

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112619.D
 Acq On : 19 Feb 2019 14:22
 Operator : JU/SJ
 Sample : K1515-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Manual Integrations
 APPROVED

Sohil
 2/20/2019 11:12:43 AM

Quant Time: Feb 19 16:38:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96874	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	387958	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	192364	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	376356	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	286320	20.00	ng	0.00
87) Perylene-d12	15.47	264	270623	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	728135	159.65	ng	-0.02
7) Phenol-d6	6.48	99	896984	141.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	591119	87.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	300981	134.42	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1125121	82.72	ng	-0.02
79) Terphenyl-d14	12.93	244	1234062	81.18	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	82786	45.566	ng	94
3) Pyridine	3.35	79	218358	47.248	ng	97
4) n-Nitrosodimethylamine	3.30	42	118017	60.781	ng	# 87
6) Aniline	6.49	93	354984	47.087	ng	# 50
8) 2-Chlorophenol	6.62	128	296863	48.385	ng	98
9) Benzaldehyde	6.37	77	123302	37.224	ng	99
10) Phenol	6.49	94	367266	52.822	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	254004	46.403	ng	98
12) 1,3-Dichlorobenzene	6.76	146	320522	44.858	ng	98
13) 1,4-Dichlorobenzene	6.84	146	323963	44.054	ng	98
14) 1,2-Dichlorobenzene	6.99	146	310376	45.080	ng	96
15) Benzyl Alcohol	6.97	79	248511	46.518	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	317325	45.150	ng	# 15
17) 2-Methylphenol	7.09	107	230012	47.292	ng	# 86
18) Hexachloroethane	7.33	117	123110	47.674	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	206078	47.158	ng	100
20) 3+4-Methylphenols	7.25	107	302924	48.706	ng	# 63
22) Acetophenone	7.23	105	416684	44.108	ng	93
24) Nitrobenzene	7.41	77	303025	45.064	ng	98
25) Isophorone	7.65	82	550745	52.140	ng	97
26) 2-Nitrophenol	7.73	139	163135	45.396	ng	# 91
27) 2,4-Dimethylphenol	7.77	122	260025	52.518	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	339476	47.200	ng	100
29) 2,4-Dichlorophenol	7.98	162	255919	46.189	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	283073	44.447	ng	99
31) Naphthalene	8.13	128	873309	48.136	ng	99
32) Benzoic acid	7.92	122	107427	38.038	ng	95
33) 4-Chloroaniline	8.18	127	293188	37.114	ng	97
34) Hexachlorobutadiene	8.24	225	164783	44.091	ng	100
35) Caprolactam	8.56	113	80754m	41.315	ng	
36) 4-Chloro-3-methylphenol	8.68	107	268658	45.803	ng	95
37) 2-Methylnaphthalene	8.82	142	621307	50.024	ng	96
38) 1-Methylnaphthalene	8.92	142	584548	49.103	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	283167	44.833	ng	98

