

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111582.D
 Acq On : 18 Dec 2018 18:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 12/19/2018 4:09:30 PM

Quant Time: Dec 19 00:19:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	143655	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	532068	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	251168	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	708392	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	479520	20.00	ng	-0.01
87) Perylene-d12	15.37	264	309285	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	721803	83.61	ng	-0.01
7) Phenol-d6	6.43	99	920034	80.12	ng	-0.01
23) Nitrobenzene-d5	7.35	82	872103	97.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	205469	91.32	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1435214	88.26	ng	-0.02
79) Terphenyl-d14	12.89	244	1723957	84.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	149283	35.804	ng	# 93
3) Pyridine	3.22	79	374141	35.729	ng	89
4) n-Nitrosodimethylamine	3.17	42	171768	36.112	ng	83
6) Aniline	6.44	93	553939	38.889	ng	# 30
8) 2-Chlorophenol	6.57	128	434413	42.115	ng	97
9) Benzaldehyde	6.32	77	248001	35.607	ng	96
10) Phenol	6.44	94	503519	39.362	ng	# 65
11) bis(2-Chloroethyl)ether	6.52	93	413846	41.270	ng	98
12) 1,3-Dichlorobenzene	6.72	146	466800	41.112	ng	100
13) 1,4-Dichlorobenzene	6.79	146	473366	41.073	ng	98
14) 1,2-Dichlorobenzene	6.95	146	416619	38.425	ng	97
15) Benzyl Alcohol	6.92	79	343453	39.308	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	787843	40.239	ng	93
17) 2-Methylphenol	7.05	107	316036	38.071	ng	# 91
18) Hexachloroethane	7.29	117	172391	40.193	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	304610	40.207	ng	96
20) 3+4-Methylphenols	7.20	107	411501	39.518	ng	# 77
22) Acetophenone	7.19	105	585465	49.292	ng	# 92
24) Nitrobenzene	7.36	77	430155	47.194	ng	94
25) Isophorone	7.60	82	702563	46.471	ng	99
26) 2-Nitrophenol	7.68	139	223585	47.301	ng	97
27) 2,4-Dimethylphenol	7.72	122	329220	48.043	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	486555	46.619	ng	97
29) 2,4-Dichlorophenol	7.93	162	343782	46.995	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	314755	41.102	ng	98
31) Naphthalene	8.09	128	978661	39.326	ng	96
32) Benzoic acid	7.86	122	199358m	33.666	ng	
33) 4-Chloroaniline	8.13	127	420790	38.025	ng	98
34) Hexachlorobutadiene	8.20	225	184684	43.774	ng	98
35) Caprolactam	8.51	113	94773m	34.895	ng	
36) 4-Chloro-3-methylphenol	8.63	107	305332	37.920	ng	98
37) 2-Methylnaphthalene	8.77	142	637257	37.842	ng	99
38) 1-Methylnaphthalene	8.87	142	636274	39.111	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	289019	41.959	ng	99

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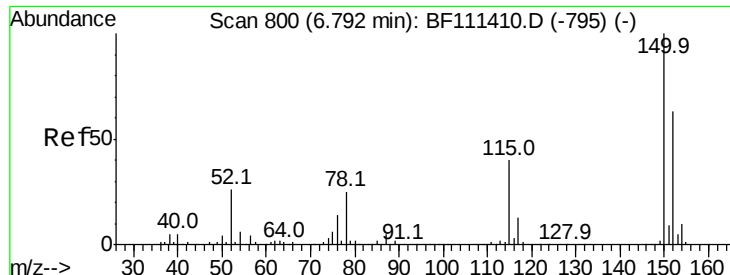
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	51412	14.538	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	180819	37.091	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	195733	37.730	nq	96
46) 1,1'-Biphenyl	9.24	154	877503	41.232	nq	94
47) 2-Chloronaphthalene	9.26	162	669415	41.381	nq	97
48) 2-Nitroaniline	9.36	65	205129	39.054	nq	94
49) Acenaphthylene	9.68	152	992636	41.339	nq	95
50) Dimethylphthalate	9.55	163	737063	40.747	nq	98
51) 2,6-Dinitrotoluene	9.60	165	163664	40.197	nq	98
52) Acenaphthene	9.85	154	611885	40.317	nq	98
53) 3-Nitroaniline	9.77	138	183358	37.076	nq	97
54) 2,4-Dinitrophenol	9.88	184	26851	17.334	nq	# 76
55) Dibenzofuran	10.02	168	911418	41.373	nq	99
56) 4-Nitrophenol	9.95	139	81185	23.721	nq	96
57) 2,4-Dinitrotoluene	10.00	165	212590	39.781	nq	94
58) Fluorene	10.36	166	684088	42.813	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	157841	38.942	nq	98
60) Diethylphthalate	10.24	149	761957	41.585	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	341003	43.620	nq	98
62) 4-Nitroaniline	10.39	138	174087	35.559	nq	93
63) Azobenzene	10.52	77	740879	41.015	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	78030	19.511	nq	95
66) n-Nitrosodiphenylamine	10.47	169	636279	26.046	nq	97
67) 4-Bromophenyl-phenylether	10.85	248	250620	32.825	nq	98
68) Hexachlorobenzene	10.92	284	316062	40.243	nq	96
69) Atrazine	11.00	200	263929	37.384	nq	99
70) Pentachlorophenol	11.11	266	165595	34.376	nq	97
71) Phenanthrene	11.33	178	1421493	38.943	nq	94
72) Anthracene	11.37	178	1517126	40.641	nq	95
73) Carbazole	11.53	167	1521832	39.423	nq	96
74) Di-n-butylphthalate	11.86	149	1715460	39.902	nq	97
75) Fluoranthene	12.51	202	1425704	39.925	nq	99
77) Benzidine	12.63	184	478923	27.169	nq	99
78) Pyrene	12.74	202	1454009	43.008	nq	95
80) Butylbenzylphthalate	13.36	149	690917	41.927	nq	95
81) Benzo(a)anthracene	13.93	228	967126	37.092	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	393818	37.155	nq	98
83) Chrysene	13.96	228	1130938	41.175	nq	96
84) Bis(2-ethylhexyl)phthalate	13.92	149	893677	42.459	nq	99
85) Di-n-octyl phthalate	14.53	149	1408450	39.672	nq	96
86) Indeno(1,2,3-cd)pyrene	16.78	276	689930	34.804	nq	97
88) Benzo(b)fluoranthene	14.96	252	634030	35.162	nq	98
89) Benzo(k)fluoranthene	14.99	252	825759	47.927	nq	99
90) Benzo(a)pyrene	15.31	252	625875	38.491	nq	98
91) Dibenzo(a,h)anthracene	16.80	278	571982	44.593	nq	95
92) Benzo(g,h,i)perylene	17.21	276	595664	47.311	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.02 min

Lab File: BF111582.D

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Instrument :

BNA_F

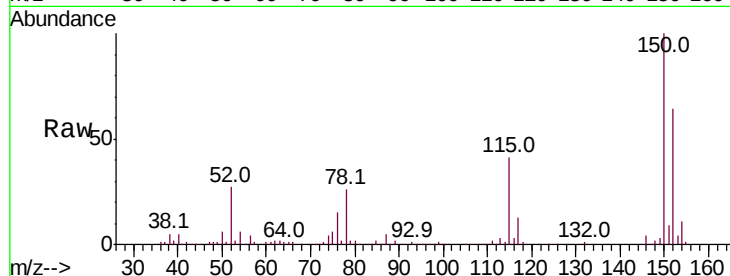
ClientSampleId :

SSTDCCC040

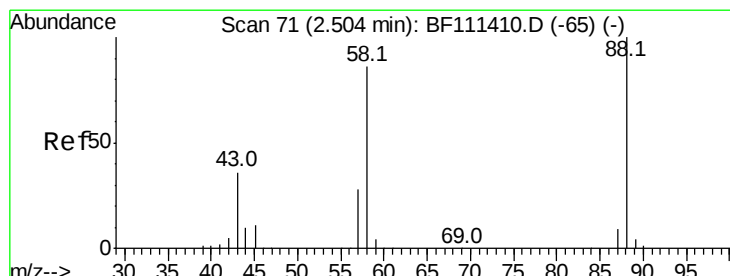
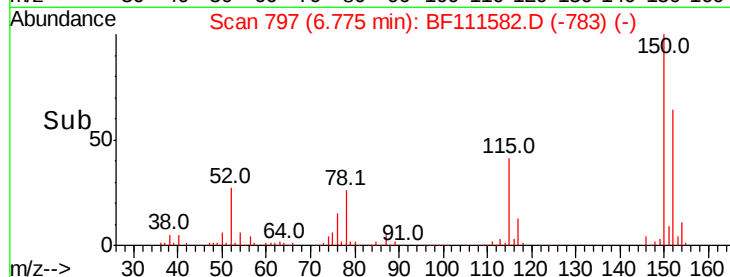
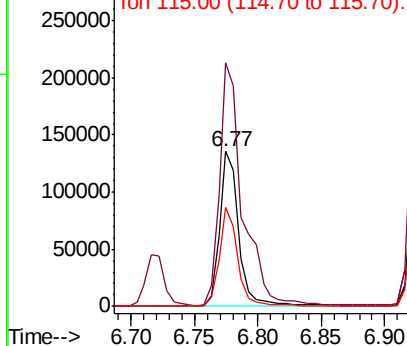
Tot Ion:	152	Resp:	143655
Ion Ratio	Lower	Upper	
152	100		
150	157.2	126.6	189.8
115	63.8	50.7	76.1

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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: 35.804 ng

RT: 2.50 min Scan# 70

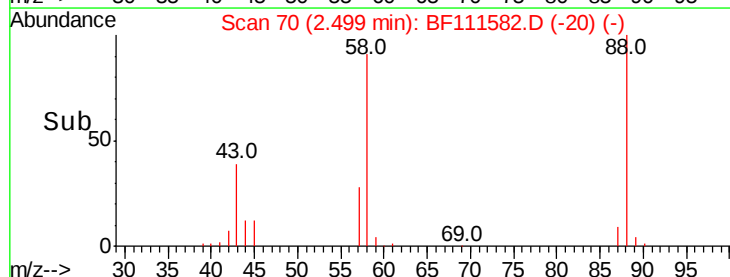
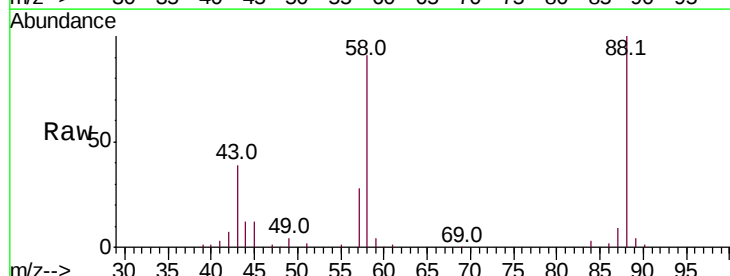
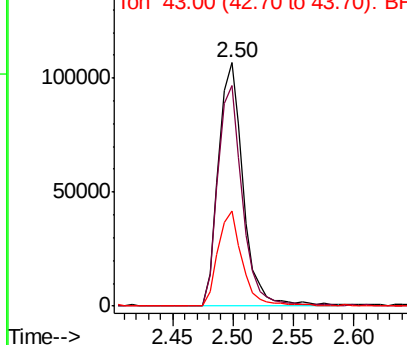
Delta R.T. -0.01 min

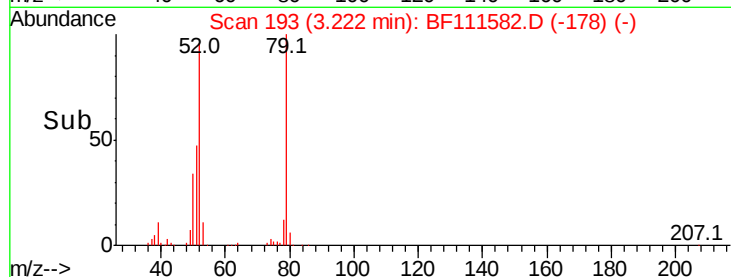
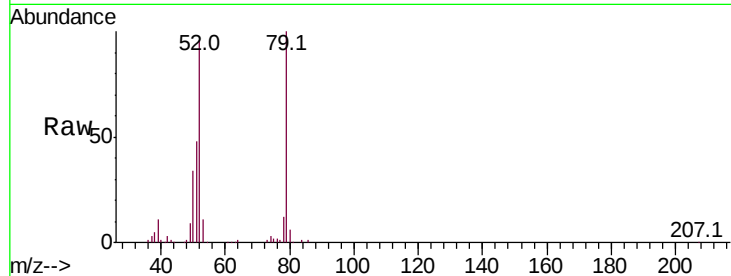
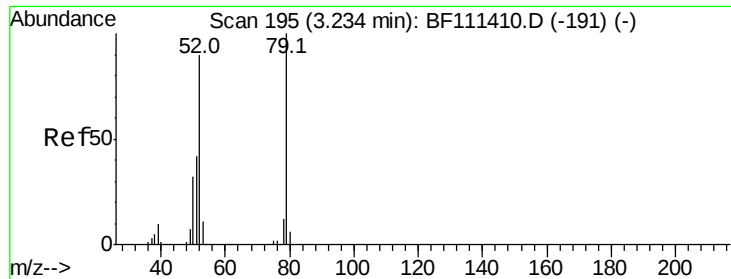
Lab File: BF111582.D

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Tgt Ion:	88	Resp:	149283
Ion Ratio	Lower	Upper	
88	100		
58	90.3	68.9	103.3
43	38.9	25.8	38.6#

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





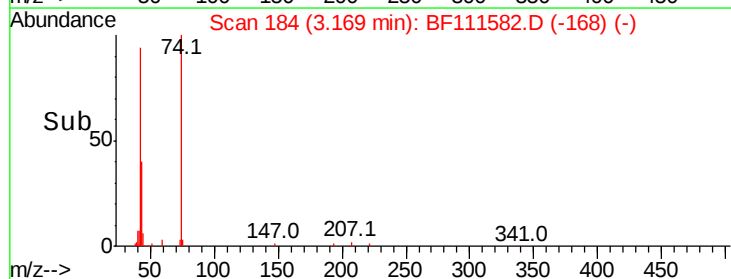
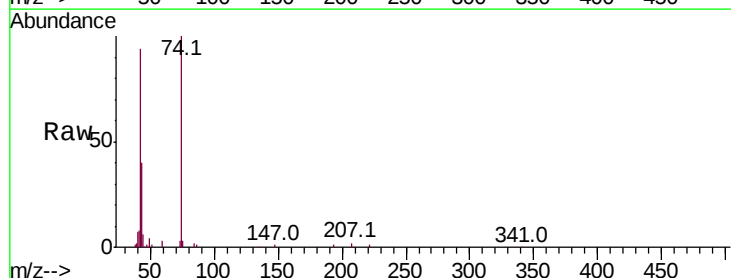
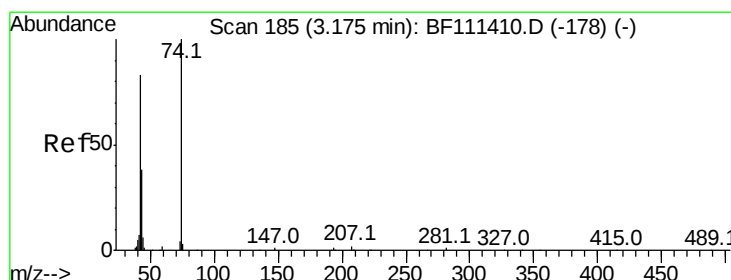
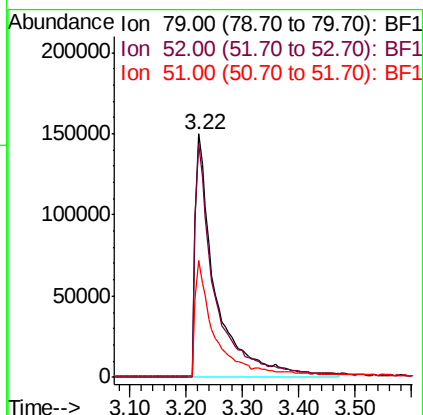
#3
Pvridine
Concen: 35.729 ng
RT: 3.22 min Scan# 193
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.6	68.3	102.5
51	47.8	32.6	49.0

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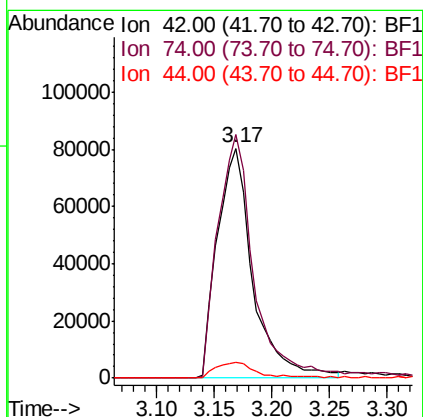
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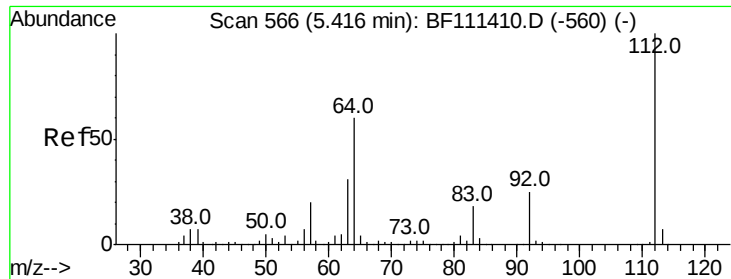
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#4
n-Nitrosodimethylamine
Concen: 36.112 ng
RT: 3.17 min Scan# 184
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.0	101.5	152.3
44	6.6	6.0	9.0





#5

2-Fluorophenol

Concen: 83.612 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

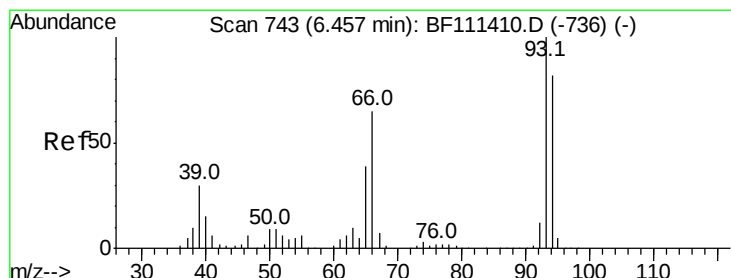
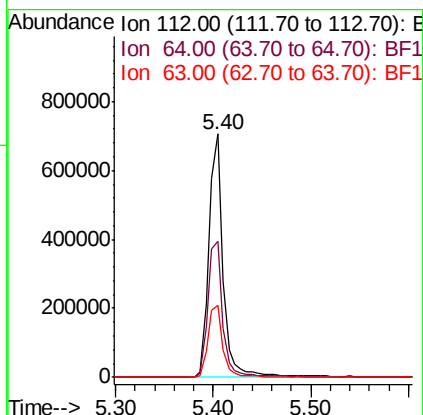
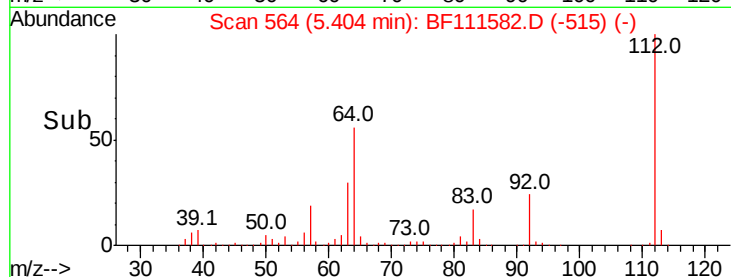
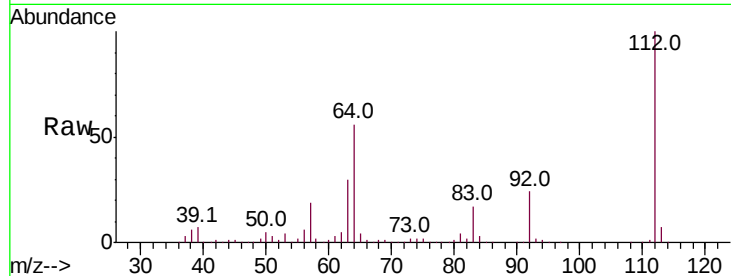
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	721803
Ion Ratio	Lower	Upper	
112	100		
64	56.0	51.8	77.6
63	29.7	26.8	40.2

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#6

Aniline

Concen: 38.889 ng

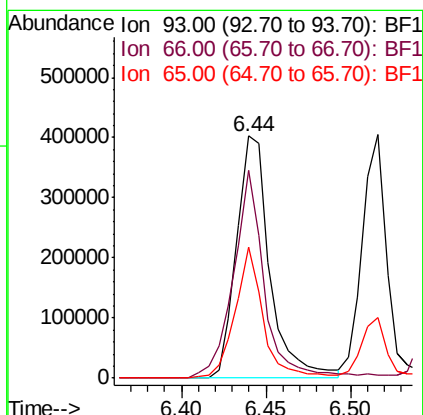
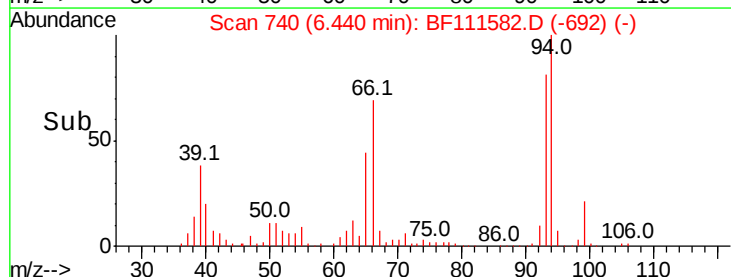
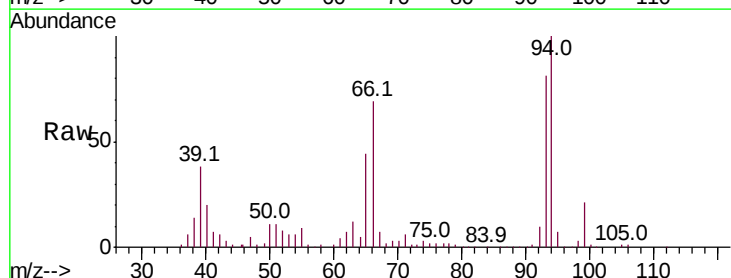
RT: 6.44 min Scan# 740

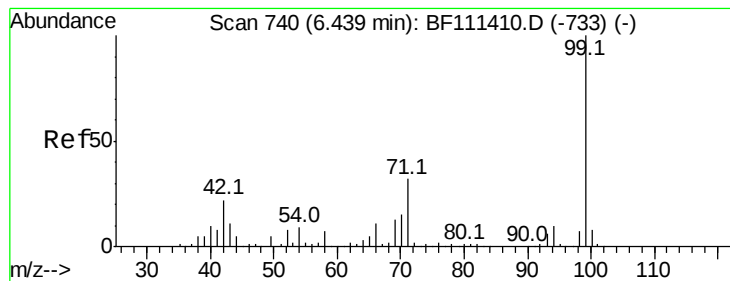
Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	93	Resp:	553939
Ion Ratio	Lower	Upper	
93	100		
66	85.7	33.2	49.8#
65	54.2	17.0	25.4#





#7

Phenol-d6

Concen: 80.120 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

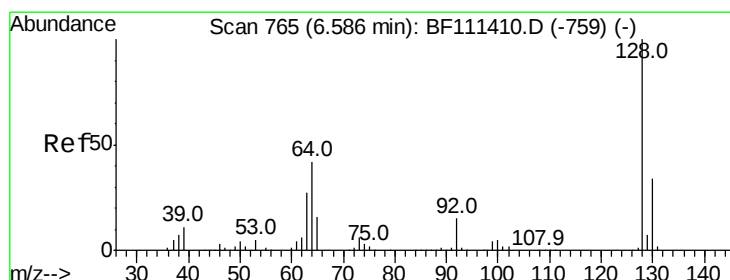
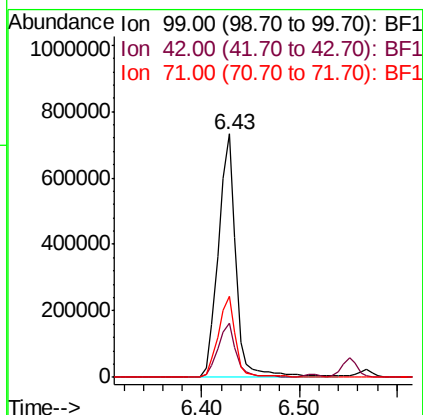
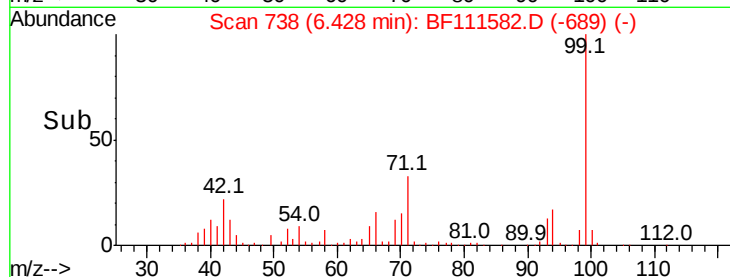
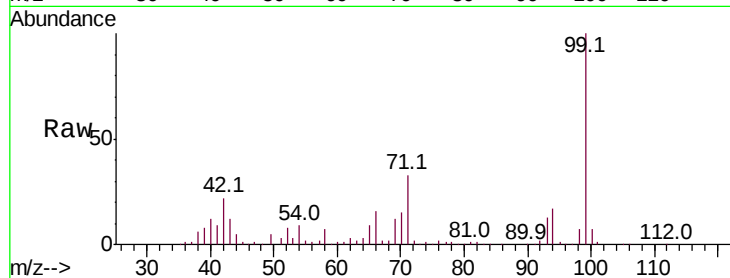
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Tot Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	33.1	26.1	39.1

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#8

2-Chlorophenol

Concen: 42.115 ng

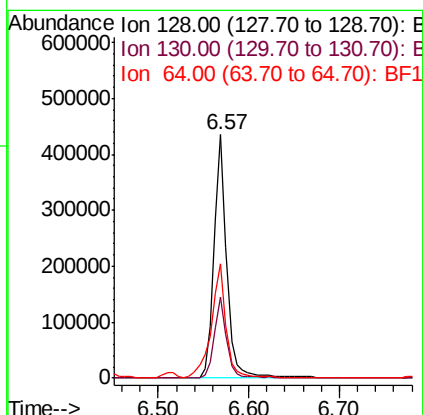
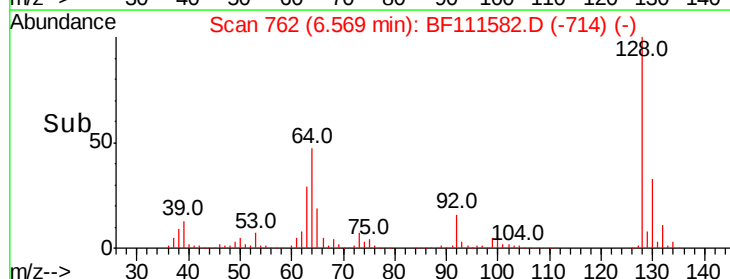
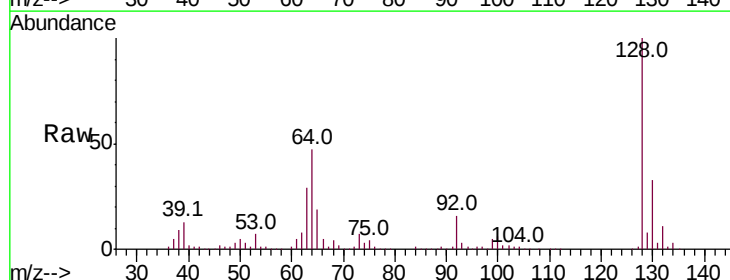
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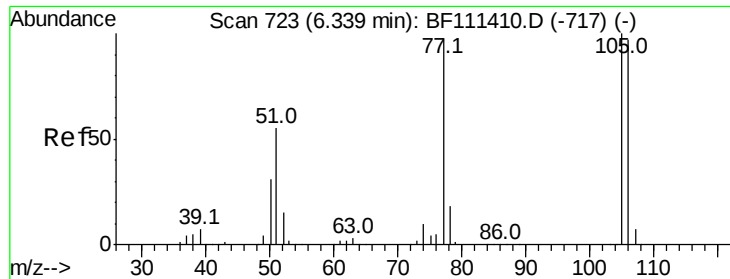
Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	46.8	30.0	70.0





#9

Benzaldehyde

Concen: 35.607 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

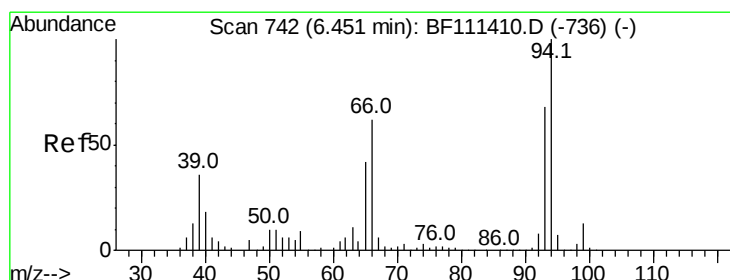
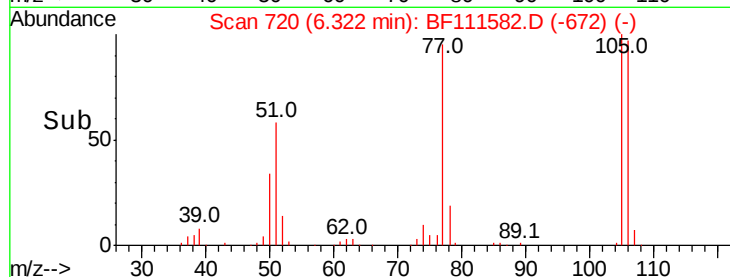
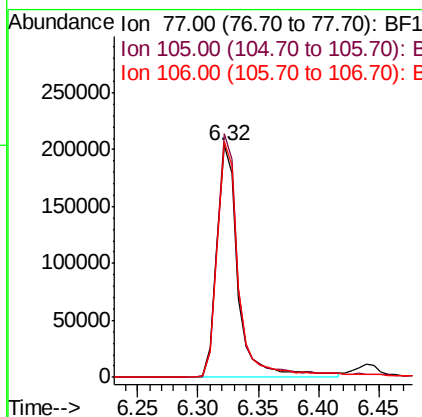
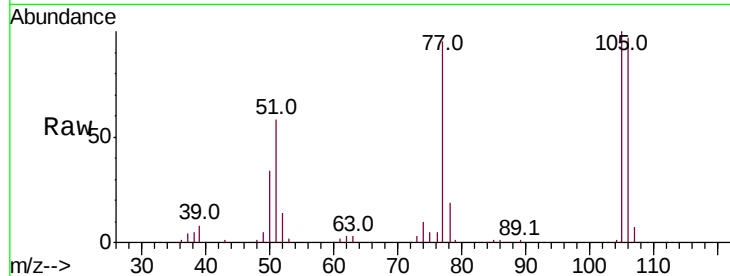
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	248001
Ion	Ratio	Lower	Upper
77	100		
105	105.0	81.4	121.4
106	101.5	77.9	117.9

