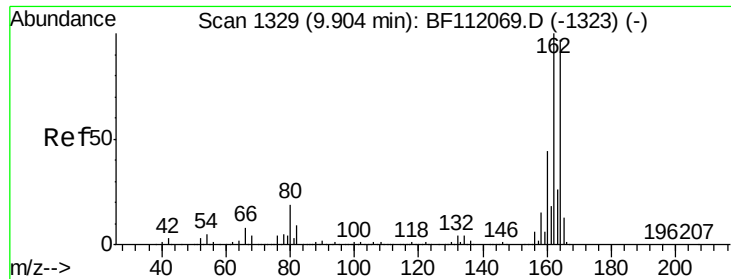
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1/17/2019 2:07:52 PM



#38
1-Methylnaphthalene
Concen: 27.825 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	108.8
116	3.4	2.8	4.2





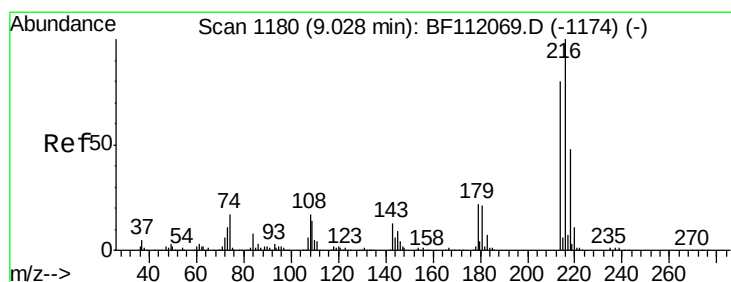
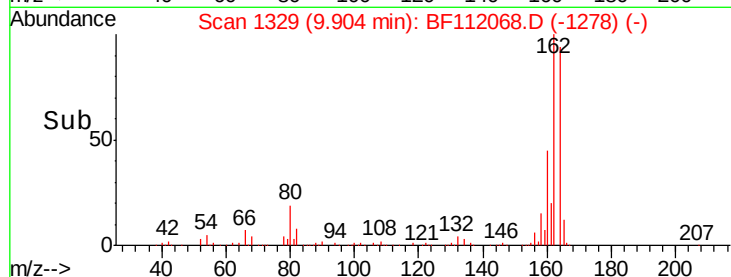
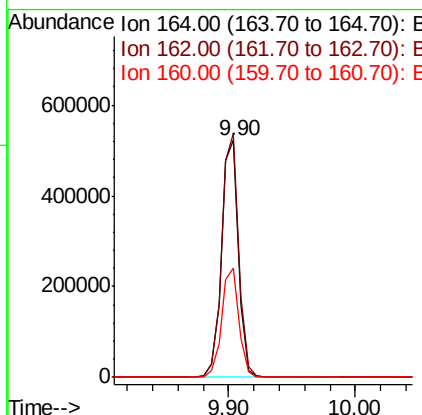
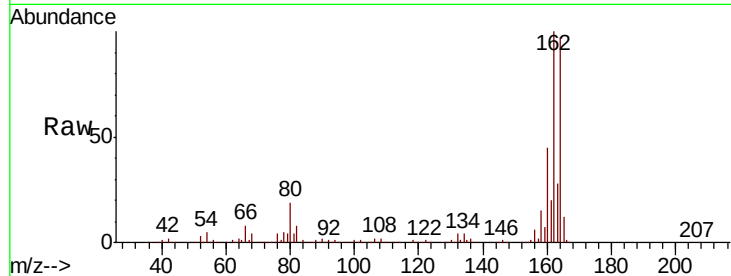
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	82.2	123.4	
160	46.2	36.2	54.4	

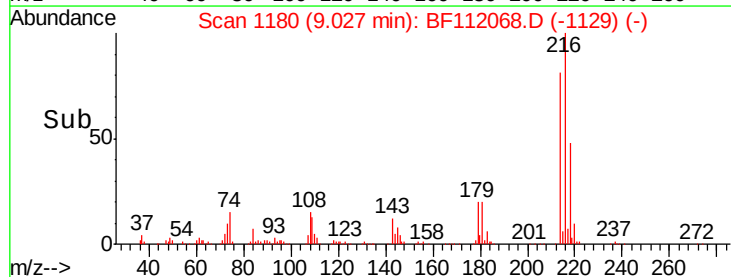
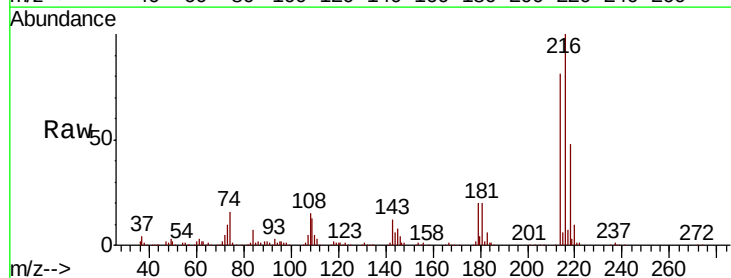
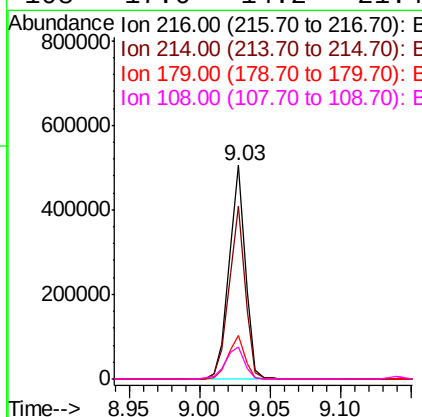
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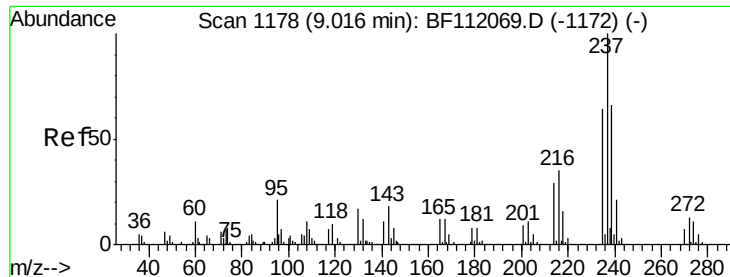
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1/17/2019 2:07:52 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.303 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.6	
179	20.6	16.9	25.3	
108	17.6	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 12.628 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

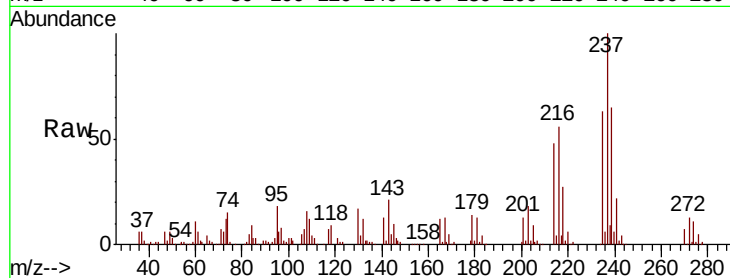
ClientSampleId :

SSTDIC025

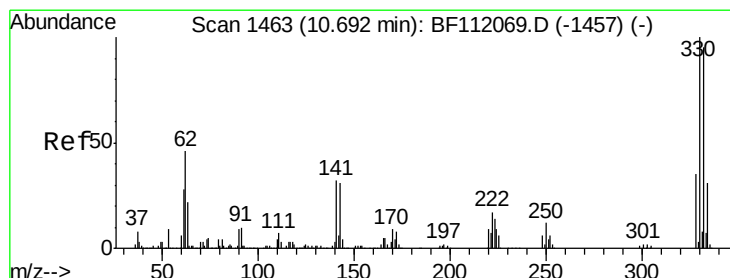
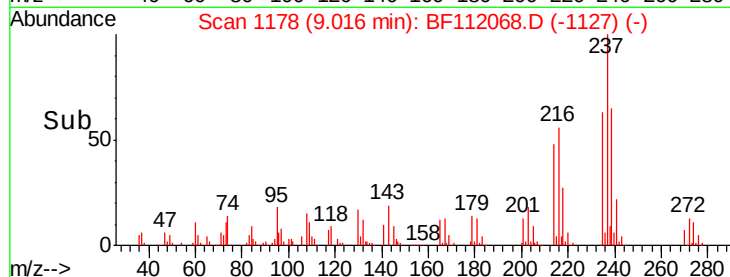
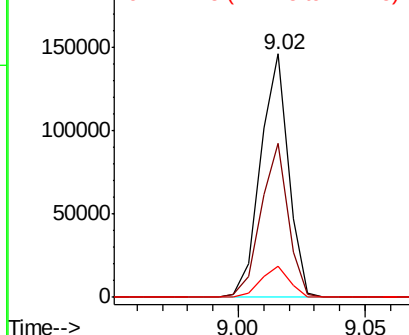
Tot Ion:	237	Resp:	113080
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.0	84.0
272	12.9	0.0	33.3

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 45.779 ng

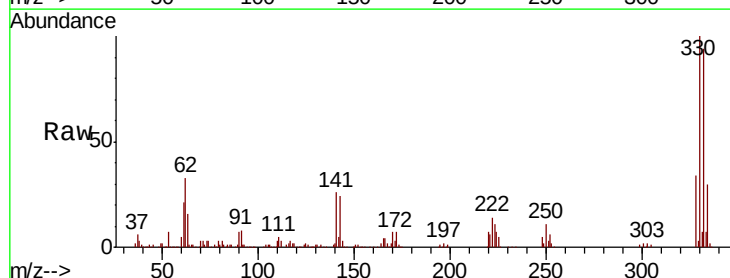
RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

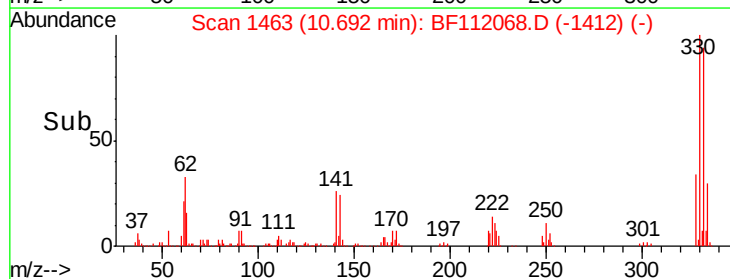
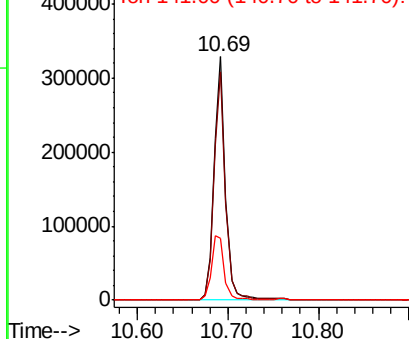
Lab File: BF112068.D

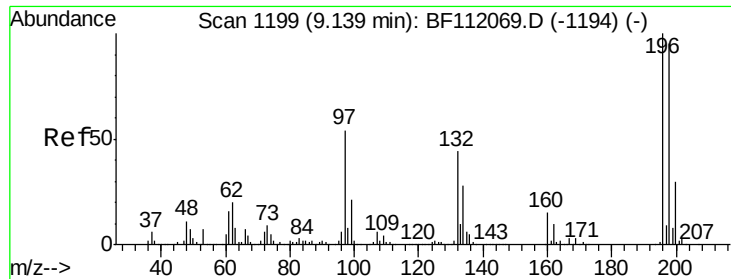
Acq: 16 Jan 2019 15:46

Tgt Ion:	330	Resp:	289257
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.6	114.8
141	29.9	24.3	36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





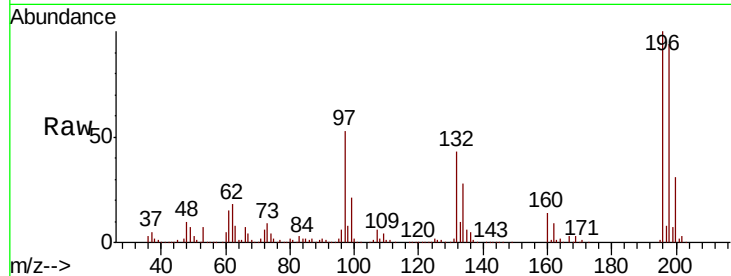
#43
2,4,6-Trichlorophenol
Concen: 23.229 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244003		
198	94.2	76.2	114.4	
200	31.0	24.3	36.5	

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1/17/2019 2:07:52 PM

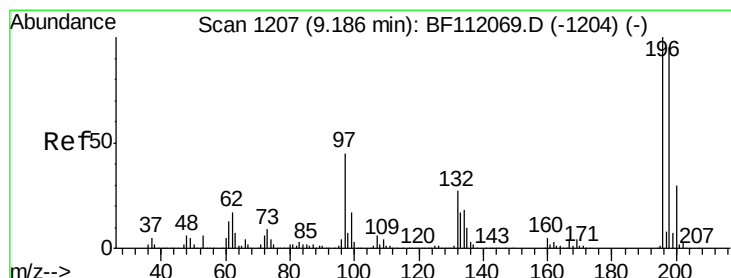
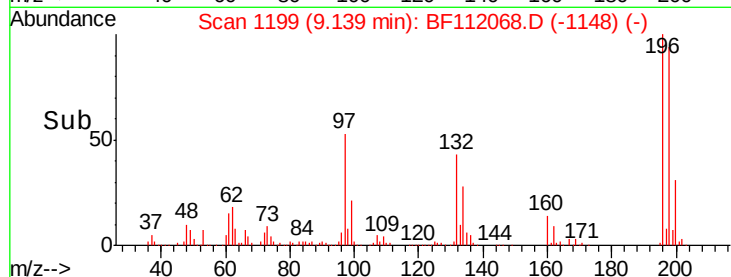
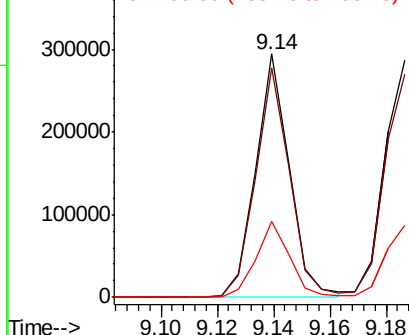


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 23.791 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261831		
198	94.1	76.0	114.0	
97	42.9	36.4	54.6	
132	26.2	21.5	32.3	

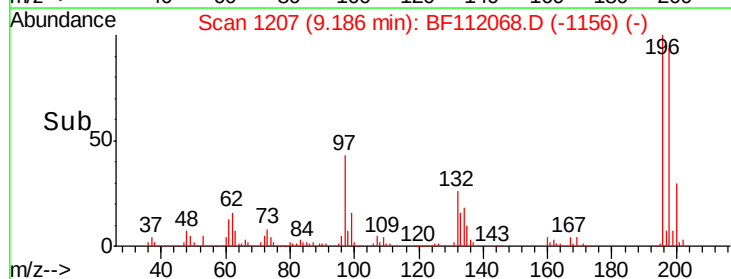
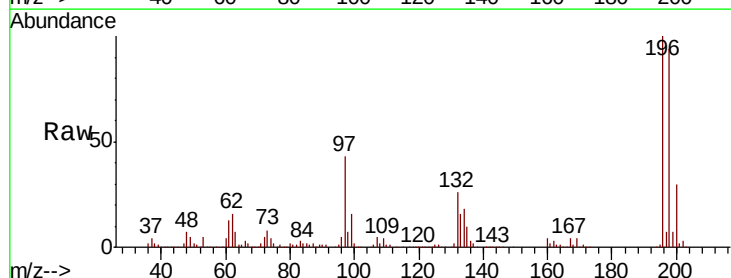
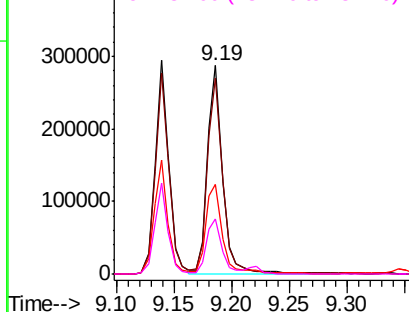
Abundance

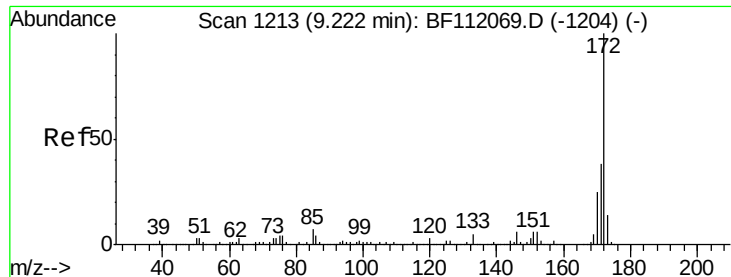
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





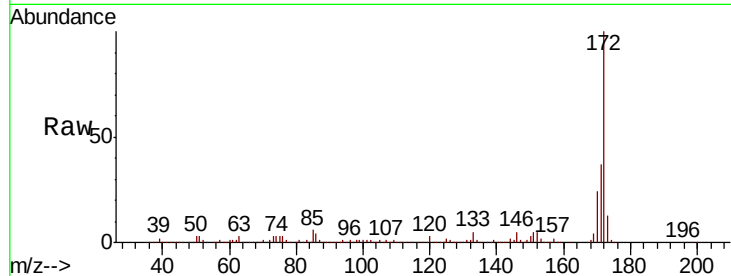
#45
2-Fluorobiphenyl
Concen: 52.224 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.1	20.2	30.4