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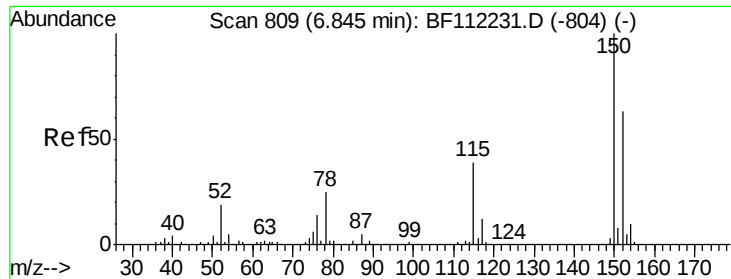
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	151519	65.283	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	176025	45.213	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	181020	44.488	nq	96
46) 1,1'-Biphenyl	9.28	154	759661	45.172	nq	99
47) 2-Chloronaphthalene	9.31	162	583875	44.772	nq	95
48) 2-Nitroaniline	9.42	65	165002	46.421	nq	90
49) Acenaphthylene	9.73	152	925318	48.409	nq	98
50) Dimethylphthalate	9.58	163	776926	51.983	nq	99
51) 2,6-Dinitrotoluene	9.66	165	157081	46.928	nq	# 88
52) Acenaphthene	9.90	154	535511	46.899	nq	99
53) 3-Nitroaniline	9.83	138	126516	34.888	nq	88
54) 2,4-Dinitrophenol	9.96	184	104610	97.382	nq	95
55) Dibenzofuran	10.07	168	810883	46.471	nq	93
56) 4-Nitrophenol	10.02	139	112646	58.755	nq	93
57) 2,4-Dinitrotoluene	10.07	165	204447	47.977	nq	# 57
58) Fluorene	10.42	166	666977	51.079	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	149764	48.705	nq	93
60) Diethylphthalate	10.28	149	751645	50.678	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	329763	46.426	nq	90
62) 4-Nitroaniline	10.45	138	146028	41.055	nq	91
63) Azobenzene	10.56	77	641321	49.165	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	86216	40.859	nq	96
66) n-Nitrosodiphenylamine	10.52	169	588011	46.358	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	199663	45.106	nq	93
68) Hexachlorobenzene	10.97	284	219927	46.309	nq	93
69) Atrazine	11.05	200	175443	42.866	nq	96
70) Pentachlorophenol	11.17	266	126441	68.424	nq	97
71) Phenanthrene	11.38	178	952678	48.690	nq	98
72) Anthracene	11.43	178	993574	50.978	nq	99
73) Carbazole	11.59	167	811616	42.215	nq	99
74) Di-n-butylphthalate	11.90	149	1221468	51.185	nq	98
75) Fluoranthene	12.57	202	966493	46.054	nq	99
77) Benzidine	12.69	184	589541	74.810	nq	95
78) Pyrene	12.80	202	968335	48.849	nq	98
80) Butylbenzylphthalate	13.40	149	479808	50.028	nq	94
81) Benzo(a)anthracene	13.99	228	840364	49.928	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	248866	39.508	nq	99
83) Chrysene	14.03	228	779072	48.491	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	729424	53.579	nq	# 97
85) Di-n-octyl phthalate	14.56	149	1162206	55.487	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	824654	64.777	nq	96
88) Benzo(b)fluoranthene	15.04	252	782314	48.337	nq	98
89) Benzo(k)fluoranthene	15.07	252	754723	48.684	nq	98
90) Benzo(a)pyrene	15.42	252	737543	50.646	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	691788	58.942	nq	99
92) Benzo(g,h,i)perylene	17.43	276	671637	60.655	nq	94

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



#1

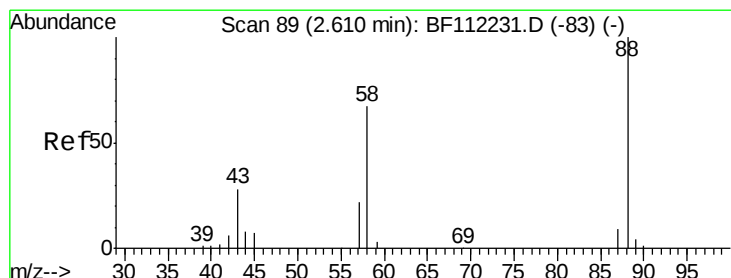
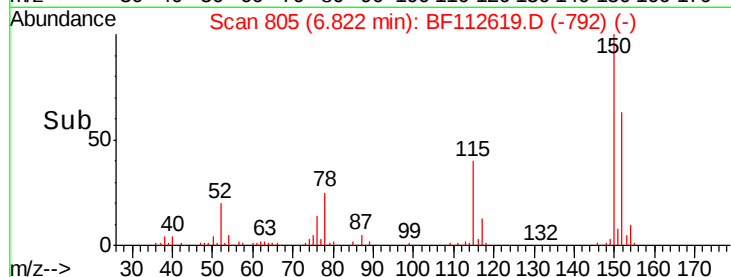
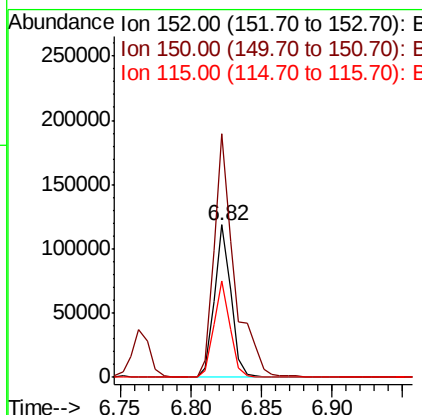
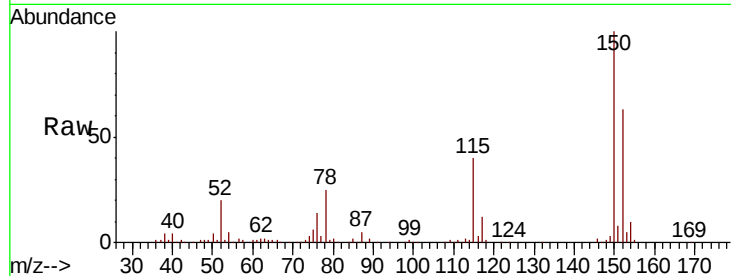
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.4	191.0
115	63.3	45.5	68.3