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#10

Phenol

Concen: 39.362 ng

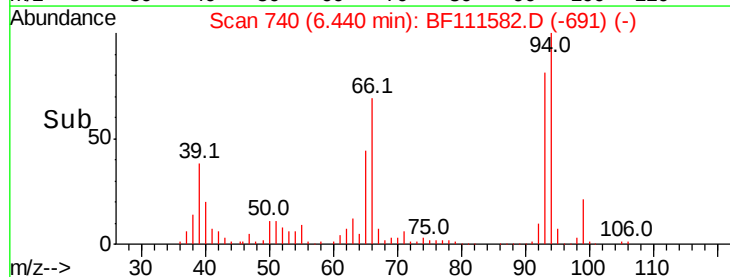
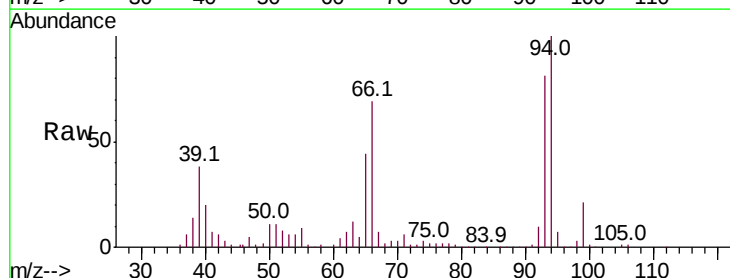
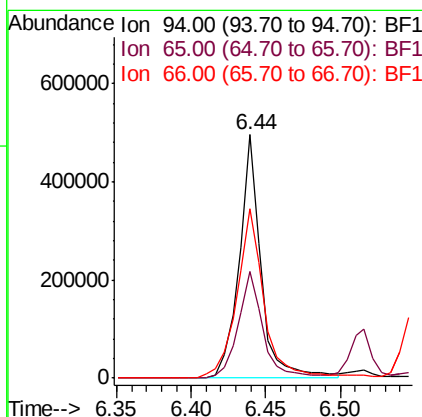
RT: 6.44 min Scan# 740

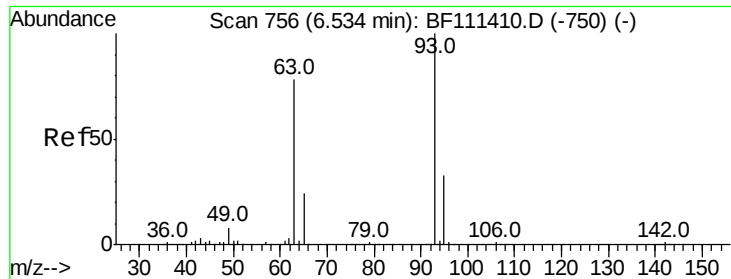
Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	94	Resp:	503519
Ion	Ratio	Lower	Upper
94	100		
65	43.9	11.7	51.7
66	69.4	21.0	61.0#





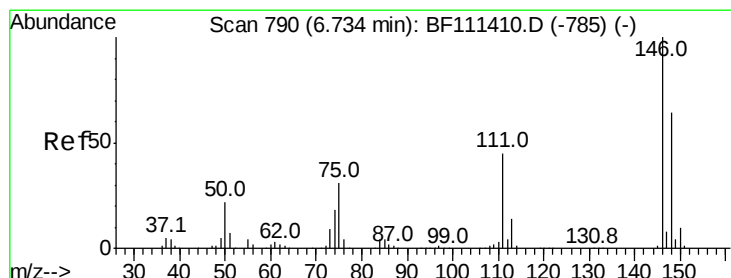
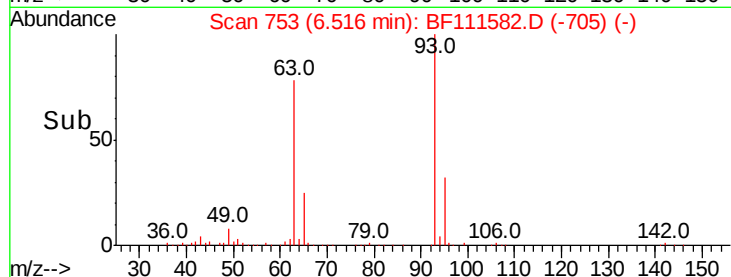
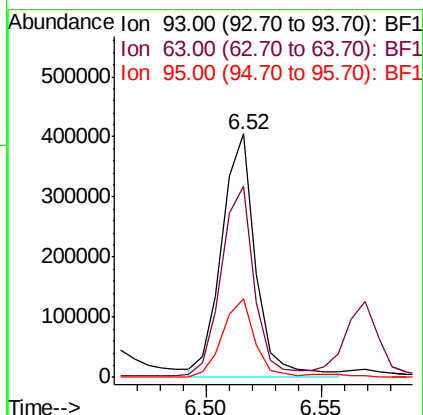
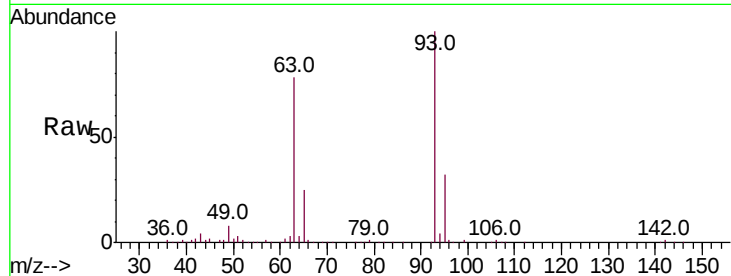
#11
bis(2-Chloroethyl)ether
Concen: 41.270 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	413846
Ion	Ratio	Lower	Upper
93	100		
63	78.4	60.0	100.0
95	32.2	13.4	53.4

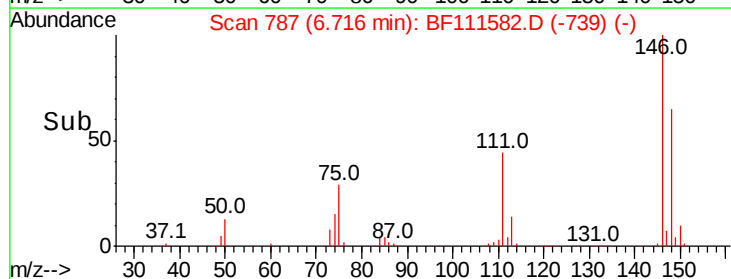
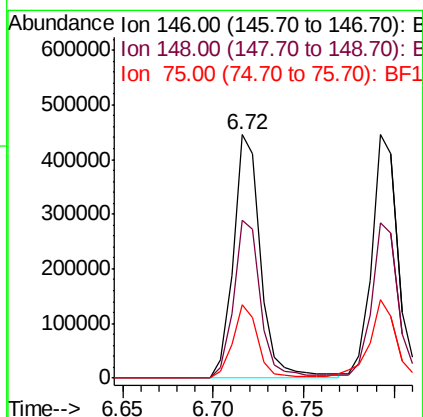
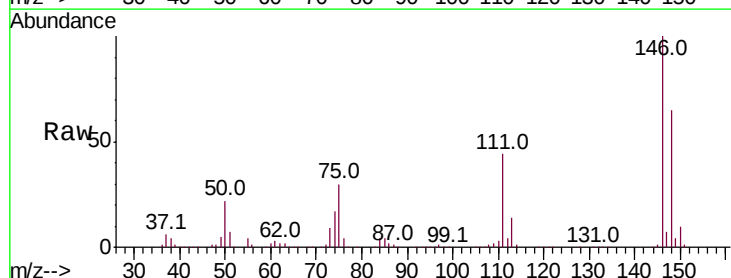
Manual Integrations
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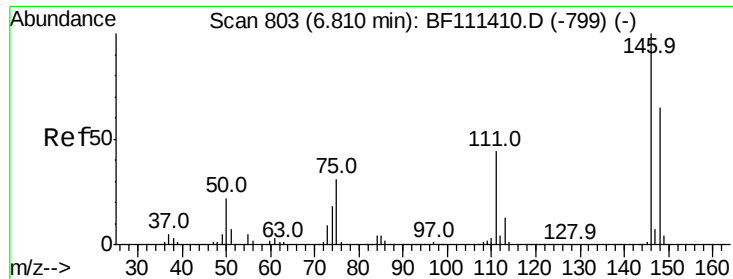
Sohil
12/19/2018 4:09:30 PM



#12
1,3-Dichlorobenzene
Concen: 41.112 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:	146	Resp:	466800
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	30.0	23.9	35.9





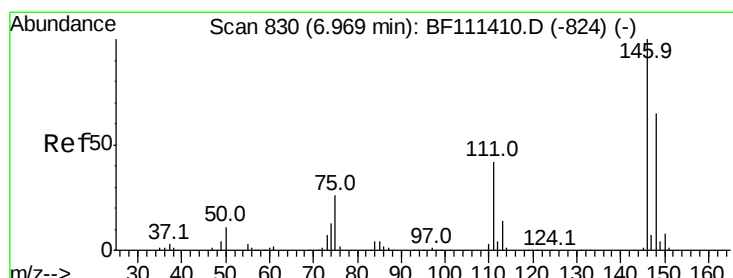
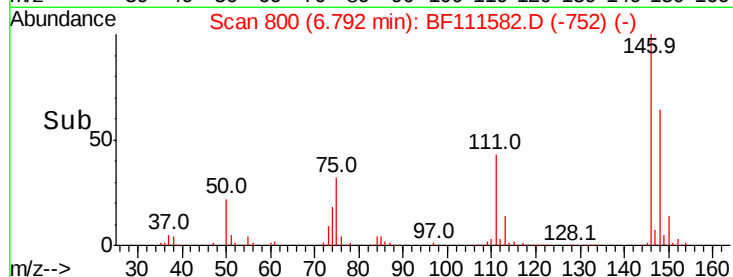
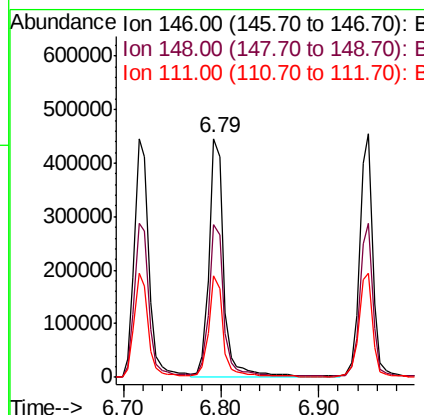
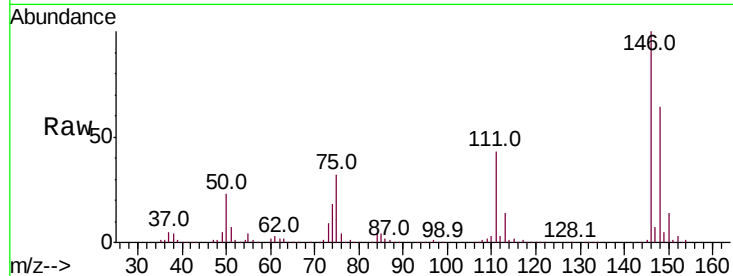
#13
 1,4-Dichlorobenzene
 Concen: 41.073 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.8	79.2
111	42.6	33.4	50.0

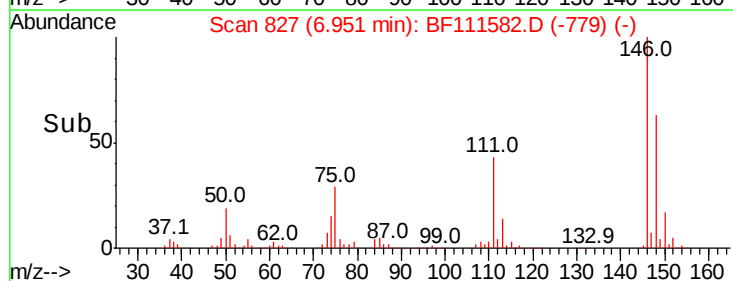
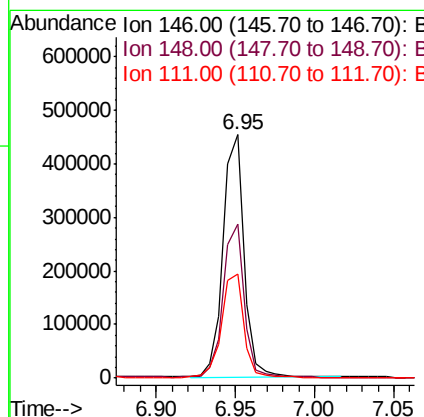
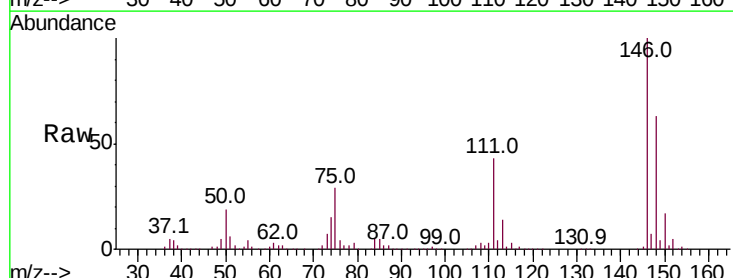
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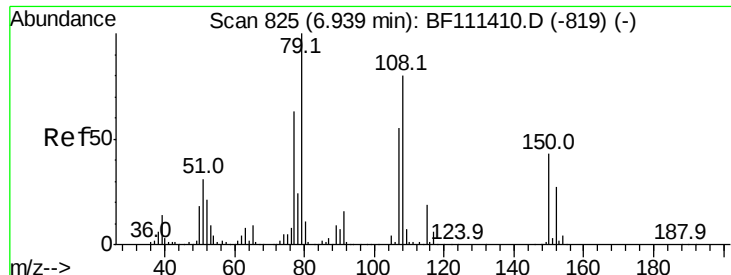
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.425 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	42.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.308 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 343453

Ion Ratio Lower Upper

79 100

108 80.3 69.4 104.2

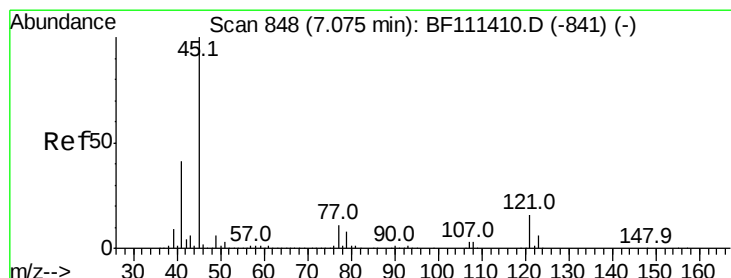
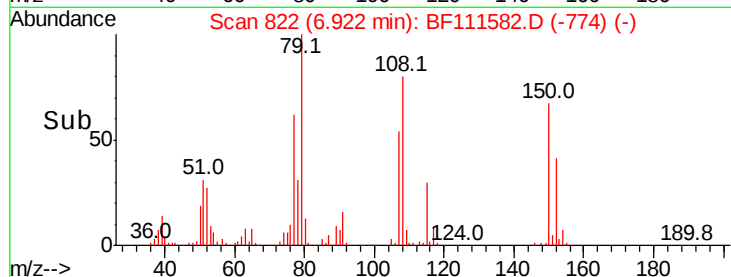
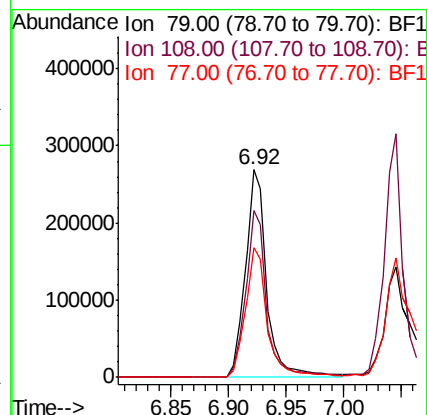
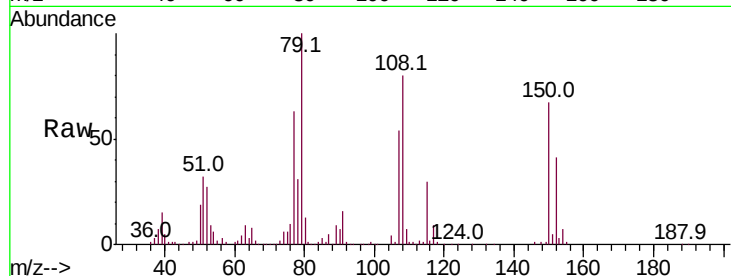
77 62.5 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.239 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

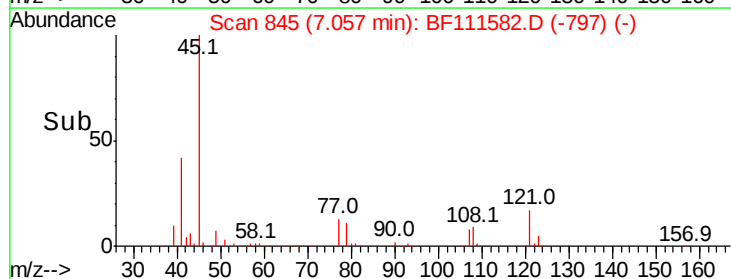
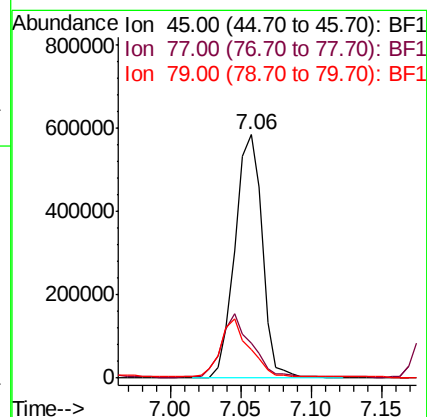
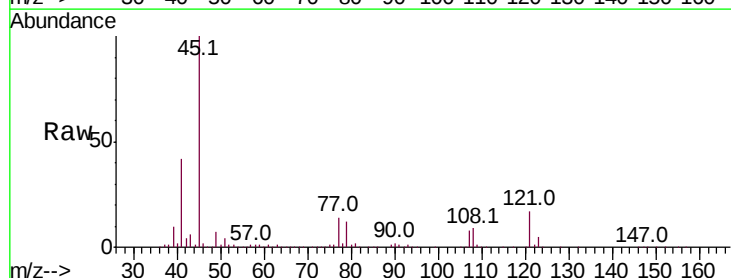
Tgt Ion: 45 Resp: 787843

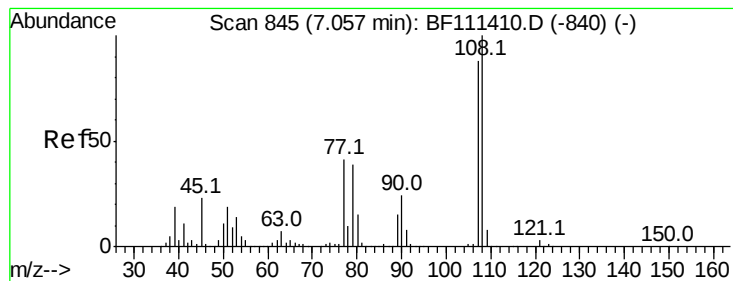
Ion Ratio Lower Upper

45 100

77 14.3 0.0 31.5

79 11.6 0.0 28.9





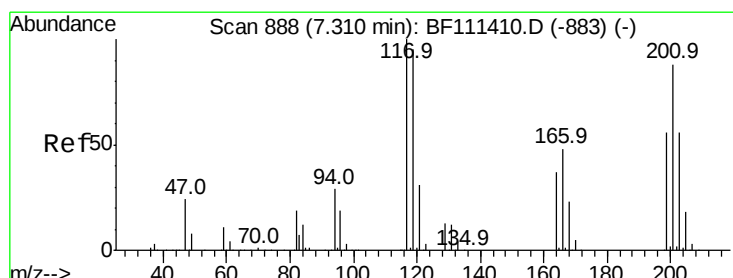
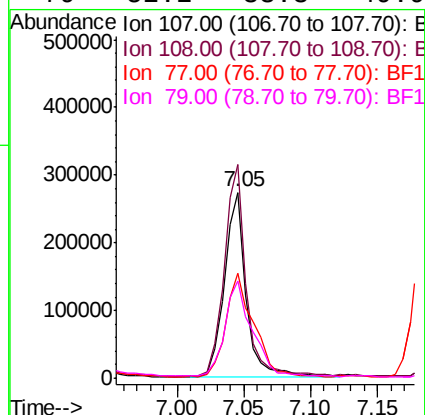
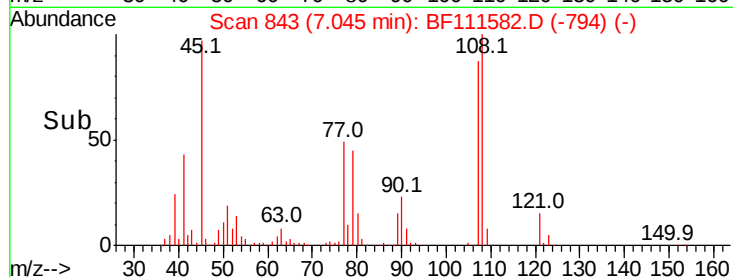
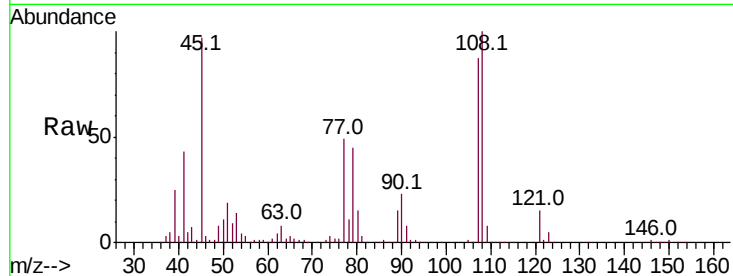
#17
2-Methylphenol
Concen: 38.071 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.0	136.4
77	56.3	33.5	50.3#
79	52.2	33.3	49.9#

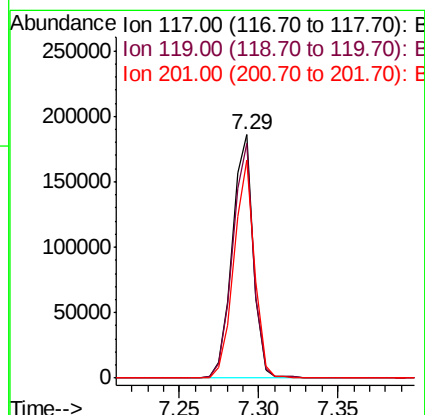
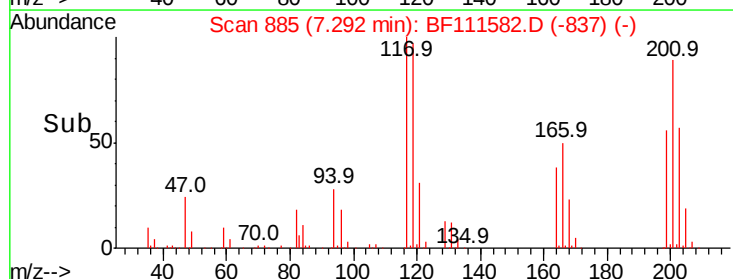
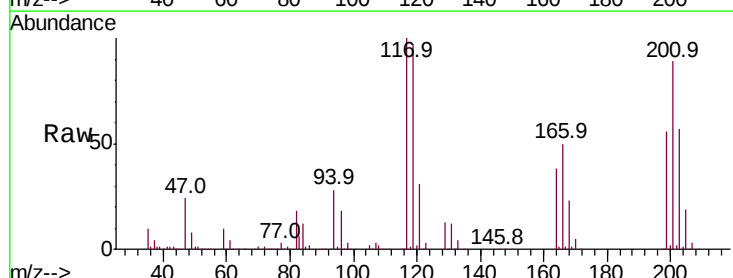
Manual Integrations
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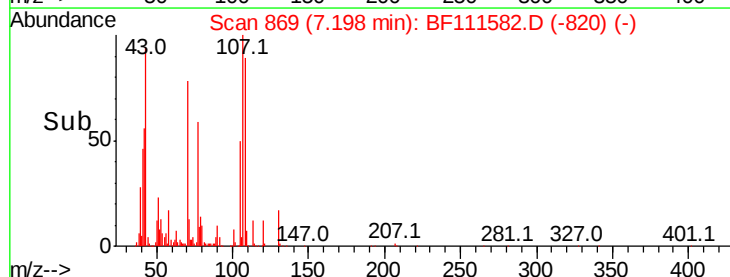
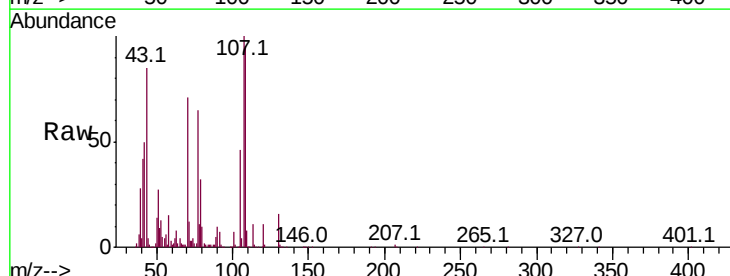
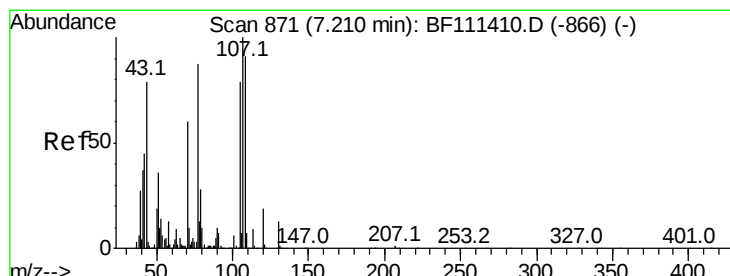
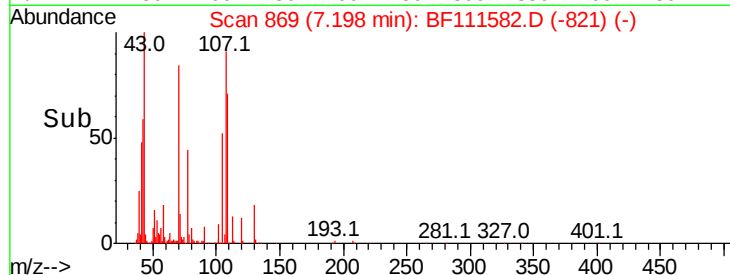
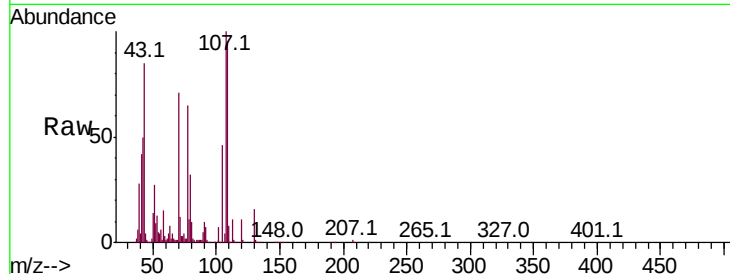
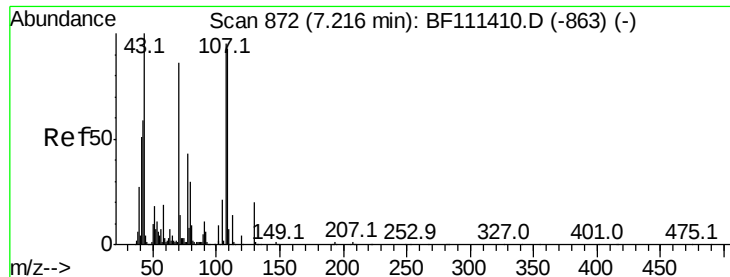
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#18
Hexachloroethane
Concen: 40.193 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
201	89.4	62.4	93.6





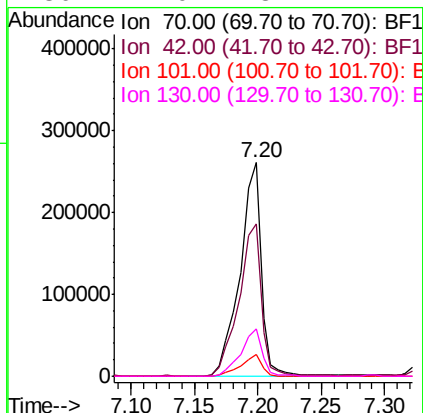
#19
n-Nitroso-di-n-propylamine
Concen: 40.207 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.2	53.2	79.8
101	10.2	8.2	12.4
130	22.0	18.1	27.1

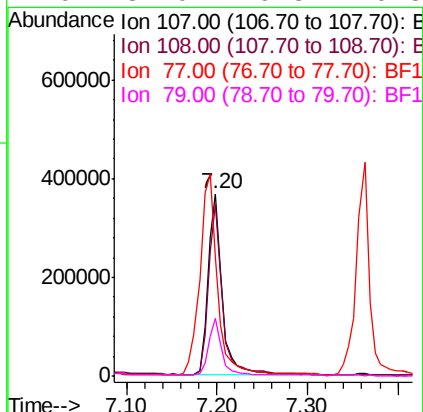
Manual Integrations
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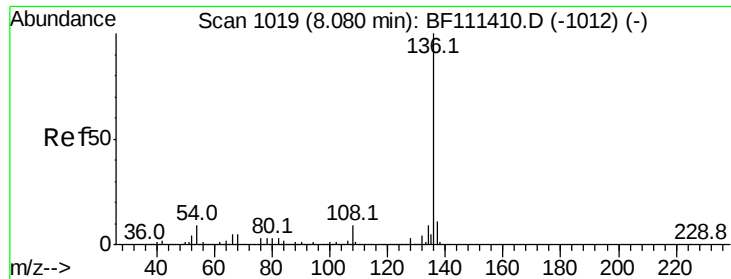
Sohil
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#20
3+4-Methylphenols
Concen: 39.518 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	72.1	112.1
77	65.3	94.1	134.1#
79	32.0	9.8	49.8





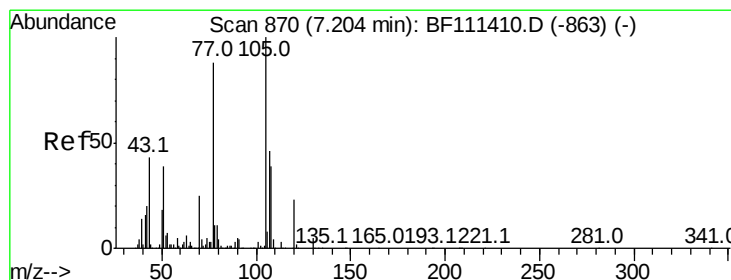
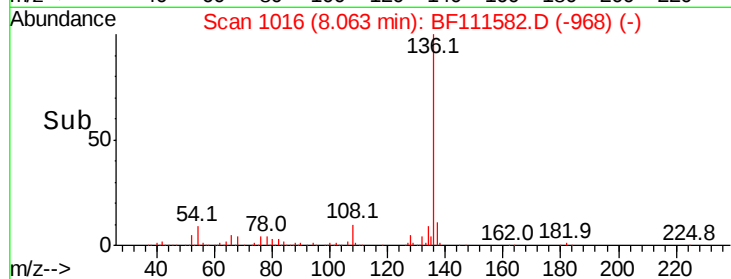
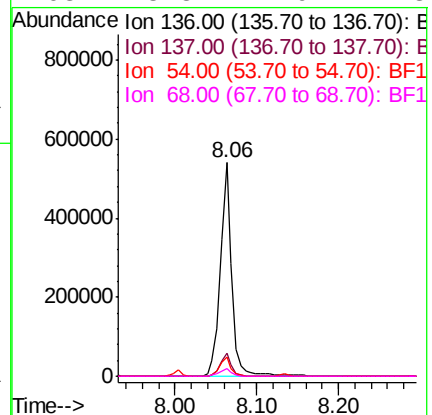
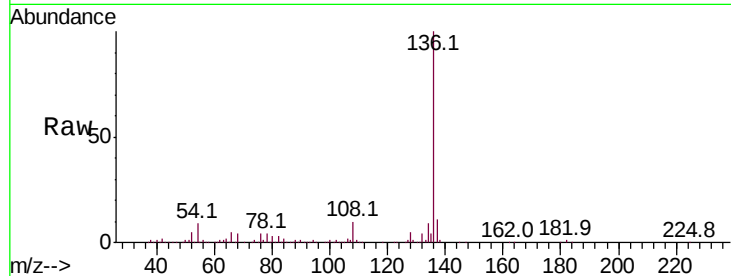
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	8.9	7.7	11.5	
68	3.8	4.9	7.3#	