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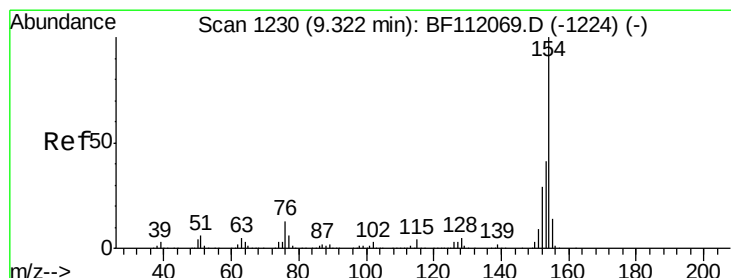
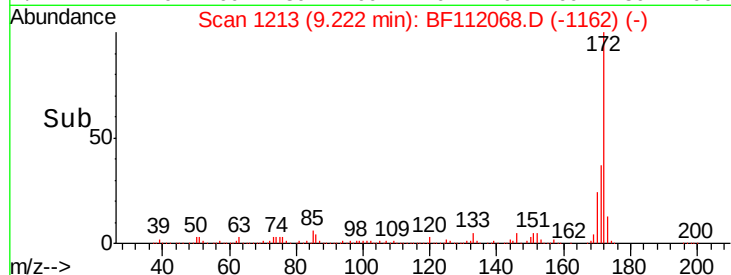
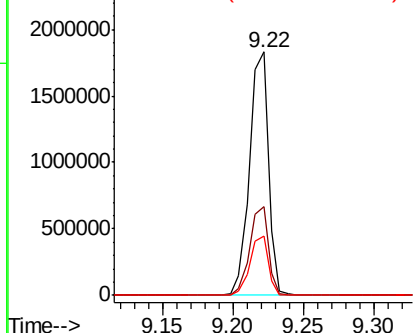


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 26.688 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

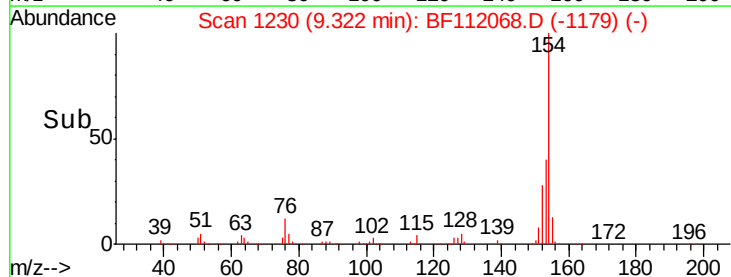
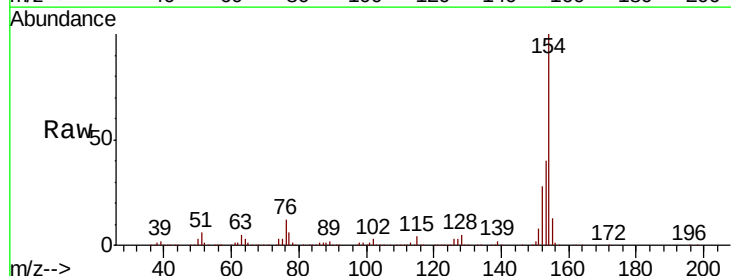
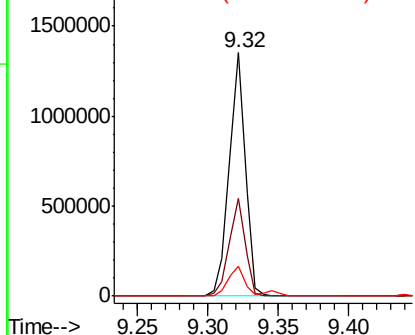
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.5	61.5
76	12.2	0.0	33.1

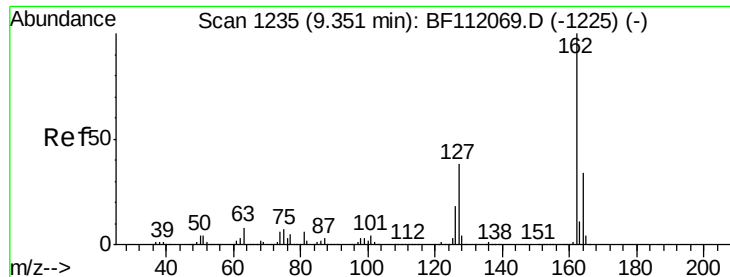
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





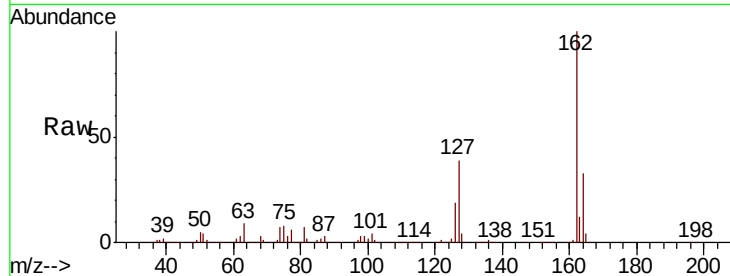
#47
 2-Chloronaphthalene
 Concen: 26.064 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

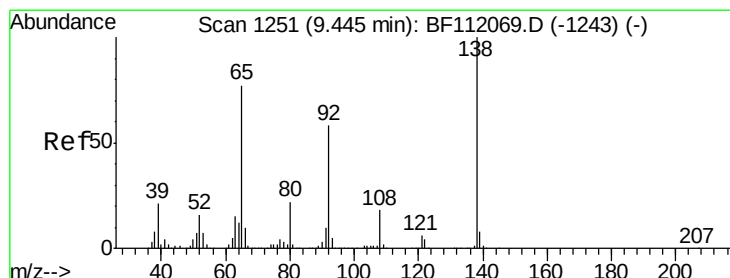
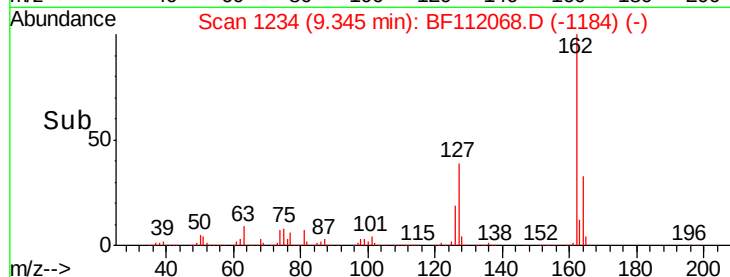
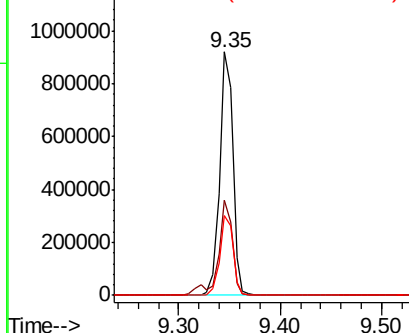
Tot Ion	Ratio	Resp	Lower	Upper
162	100	831216		
127	39.1		30.4	45.6
164	33.0		27.4	41.2

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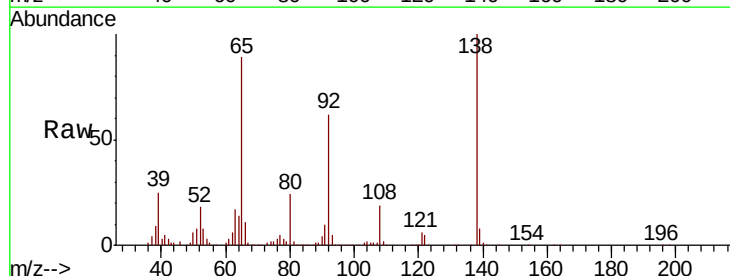


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

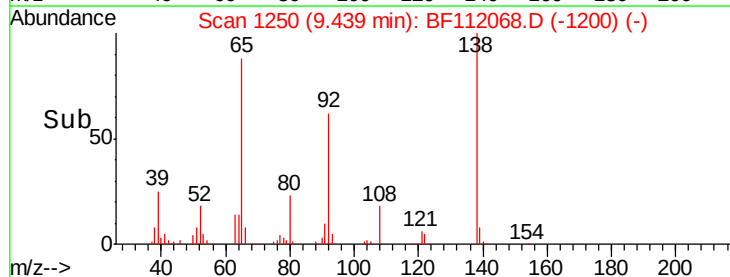
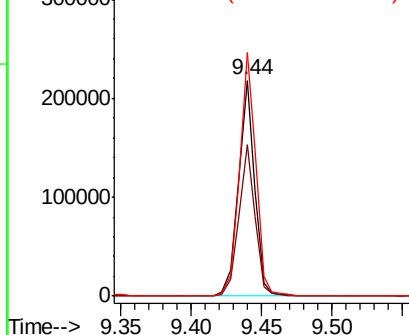


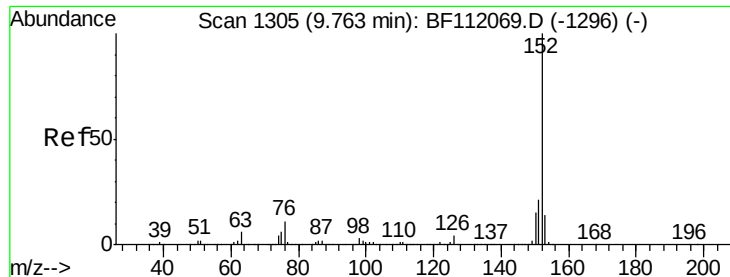
#48
 2-Nitroaniline
 Concen: 17.891 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	174446		
92	70.0		60.4	90.6
138	112.9		104.4	156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 26.081 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

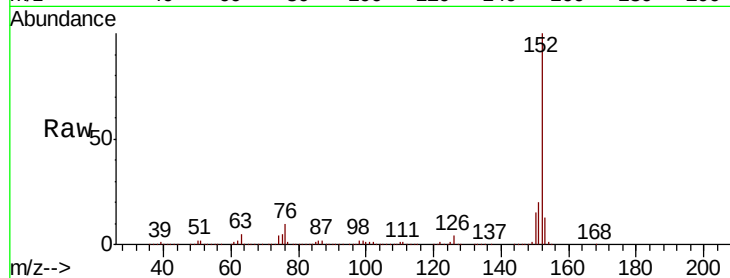
ClientSampleId :

SSTDICC025

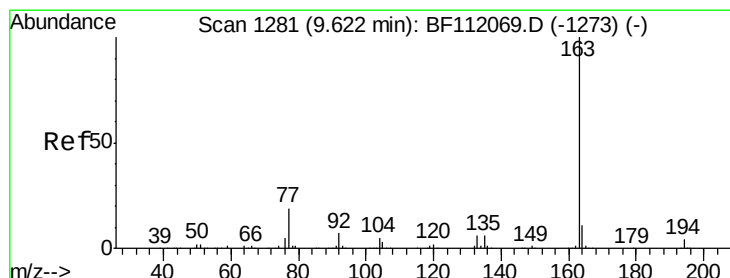
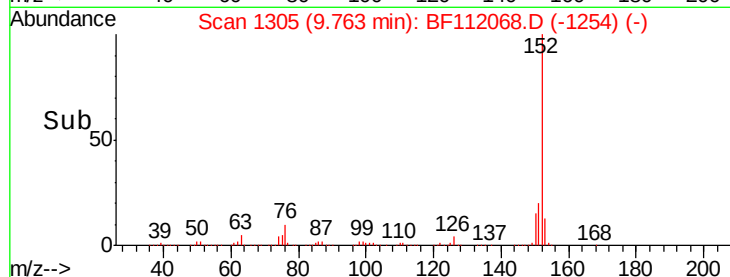
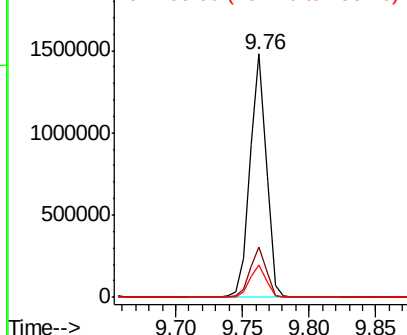
Tot Ion:	152	Resp:	1229724
Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.6
153	13.5	11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 25.026 ng

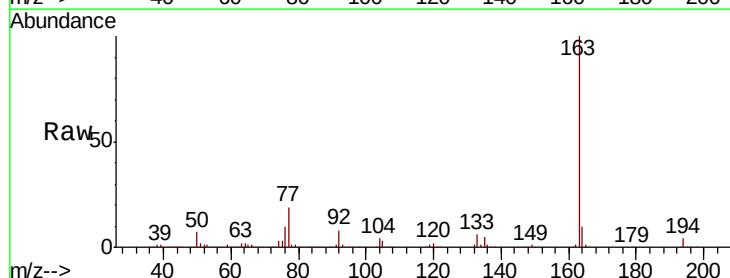
RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

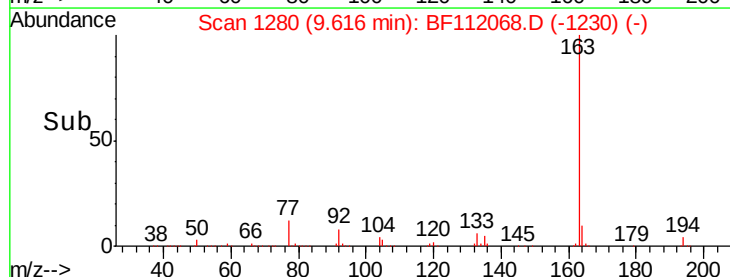
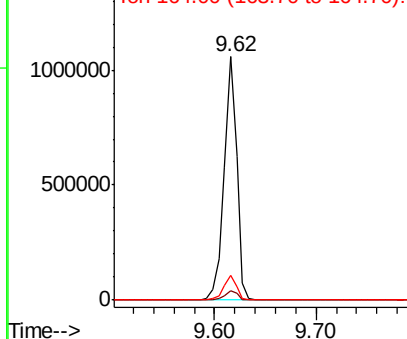
Lab File: BF112068.D

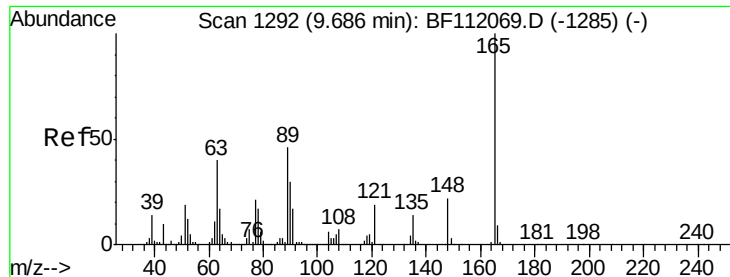
Acq: 16 Jan 2019 15:46

Tgt Ion:	163	Resp:	913276
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 21.352 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

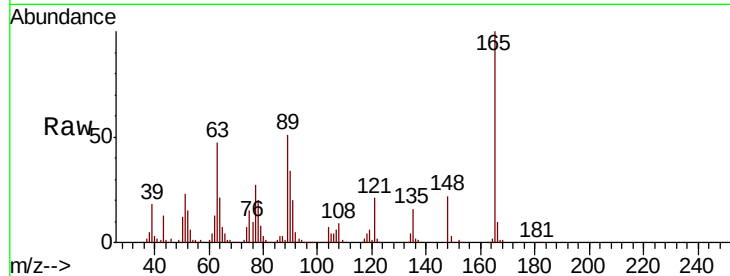
ClientSampleId :

SSTDIC025

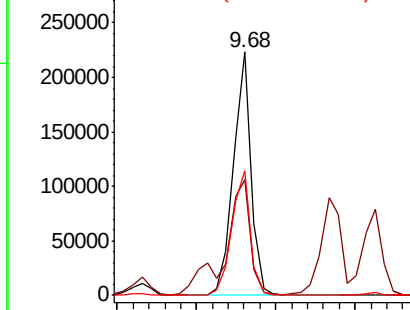
Tot Ion:	165	Resp:	174240
Ion Ratio	Lower	Upper	
165	100		
63	47.4	33.8	50.8
89	51.4	36.9	55.3

Manual Integrations
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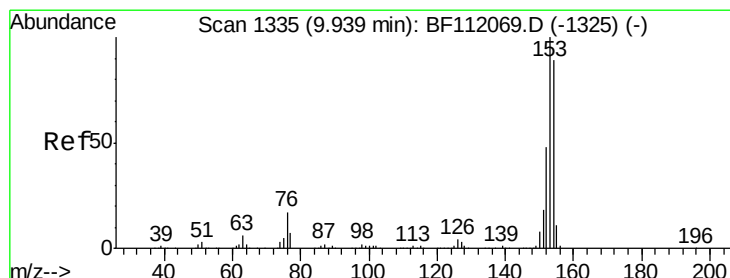
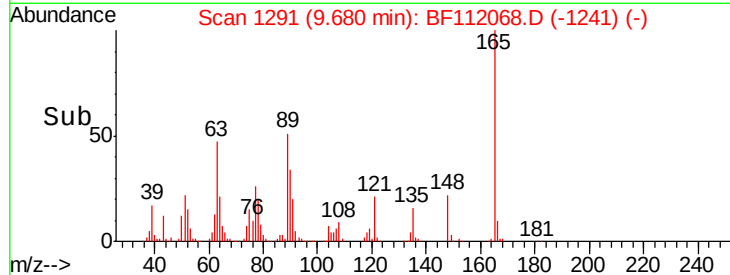
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



Time--> 9.60 9.65 9.70 9.75



#52

Acenaphthene

Concen: 24.708 ng

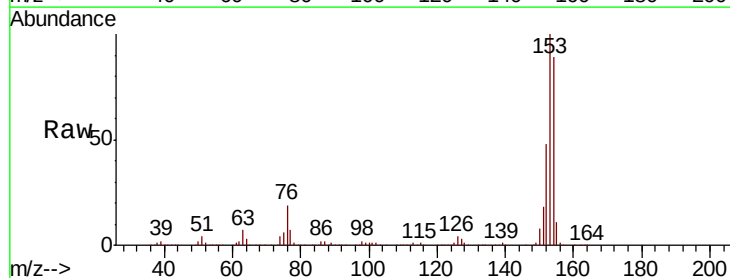
RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