Manual Integrations
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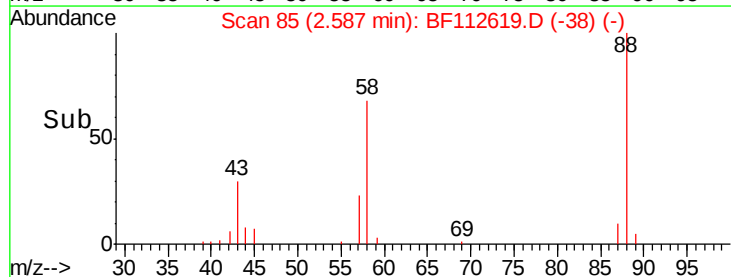
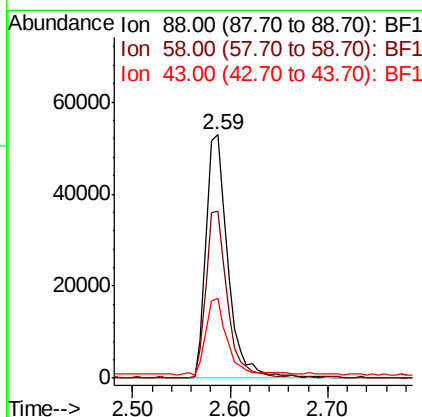
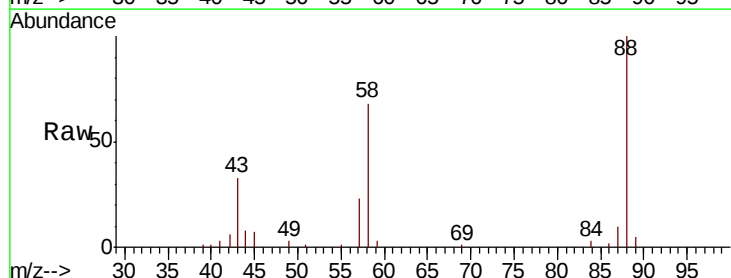
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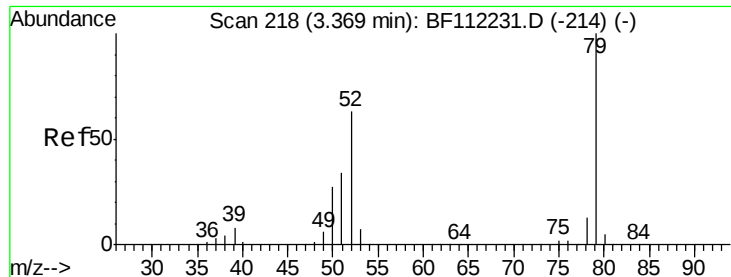


#2

1,4-Dioxane
Concen: 45.566 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.5	57.4	86.2
43	29.8	22.2	33.4