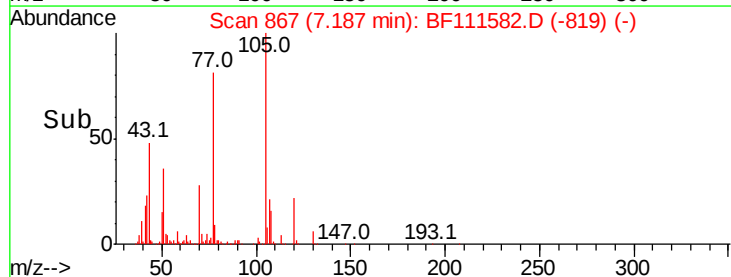
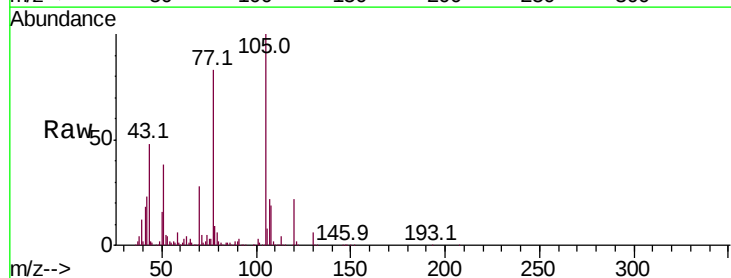
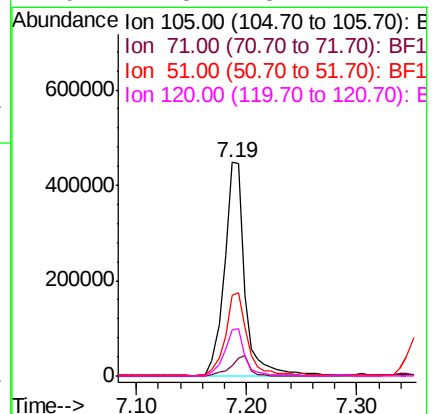
Manual Integrations
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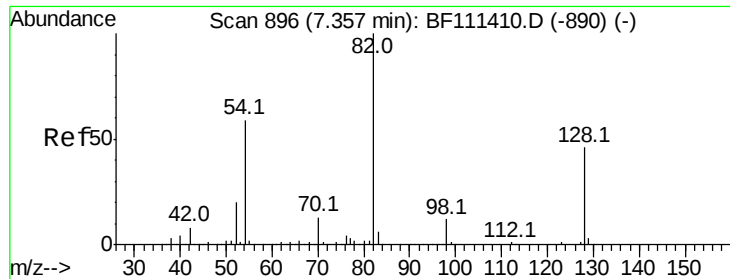
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#22
Acetophenone
Concen: 49.292 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.8	3.1	4.7#	
51	37.7	36.6	54.8	
120	21.8	18.2	27.4	





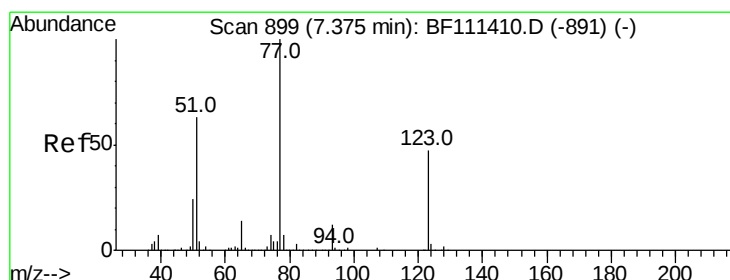
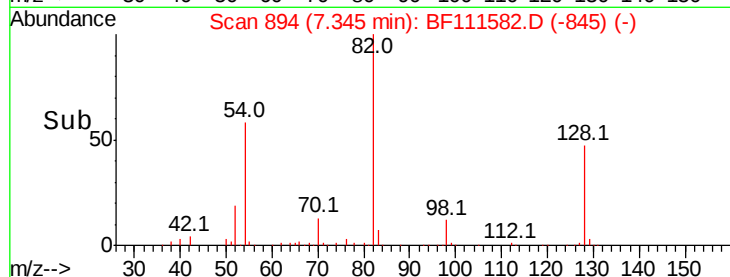
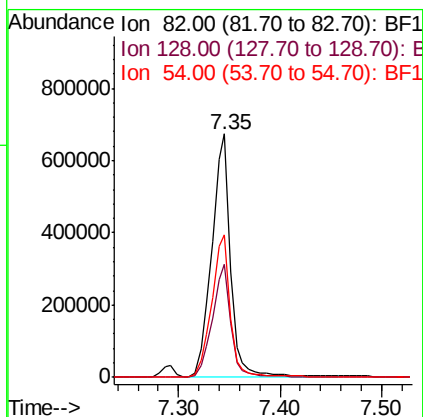
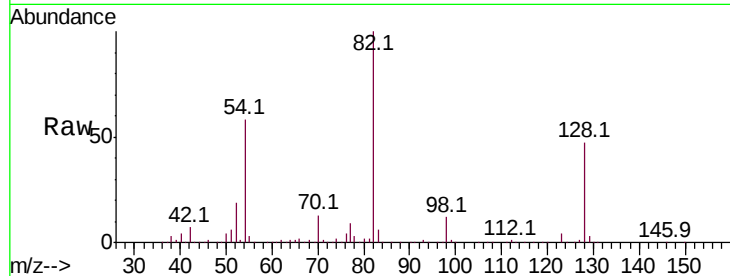
#23
Nitrobenzene-d5
Concen: 97.605 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	58.3	47.6	71.4

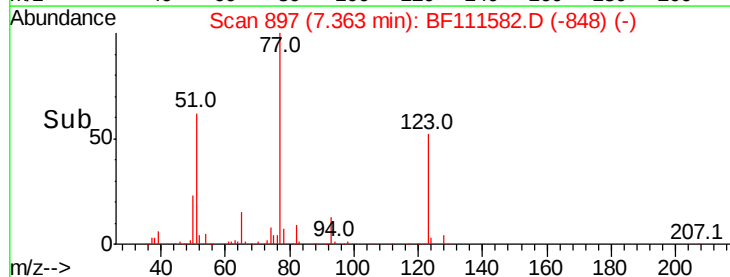
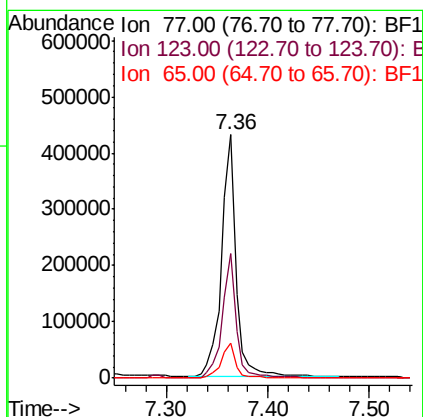
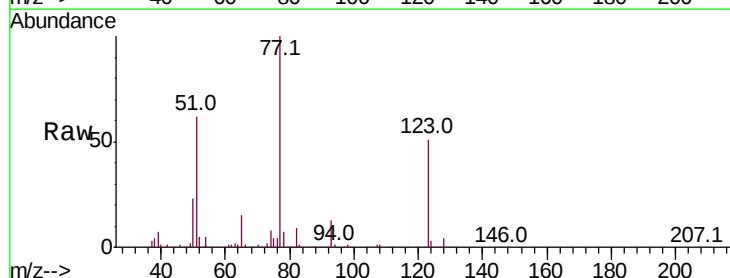
Manual Integrations
APPROVED

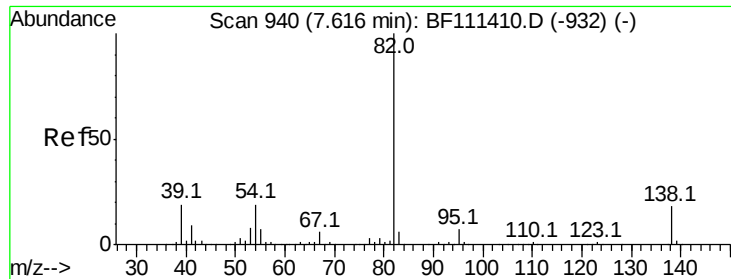
Sohil
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#24
Nitrobenzene
Concen: 47.194 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	37.2	55.8
65	14.5	11.5	17.3





#25

Isophorone

Concen: 46.471 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

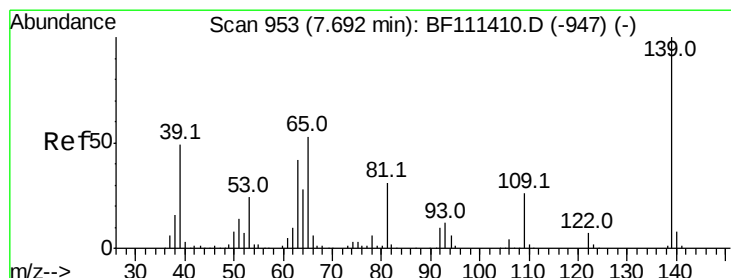
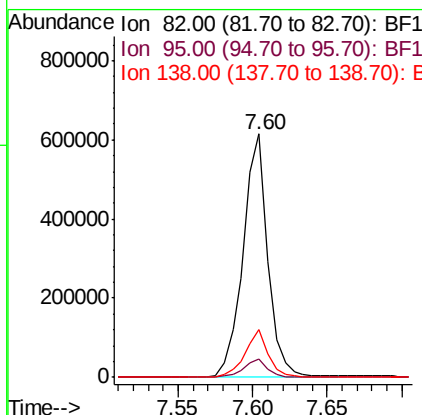
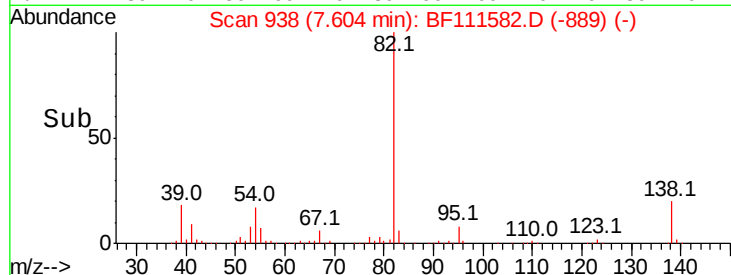
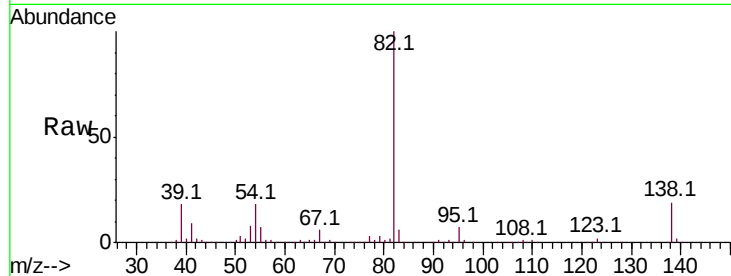
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	702563
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	19.4	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.301 ng

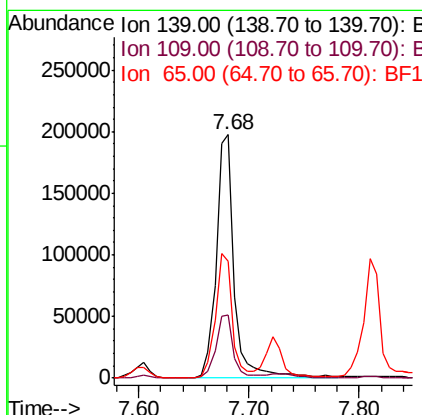
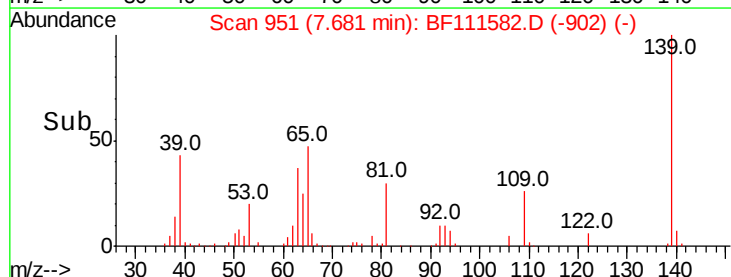
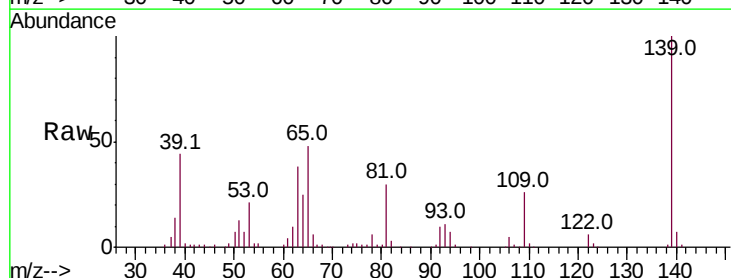
RT: 7.68 min Scan# 951

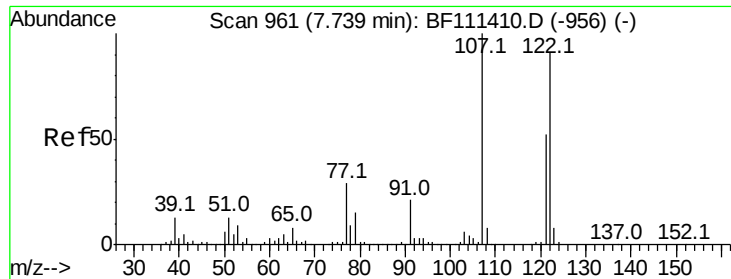
Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	139	Resp:	223585
Ion Ratio	Lower	Upper	
139	100		
109	26.0	20.2	30.4
65	47.9	40.7	61.1





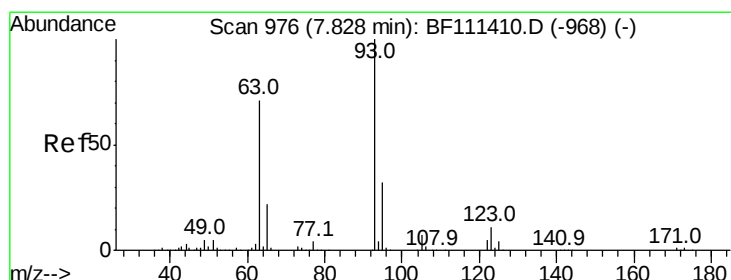
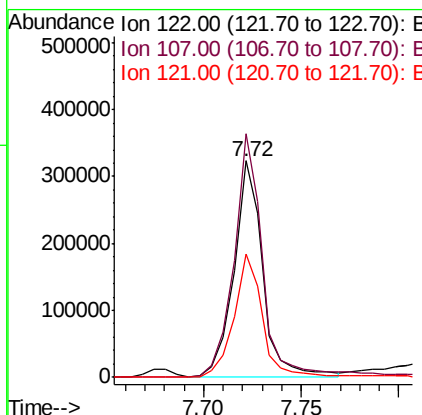
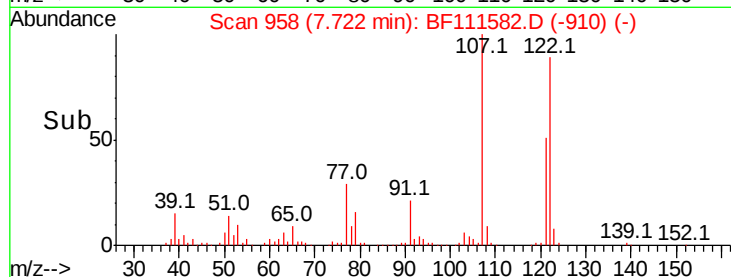
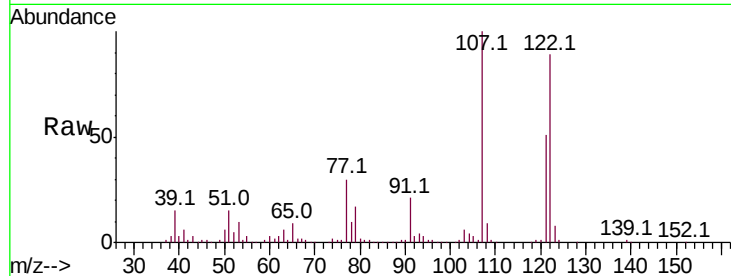
#27
2,4-Dimethylphenol
Concen: 48.043 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.4	85.5	128.3
121	56.8	46.6	70.0

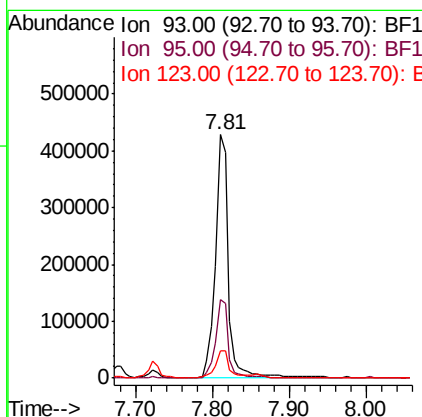
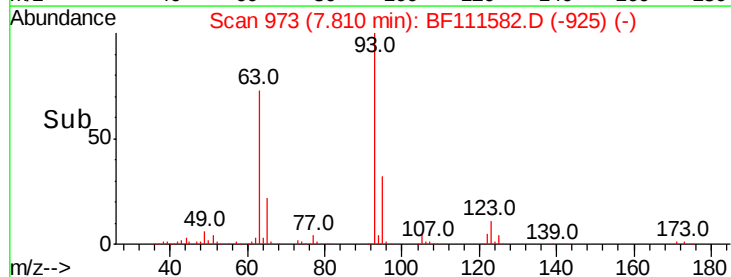
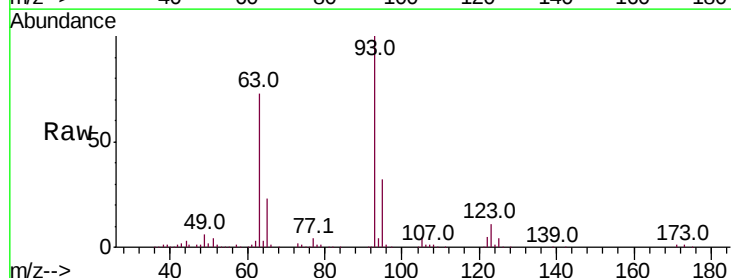
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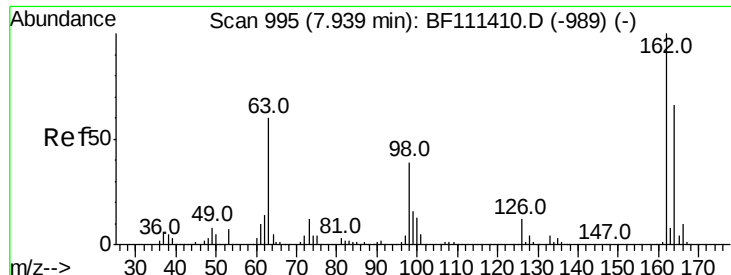
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#28
bis(2-Chloroethoxy)methane
Concen: 46.619 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.1	40.7
123	11.4	9.9	14.9





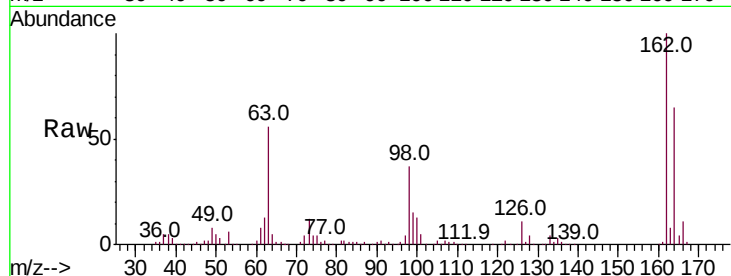
#29
2,4-Dichlorophenol
Concen: 46.995 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

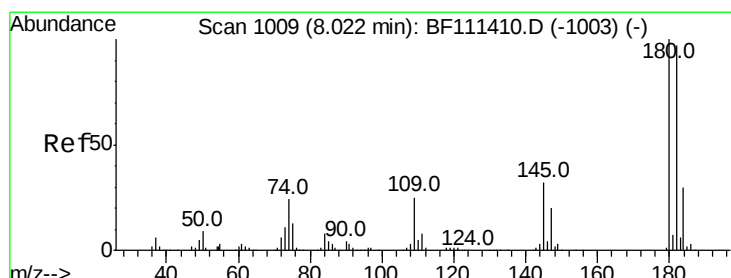
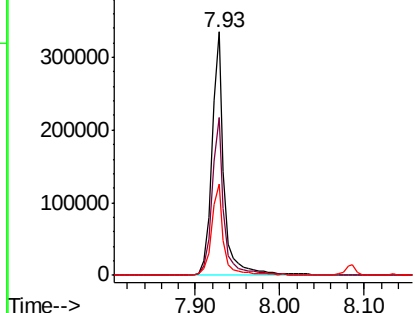
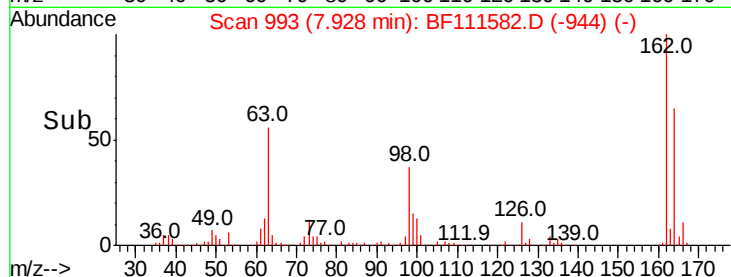
Tot Ion	Ratio	Resp	Lower	Upper
162	100	343782		
164	64.6	44.4	84.4	
98	37.3	20.3	60.3	

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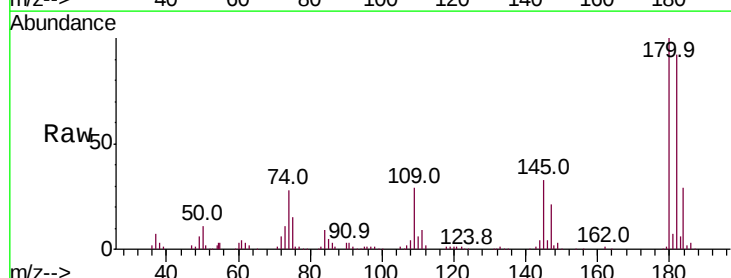


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

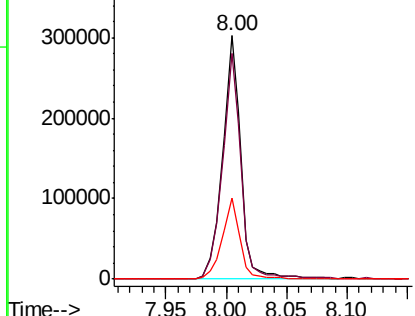
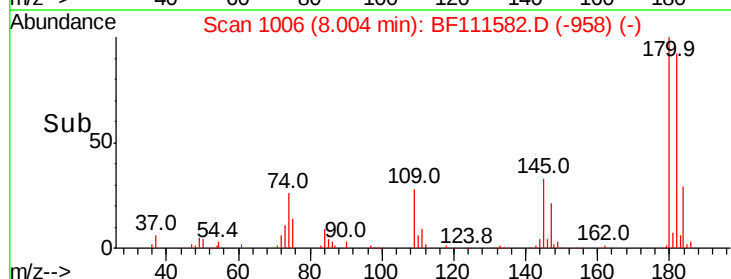


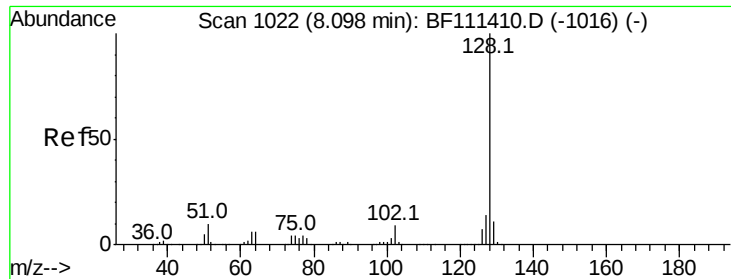
#30
1,2,4-Trichlorobenzene
Concen: 41.102 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	314755		
182	92.4	75.6	113.4	
145	33.3	26.7	40.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





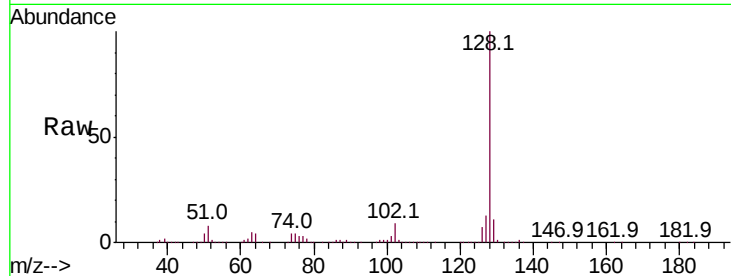
#31
Naphthalene
Concen: 39.326 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.8	14.8
127	13.1	12.0	18.0

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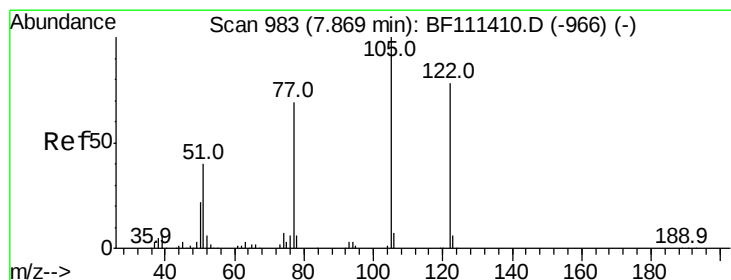
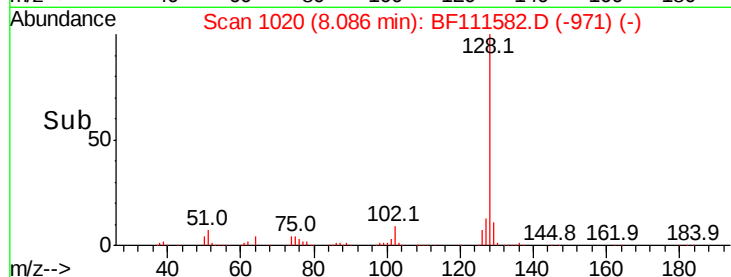
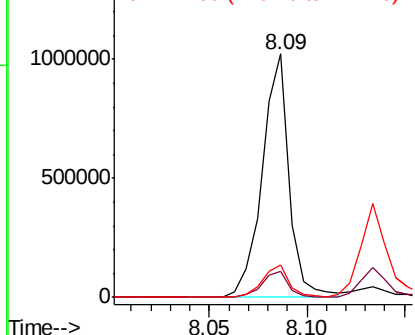


Abundance

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: 33.666 ng m
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

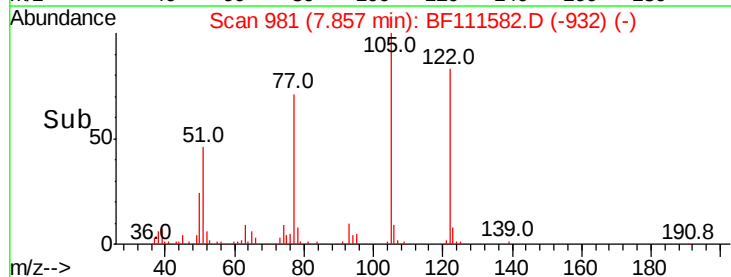
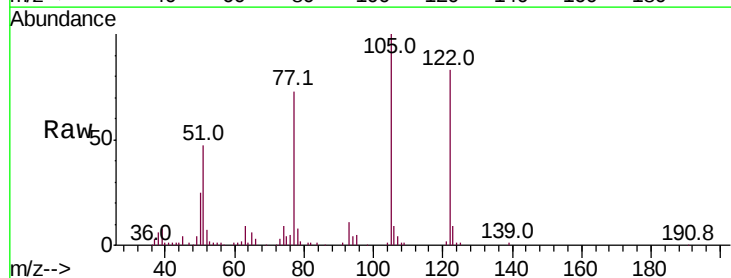
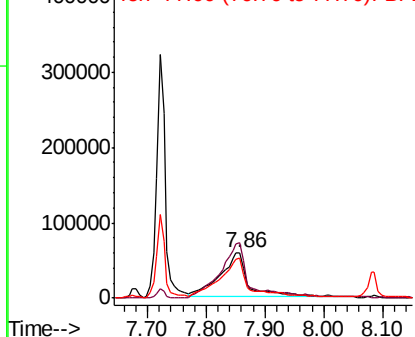
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	97.0	137.0
77	88.1	65.7	105.7

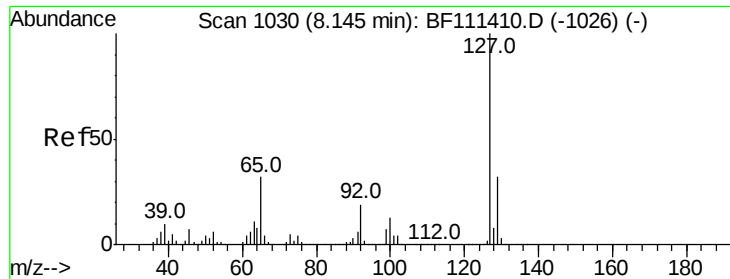
Abundance

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





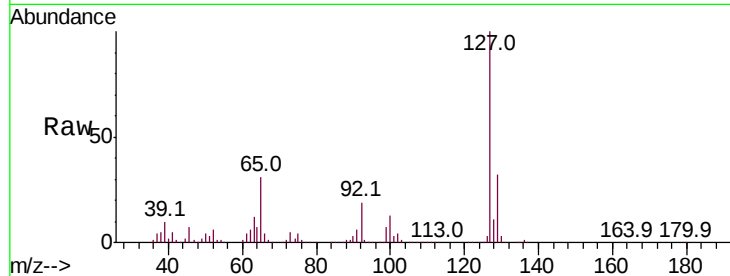
#33
4-Chloroaniline
Concen: 38.025 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