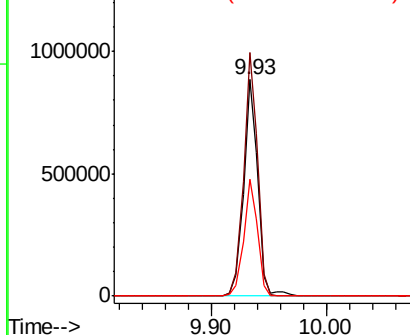
Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

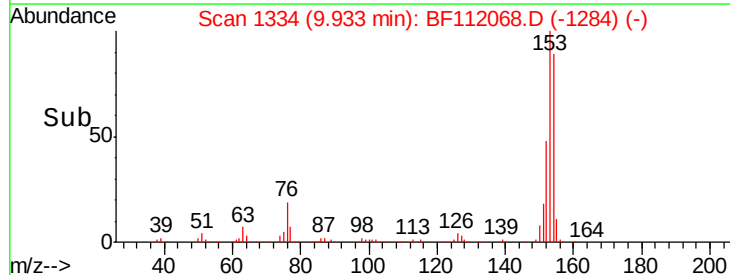
Tgt Ion:	154	Resp:	751028
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.8	134.6
152	54.1	43.5	65.3

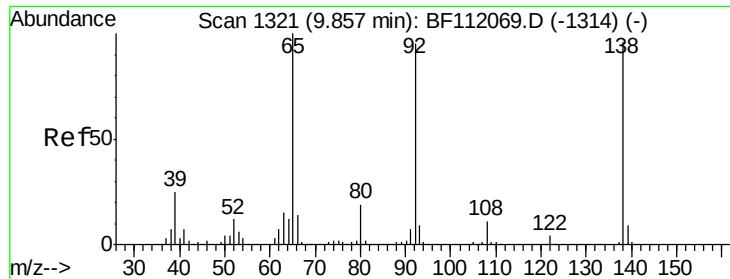


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time--> 9.90 10.00





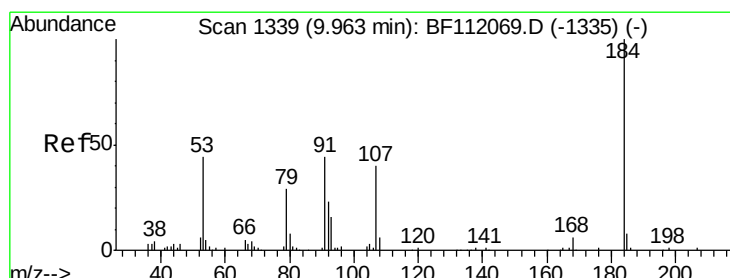
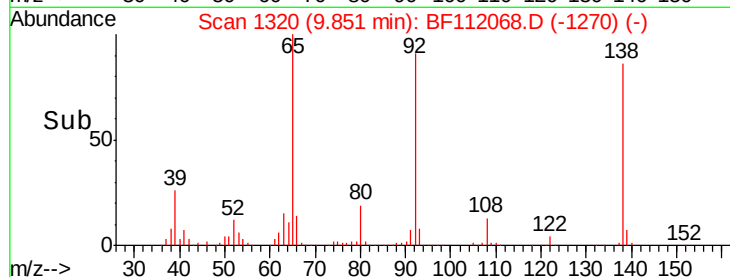
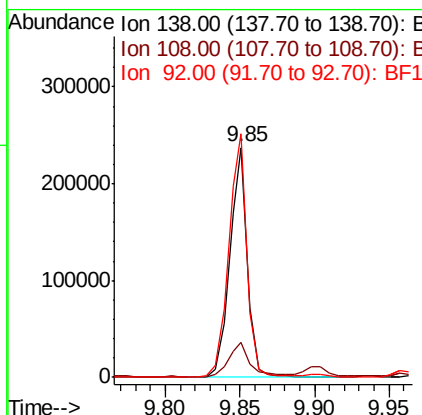
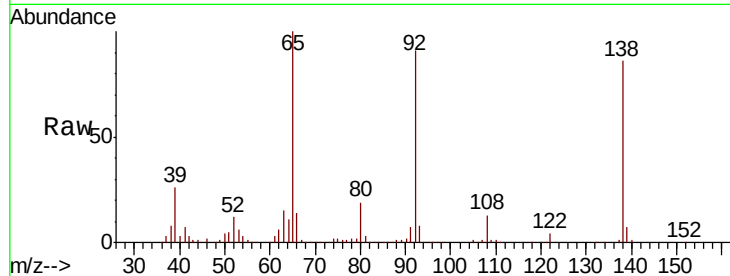
#53
3-Nitroaniline
Concen: 22.685 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.1	9.8	14.6#
92	106.0	79.4	119.2

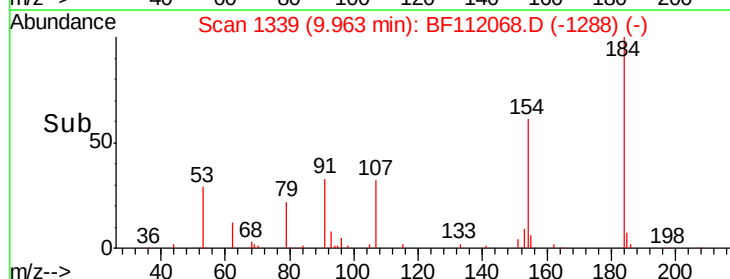
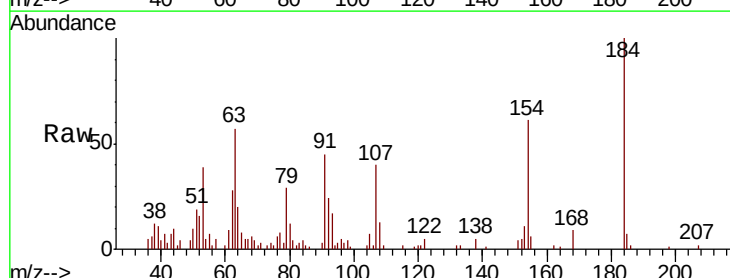
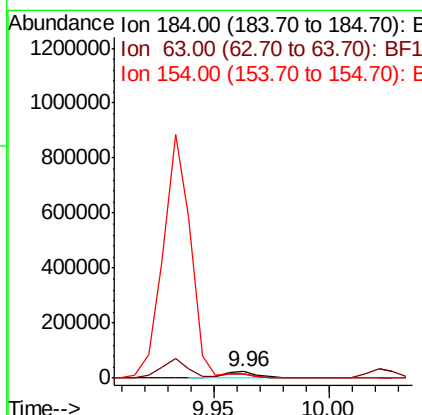
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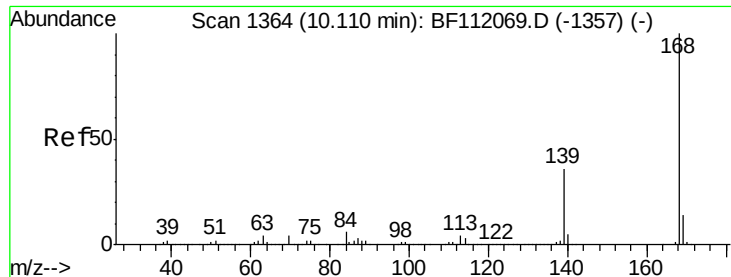
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#54
2,4-Dinitrophenol
Concen: 7.408 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	47.1	70.7
154	61.2	48.9	73.3





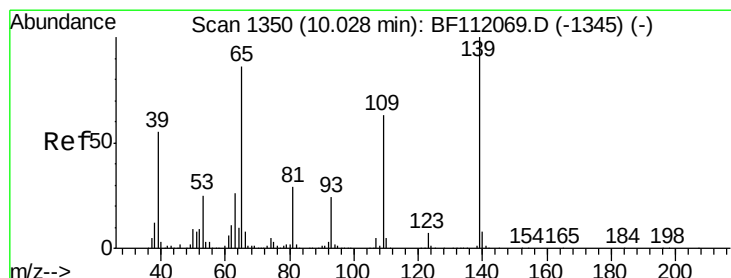
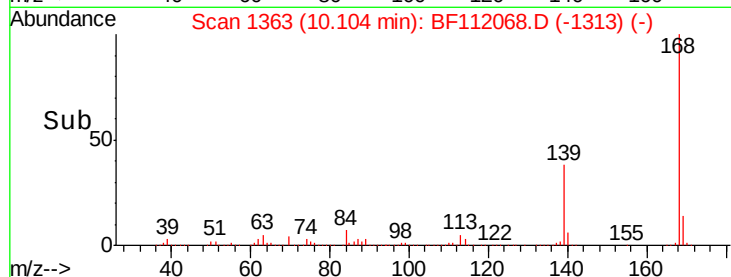
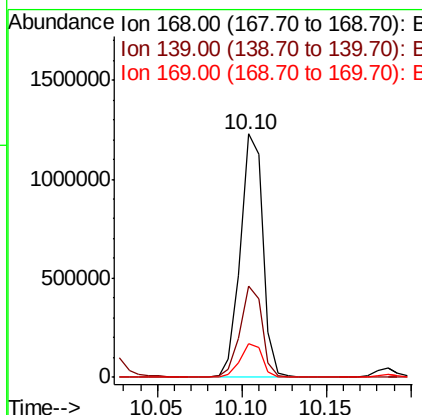
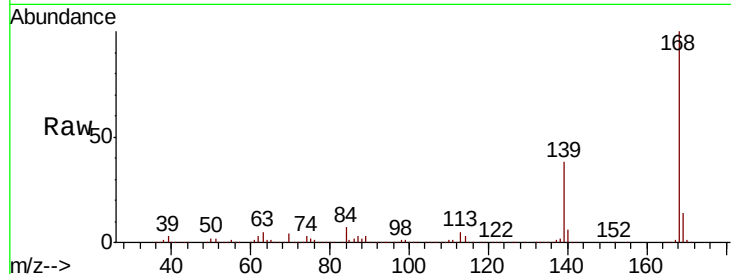
#55
 Dibenzofuran
 Concen: 25.806 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:168 Resp: 1140772
 Ion Ratio Lower Upper
 168 100
 139 37.6 29.2 43.8
 169 13.7 11.4 17.0

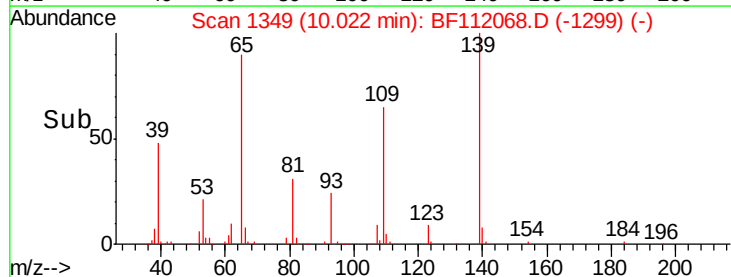
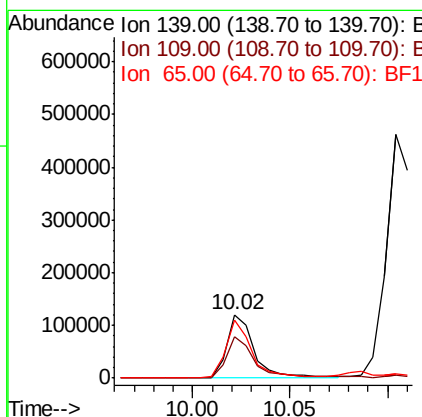
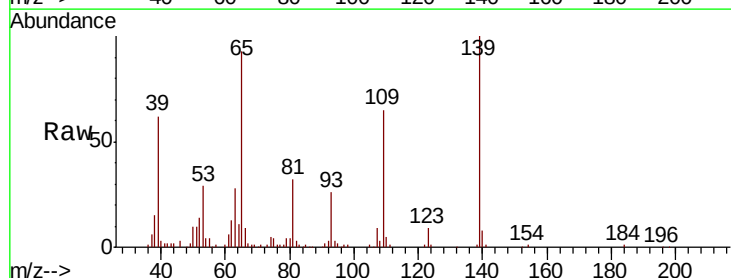
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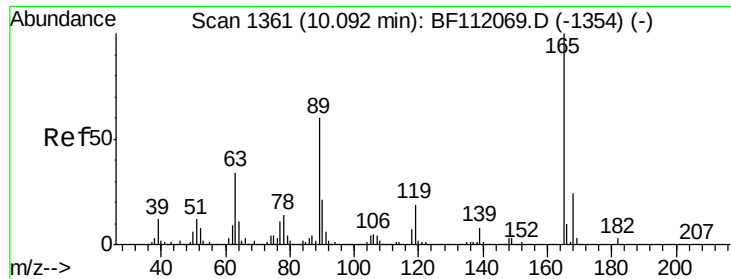
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#56
 4-Nitrophenol
 Concen: 18.969 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion:139 Resp: 117134
 Ion Ratio Lower Upper
 139 100
 109 65.5 42.8 82.8
 65 92.5 66.1 106.1





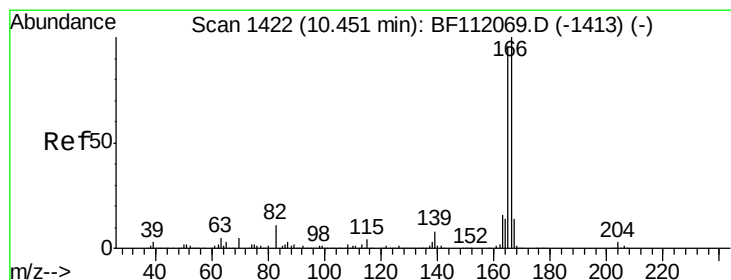
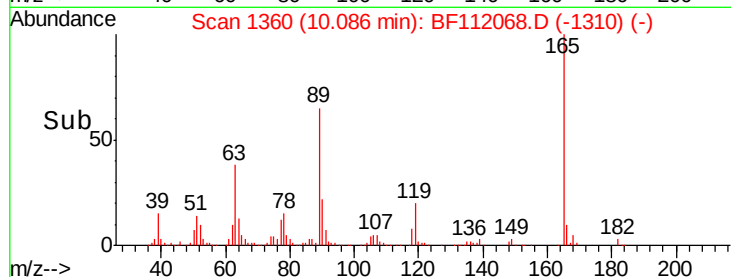
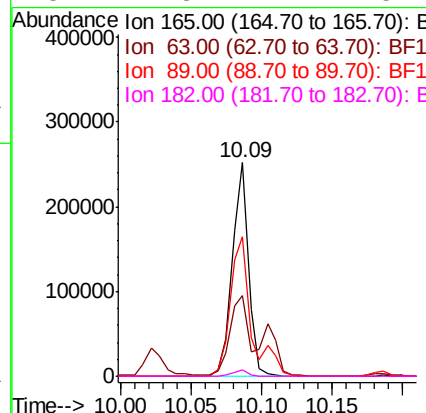
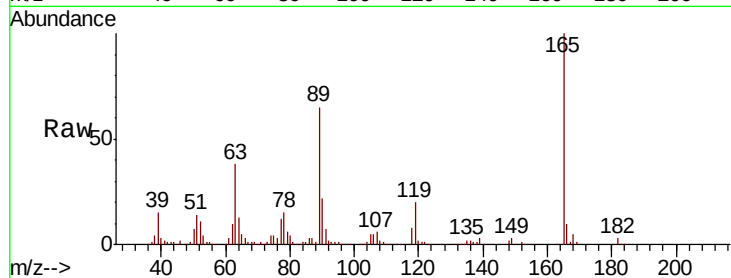
#57
2,4-Dinitrotoluene
Concen: 19.106 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201466		
63	37.9	27.9	41.9	
89	65.2	47.9	71.9	
182	2.8	2.2	3.4	

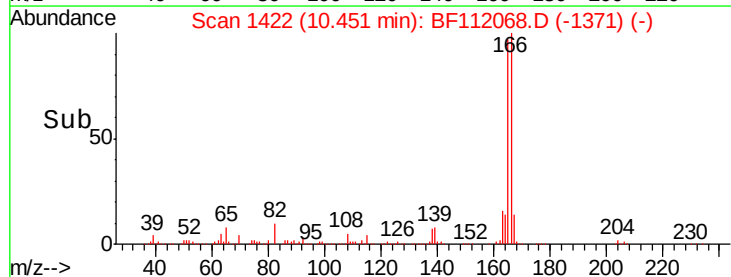
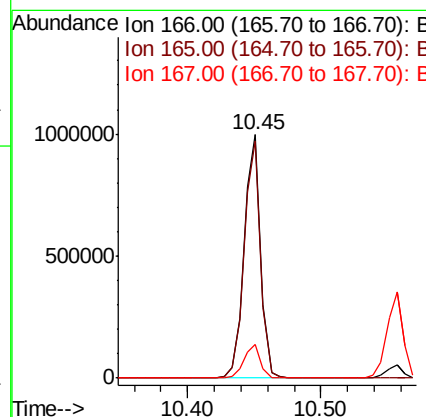
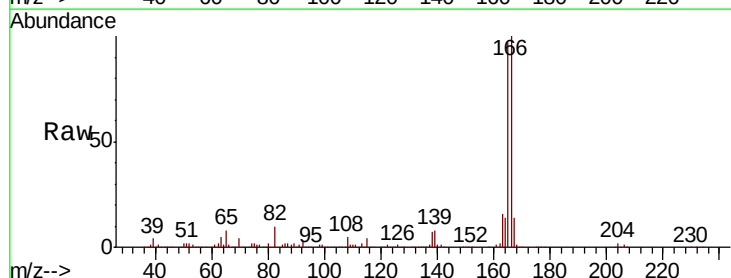
Manual Integrations
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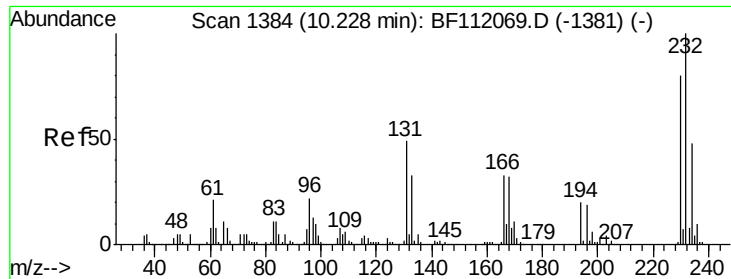
Sohil
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#58
Fluorene
Concen: 26.527 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	853278		
165	97.4	77.1	115.7	
167	13.7	11.3	16.9	