#3

Pvridine

Concen: 47.248 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

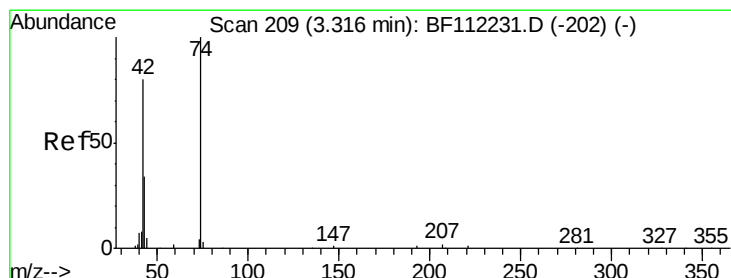
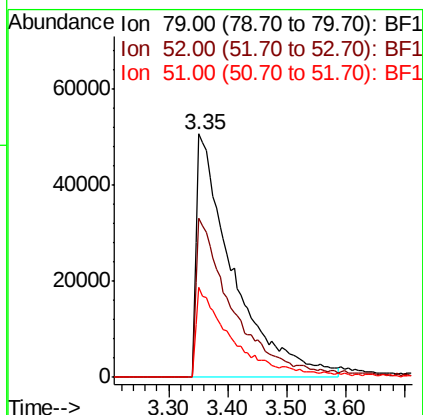
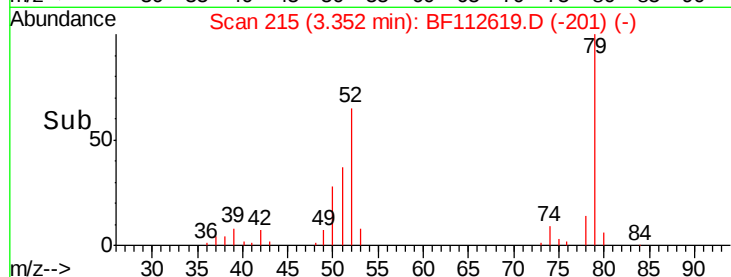
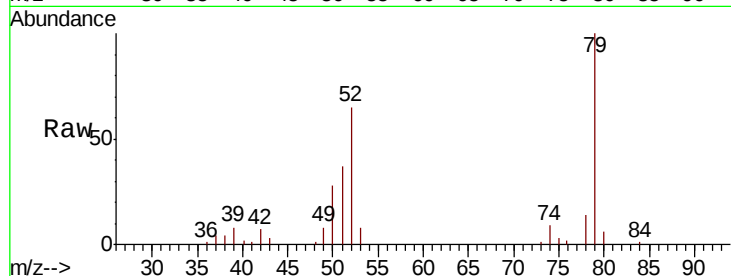
ClientSampled :

TS-1MS

Tot Ion:	79	Resp:	218358
Ion Ratio	Lower	Upper	
79	100		
52	65.4	52.4	78.6
51	36.8	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 60.781 ng

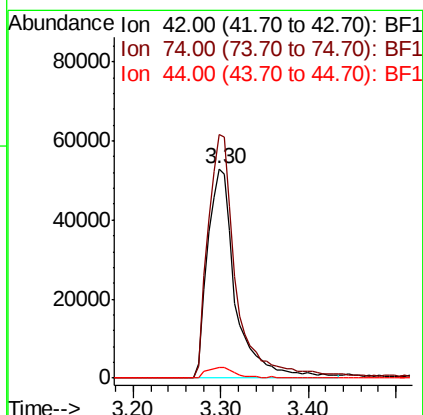
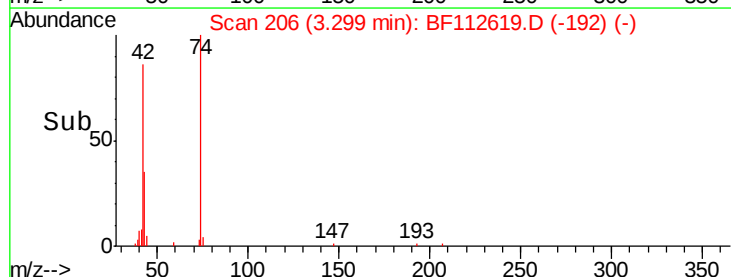
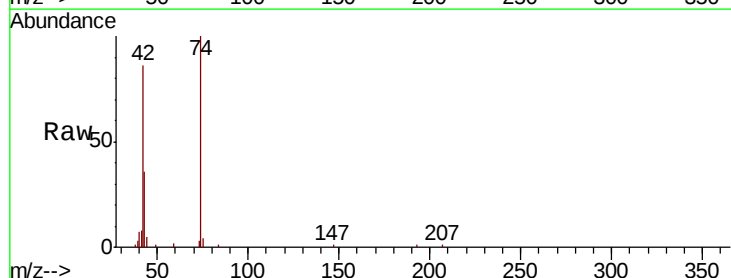
RT: 3.30 min Scan# 206