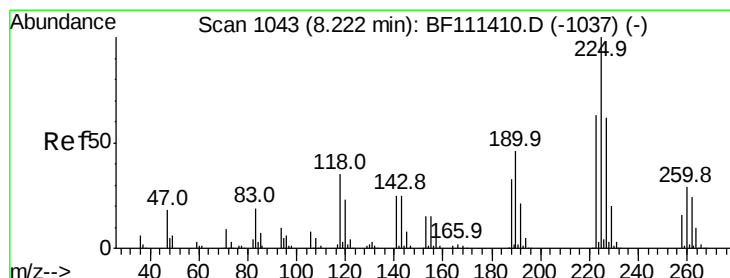
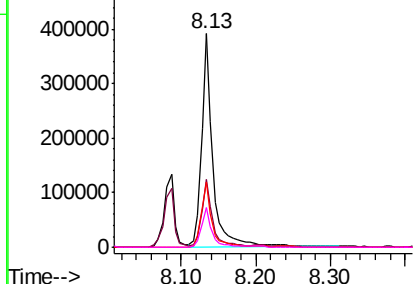
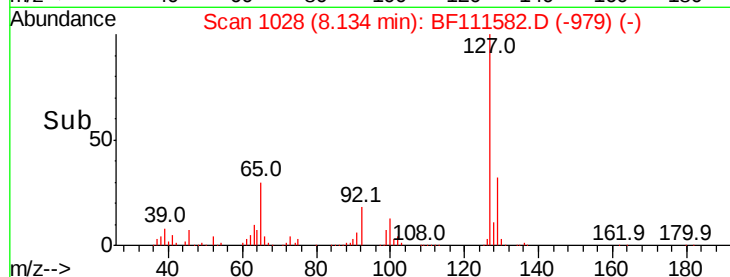
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		420790		
129	31.8	26.6	39.8		
65	30.8	25.7	38.5		
92	18.6	15.4	23.2		

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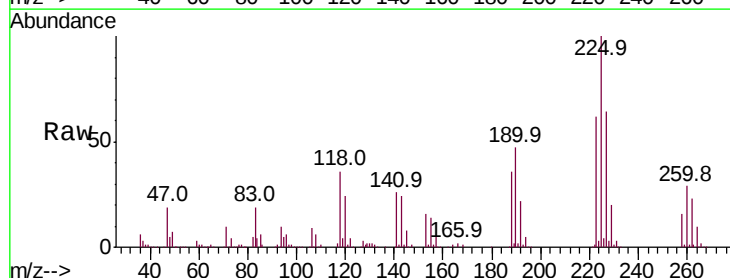


Abundance Ion 127.00 (126.70 to 127.70): E
600000 Ion 129.00 (128.70 to 129.70): E
500000 Ion 65.00 (64.70 to 65.70): BF1
400000 Ion 92.00 (91.70 to 92.70): BF1
300000
200000
100000
0

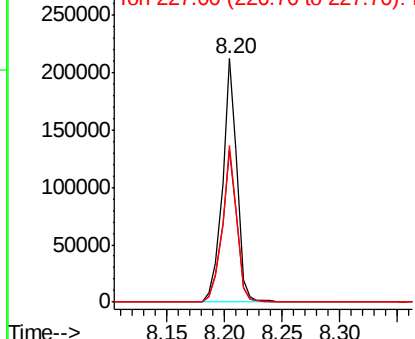
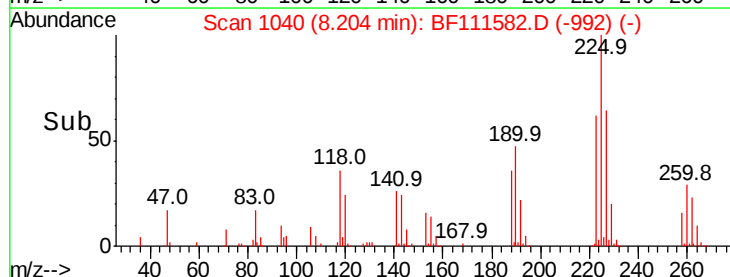


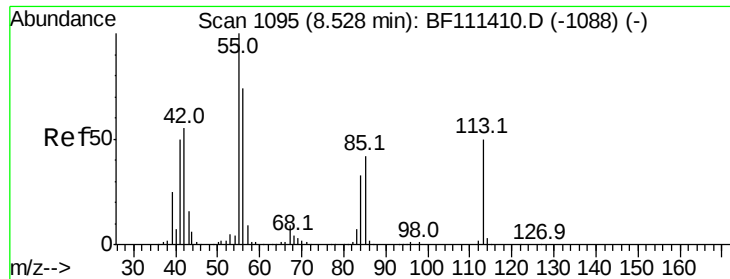
#34
Hexachlorobutadiene
Concen: 43.774 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		184684		
223	62.1	50.7	76.1		
227	64.3	52.6	78.8		



Abundance Ion 225.00 (224.70 to 225.70): E
250000 Ion 223.00 (222.70 to 223.70): E
200000 Ion 227.00 (226.70 to 227.70): E
150000
100000
50000
0





#35

Caprolactam

Concen: 34.895 ng/ml

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 94773

Ion Ratio Lower Upper

113 100

55 200.9 184.1 224.1

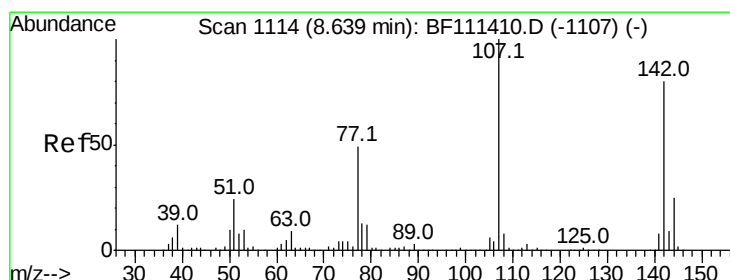
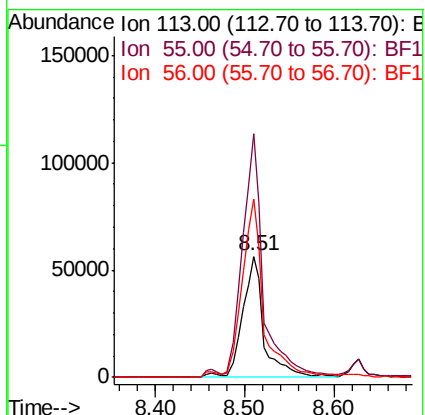
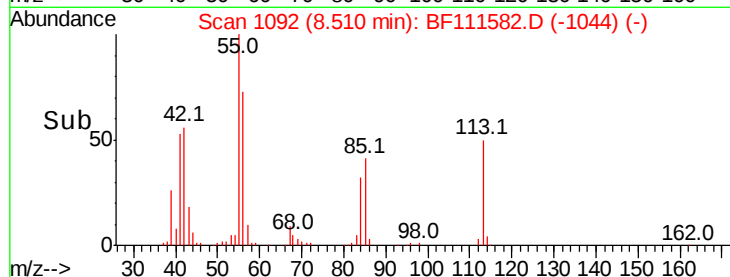
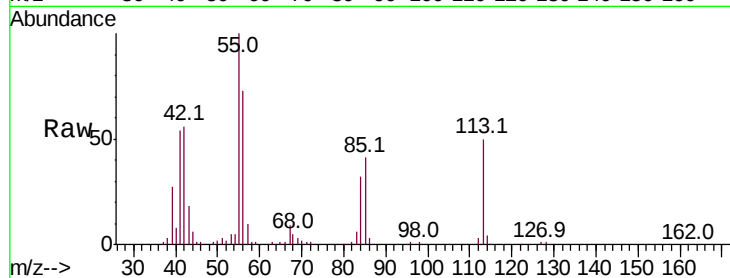
56 147.6 126.0 166.0

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#36

4-Chloro-3-methylphenol

Concen: 37.920 ng/ml

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

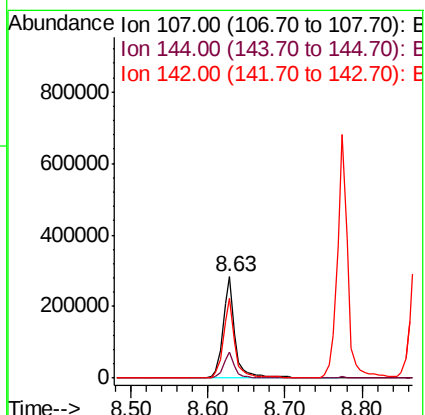
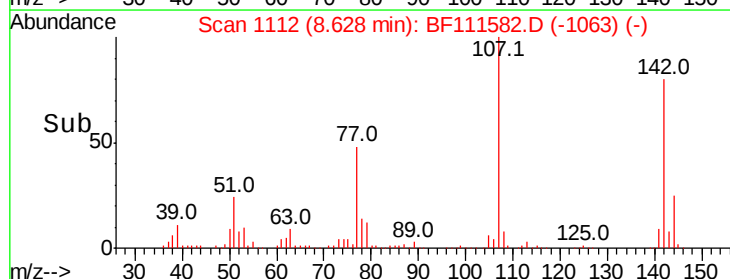
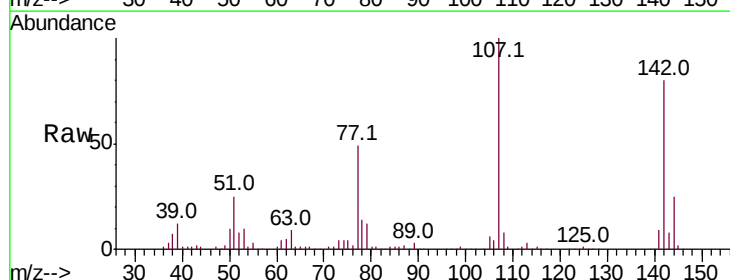
Tgt Ion:107 Resp: 305332

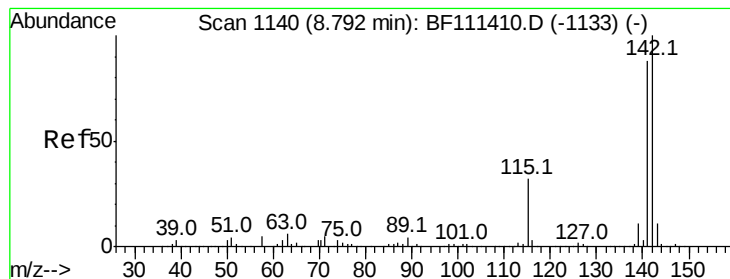
Ion Ratio Lower Upper

107 100

144 25.3 19.8 29.6

142 79.5 62.3 93.5





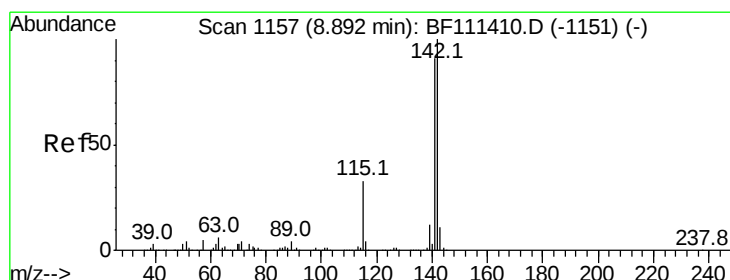
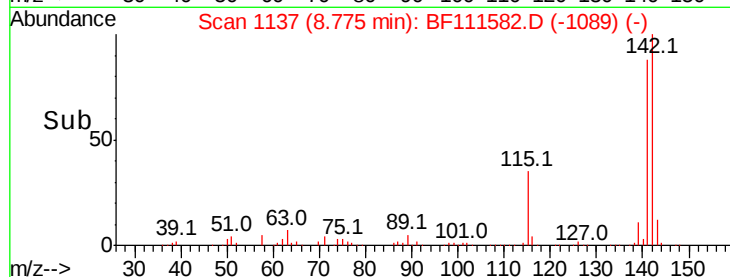
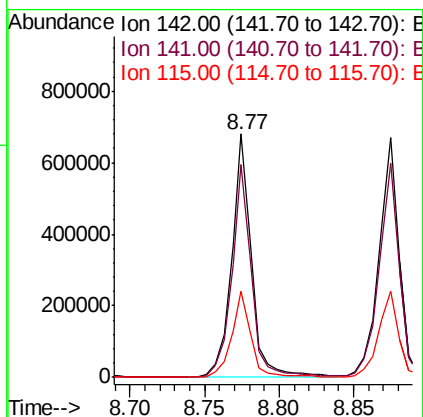
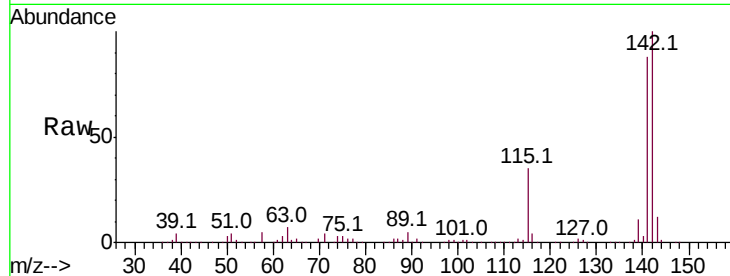
#37
2-Methylnaphthalene
Concen: 37.842 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	105.8
115	35.4	27.0	40.6

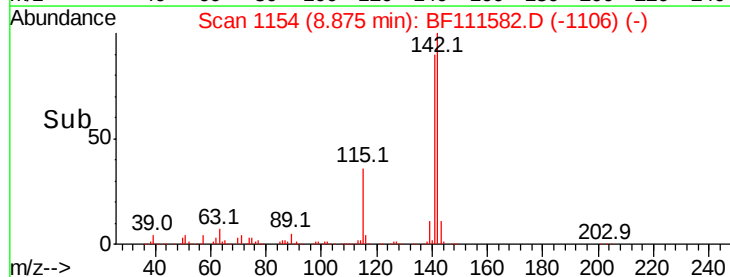
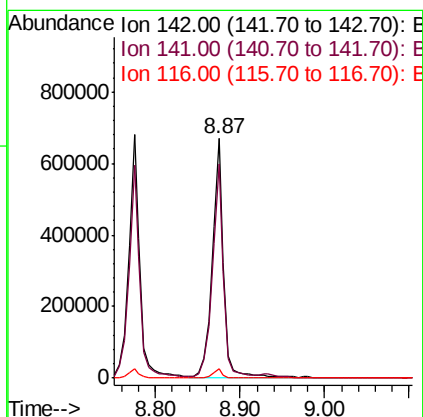
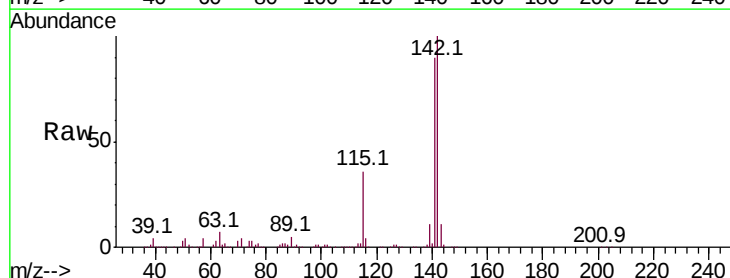
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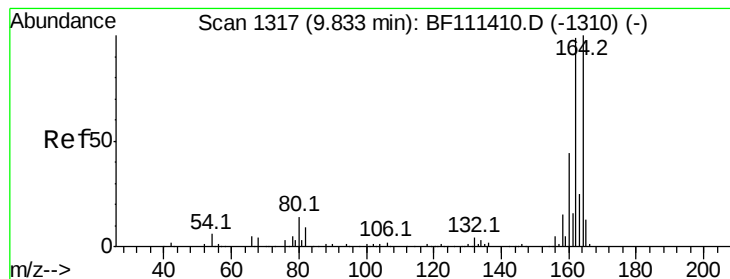
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#38
1-Methylnaphthalene
Concen: 39.111 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.2	111.4
116	3.9	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

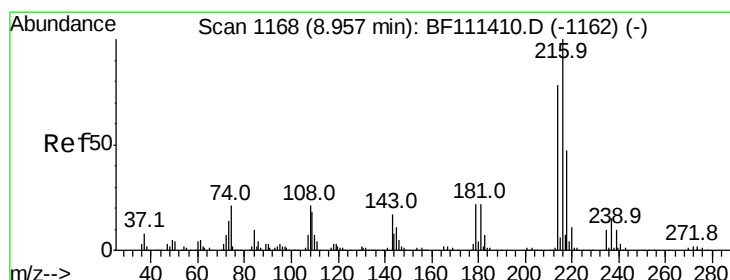
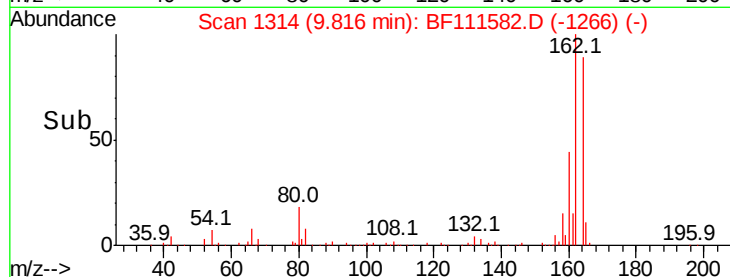
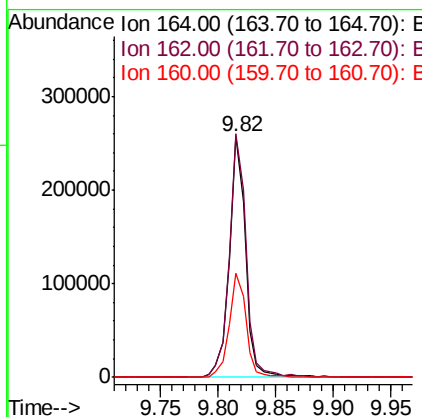
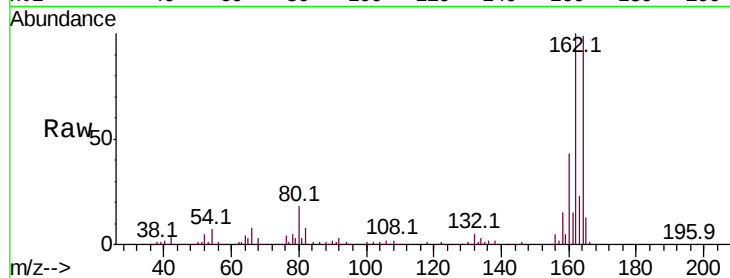
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	251168
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.4	122.0
160	43.5	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.959 ng

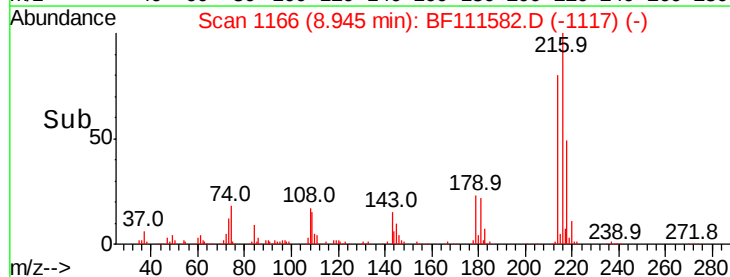
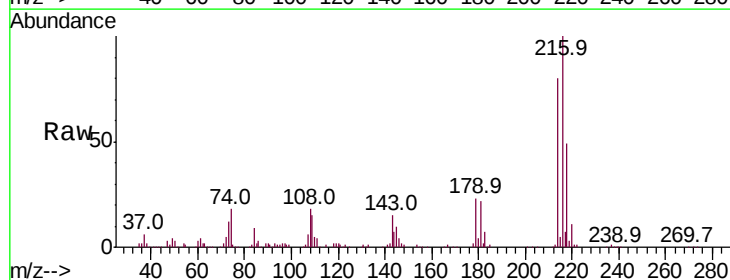
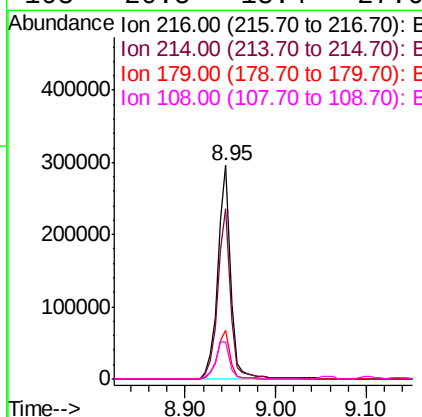
RT: 8.95 min Scan# 1166

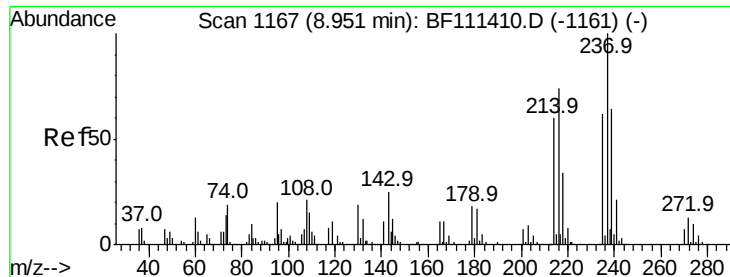
Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	216	Resp:	289019
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.8
179	22.8	17.9	26.9
108	20.5	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 14.538 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

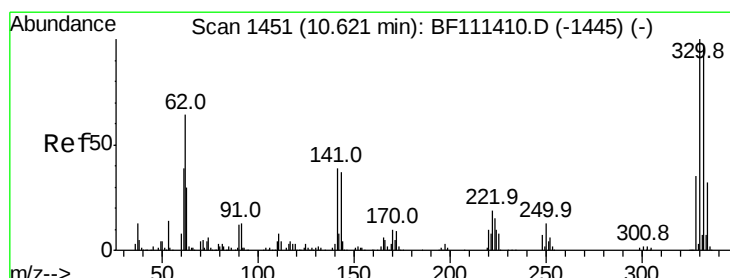
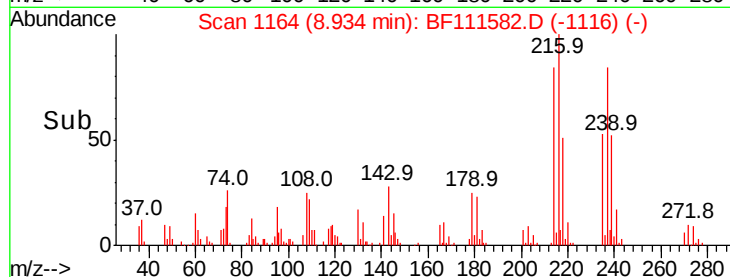
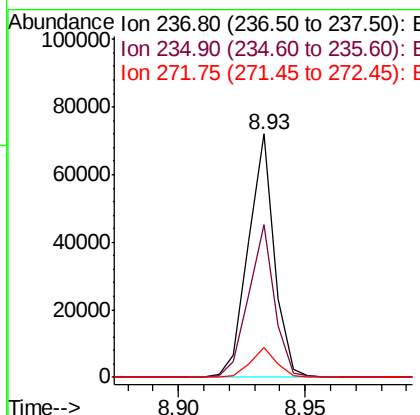
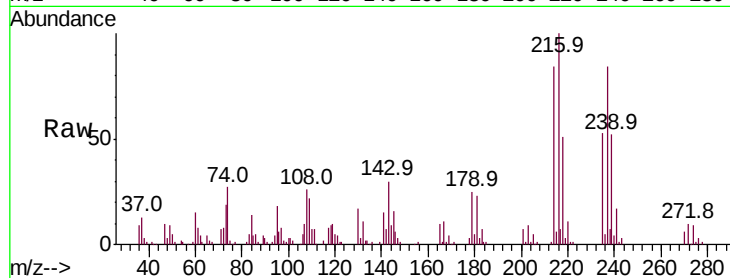
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	51412
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.1	83.1
272	12.3	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 91.322 ng

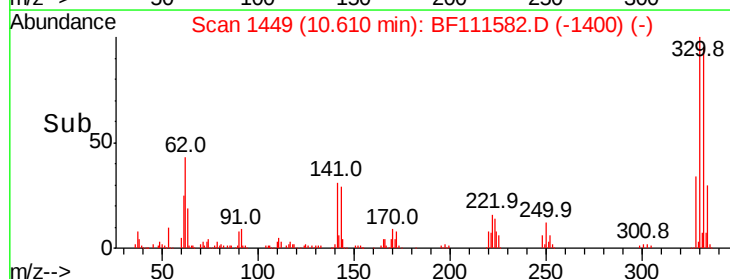
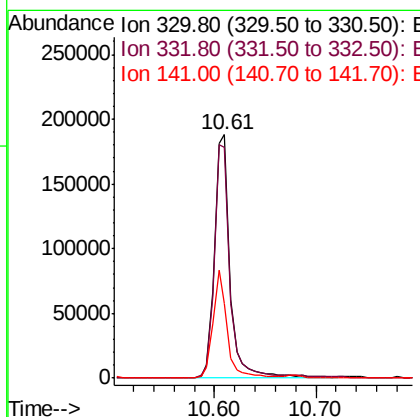
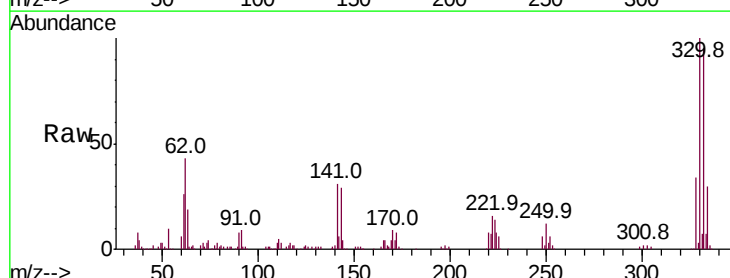
RT: 10.61 min Scan# 1449

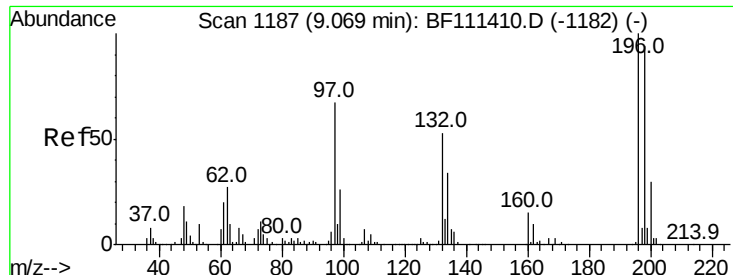
Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	330	Resp:	205469
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.0	114.0
141	39.5	31.0	46.6





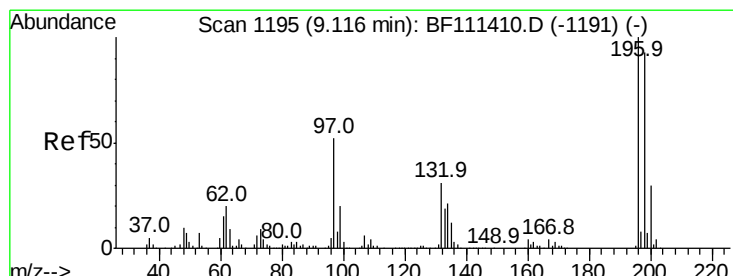
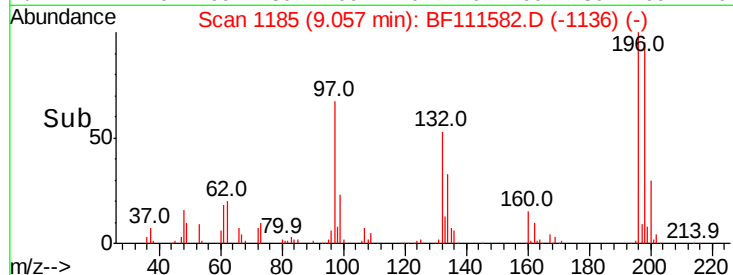
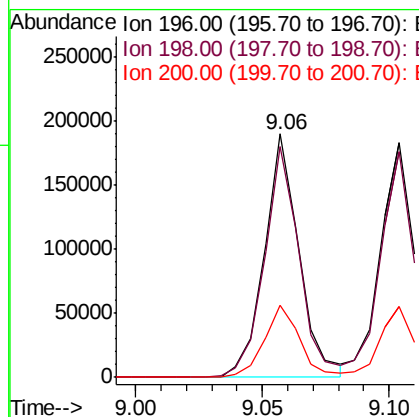
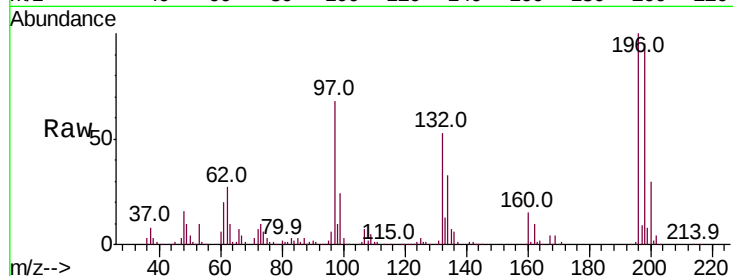
#43
 2,4,6-Trichlorophenol
 Concen: 37.091 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	196	Resp:	180819
Ion Ratio	Lower	Upper	
196	100		
198	94.7	76.3	114.5
200	29.8	24.9	37.3

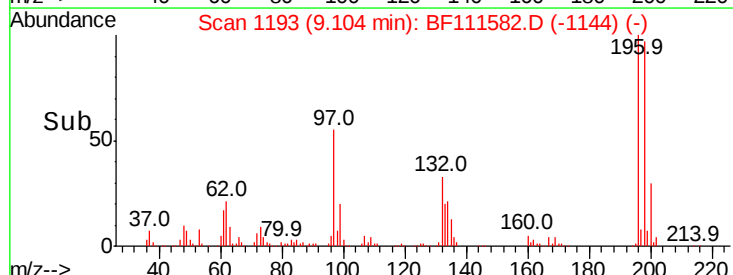
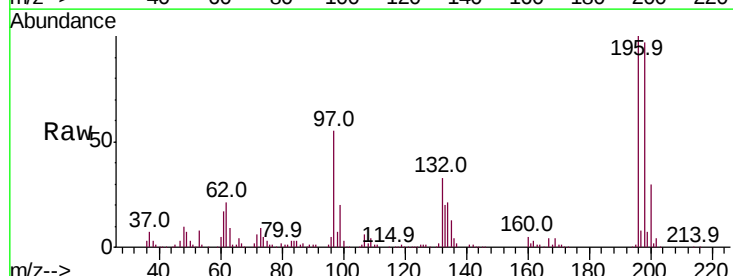
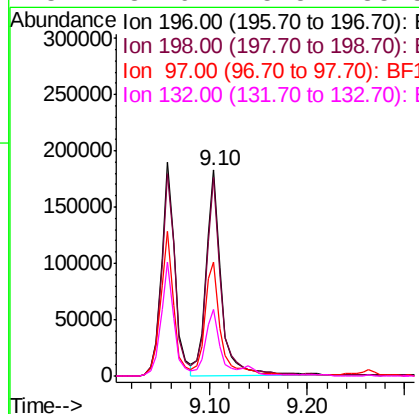
Manual Integrations
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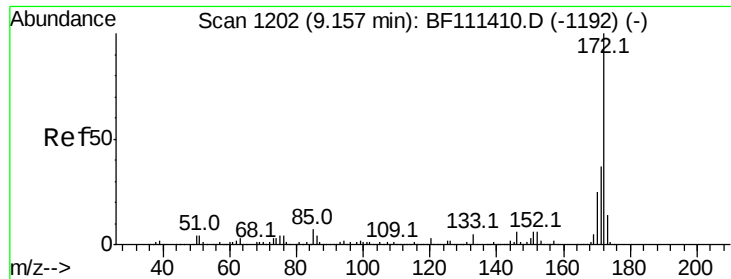
Sohil
 12/19/2018 4:09:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.730 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:	196	Resp:	195733
Ion Ratio	Lower	Upper	
196	100		
198	96.5	72.9	109.3
97	55.4	45.3	67.9
132	32.6	25.5	38.3