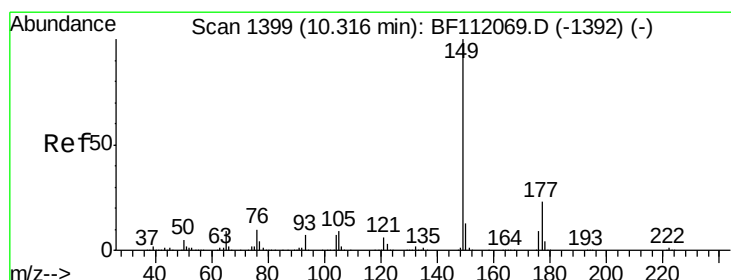
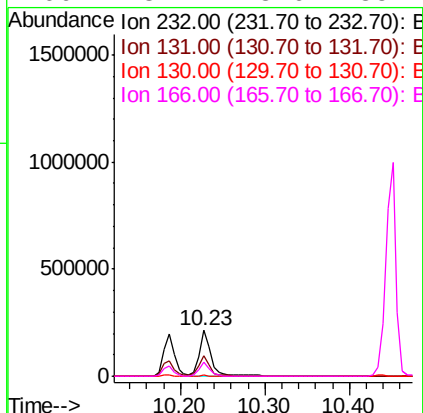
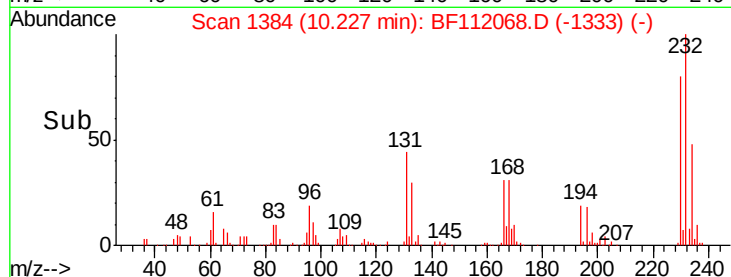
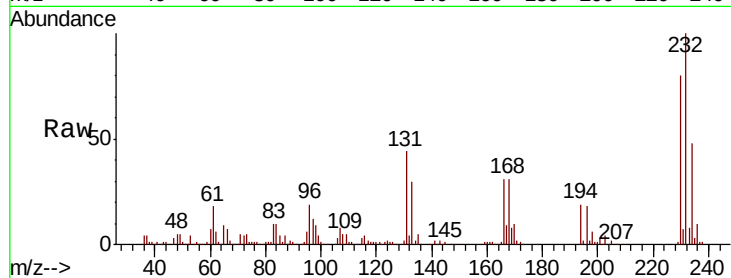
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.609 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tot Ion	Ratio	Resp	Lower	Upper
232	100	200376		
131	41.6		33.9	50.9
130	2.2		1.8	2.6
166	28.1		23.6	35.4

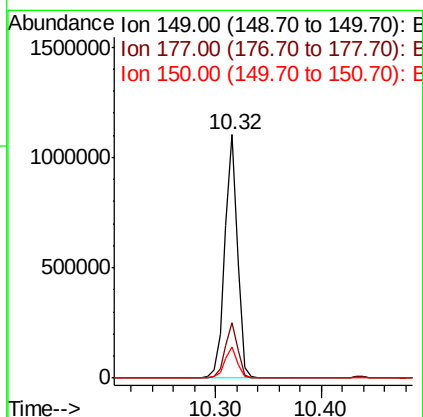
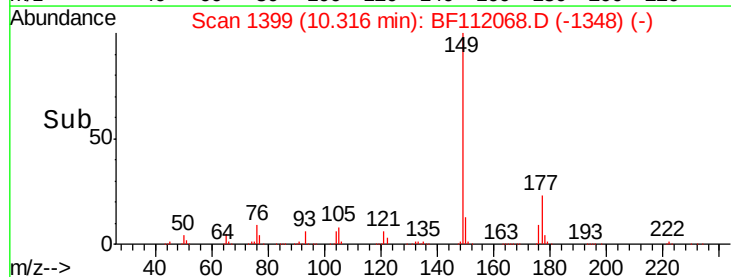
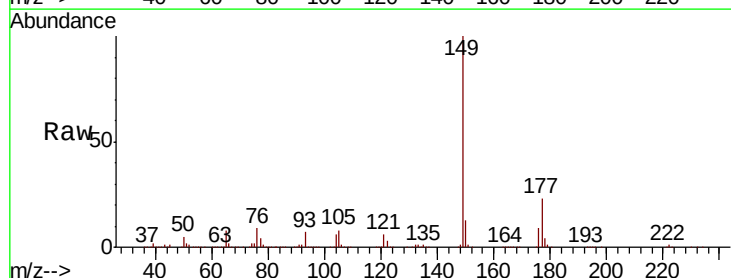
Manual Integrations
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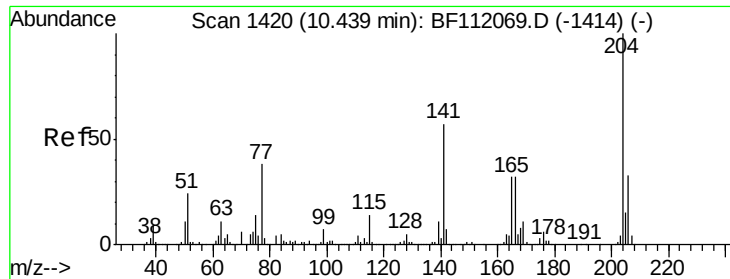
Sohil
1/17/2019 2:07:52 PM



#60
Diethylphthalate
Concen: 26.139 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	923112		
177	22.8		18.2	27.2
150	12.6		10.4	15.6





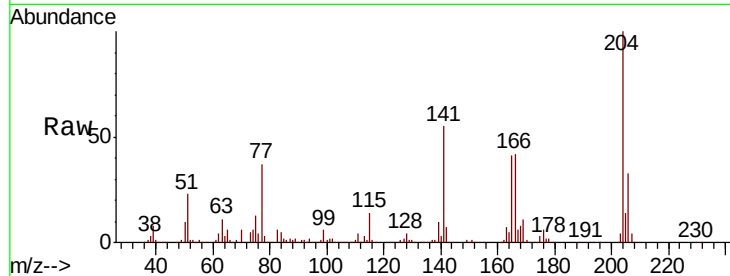
#61
4-Chlorophenyl-phenylether
Concen: 25.771 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	54.5	45.9	68.9

Manual Integrations
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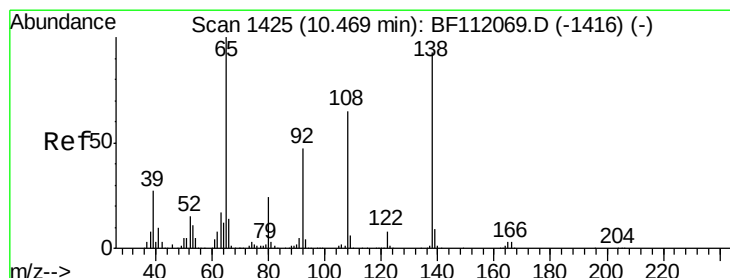
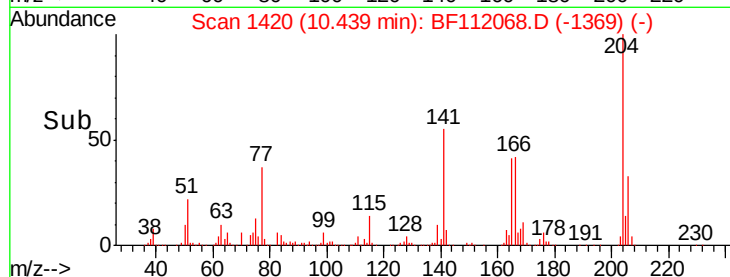
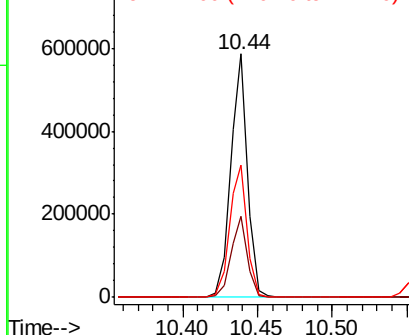


Abundance

Ion 204.00 (203.70 to 204.70): E

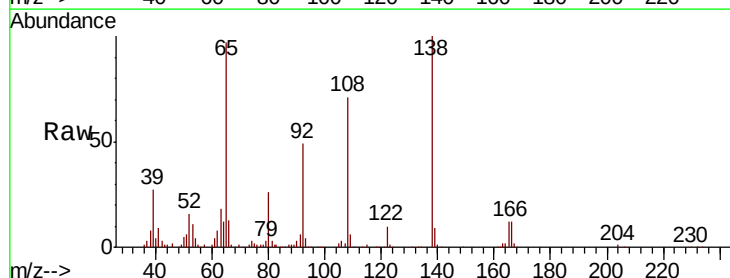
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 23.943 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.6	70.6
108	70.7	50.0	90.0

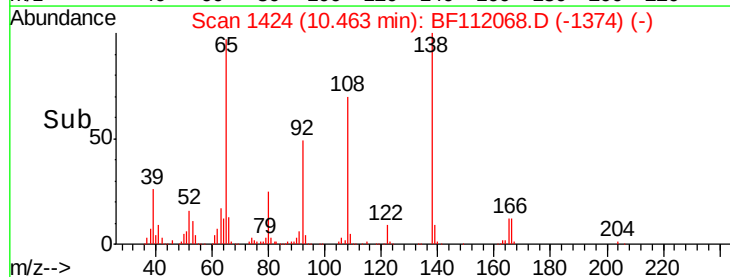
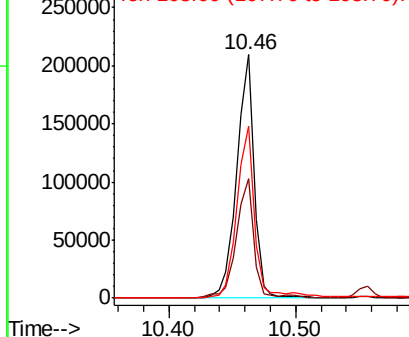


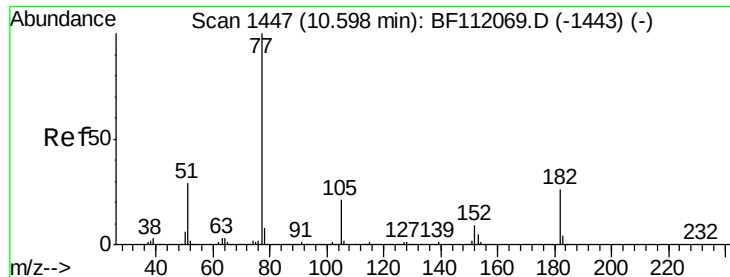
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





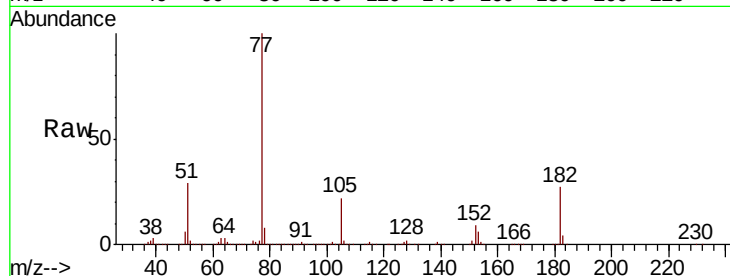
#63
Azobenzene
Concen: 25.809 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	5.7	45.7	
105	21.7	1.4	41.4	
51	28.9	9.5	49.5	

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1/17/2019 2:07:52 PM



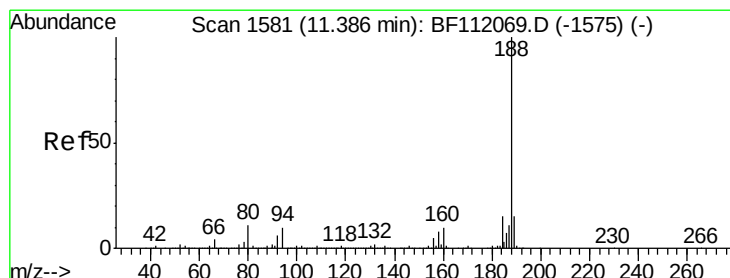
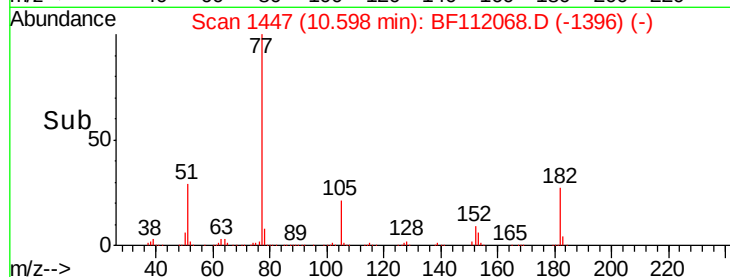
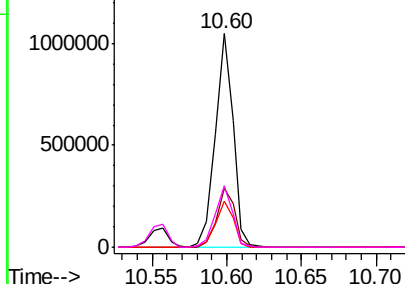
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

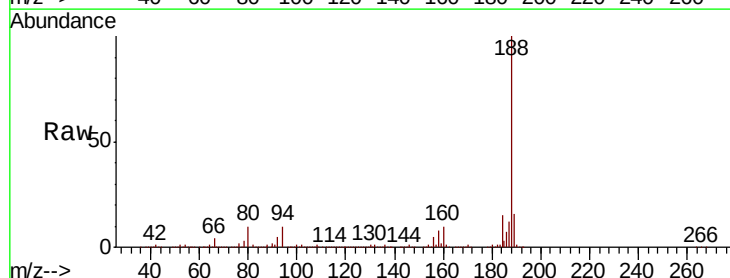
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.2	12.2	
80	10.1	8.9	13.3	

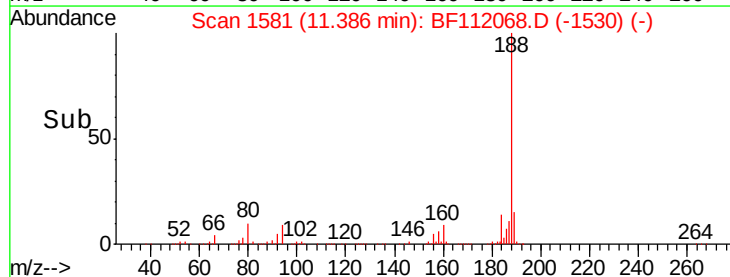
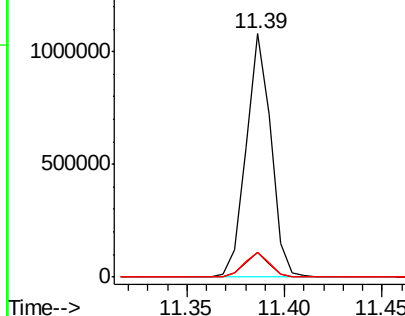


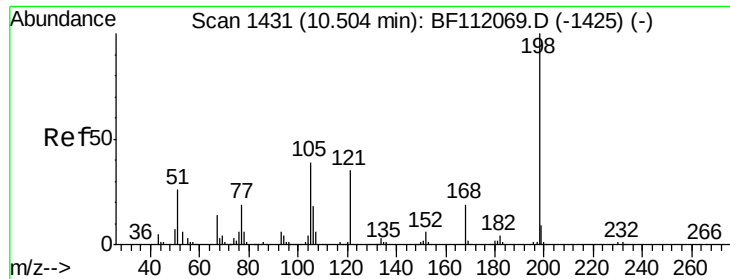
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