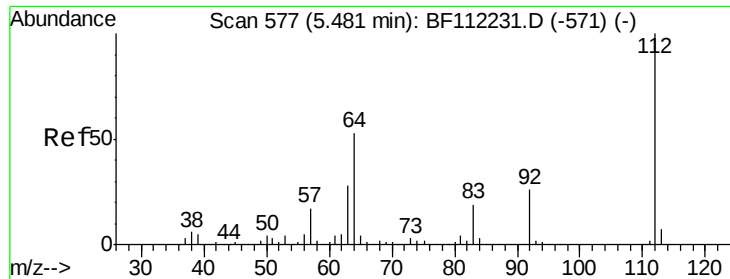
Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	42	Resp:	118017
Ion Ratio	Lower	Upper	
42	100		
74	116.4	105.6	158.4
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 159.651 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

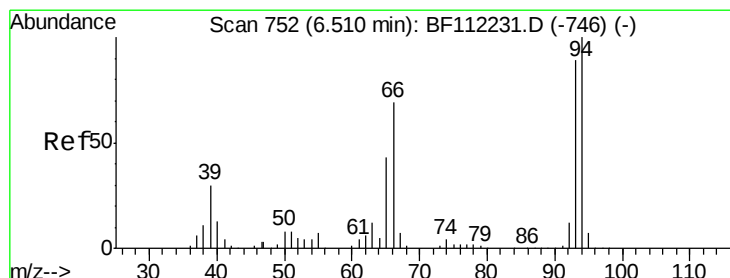
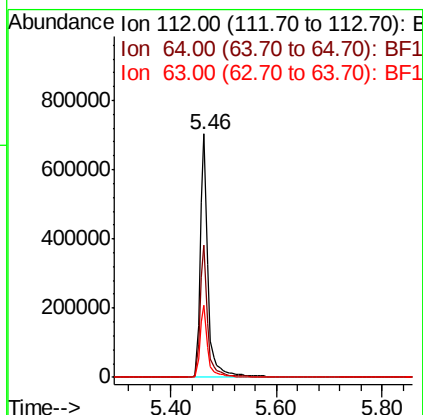
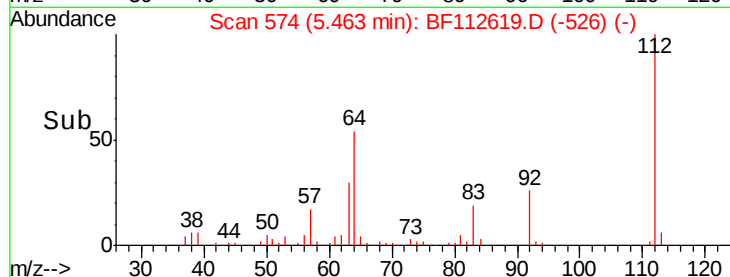
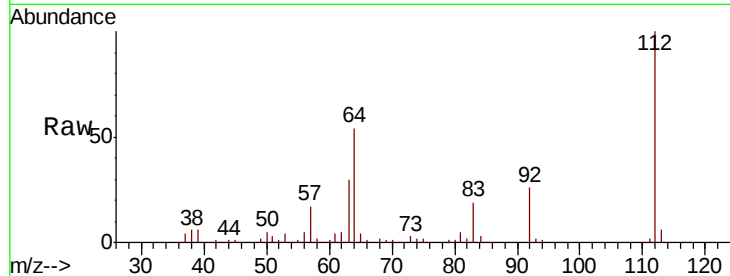
ClientSampled :