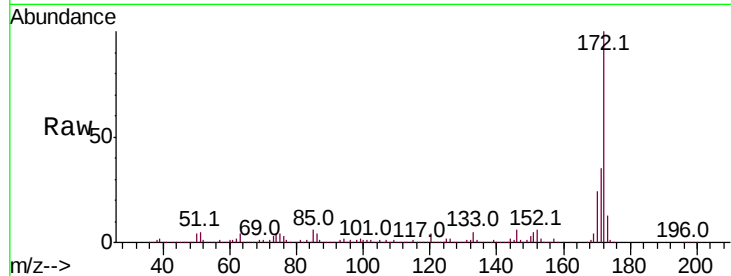
#45
2-Fluorobiphenyl
Concen: 88.263 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	24.0	22.3	33.5

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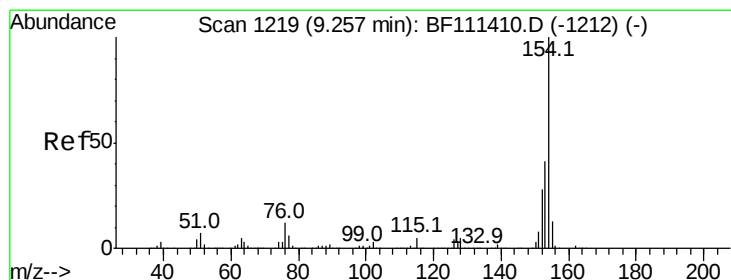
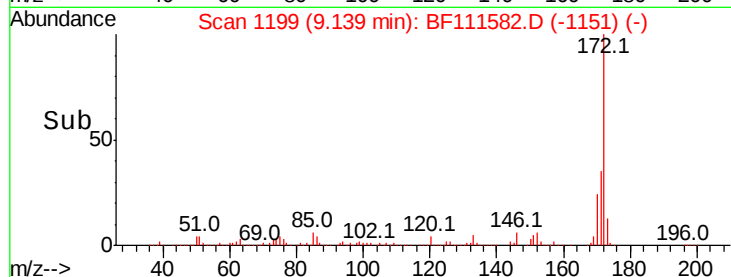
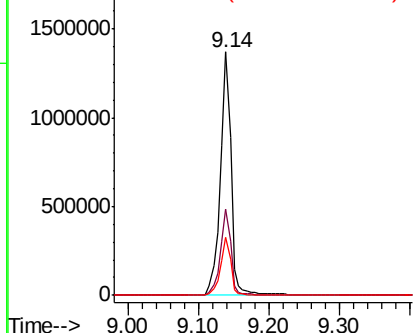


Abundance

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: 41.232 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

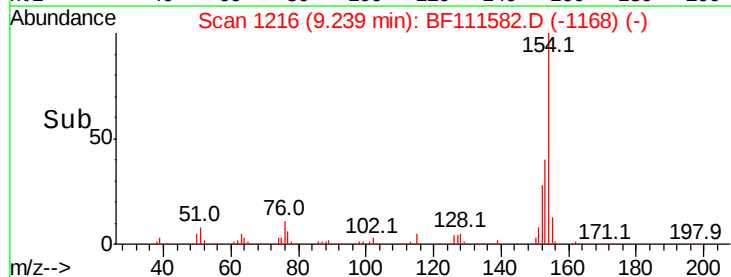
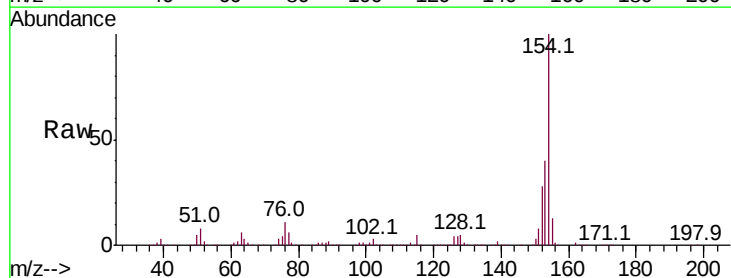
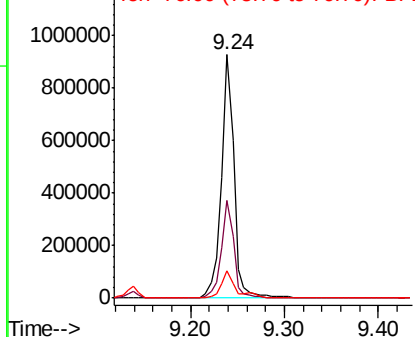
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	23.7	63.7
76	11.2	0.0	35.0

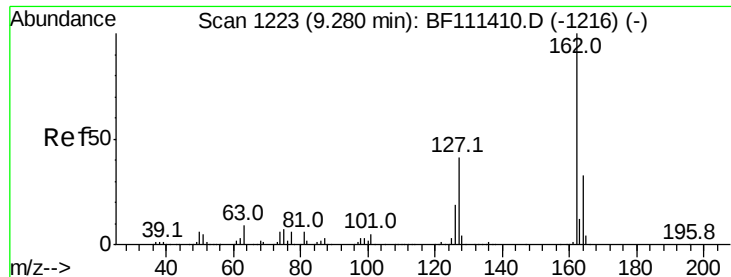
Abundance

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





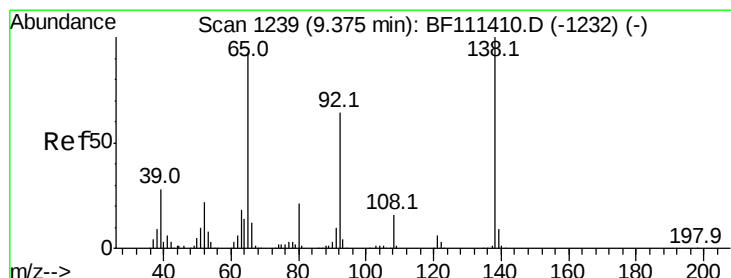
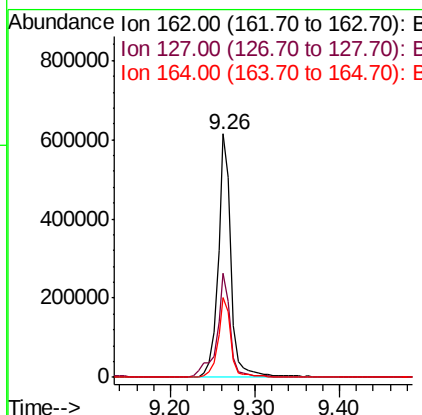
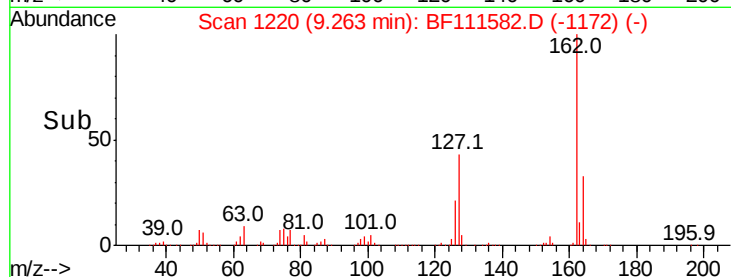
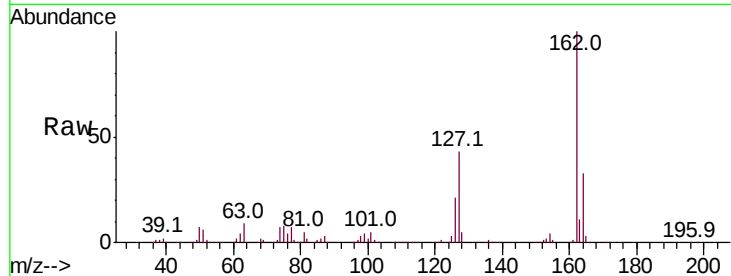
#47
 2-Chloronaphthalene
 Concen: 41.381 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.7	35.0	52.4
164	32.9	28.4	42.6

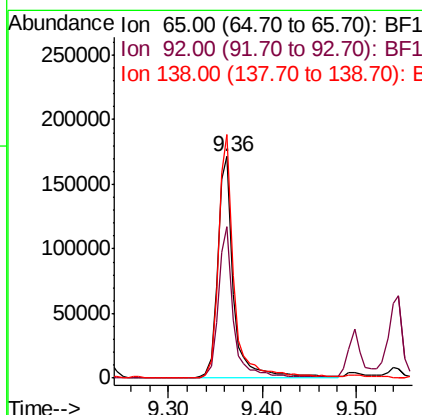
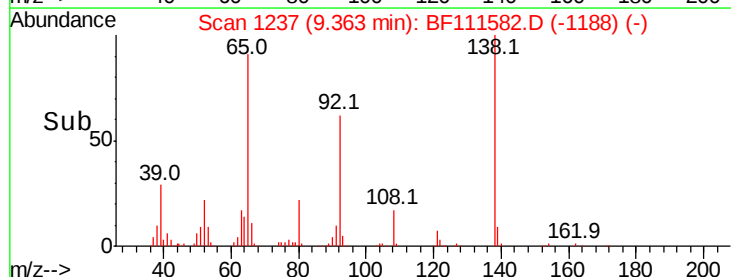
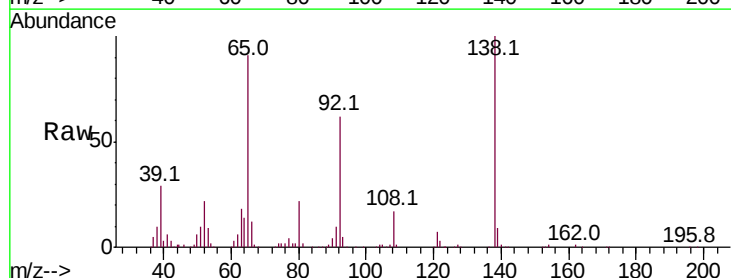
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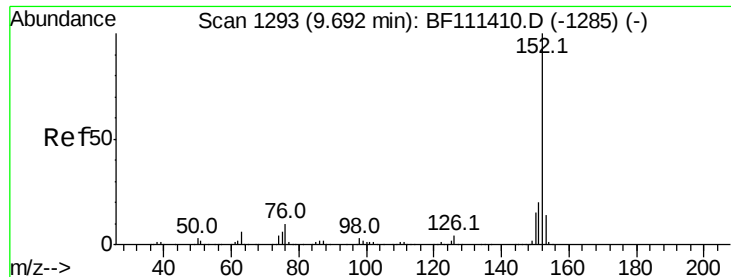
Sohil
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#48
 2-Nitroaniline
 Concen: 39.054 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.5	80.3
138	110.0	80.9	121.3





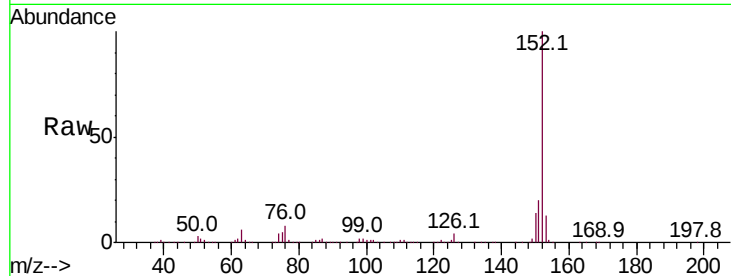
#49
Acenaphthylene
Concen: 41.339 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

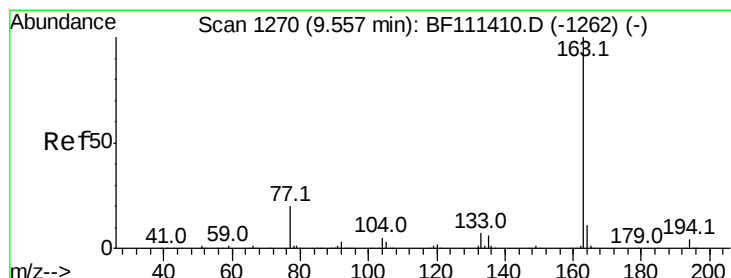
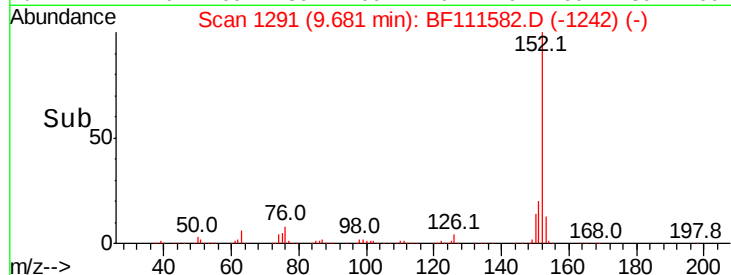
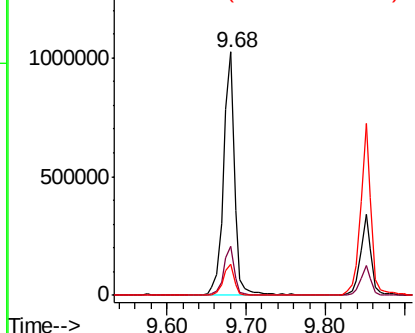
Tot Ion	Ratio	Resp	Lower	Upper
152	100	992636		
151	20.4		18.0	27.0
153	12.8		12.3	18.5

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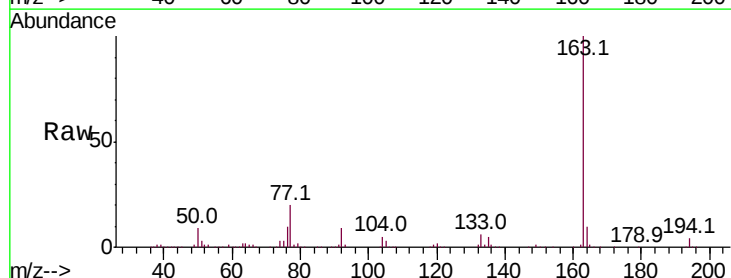


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

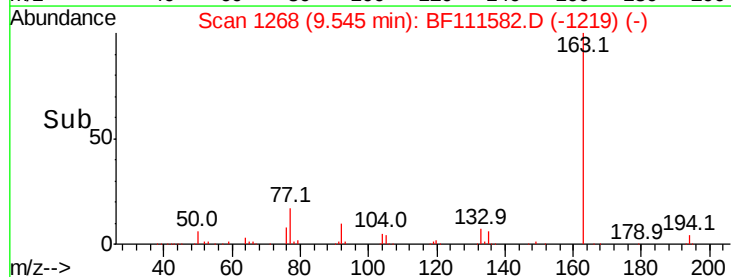
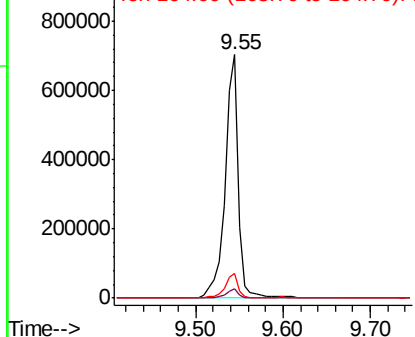


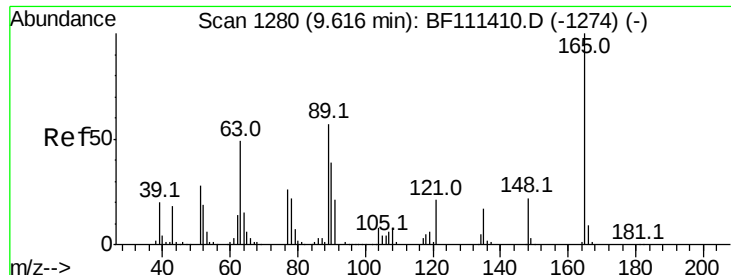
#50
Dimethylphthalate
Concen: 40.747 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	737063		
194	3.9		3.0	4.6
164	10.2		8.9	13.3



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





#51

2,6-Dinitrotoluene

Concen: 40.197 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

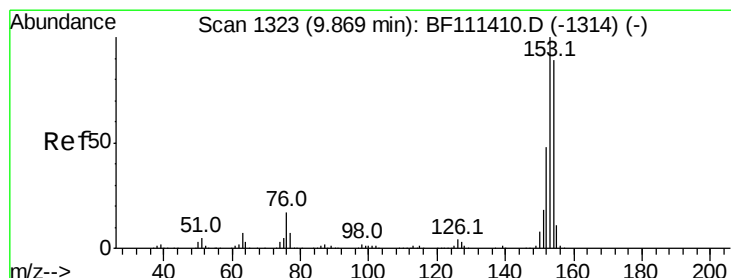
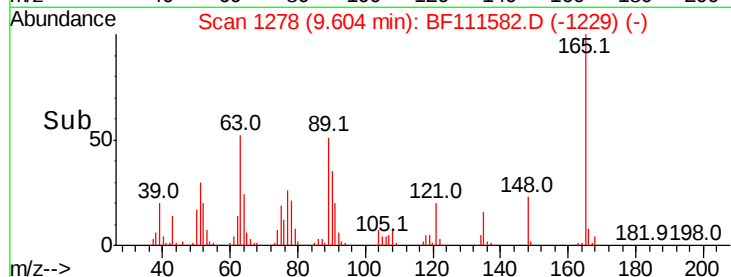
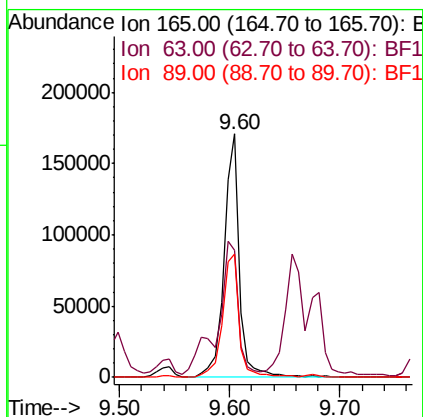
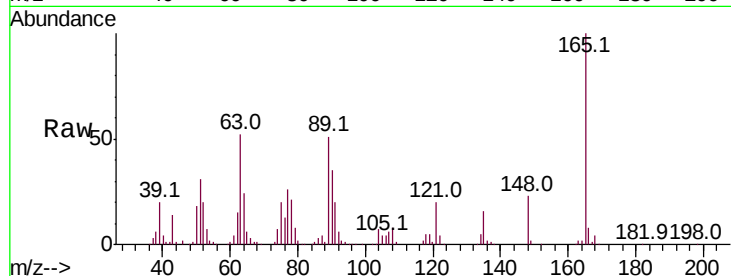
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	163664
Ion Ratio	Lower	Upper	
165	100		
63	52.2	40.5	60.7
89	50.7	40.0	60.0

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#52

Acenaphthene

Concen: 40.317 ng

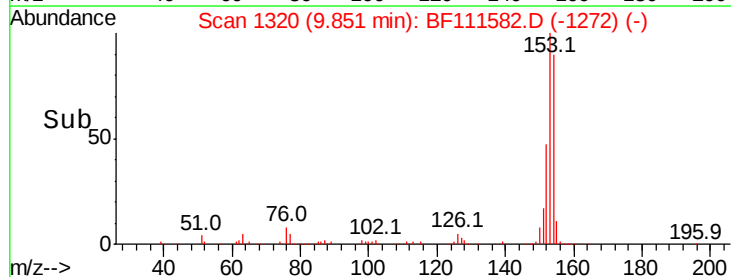
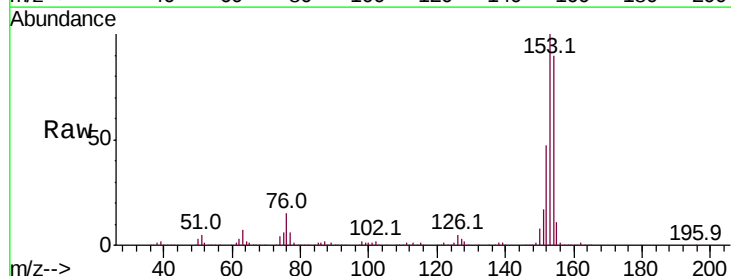
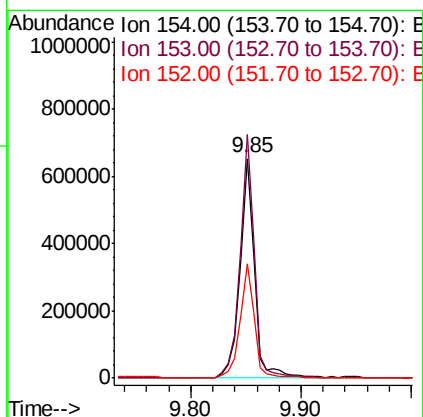
RT: 9.85 min Scan# 1320

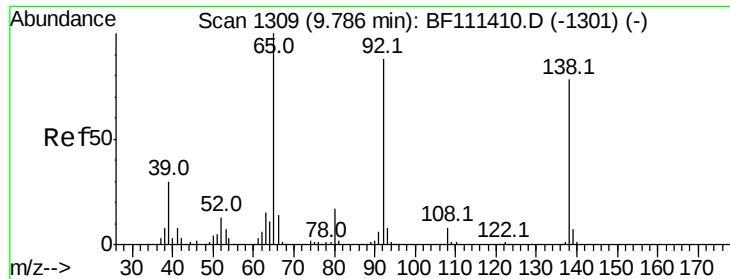
Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	154	Resp:	611885
Ion Ratio	Lower	Upper	
154	100		
153	111.0	87.8	131.8
152	52.2	43.4	65.2





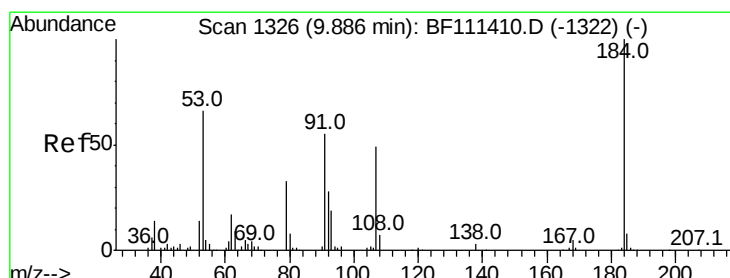
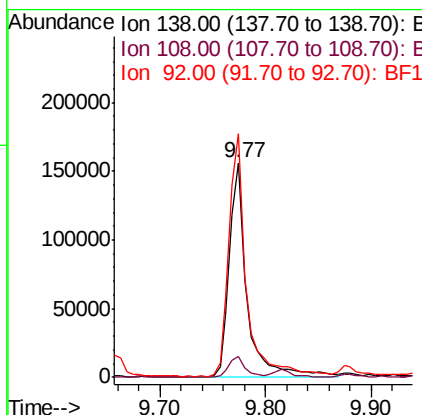
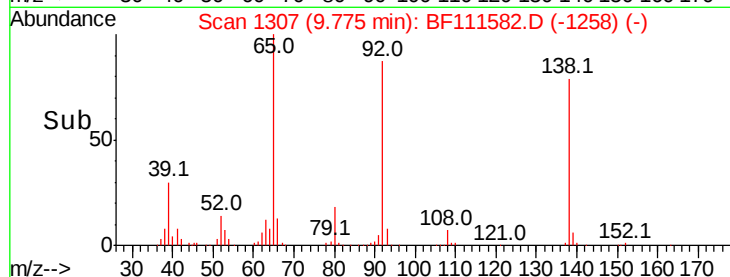
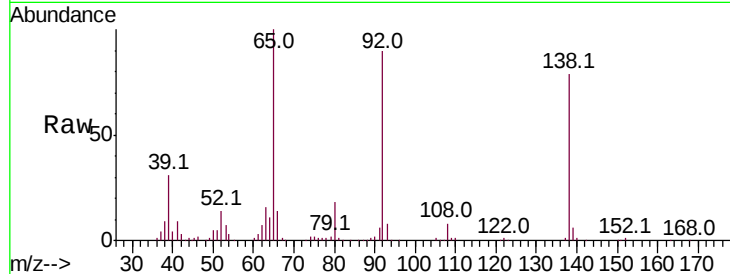
#53
3-Nitroaniline
Concen: 37.076 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	183358		
108	9.8	8.2	12.4	
92	113.6	93.4	140.2	

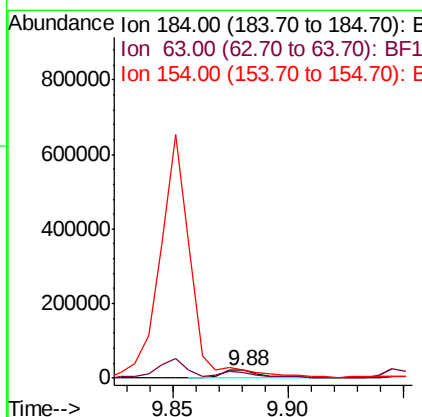
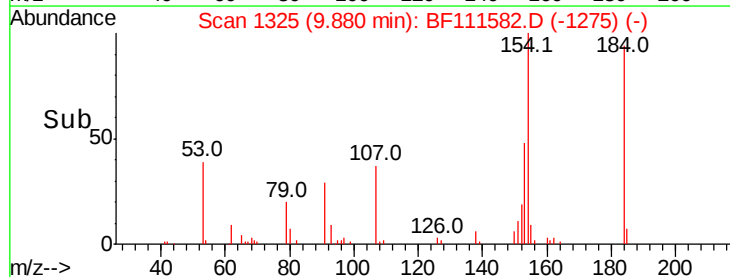
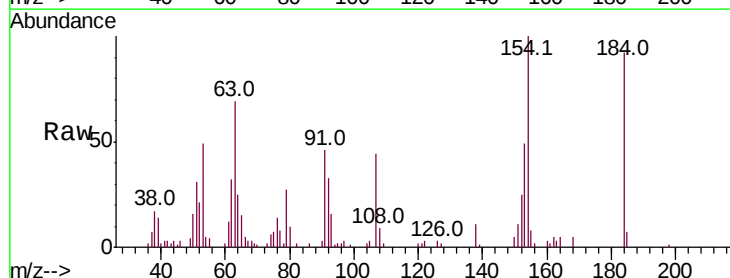
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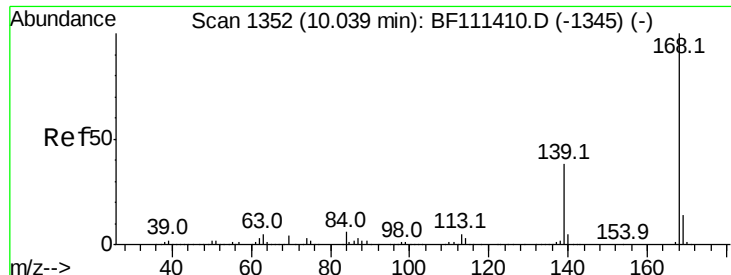
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#54
2,4-Dinitrophenol
Concen: 17.334 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	26851		
63	74.8	62.3	93.5	
154	108.2	56.2	84.2#	





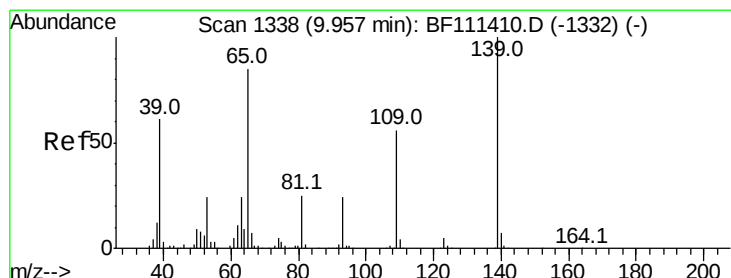
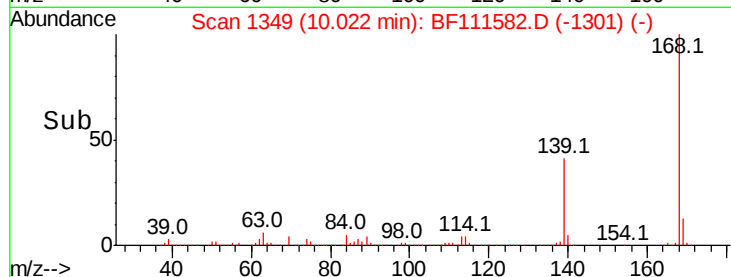
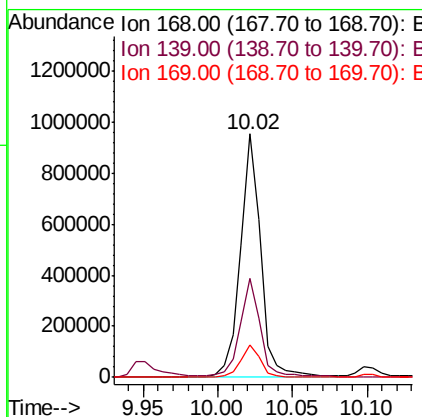
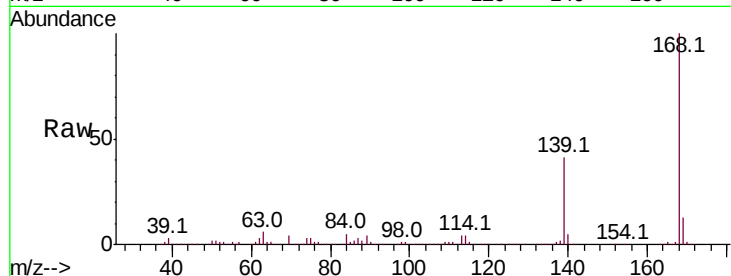
#55
Dibenzenofuran
Concen: 41.373 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.6	49.0
169	13.3	11.8	17.6

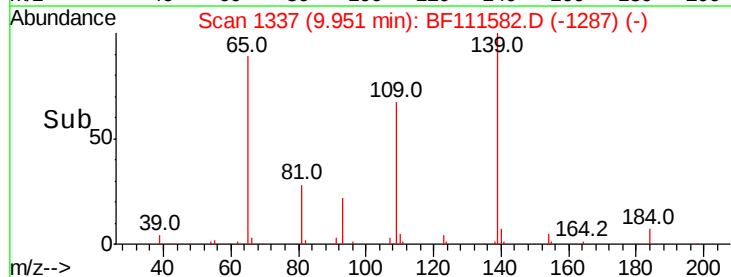
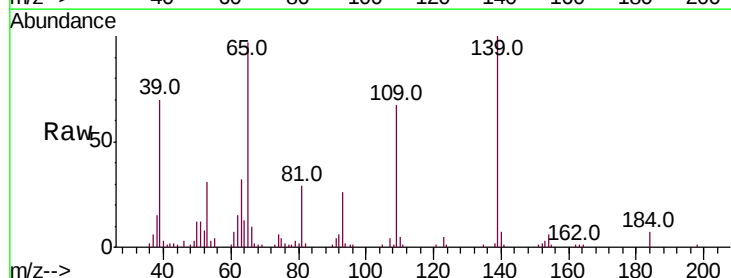
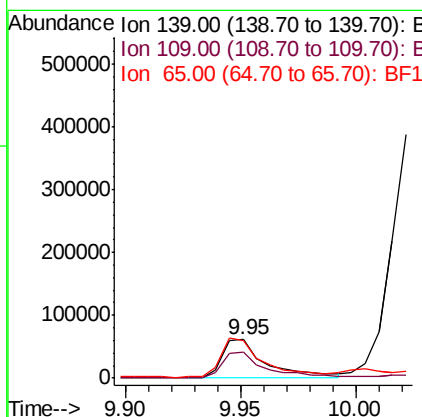
Manual Integrations
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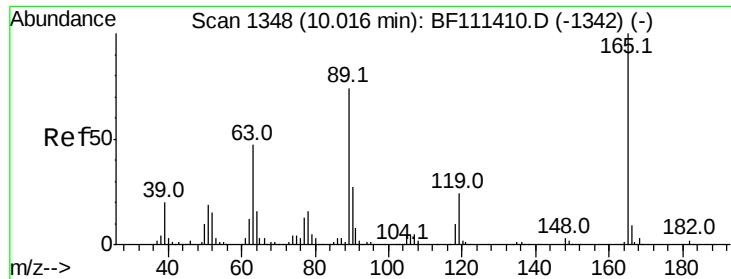
Sohil
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#56
4-Nitrophenol
Concen: 23.721 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.4	41.8	81.8
65	97.2	79.6	119.6