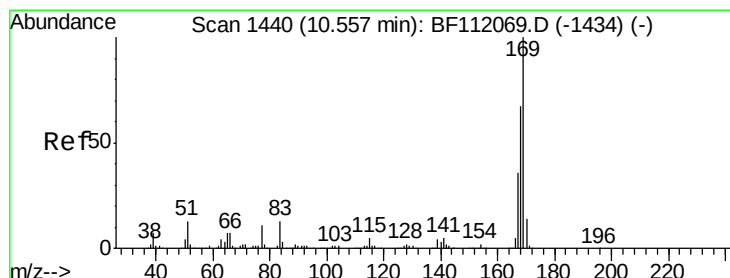
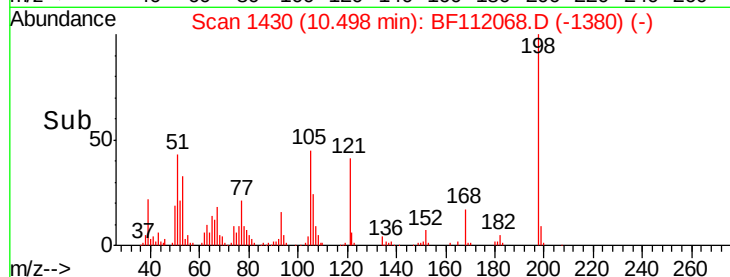
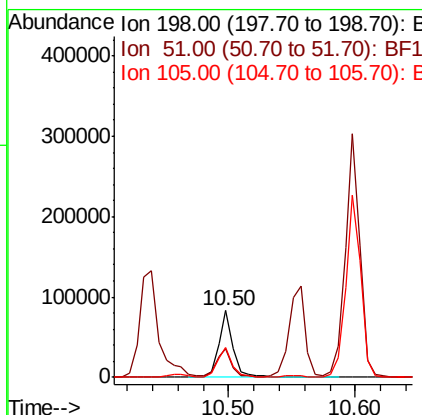
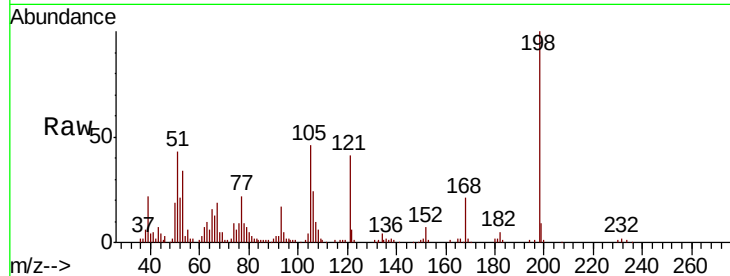
#65
4,6-Dinitro-2-methylphenol
Concen: 11.196 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.8	17.2	57.2
105	45.6	21.9	61.9

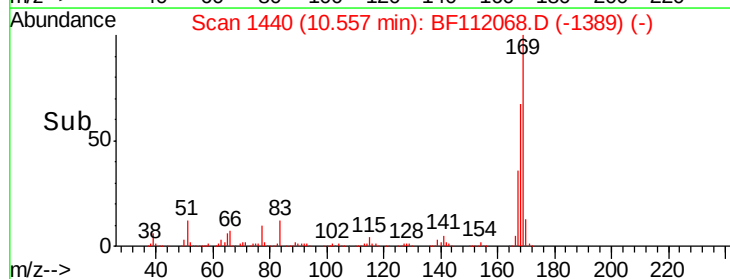
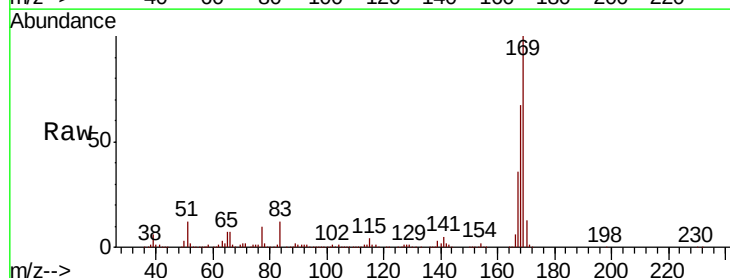
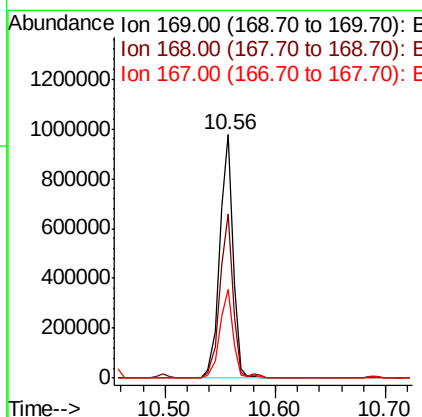
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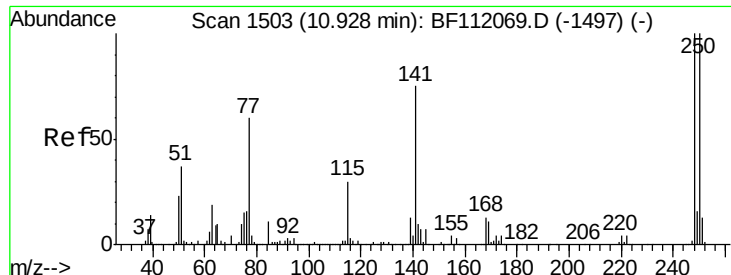
Sohil
1/17/2019 2:07:52 PM



#66
n-Nitrosodiphenylamine
Concen: 25.650 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.9	80.9
167	36.4	28.9	43.3





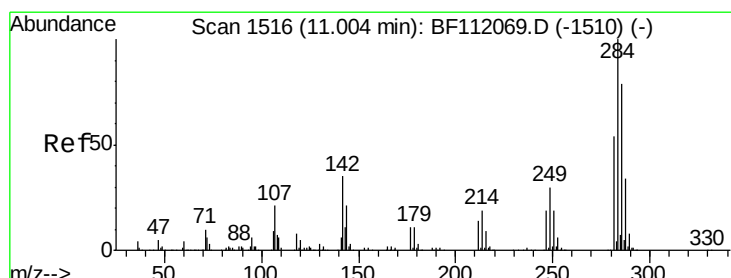
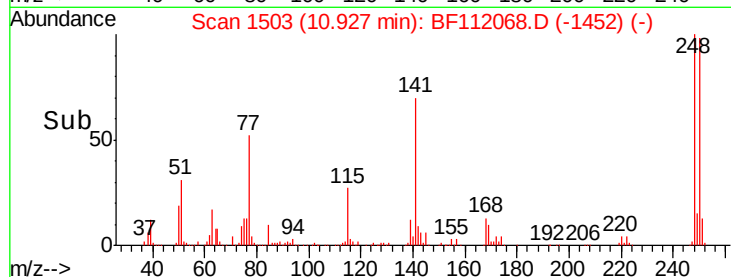
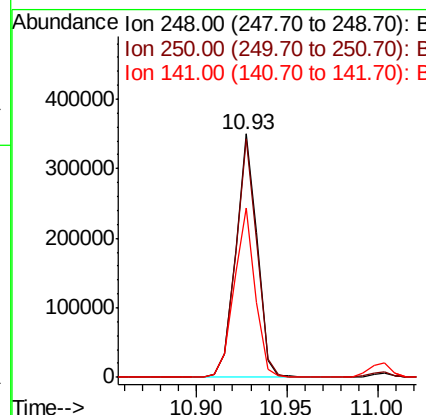
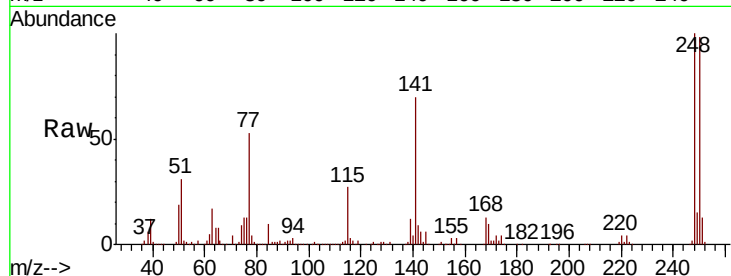
#67
4-Bromophenyl-phenylether
Concen: 23.283 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	69.6	60.3	90.5

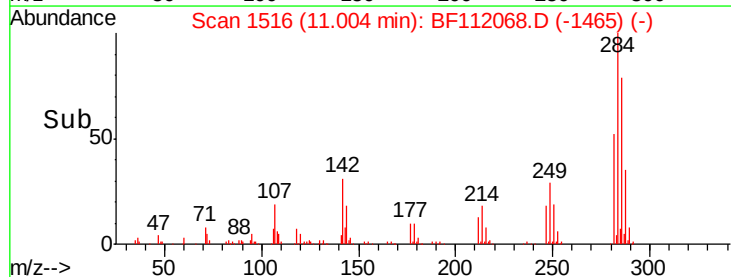
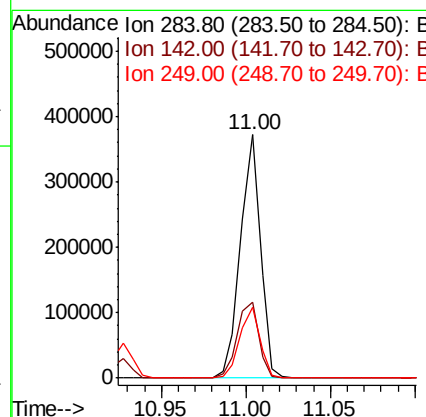
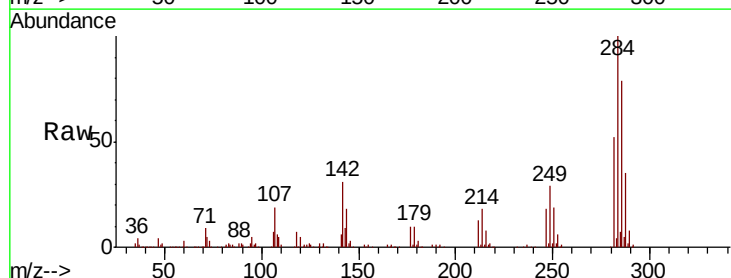
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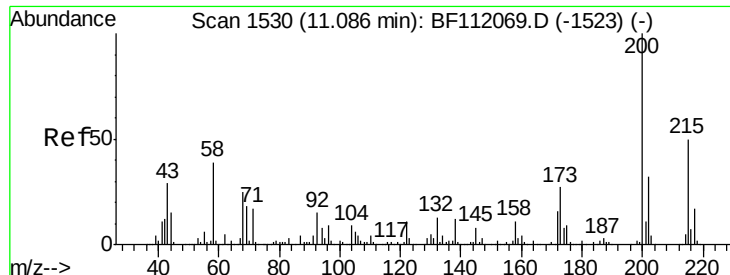
Sohil
1/17/2019 2:07:52 PM



#68
Hexachlorobenzene
Concen: 22.534 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	27.6	41.4
249	29.3	24.1	36.1





#69

Atrazine

Concen: 23.835 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

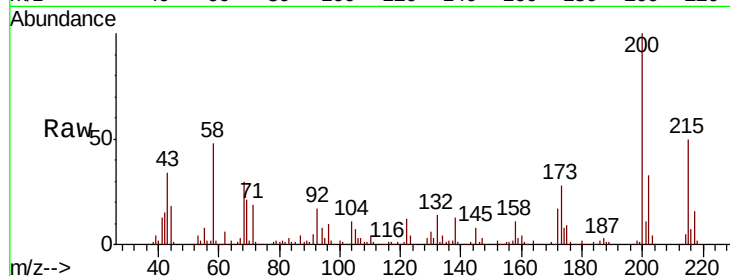
ClientSampleId :

SSTDIC025

Tot Ion:	200	Resp:	266753
Ion Ratio	Lower	Upper	
200	100		
173	28.3	7.1	47.1
215	50.5	30.4	70.4

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1/17/2019 2:07:52 PM

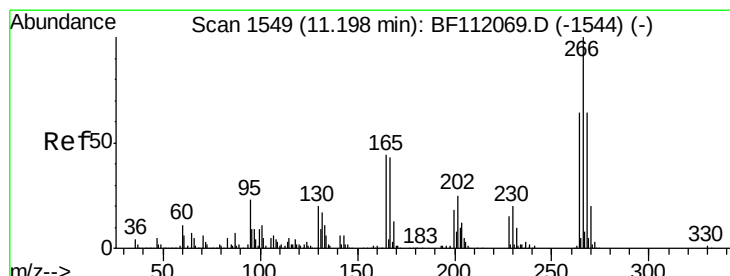
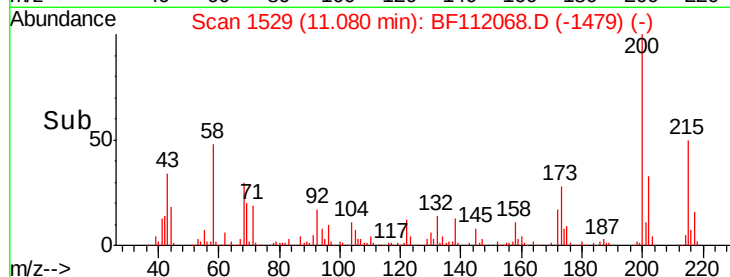
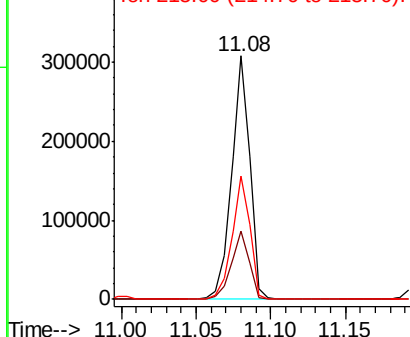


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 14.226 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

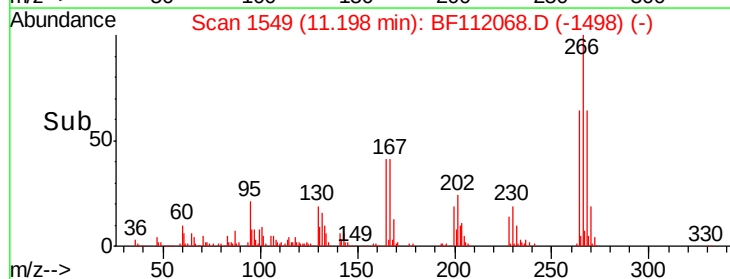
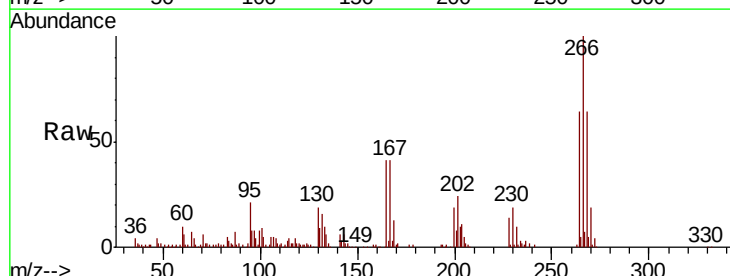
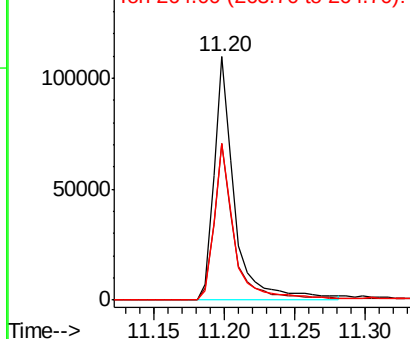
Tgt Ion:	266	Resp:	110304
Ion Ratio	Lower	Upper	
266	100		
268	64.4	51.2	76.8
264	64.3	50.9	76.3

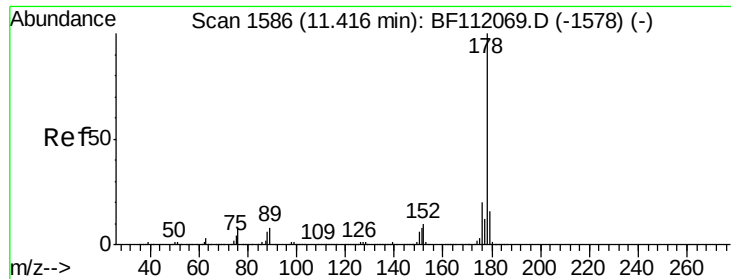
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 24.837 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:178 Resp: 1260487

Ion Ratio Lower Upper

178 100

176 19.5 16.3 24.5

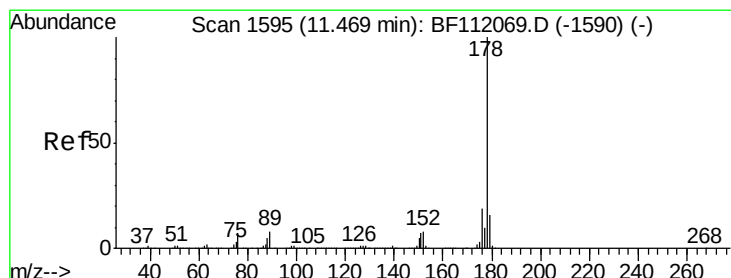
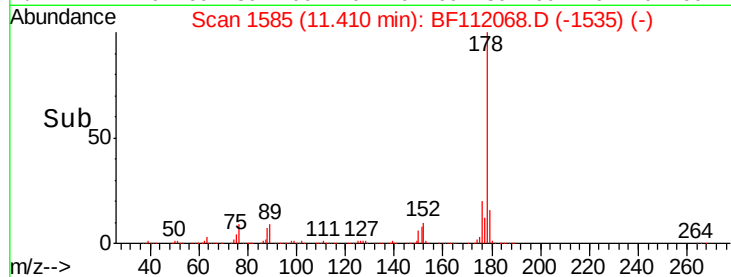
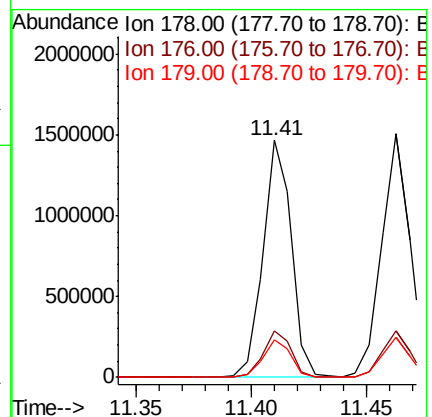
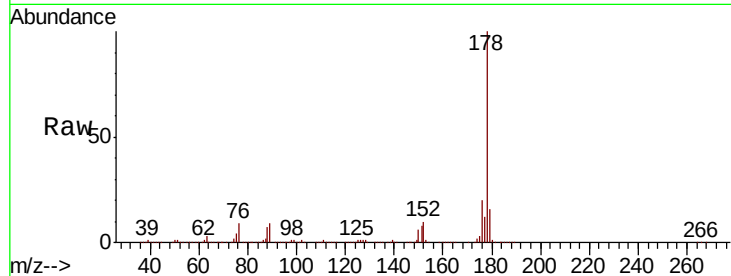
179 15.9 13.0 19.4