TS-1MS

Tot Ion:	112	Resp:	728135
Ion Ratio	Lower	Upper	
112	100		
64	54.2	45.7	68.5
63	29.5	23.6	35.4

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#6

Aniline

Concen: 47.087 ng

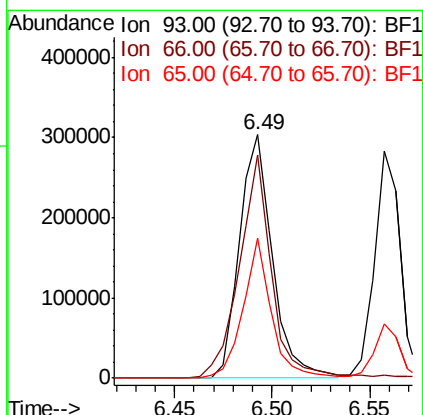
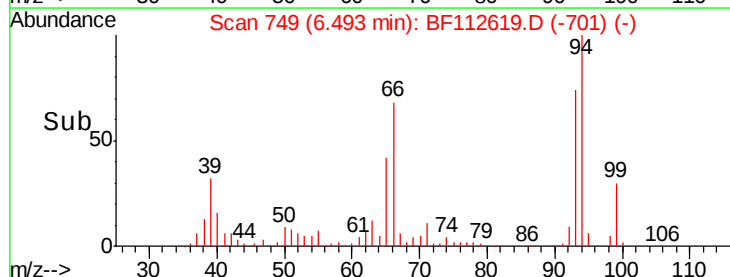
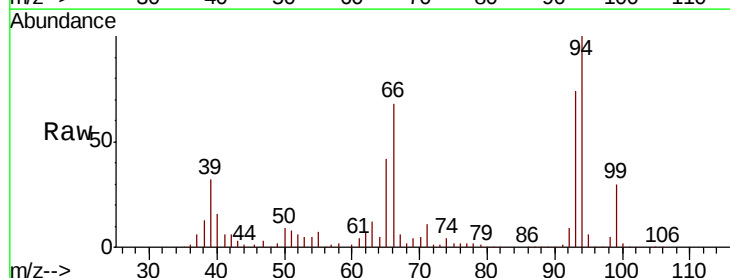
RT: 6.49 min Scan# 749

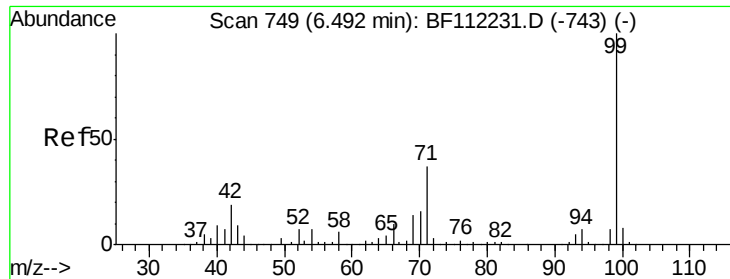
Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	93	Resp:	354984
Ion Ratio	Lower	Upper	
93	100		
66	91.8	43.4	65.2#
65	57.4	25.3	37.9#