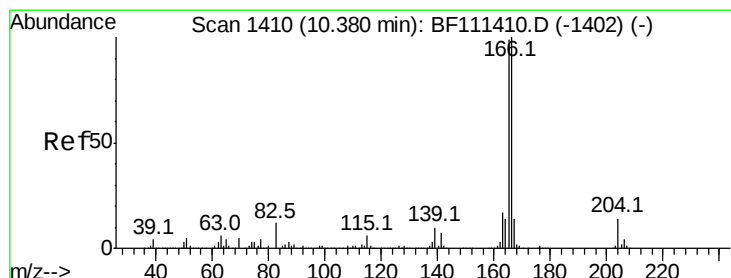
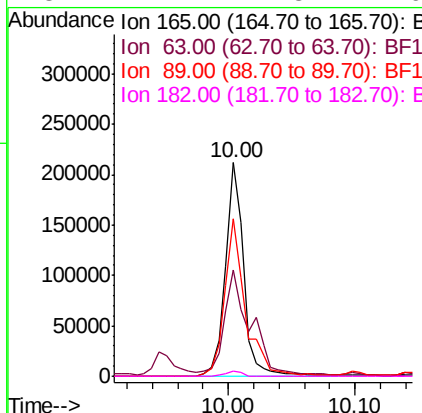
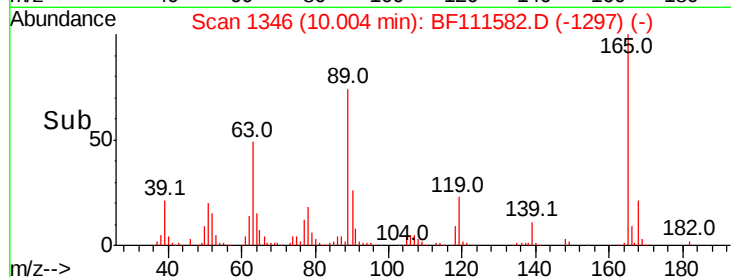
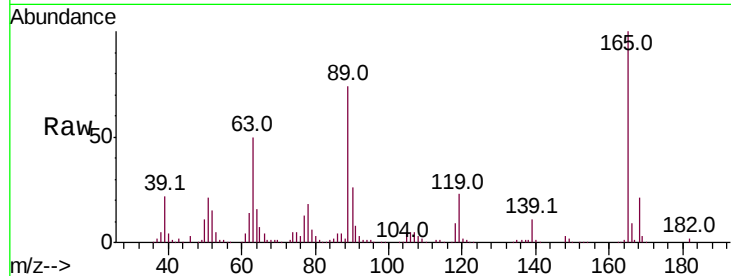
#57
2,4-Dinitrotoluene
Concen: 39.781 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	212590		
63	49.6	34.6	52.0	
89	73.7	56.2	84.4	
182	2.2	1.8	2.6	

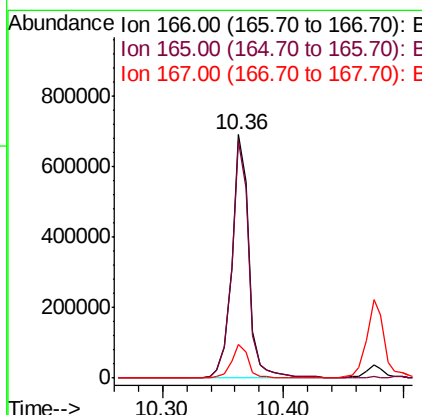
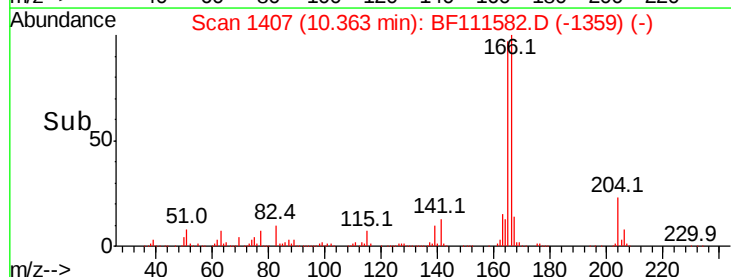
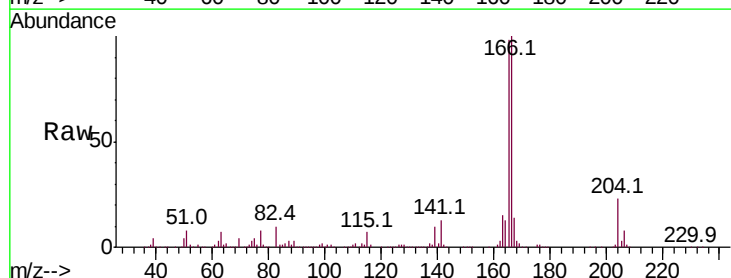
Manual Integrations
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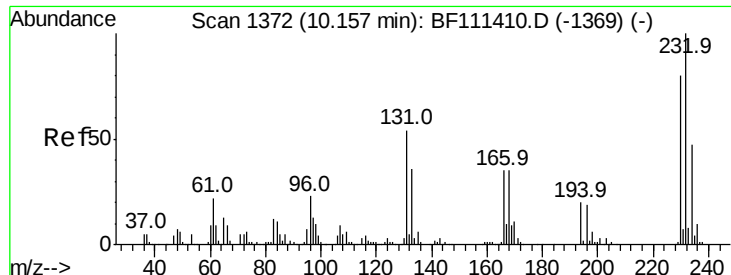
Sohil
12/19/2018 4:09:30 PM



#58
Fluorene
Concen: 42.813 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	684088		
165	97.6	78.4	117.6	
167	13.8	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.942 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 157841

Ion Ratio Lower Upper

232 100

131 50.2 40.9 61.3

130 2.3 2.0 3.0

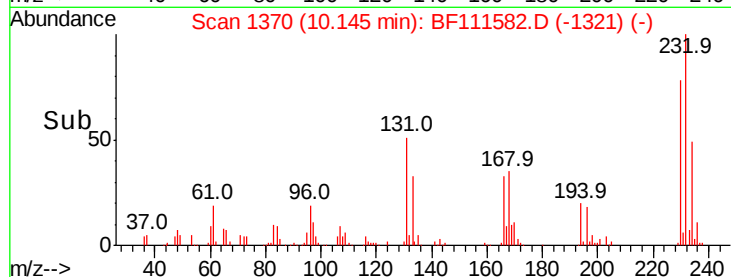
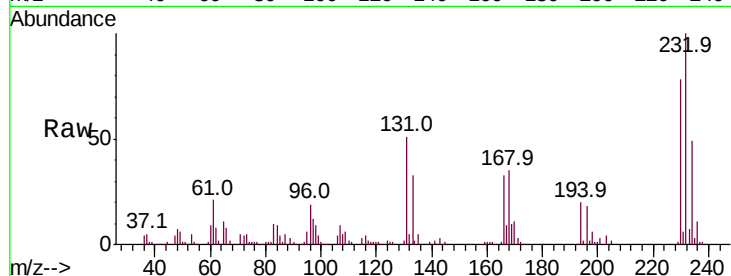
166 31.5 26.8 40.2

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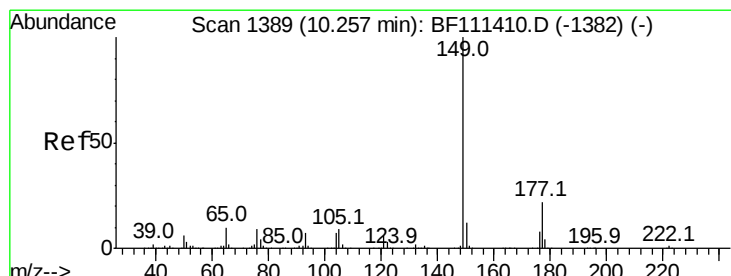
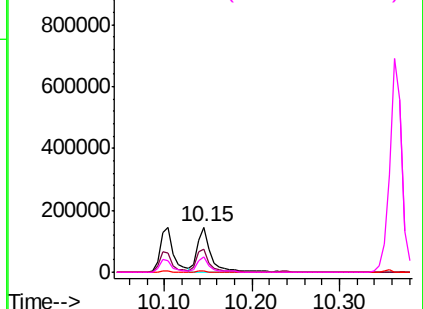


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.585 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

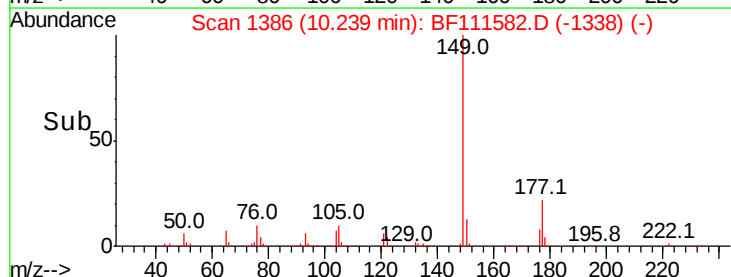
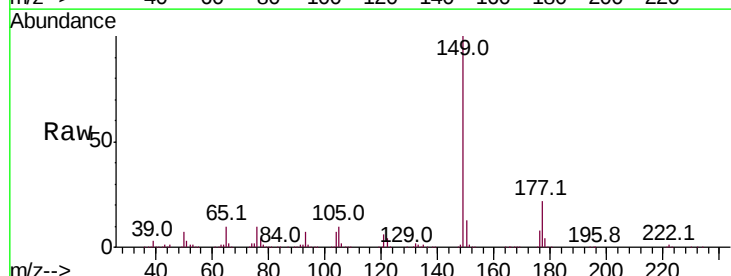
Tgt Ion:149 Resp: 761957

Ion Ratio Lower Upper

149 100

177 21.5 18.3 27.5

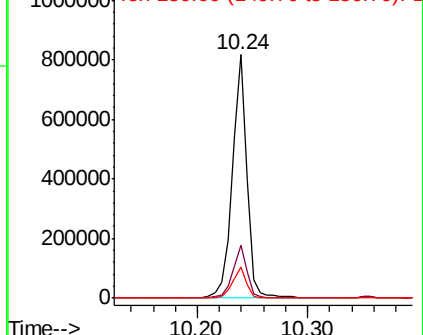
150 12.9 10.6 15.8

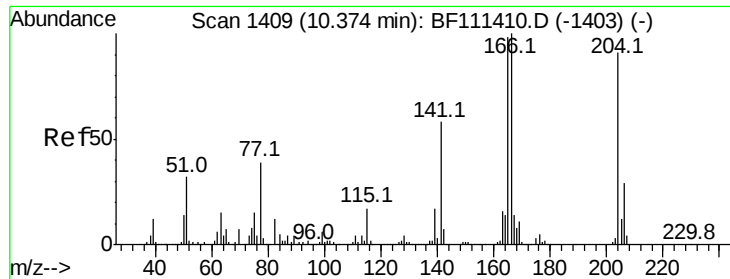


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





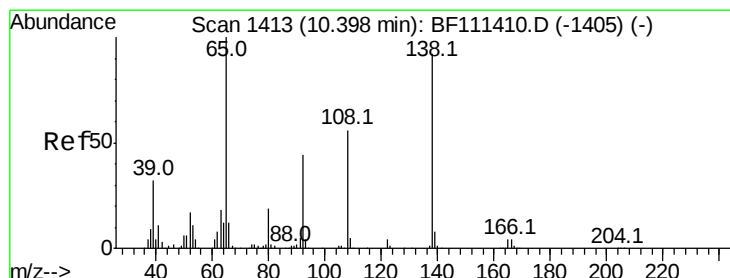
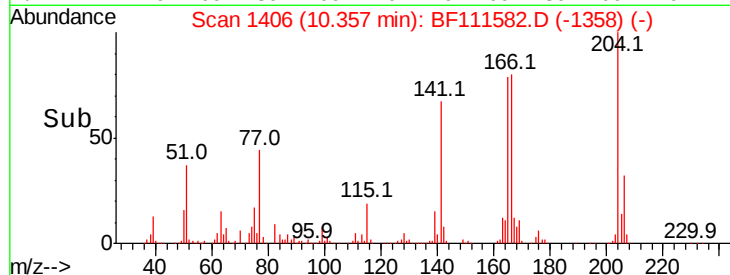
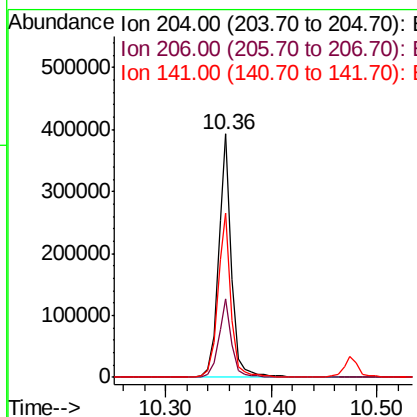
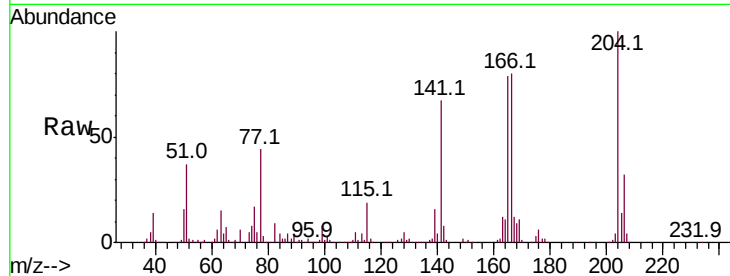
#61
 4-Chlorophenyl-phenylether
 Concen: 43.620 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	341003
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.6	39.8
141	67.3	52.6	78.8

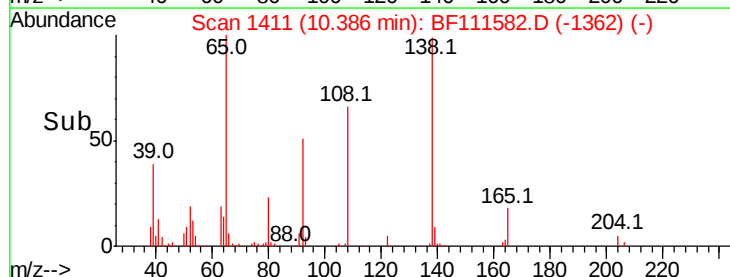
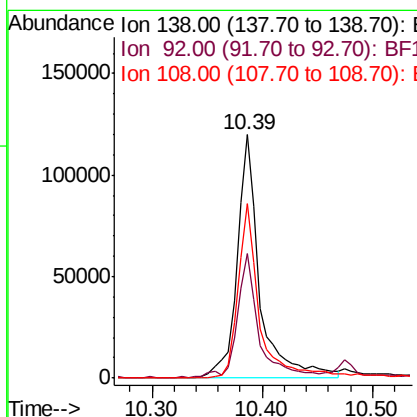
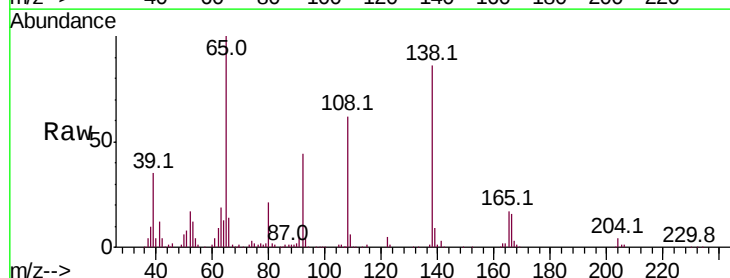
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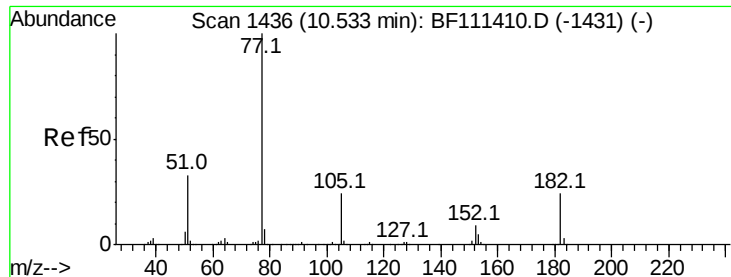
Sohil
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#62
 4-Nitroaniline
 Concen: 35.559 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:	138	Resp:	174087
Ion Ratio	Lower	Upper	
138	100		
92	51.4	29.9	69.9
108	71.5	43.2	83.2





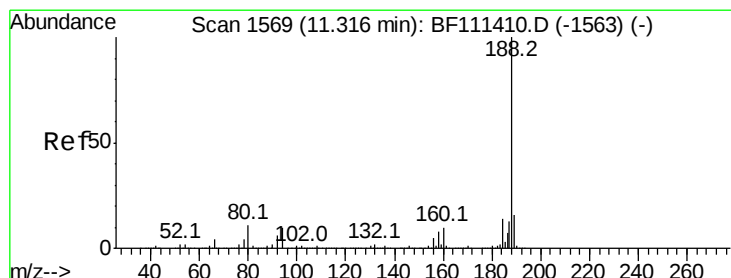
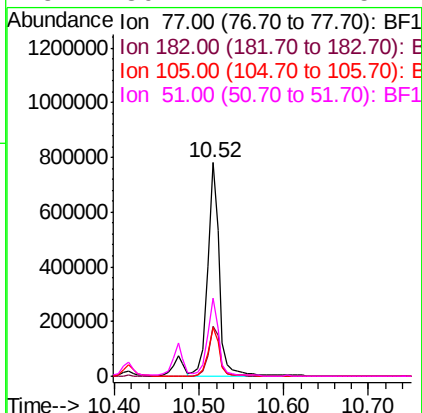
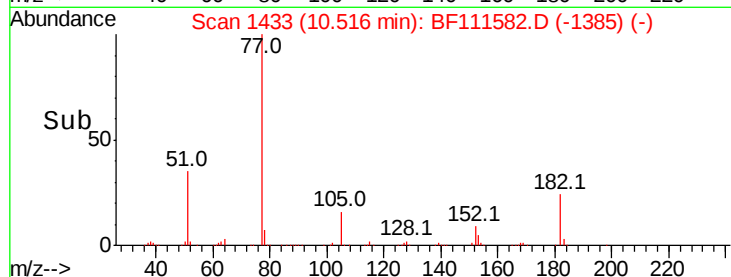
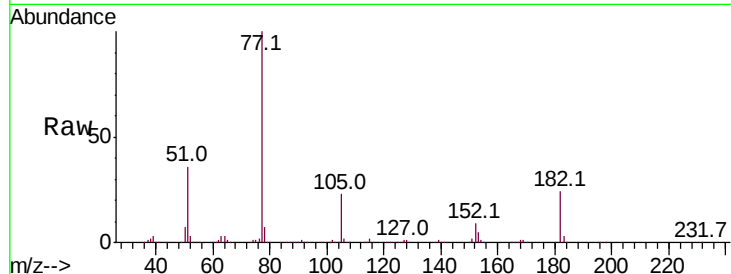
#63
Azobenzene
Concen: 41.015 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.9	44.9
105	22.9	6.0	46.0
51	36.4	14.7	54.7

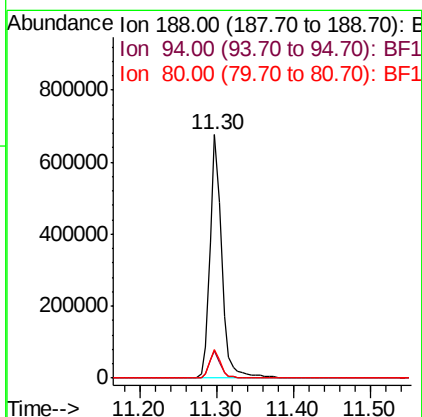
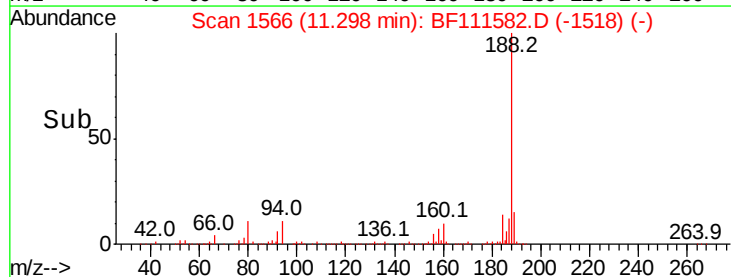
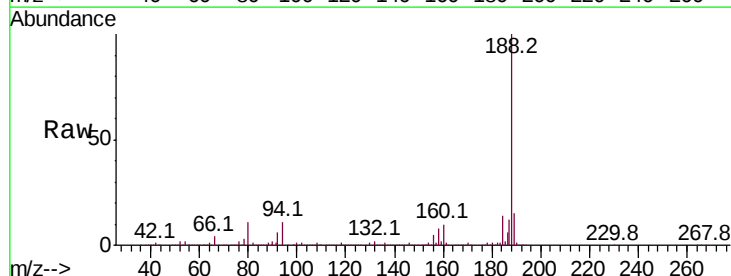
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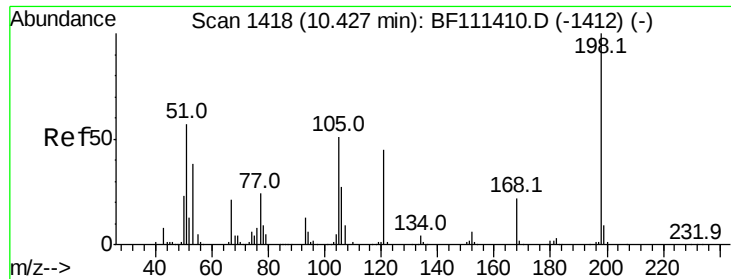
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.6	14.4
80	11.5	9.8	14.6





#65

4,6-Dinitro-2-methylphenol

Concen: 19.511 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

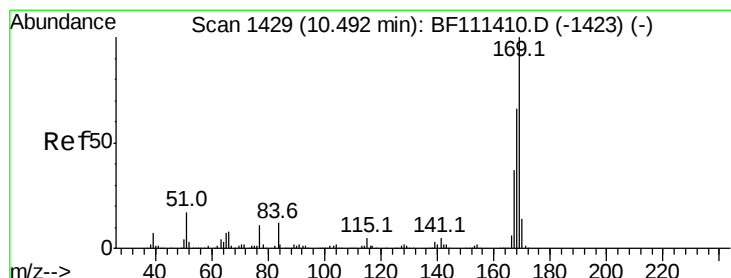
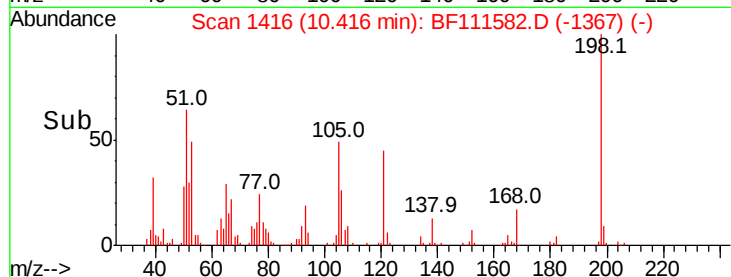
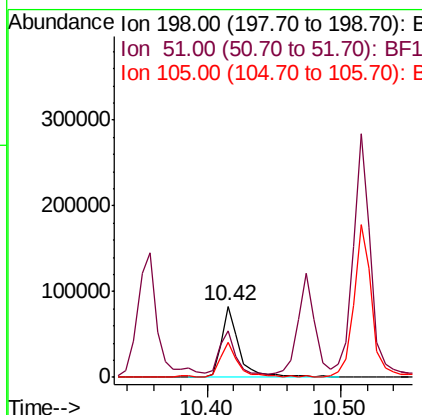
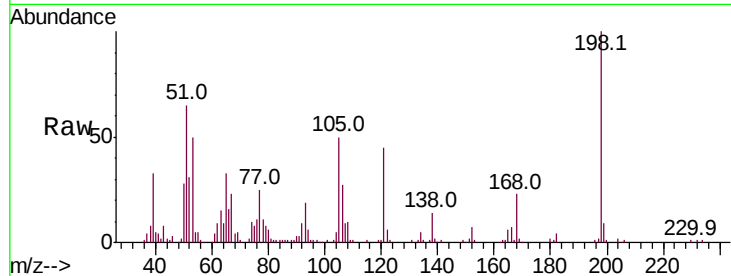
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	78030
Ion Ratio	Lower	Upper	
198	100		
51	64.5	48.0	88.0
105	49.9	34.0	74.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 26.046 ng

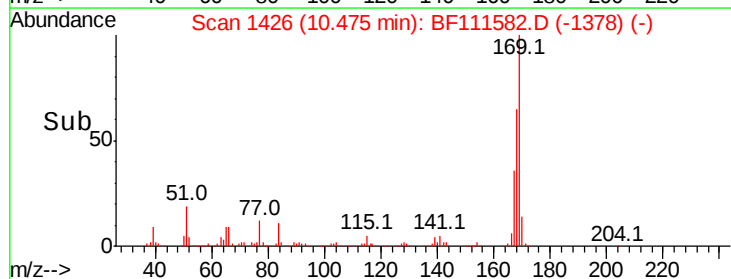
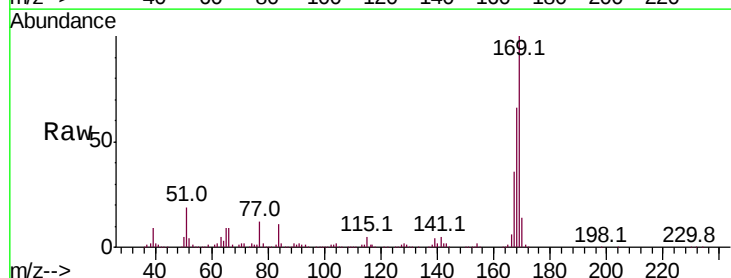
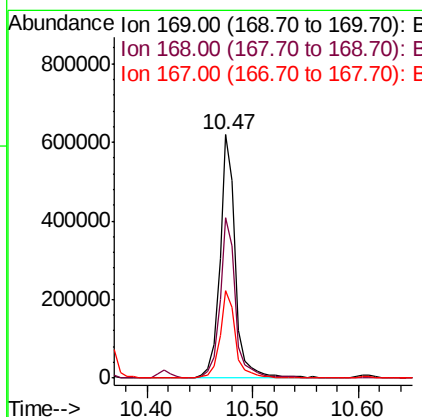
RT: 10.47 min Scan# 1426

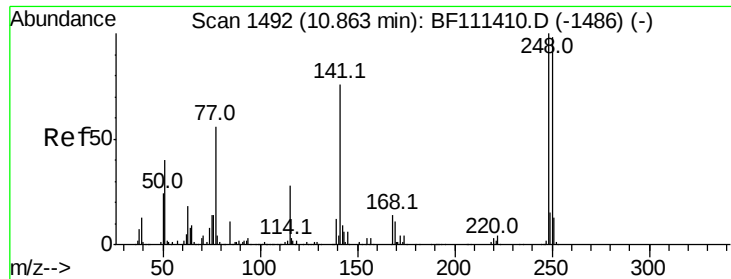
Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	169	Resp:	636279
Ion Ratio	Lower	Upper	
169	100		
168	65.7	54.4	81.6
167	35.9	30.5	45.7





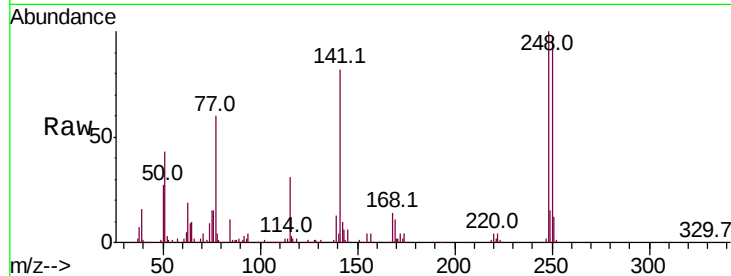
#67
4-Bromophenyl-phenylether
Concen: 32.825 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.4
141	82.3	63.0	94.6

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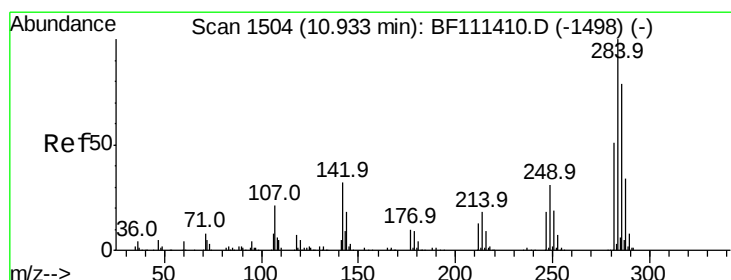
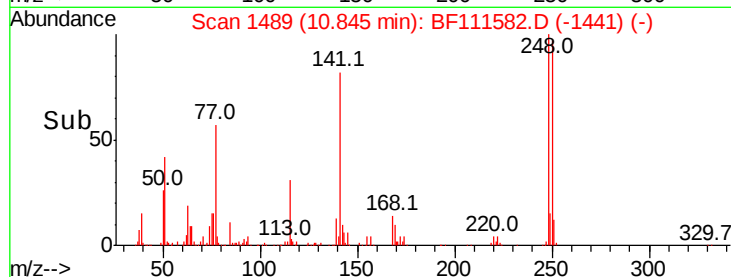
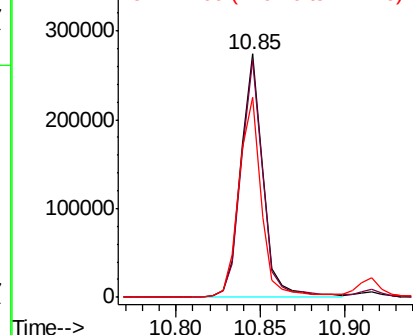


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.243 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

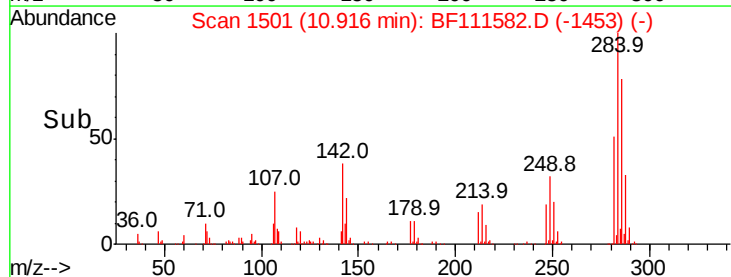
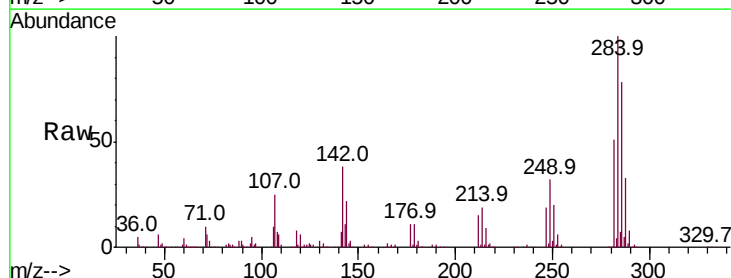
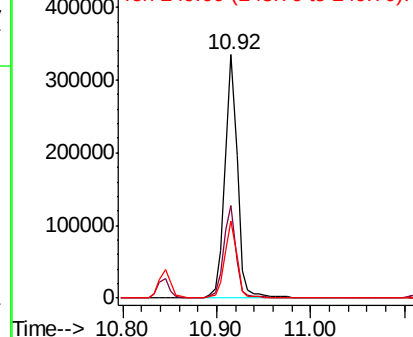
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	27.4	41.2
249	31.6	24.4	36.6