Manual Integrations

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1/17/2019 2:07:52 PM



#72

Anthracene

Concen: 24.923 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

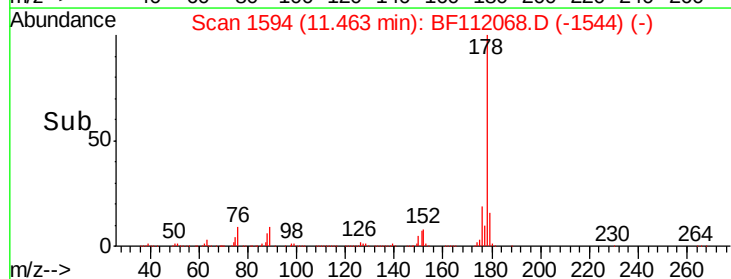
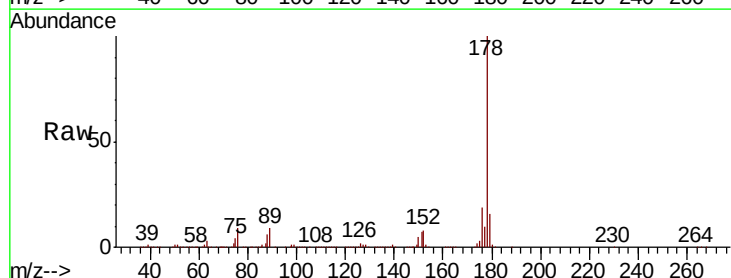
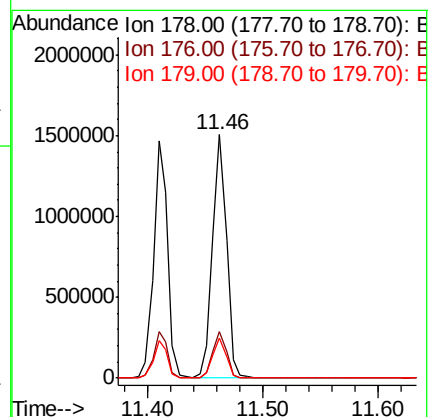
Tgt Ion:178 Resp: 1284012

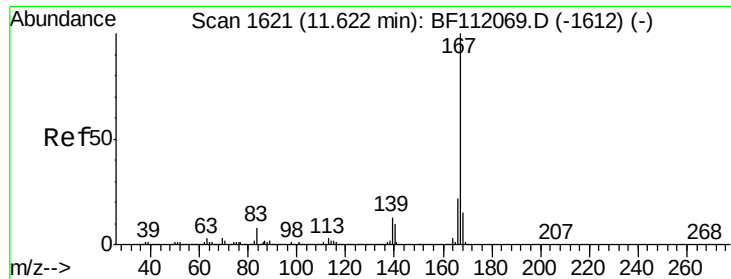
Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

179 16.2 12.8 19.2





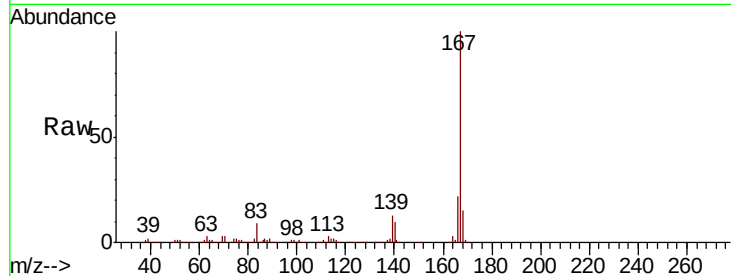
#73
 Carbazole
 Concen: 25.845 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	13.2	10.2	15.2

Manual Integrations
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 1/17/2019 2:07:52 PM

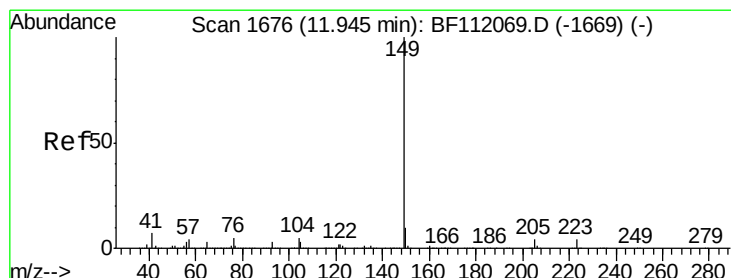
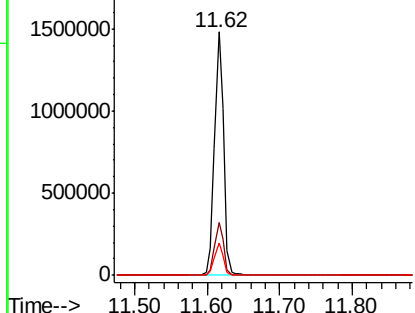
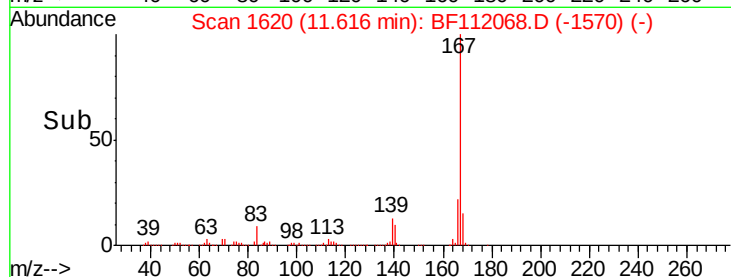


Abundance

Ion 167.00 (166.70 to 167.70): E

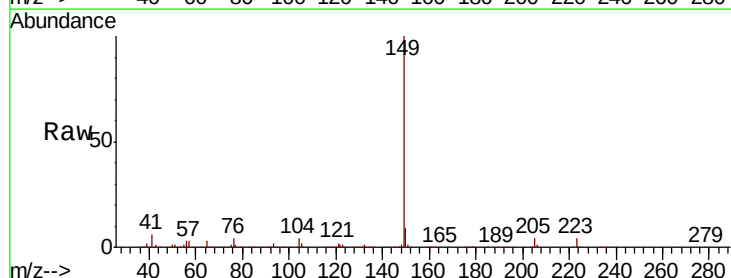
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 25.237 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.3	3.9	5.9

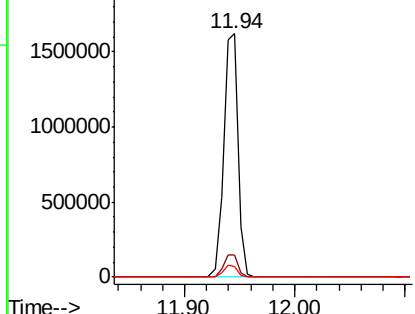
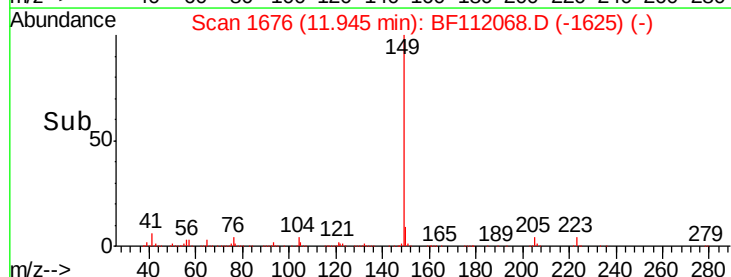


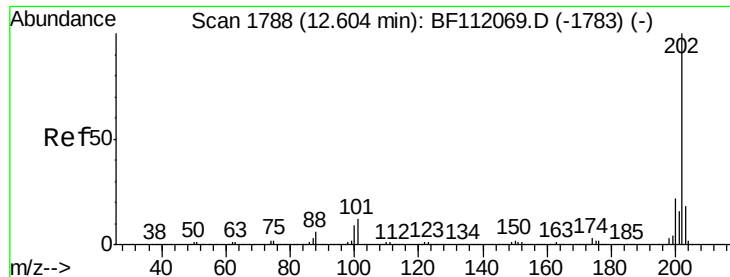
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





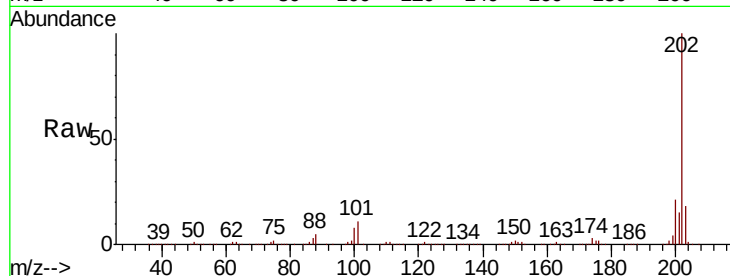
#75
Fluoranthene
Concen: 25.933 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

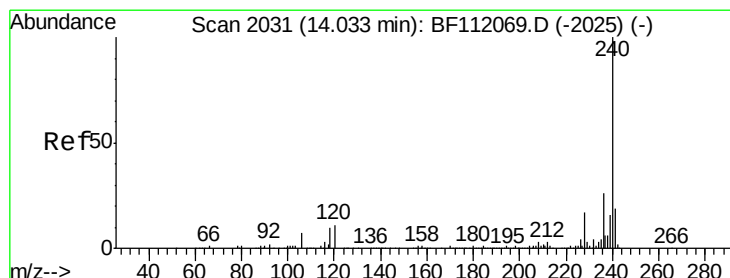
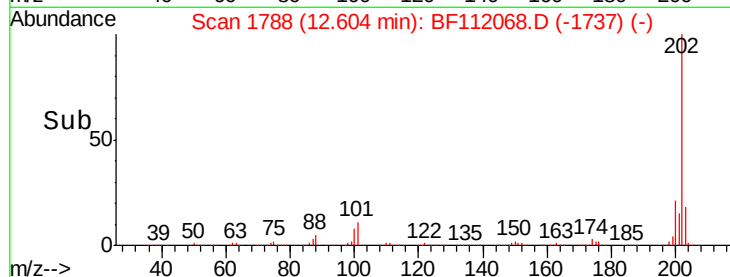
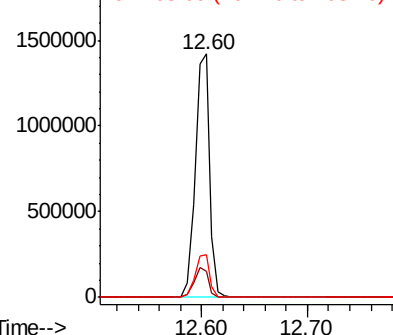
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.8
203	17.8	0.0	38.4

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1/17/2019 2:07:52 PM

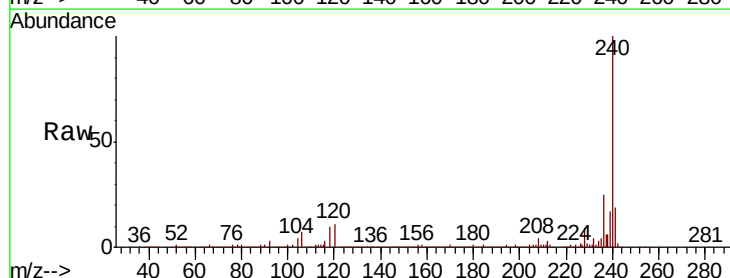


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

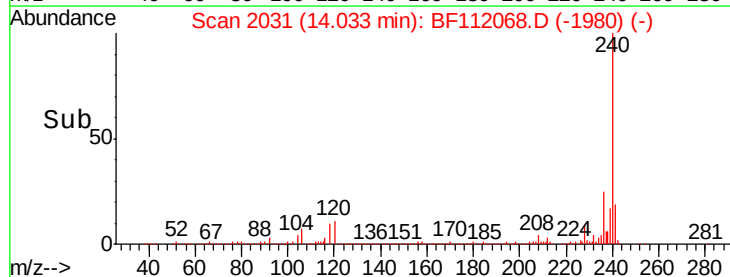
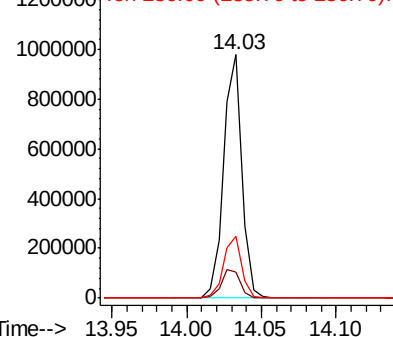


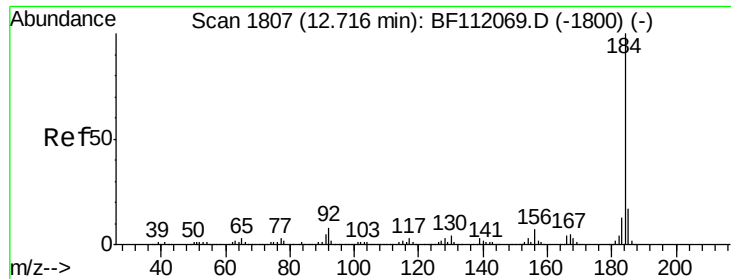
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	25.3	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.319 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

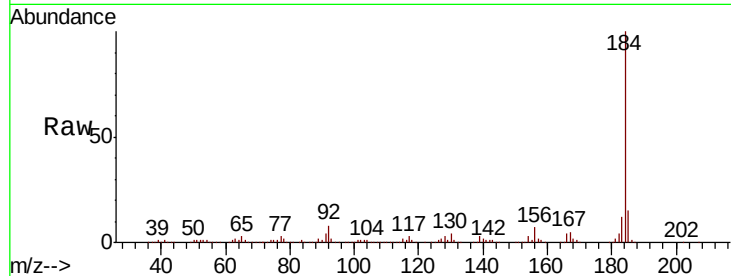
ClientSampled :

SSTDIC025

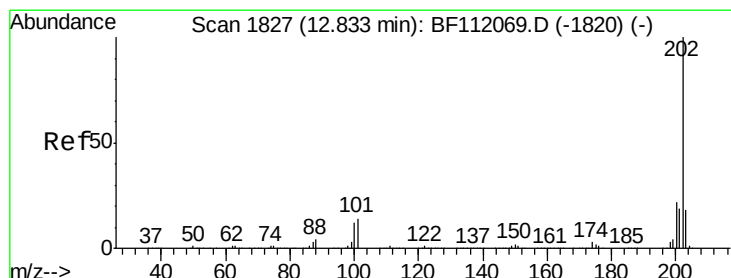
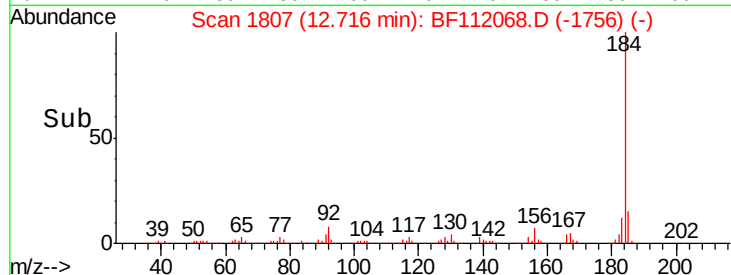
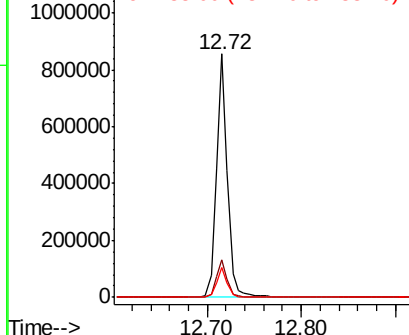
Tot Ion:	184	Resp:	709930
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.9	20.9
183	12.2	10.0	15.0

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1/17/2019 2:07:52 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 24.381 ng

RT: 12.83 min Scan# 1827

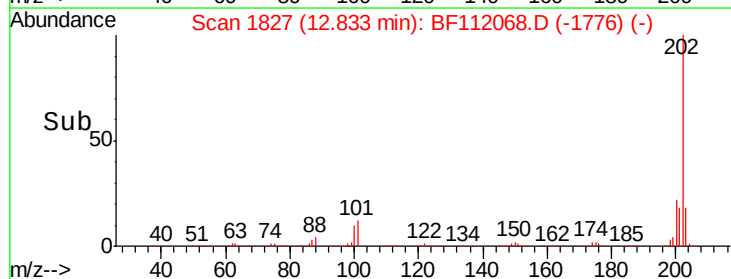
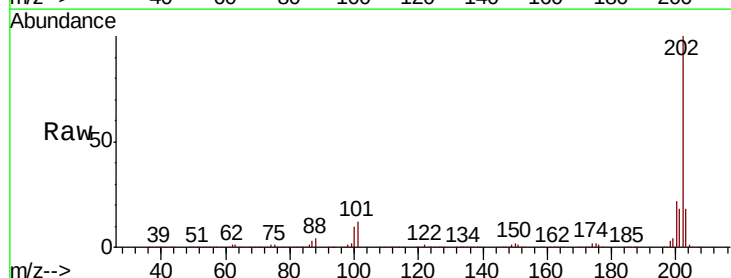
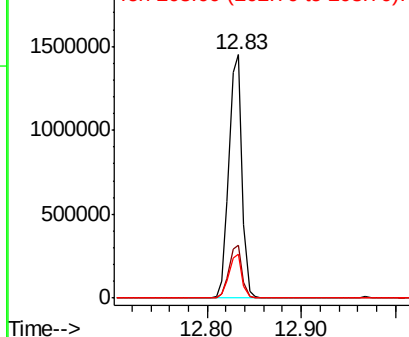
Delta R.T. -0.00 min