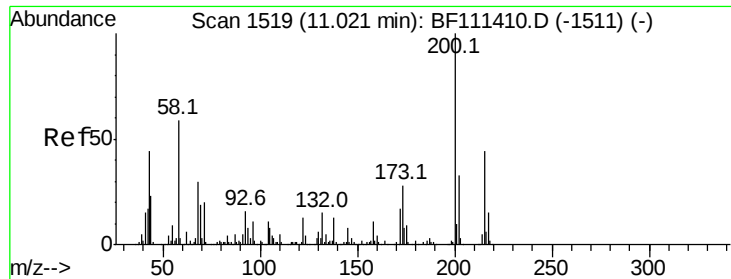
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





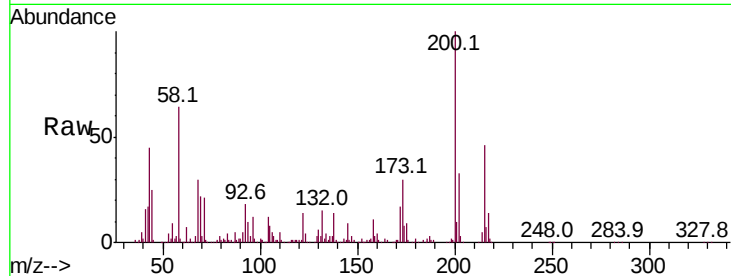
#69
Atrazine
Concen: 37.384 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	263929		
173	29.9	10.1	50.1	
215	46.2	26.9	66.9	

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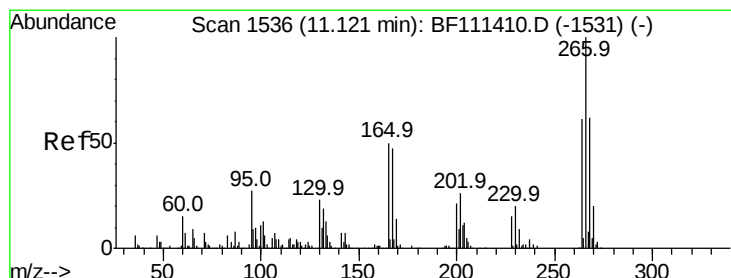
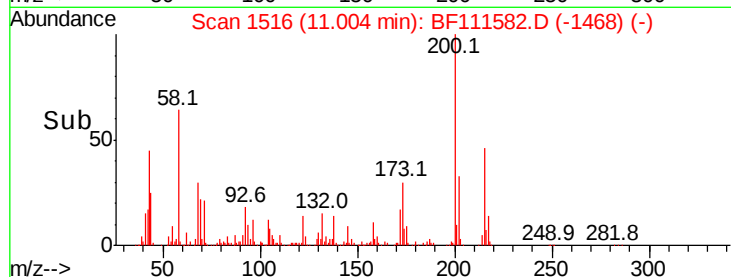
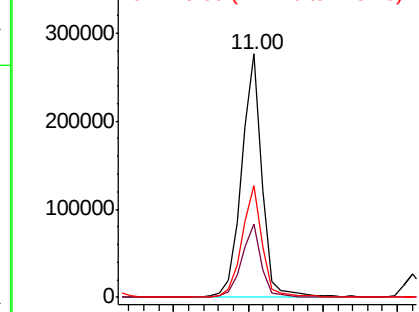


Abundance

Ion 200.00 (199.70 to 200.70): E

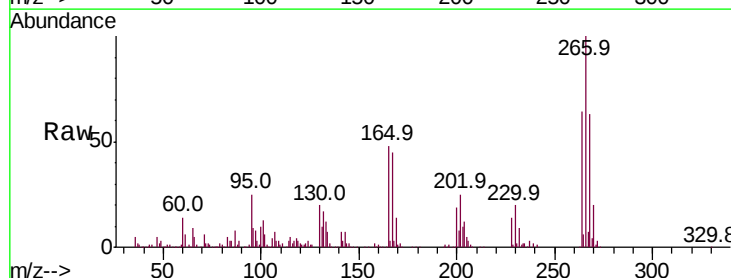
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.376 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	165595		
268	62.9	47.9	71.9	
264	63.6	49.1	73.7	

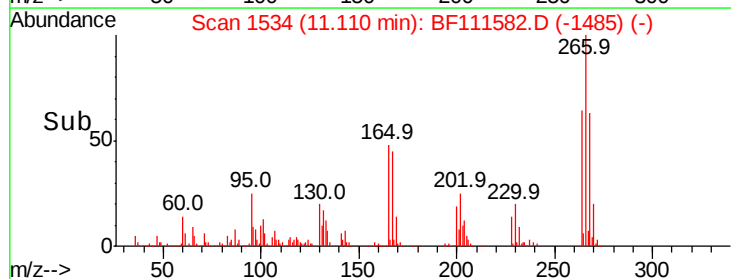
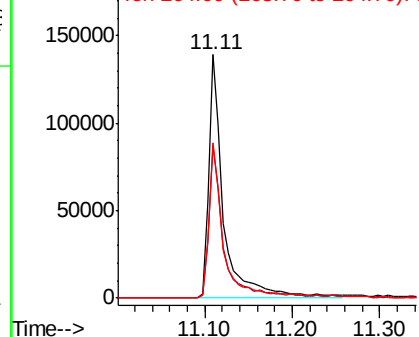


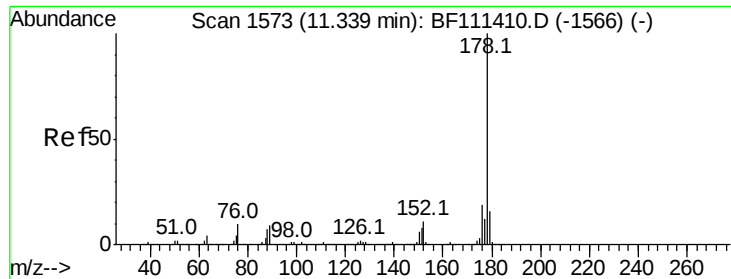
Abundance

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





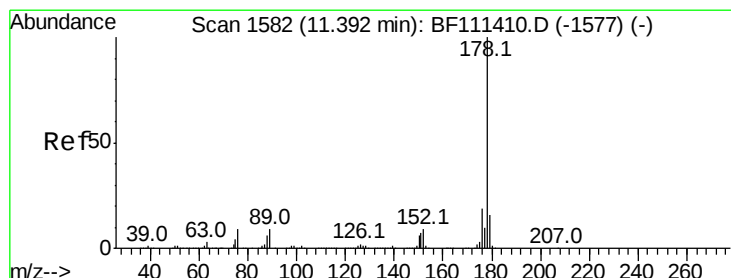
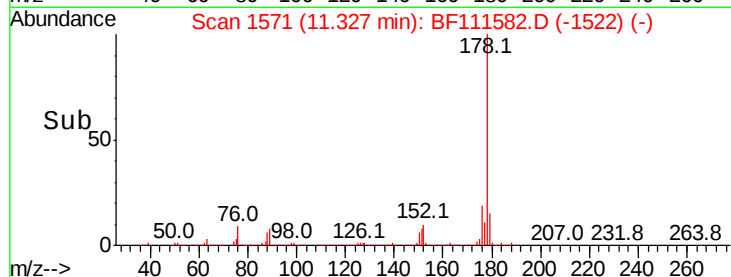
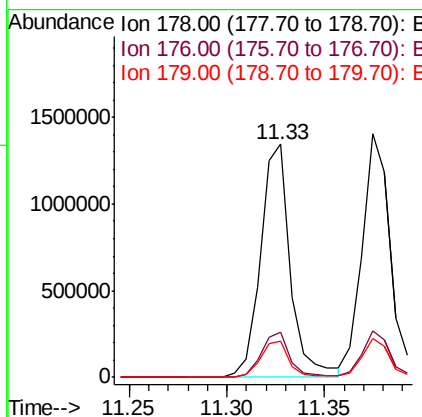
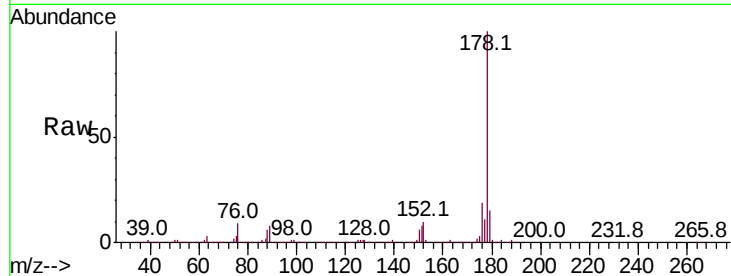
#71
Phenanthrene
Concen: 38.943 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1421493
Ion Ratio Lower Upper
178 100
176 19.2 18.1 27.1
179 15.4 14.0 21.0

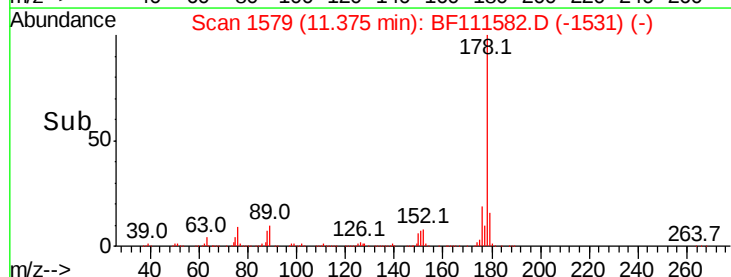
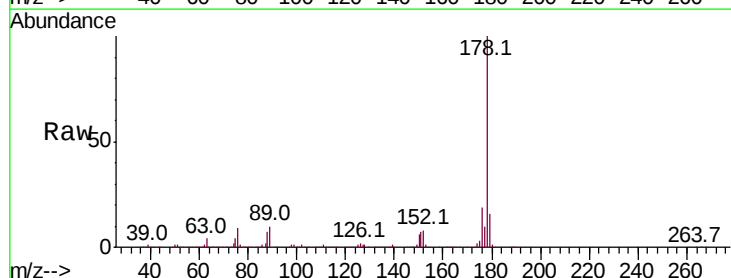
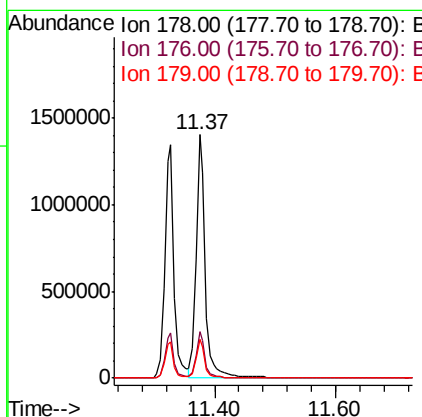
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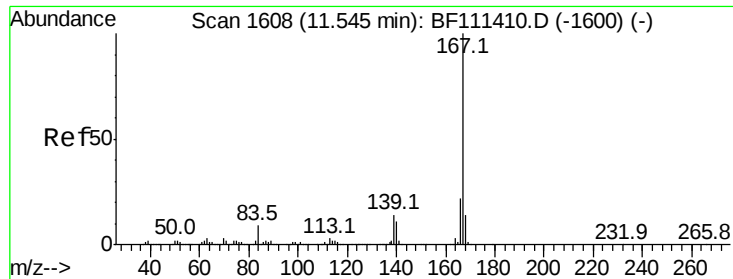
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#72
Anthracene
Concen: 40.641 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion:178 Resp: 1517126
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.8 13.8 20.8





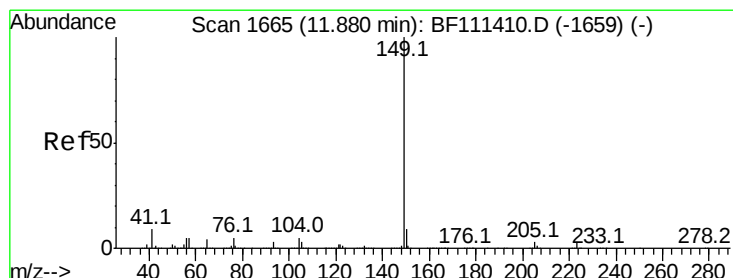
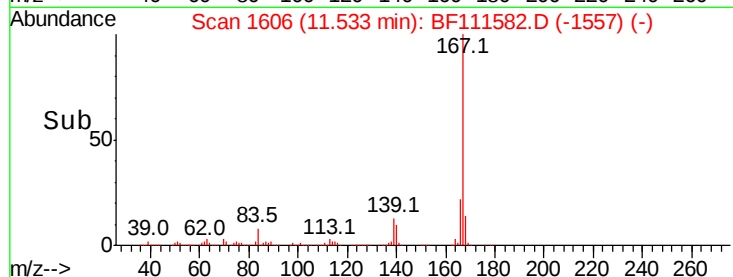
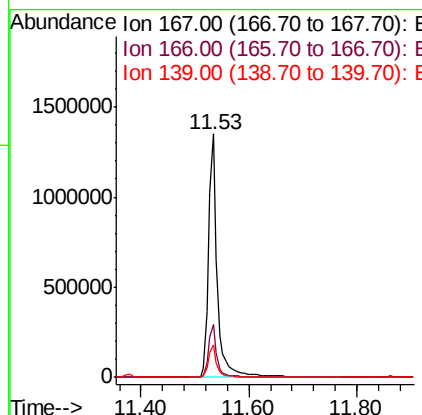
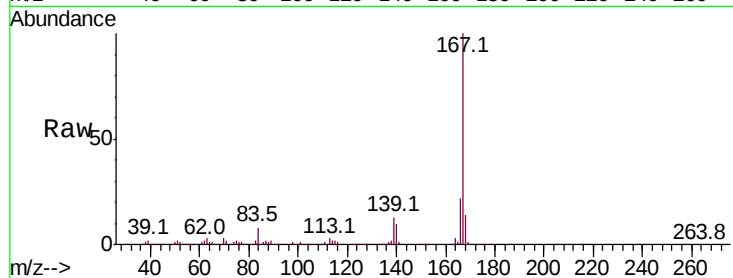
#73
 Carbazole
 Concen: 39.423 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	13.3	11.9	17.9

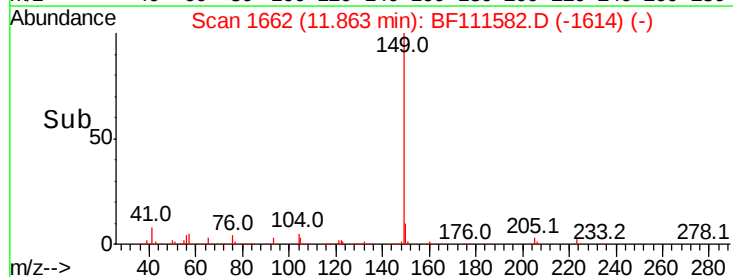
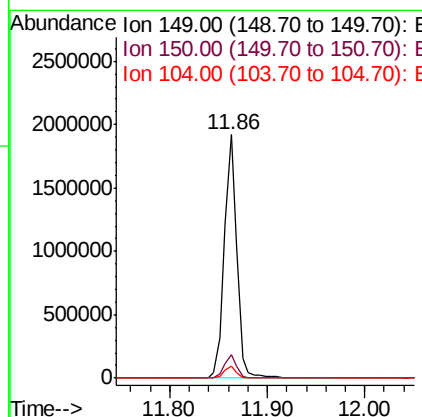
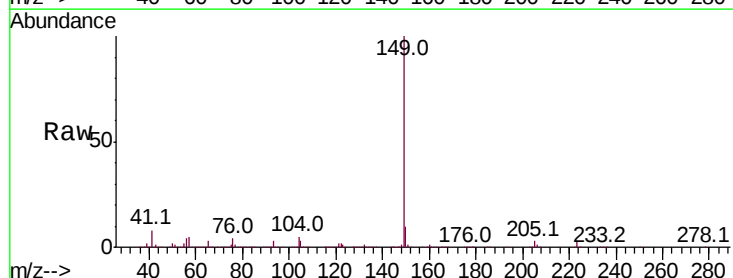
Manual Integrations
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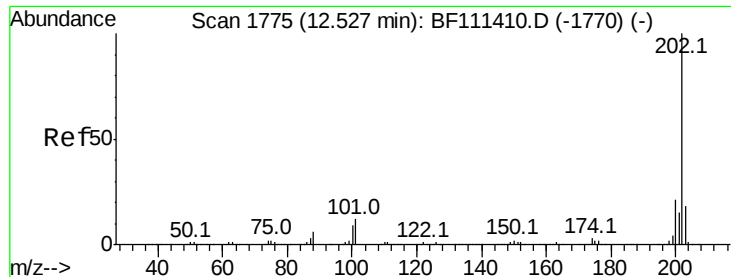
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 12/19/2018 4:09:30 PM



#74
 Di-n-butylphthalate
 Concen: 39.902 ng
 RT: 11.86 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.8	13.2
104	4.7	4.5	6.7





#75

Fluoranthene

Concen: 39.925 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

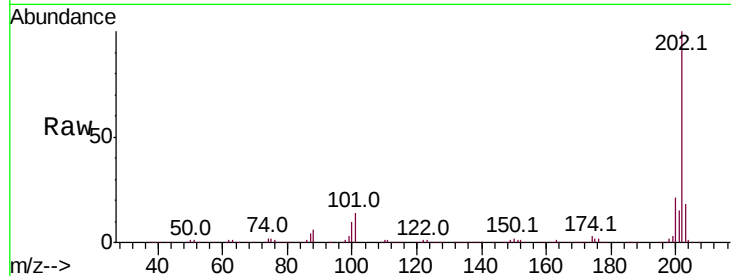
ClientSampleId :

SSTDCCC040

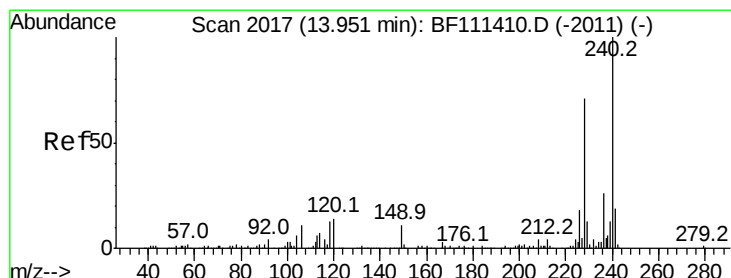
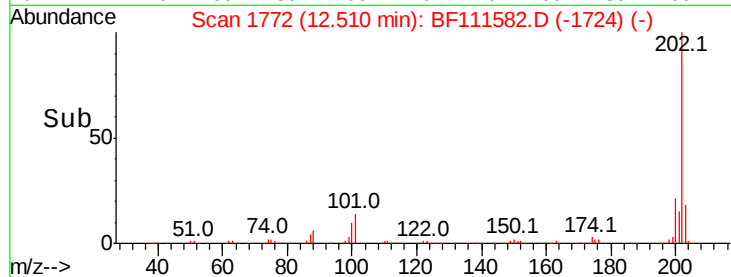
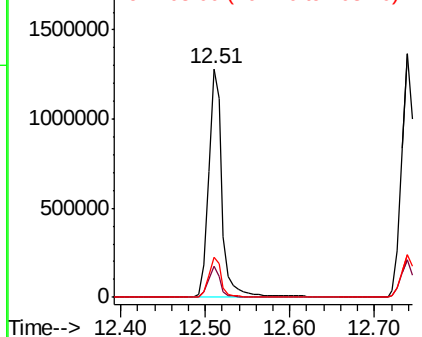
Tot Ion:	202	Resp:	1425704
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.8
203	17.8	0.0	38.6

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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: 13.94 min Scan# 2015

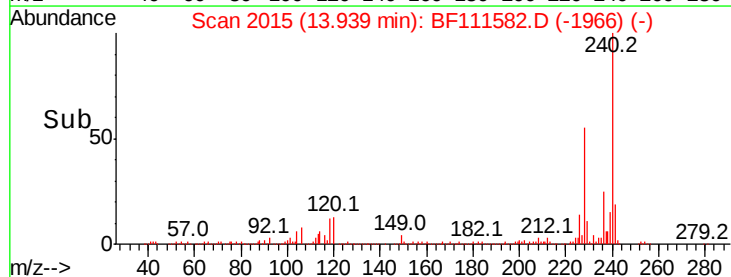
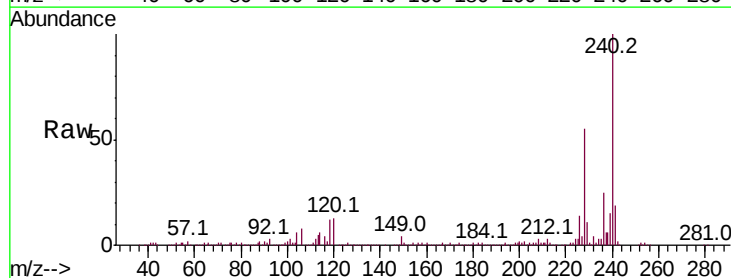
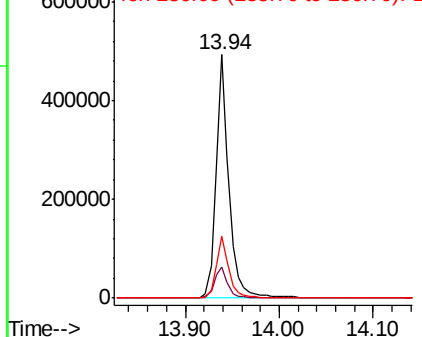
Delta R.T. -0.01 min

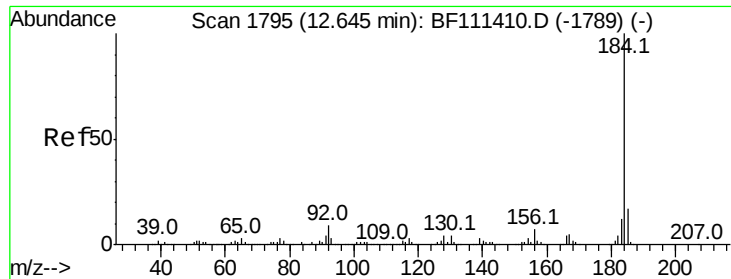
Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Tgt Ion:	240	Resp:	479520
Ion Ratio	Lower	Upper	
240	100		
120	12.8	12.2	18.2
236	25.3	20.2	30.2

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: 27.169 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

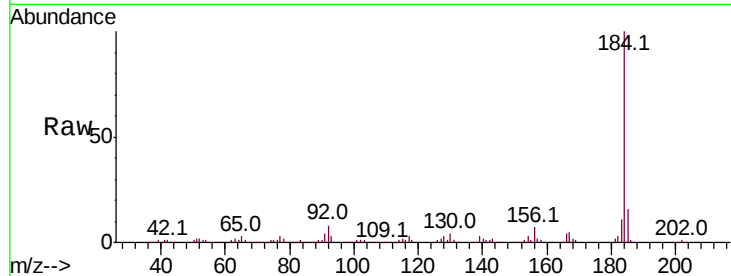
ClientSampleId :

SSTDCCC040

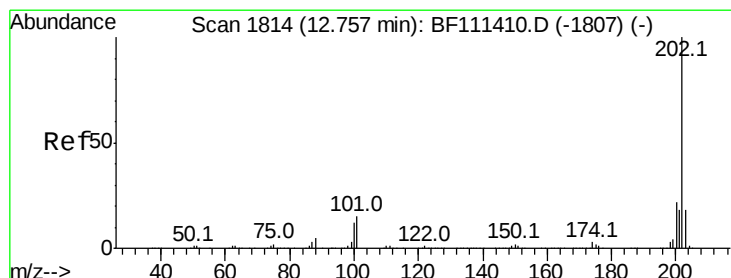
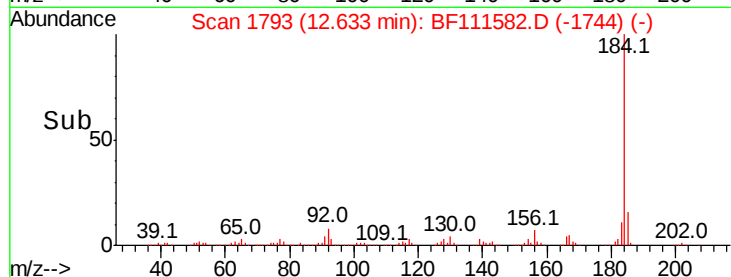
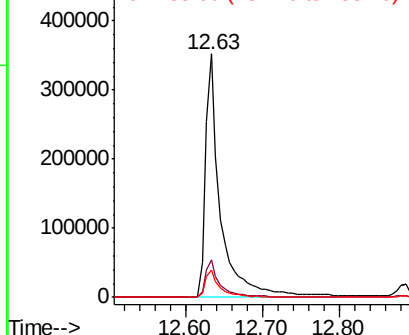
Tot Ion:	184	Resp:	478923
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.0	19.6
183	11.2	9.3	13.9

Manual Integrations
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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: 43.008 ng

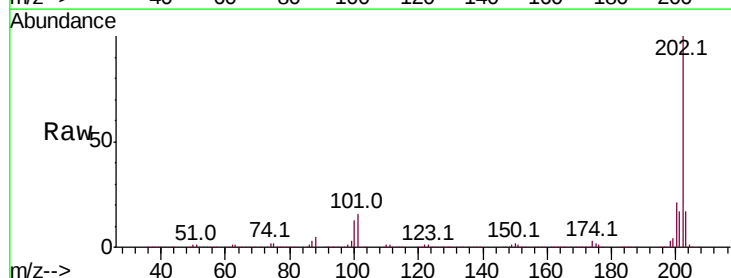
RT: 12.74 min Scan# 1811

Delta R.T. -0.02 min

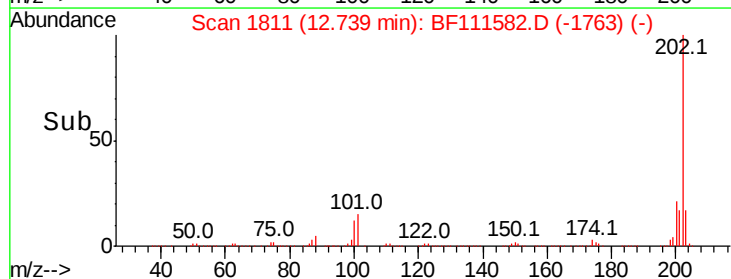
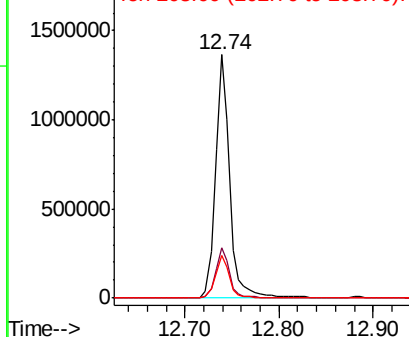
Lab File: BF111582.D

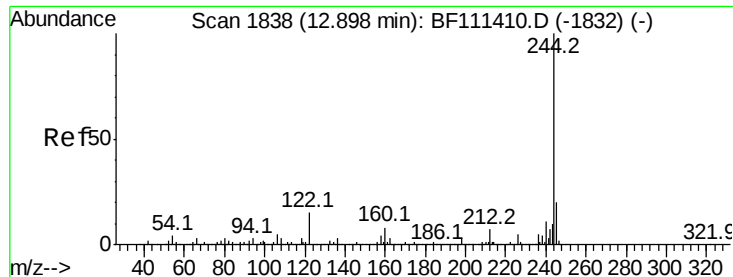
Acq: 18 Dec 2018 18:19

Tgt Ion:	202	Resp:	1454009
Ion Ratio	Lower	Upper	
202	100		
200	20.9	19.0	28.4
203	17.5	15.2	22.8



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





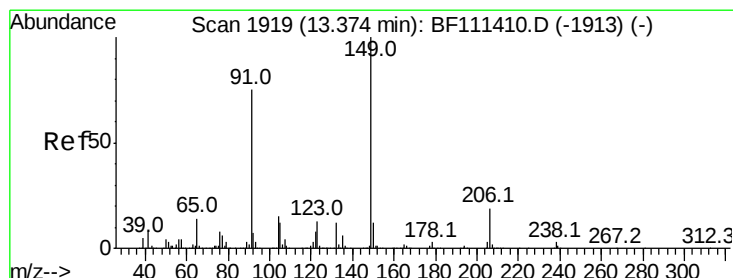
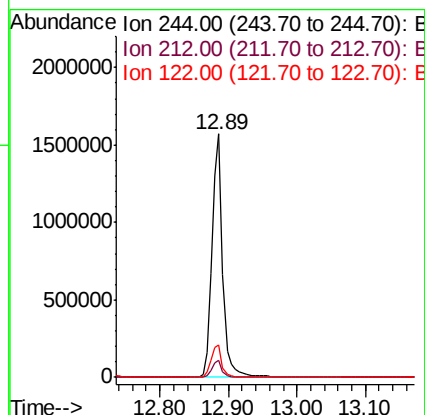
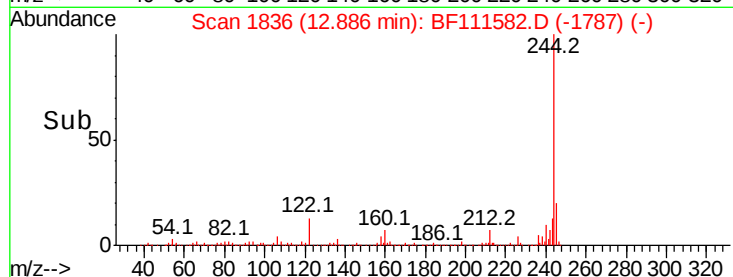
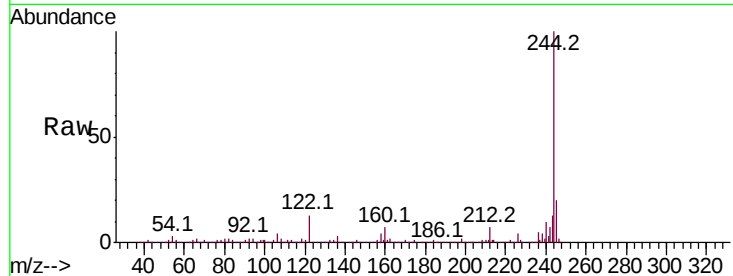
#79
 Terphenyl-d14
 Concen: 84.423 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	244	Resp:	1723957
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	13.3	13.1	19.7