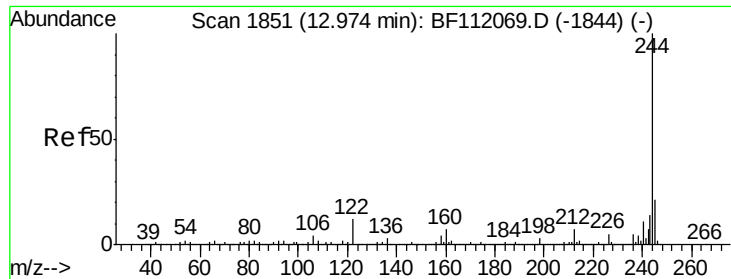
Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Tgt Ion:	202	Resp:	1407475
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	17.9	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





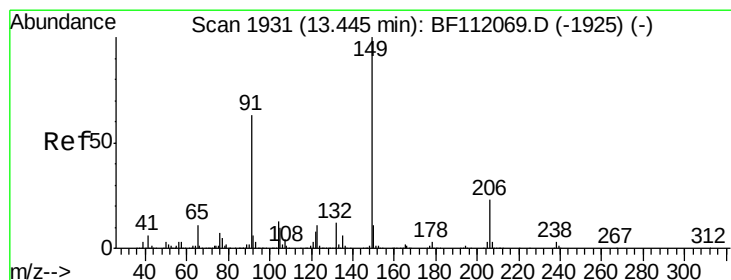
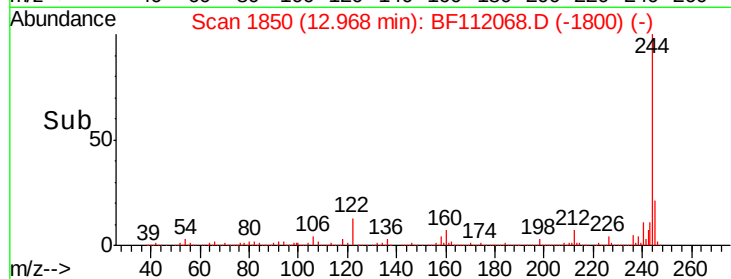
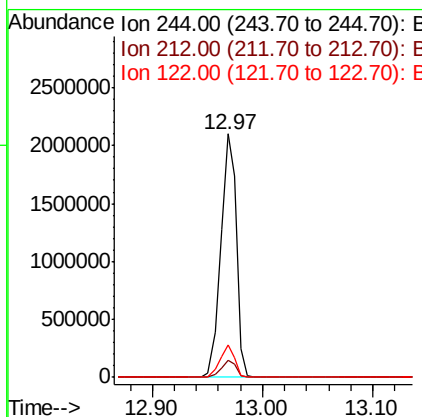
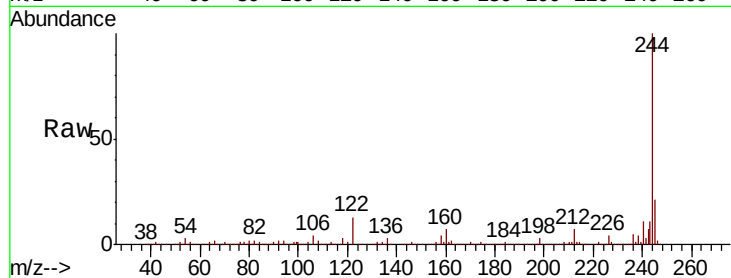
#79
 Terphenyl-d14
 Concen: 46.592 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	13.1	9.8	14.6

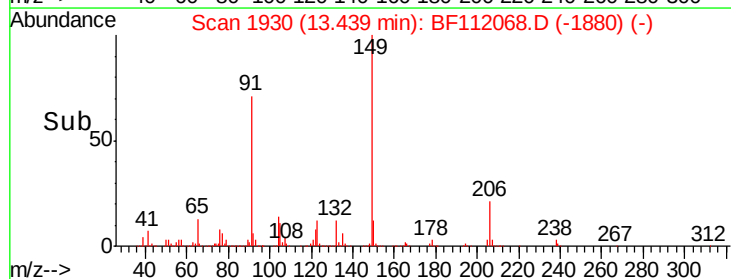
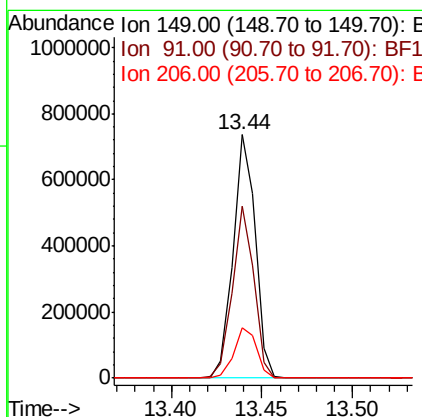
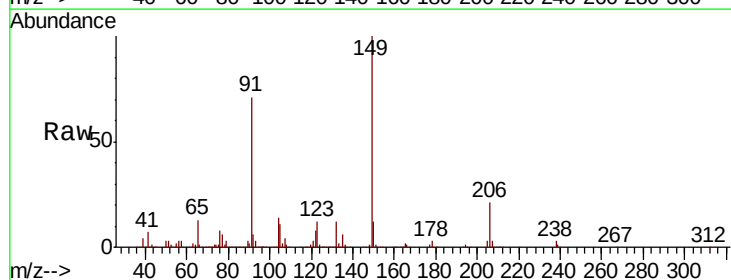
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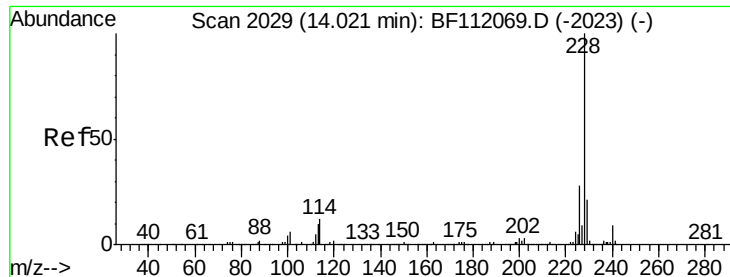
Sohil
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#80
 Butylbenzylphthalate
 Concen: 25.837 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF112068.D
 Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	50.3	75.5
206	20.7	18.2	27.4





#81

Benzo(a)anthracene

Concen: 26.010 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:228 Resp: 1255888

Ion Ratio Lower Upper

228 100

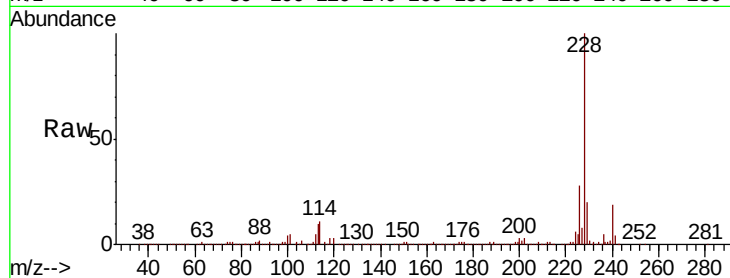
226 28.0 22.6 34.0

229 19.7 16.5 24.7

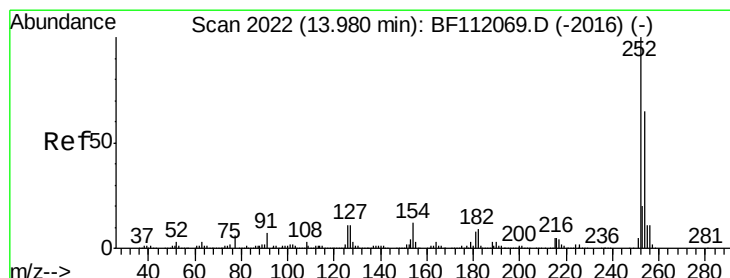
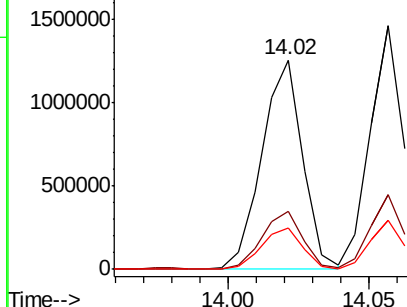
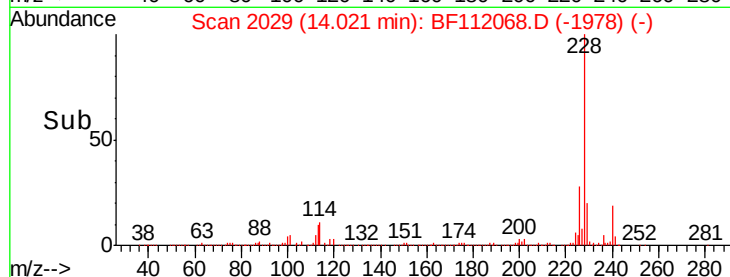
Manual Integrations
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1/17/2019 2:07:52 PM



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.037 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

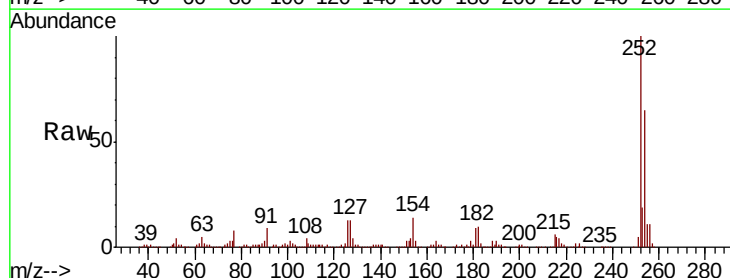
Tgt Ion:252 Resp: 499777

Ion Ratio Lower Upper

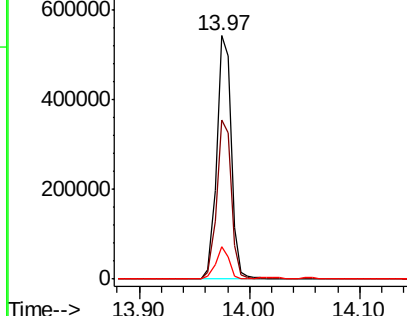
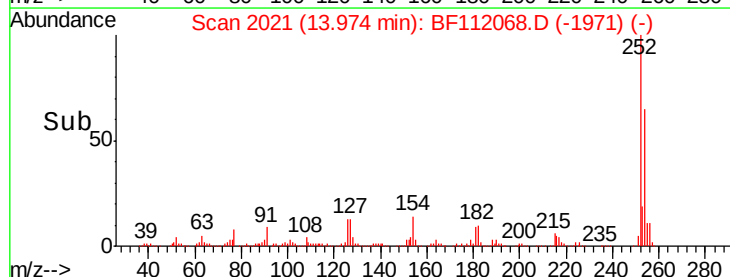
252 100

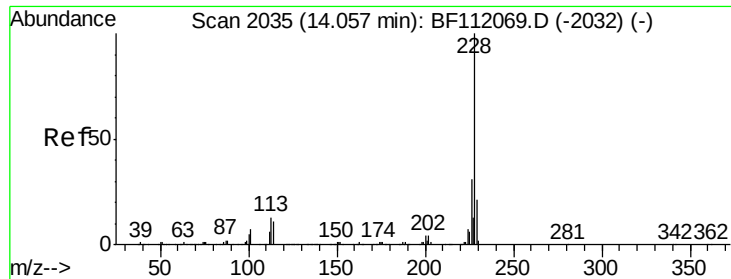
254 65.3 51.6 77.4

126 13.2 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





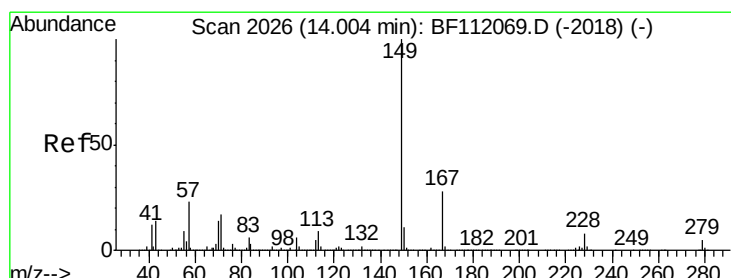
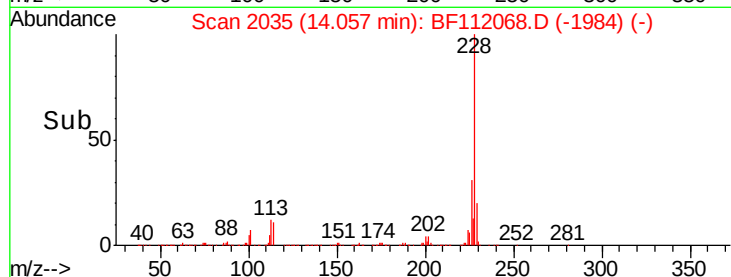
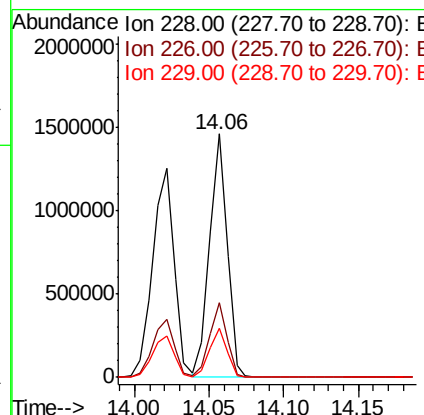
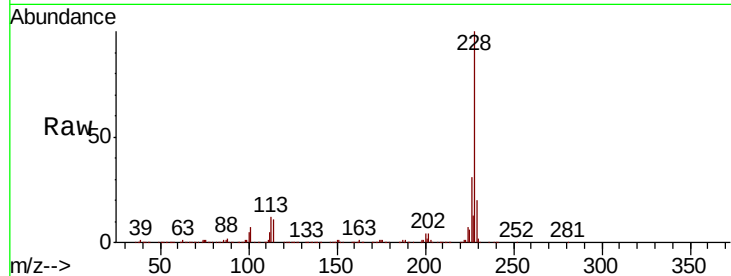
#83
Chrysene
Concen: 25.748 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.1	16.6	24.8

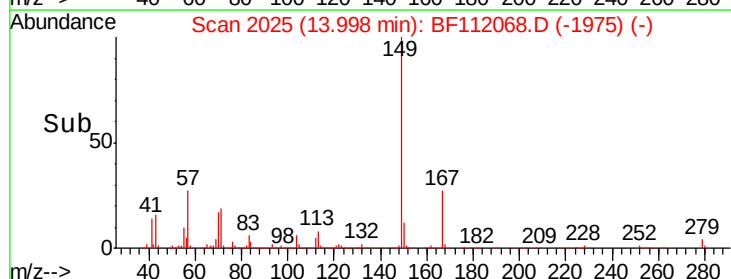
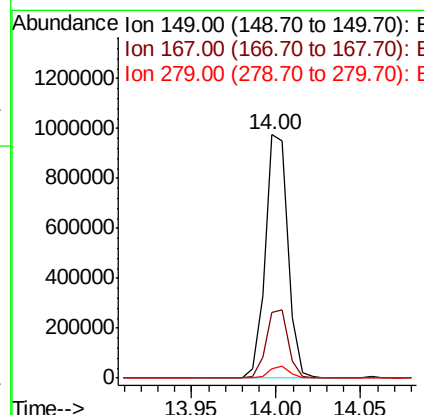
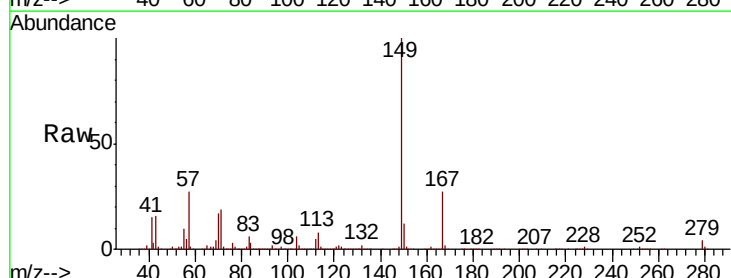
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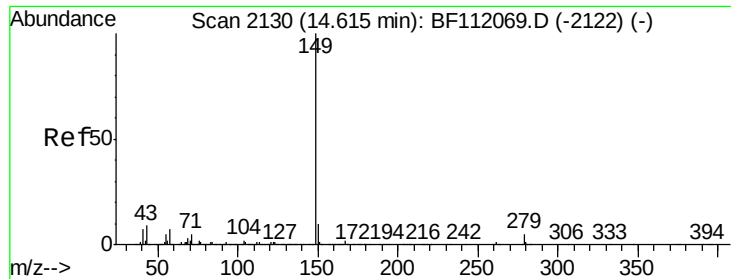
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 28.325 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	3.8	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 31.516 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:149 Resp: 1445572

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

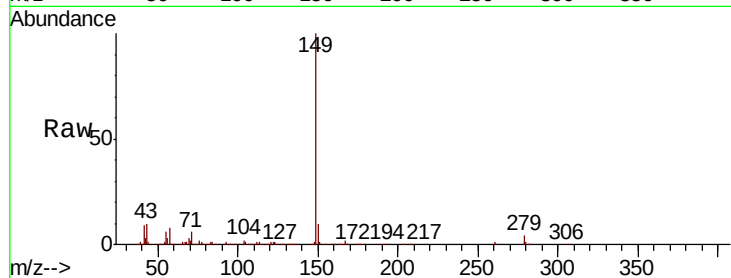
43 9.8 7.8 11.6

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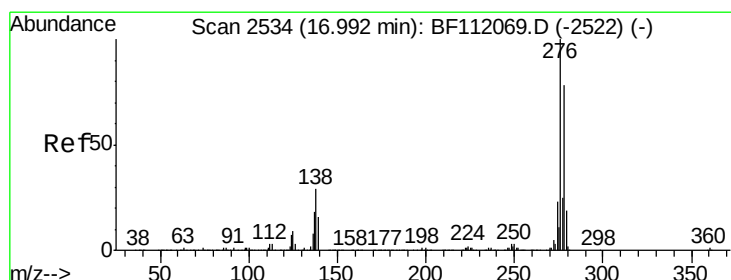
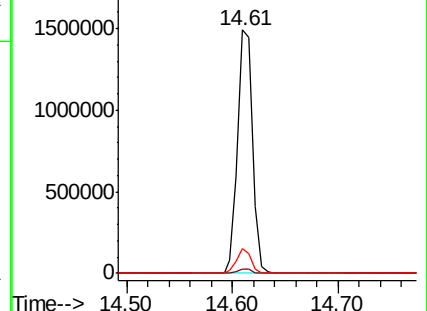
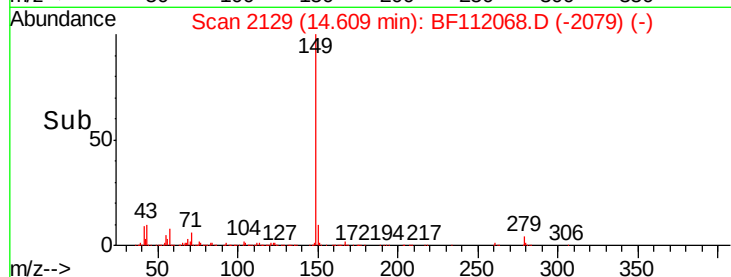
1/17/2019 2:07:52 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.563 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF112068.D

Acq: 16 Jan 2019 15:46

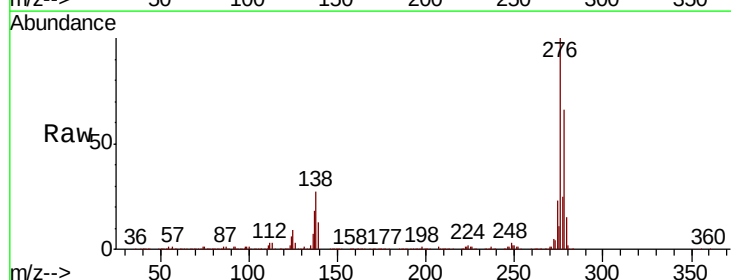
Tgt Ion:276 Resp: 1025801

Ion Ratio Lower Upper

276 100

138 28.1 22.6 34.0

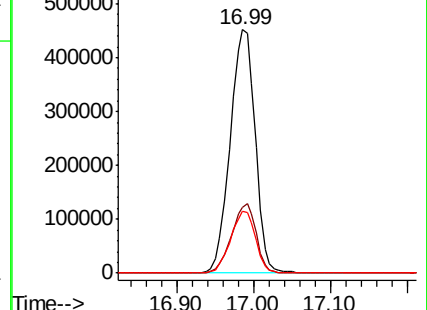
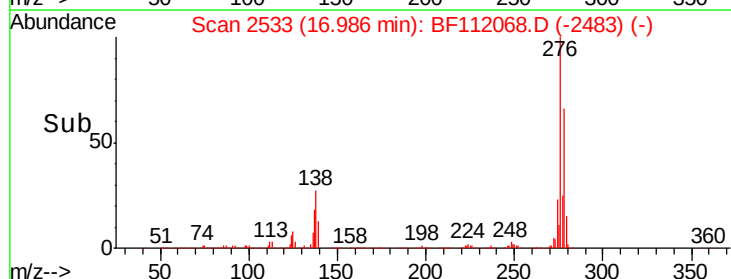
277 25.4 20.3 30.5

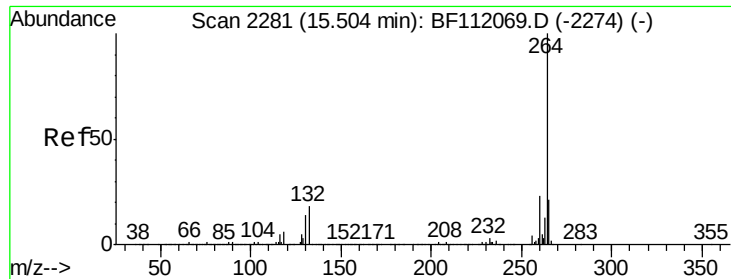


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





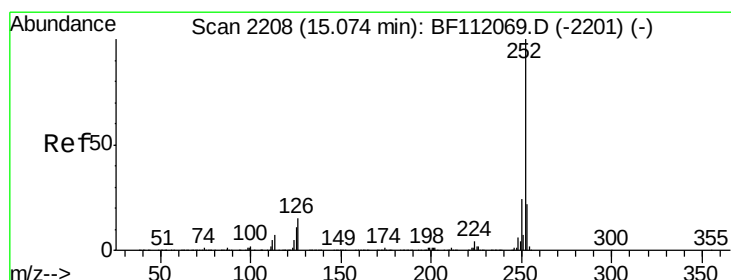
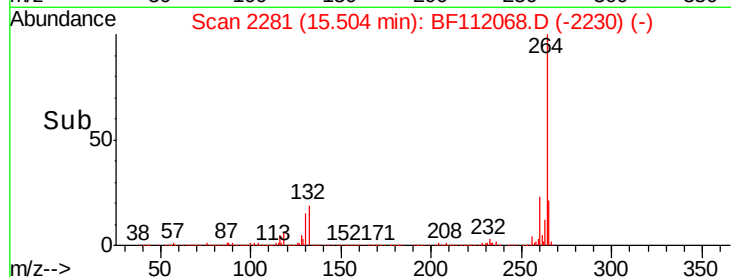
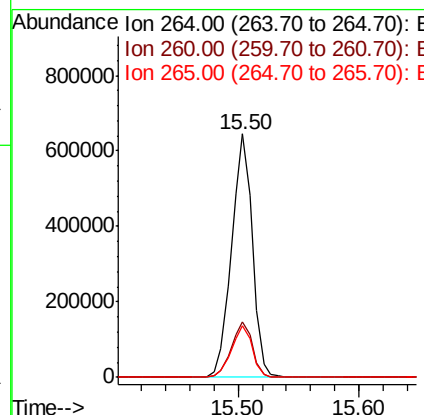
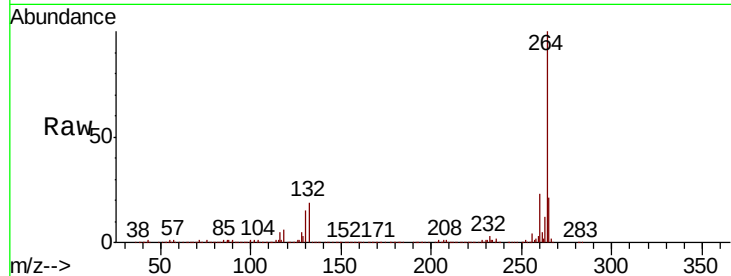
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.3	17.0	25.4

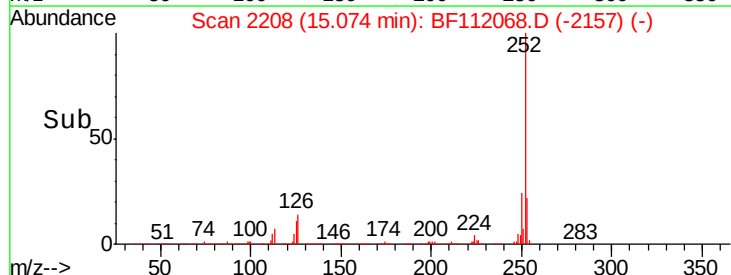
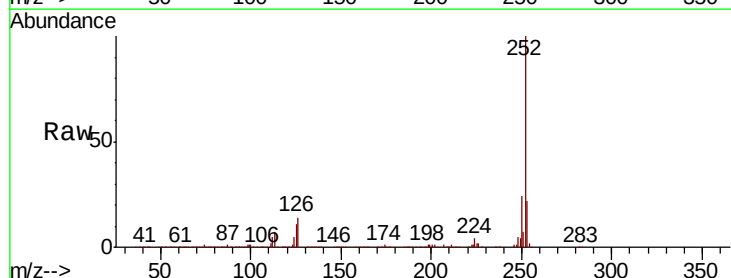
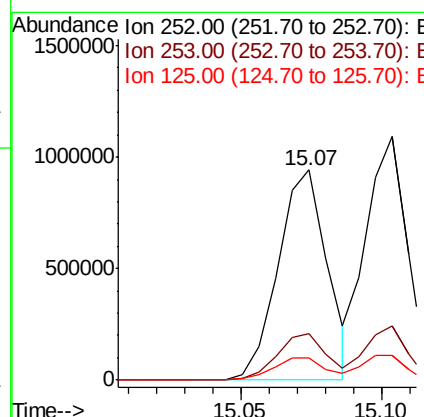
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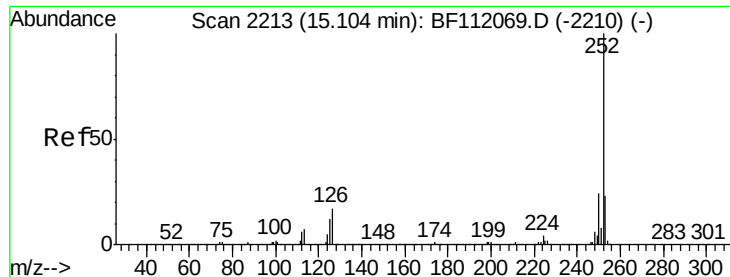
Sohil
1/17/2019 2:07:52 PM



#88
Benzo(b)fluoranthene
Concen: 24.674 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.6	8.7	13.1





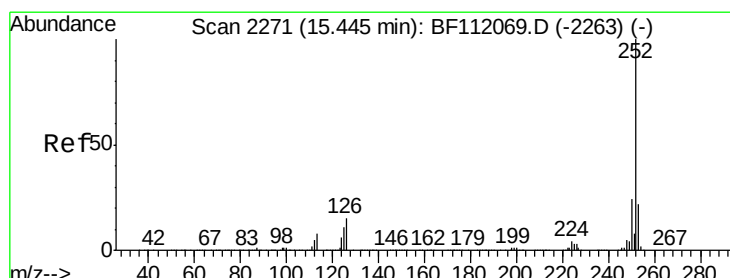
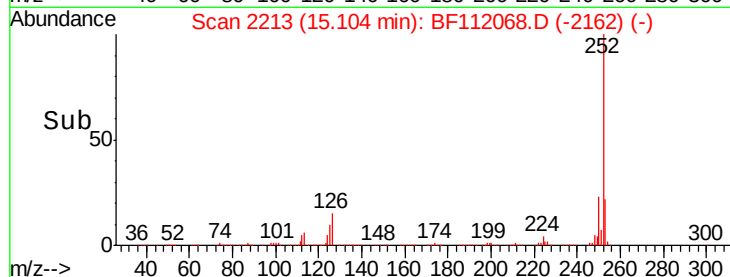
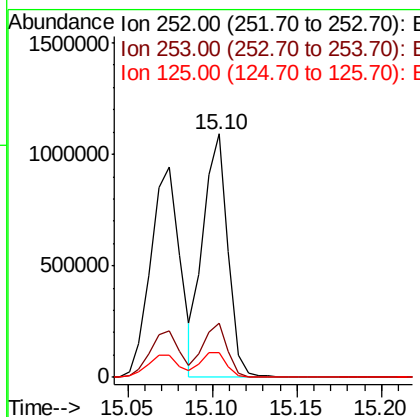
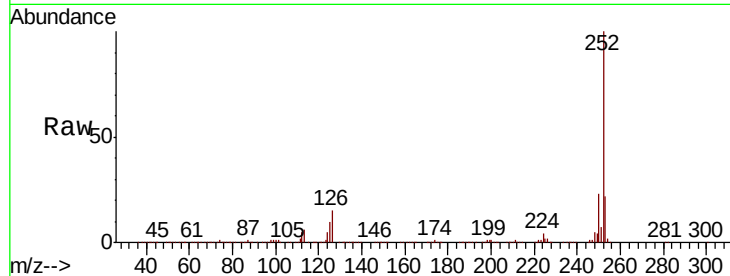
#89
Benzo(k)fluoranthene
Concen: 25.752 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	9.1	13.7

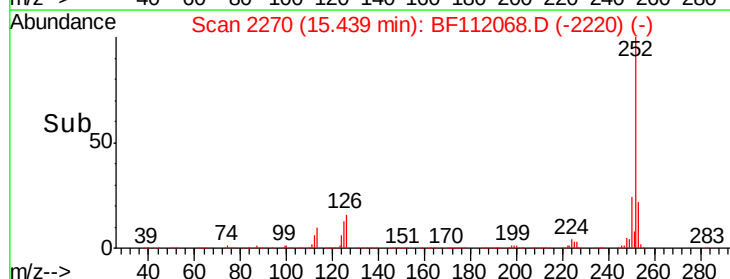
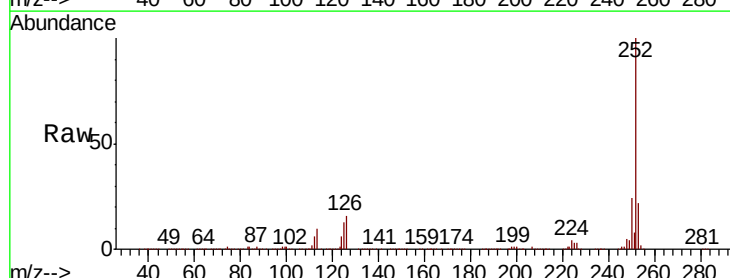
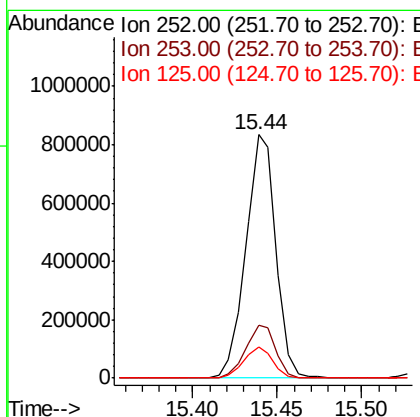
Manual Integrations
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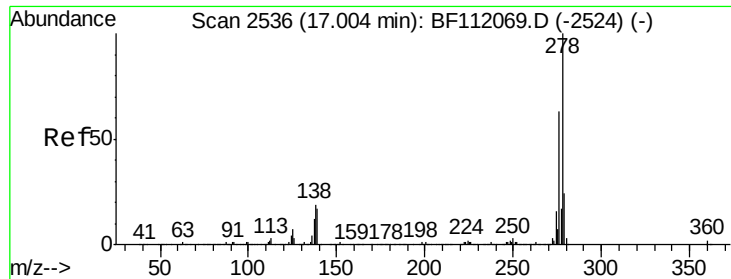
Sohil
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#90
Benzo(a)pyrene
Concen: 25.477 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.6	9.0	13.4





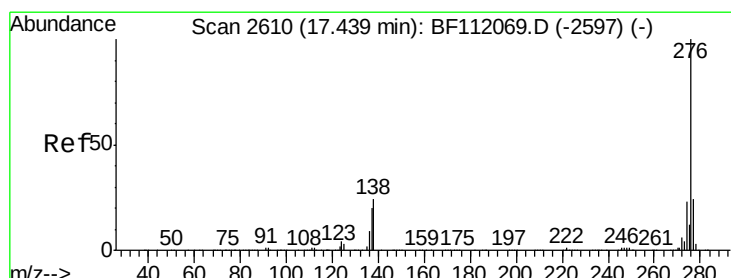
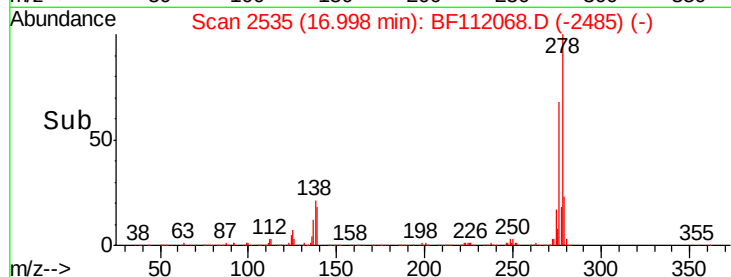
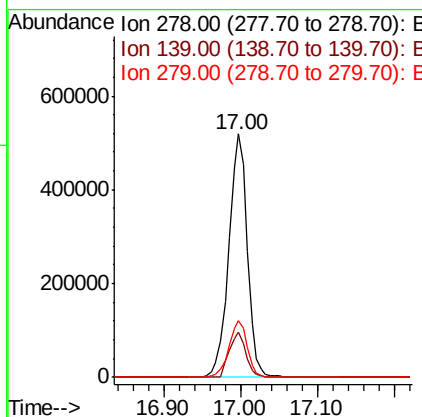
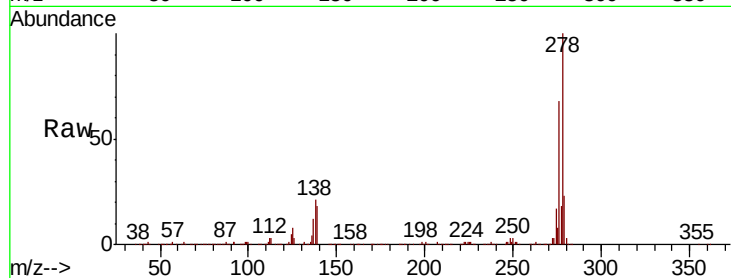
#91
Dibenzo(a,h)anthracene
Concen: 26.842 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.7	20.5
279	23.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/17/2019 2:07:52 PM



#92
Benzo(g,h,i)perylene
Concen: 25.796 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF112068.D
Acq: 16 Jan 2019 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	24.5	19.1	28.7