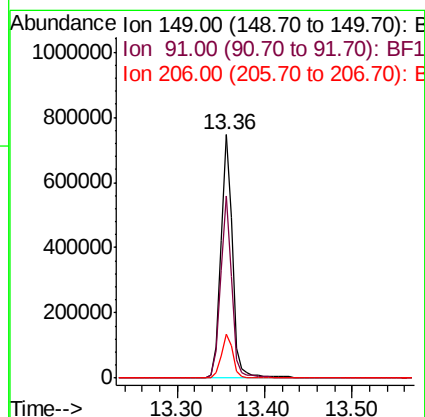
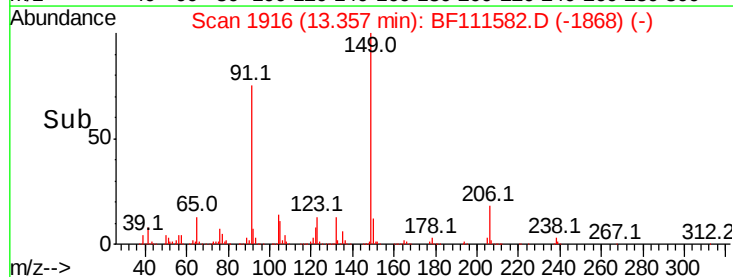
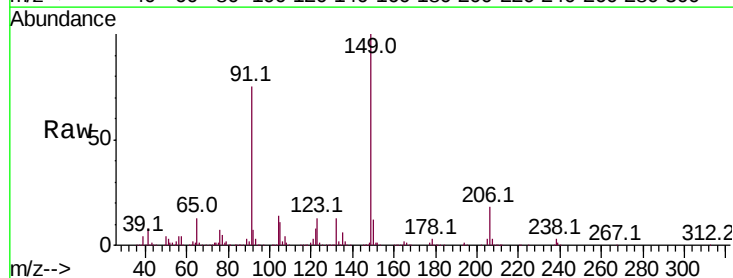
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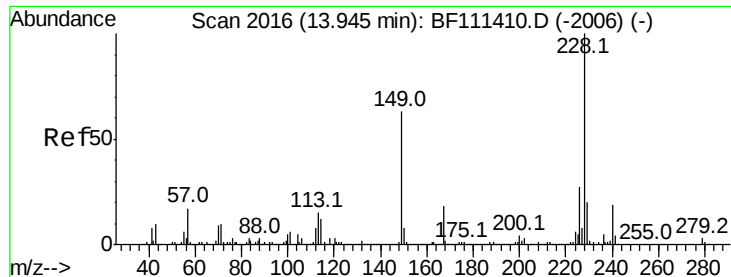
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#80
 Butylbenzylphthalate
 Concen: 41.927 ng
 RT: 13.36 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion:	149	Resp:	690917
Ion Ratio	Lower	Upper	
149	100		
91	74.6	63.8	95.6
206	18.2	15.1	22.7





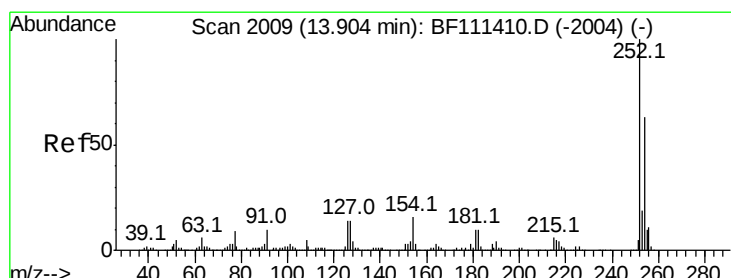
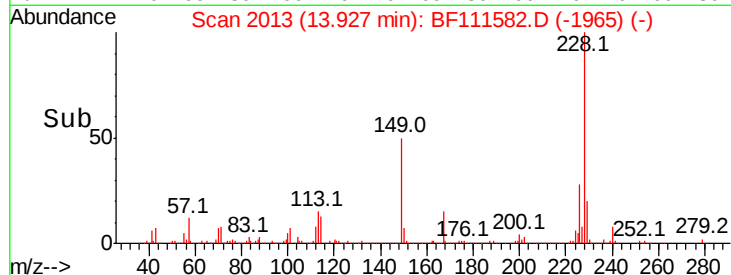
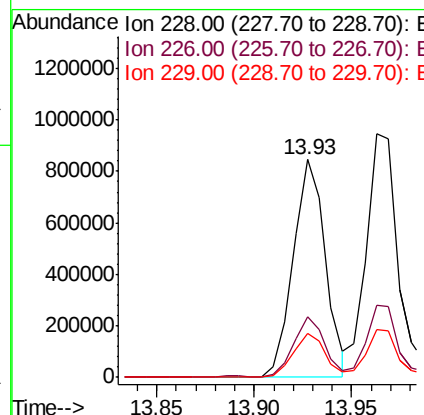
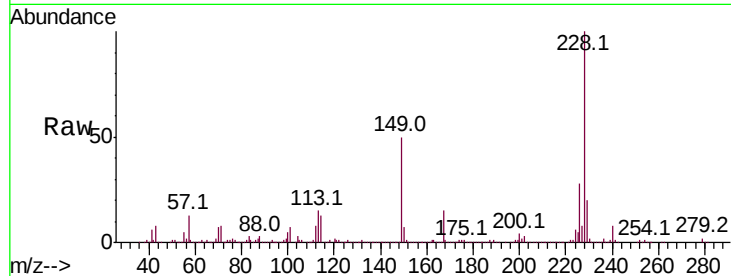
#81
Benzo(a)anthracene
Concen: 37.092 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.0	16.3	24.5

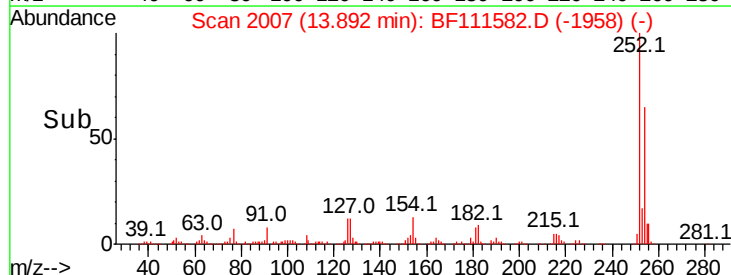
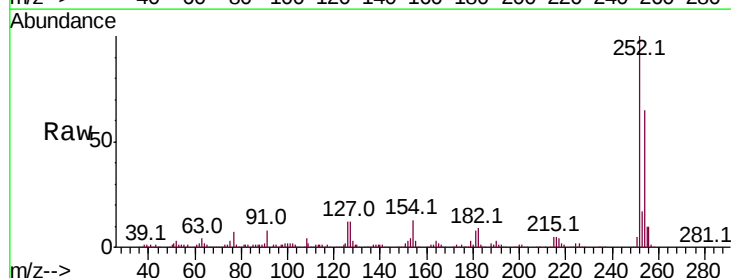
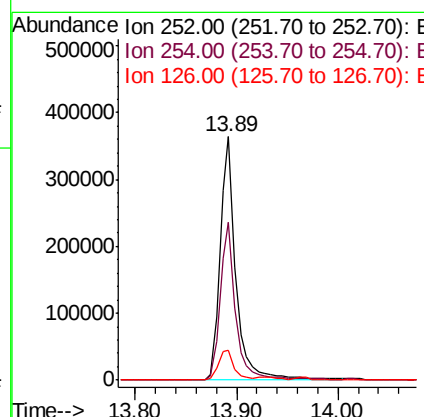
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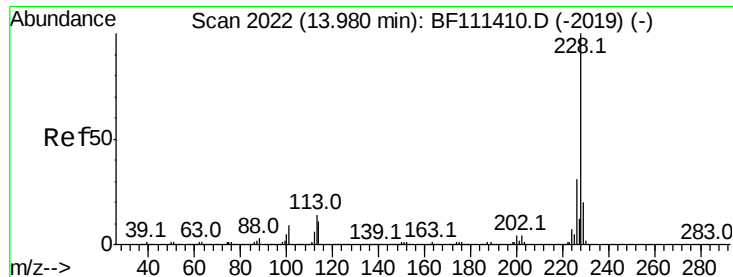
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#82
3,3'-Dichlorobenzidine
Concen: 37.155 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.7	79.1
126	12.1	11.1	16.7





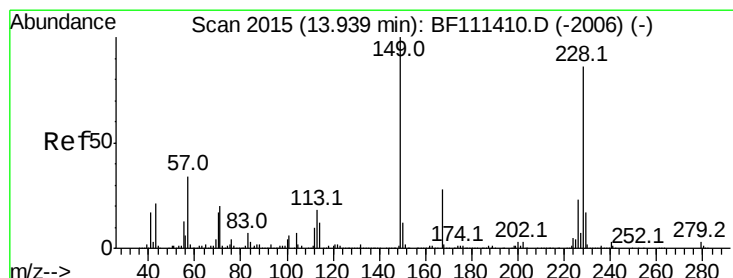
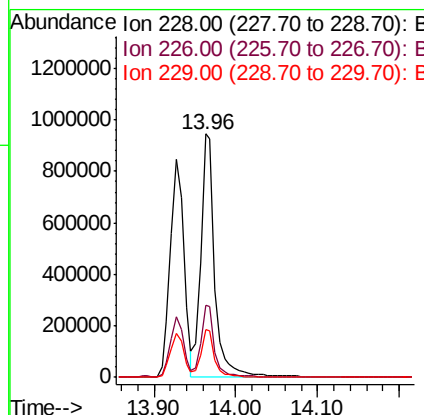
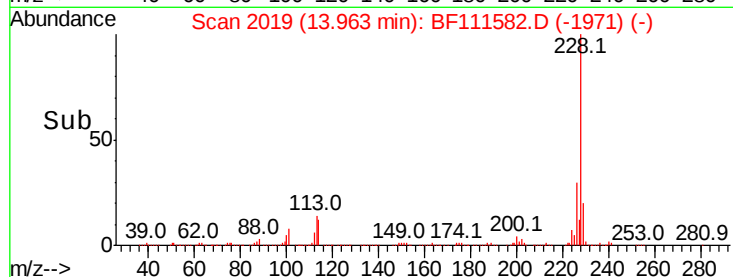
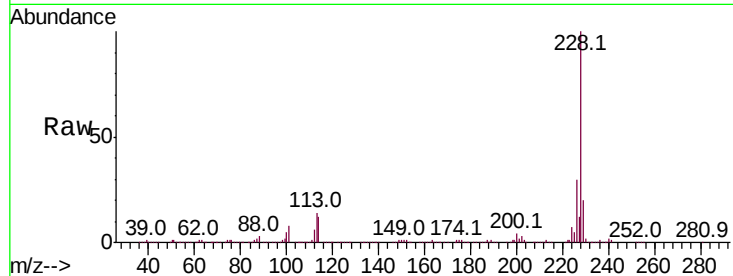
#83
 Chrysene
 Concen: 41.175 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	19.8	17.2	25.8

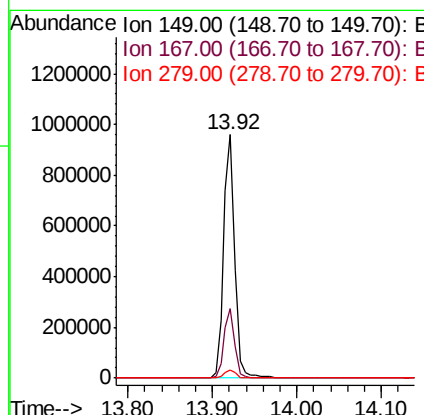
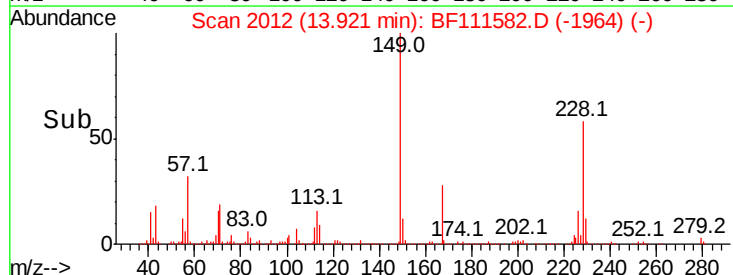
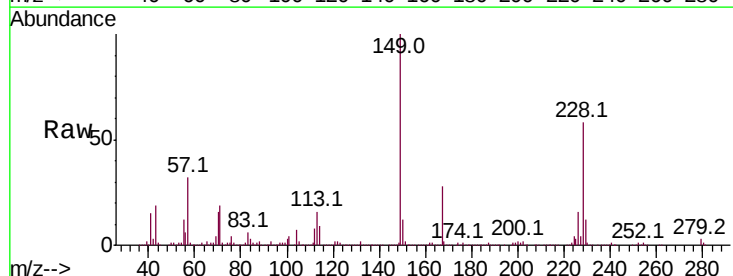
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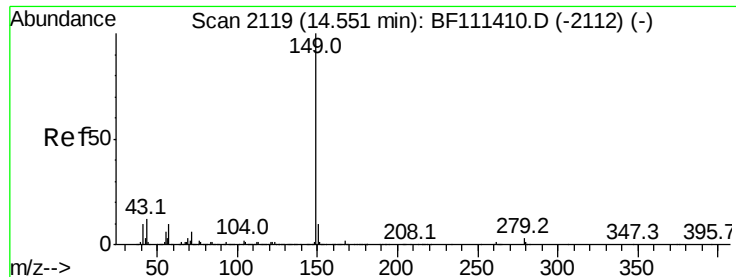
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.459 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF111582.D
 Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	3.5	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 39.672 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1408450

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

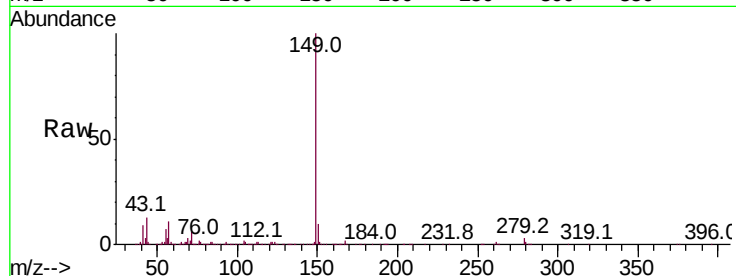
43 12.0 10.9 16.3

Manual Integrations

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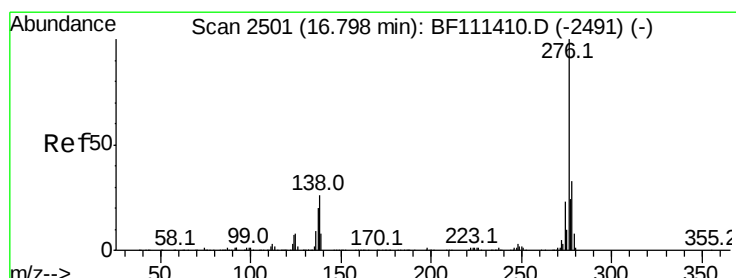
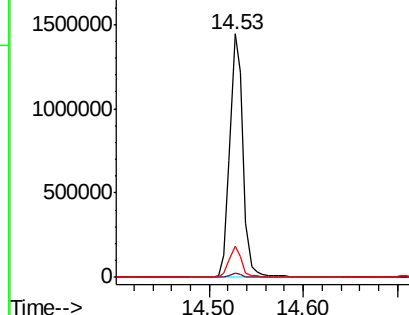
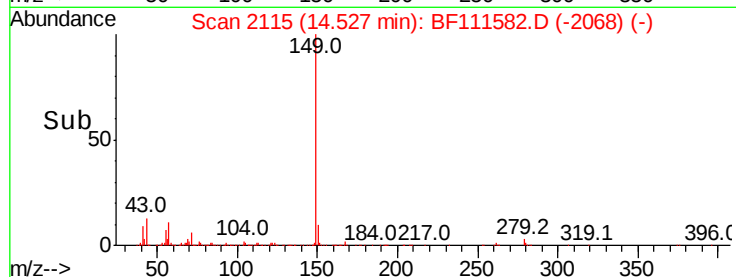
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.804 ng

RT: 16.78 min Scan# 2498

Delta R.T. -0.02 min

Lab File: BF111582.D

Acq: 18 Dec 2018 18:19

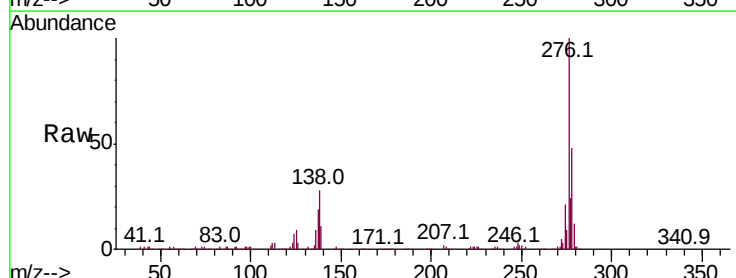
Tgt Ion:276 Resp: 689930

Ion Ratio Lower Upper

276 100

138 31.9 27.8 41.6

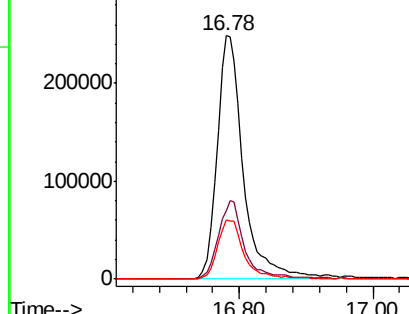
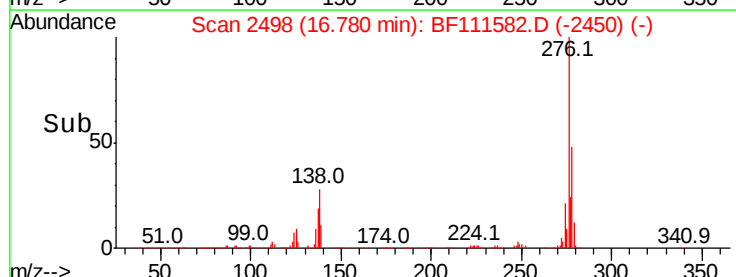
277 24.8 20.1 30.1

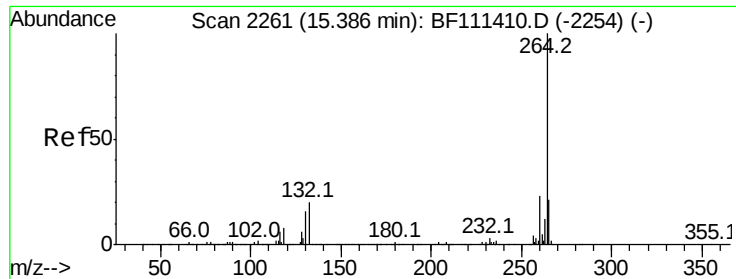


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





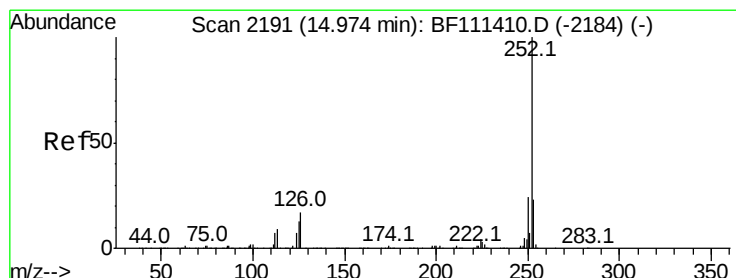
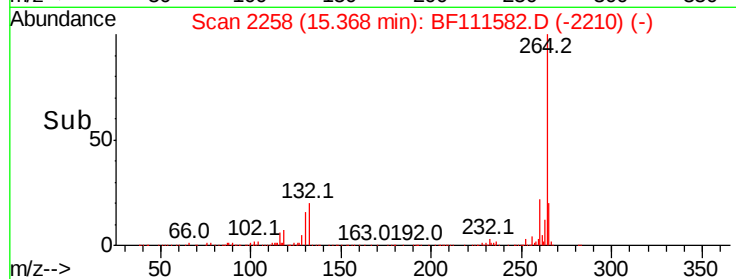
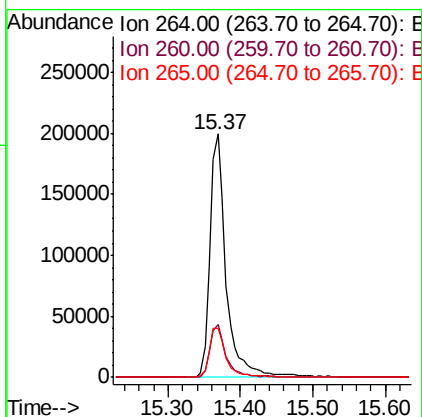
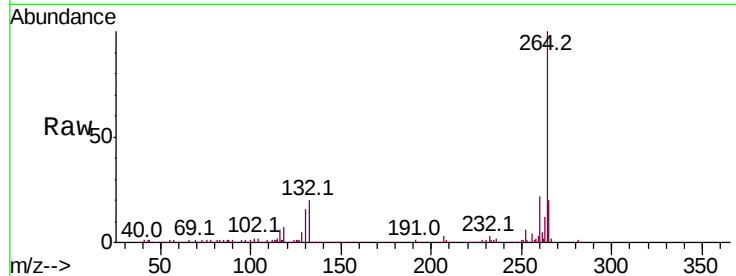
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.3	27.5
265	20.1	17.7	26.5

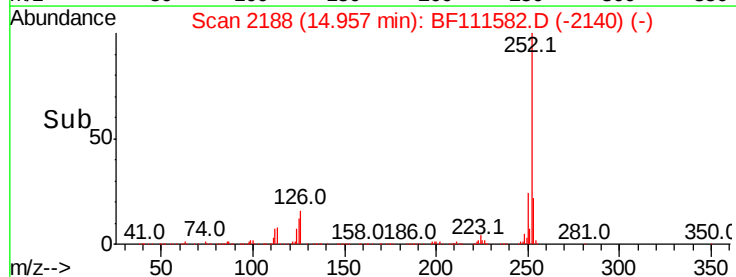
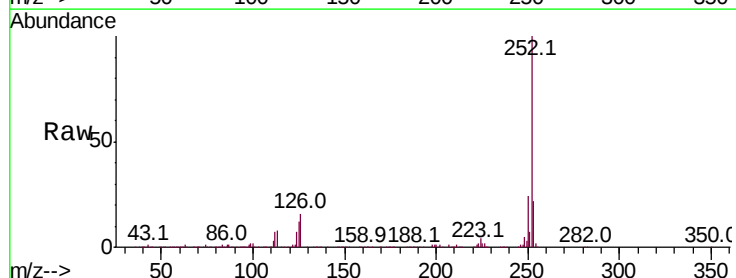
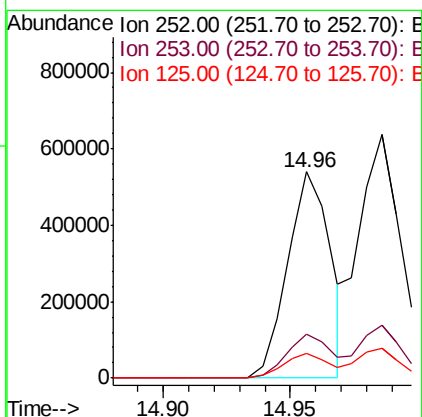
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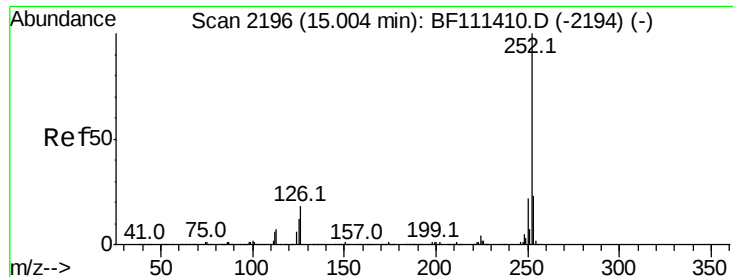
Sohil
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#88
Benzo(b)fluoranthene
Concen: 35.162 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	12.0	10.4	15.6





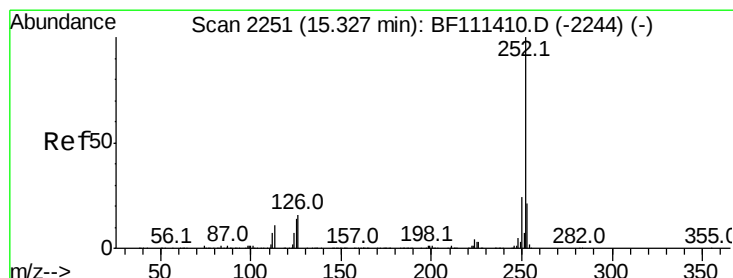
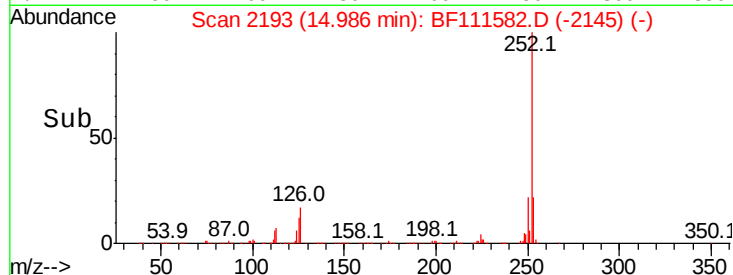
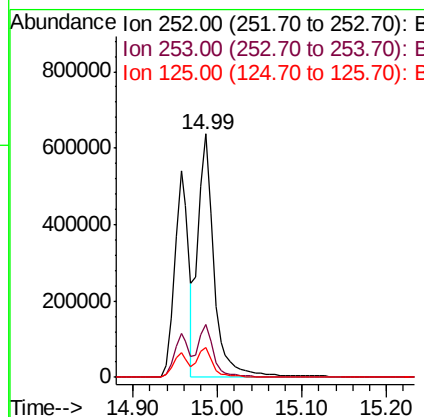
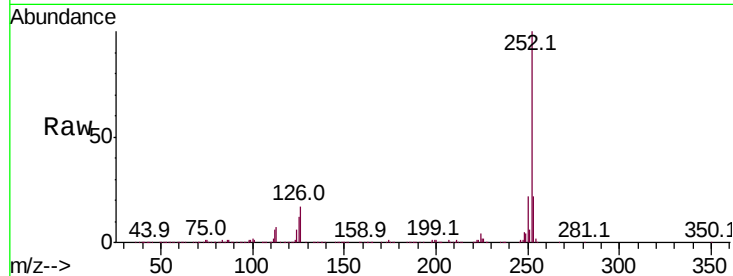
#89
Benzo(k)fluoranthene
Concen: 47.927 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.3	9.8	14.8

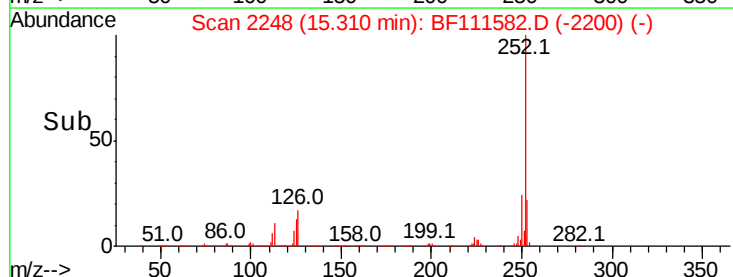
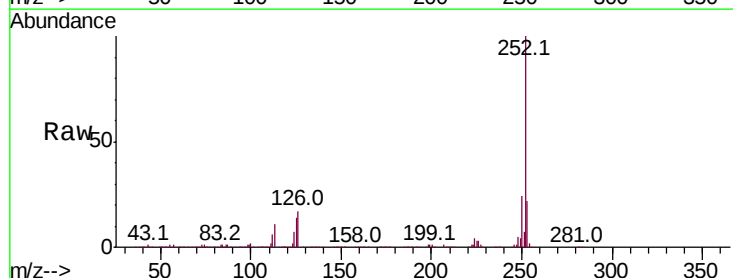
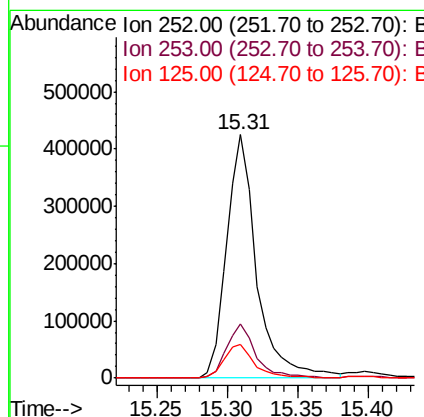
Manual Integrations
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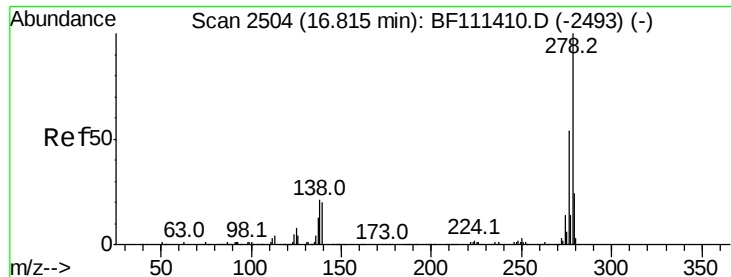
Sohil
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#90
Benzo(a)pyrene
Concen: 38.491 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	13.7	12.3	18.5





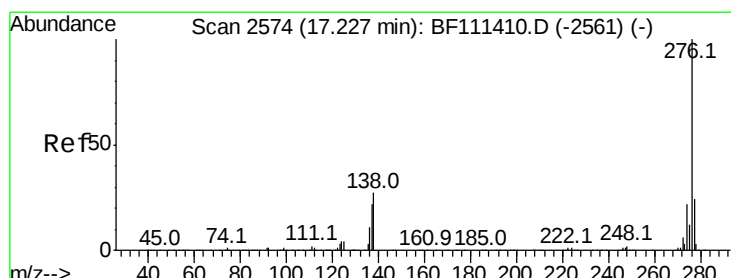
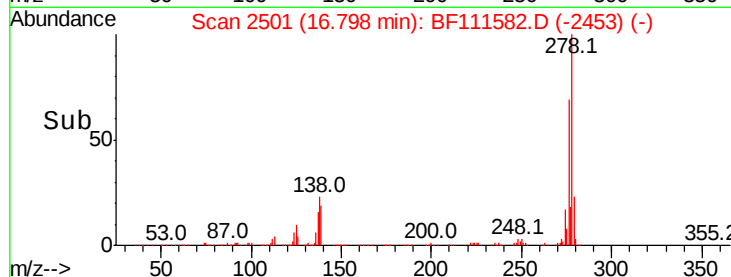
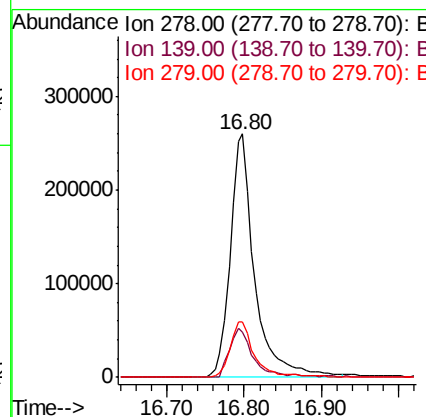
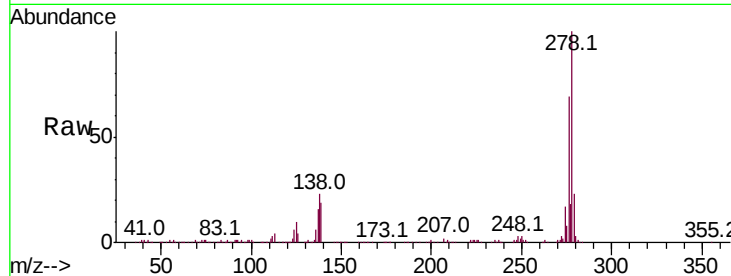
#91
Dibenzo(a,h)anthracene
Concen: 44.593 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	18.2	27.4
279	23.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/19/2018 4:09:30 PM



#92
Benzo(g,h,i)perylene
Concen: 47.311 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.02 min
Lab File: BF111582.D
Acq: 18 Dec 2018 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	27.4	24.9	37.3