#7

Phenol-d6

Concen: 141.537 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

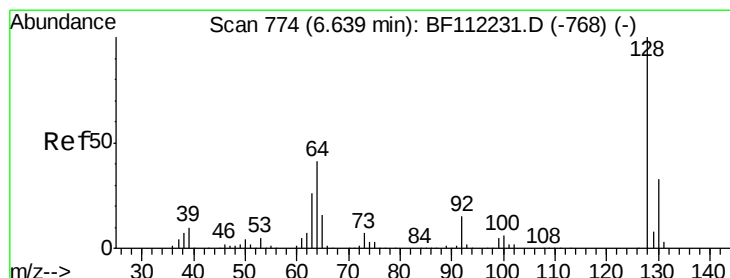
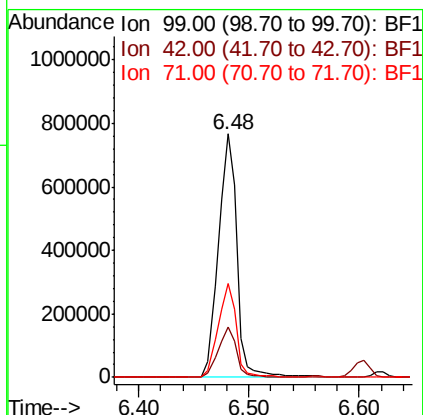
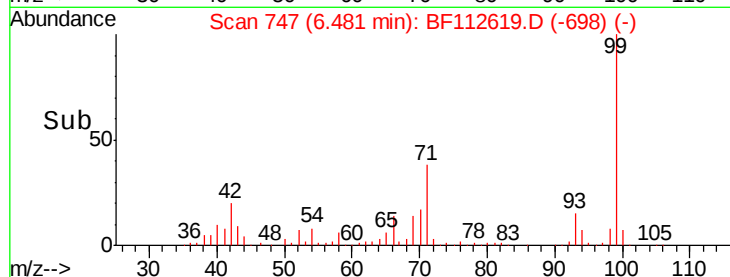
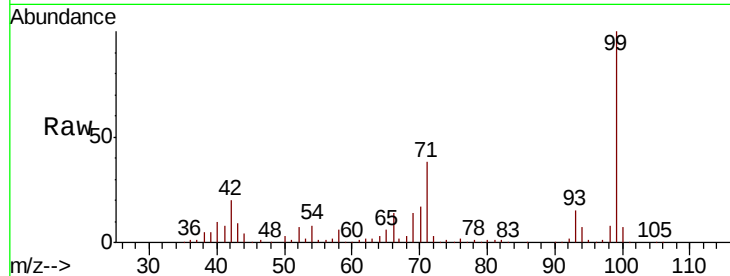
ClientSampled :

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Tot Ion:	99	Resp:	896984
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.1	22.7
71	38.5	26.9	40.3

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#8

2-Chlorophenol

Concen: 48.385 ng

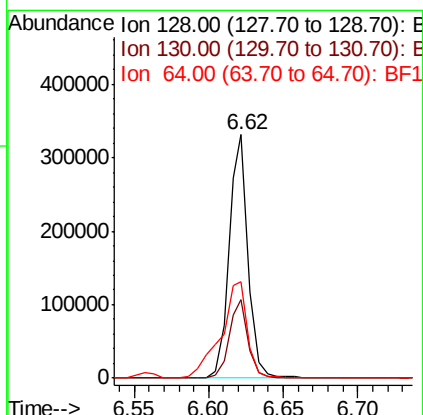
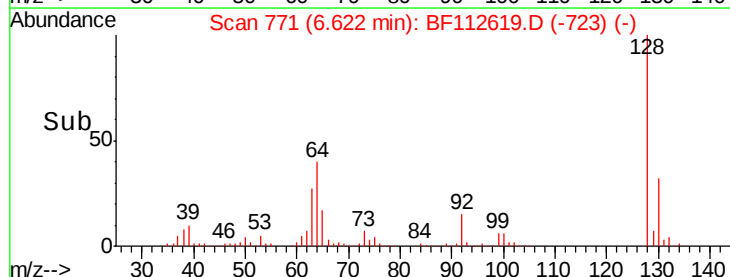
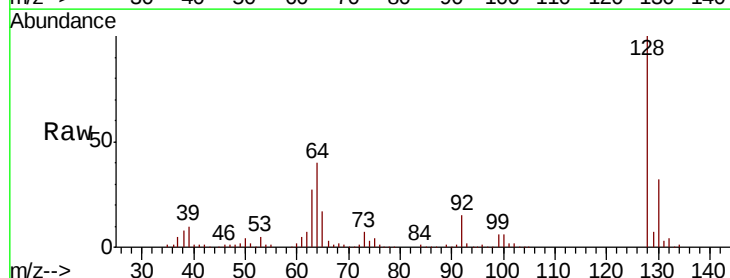
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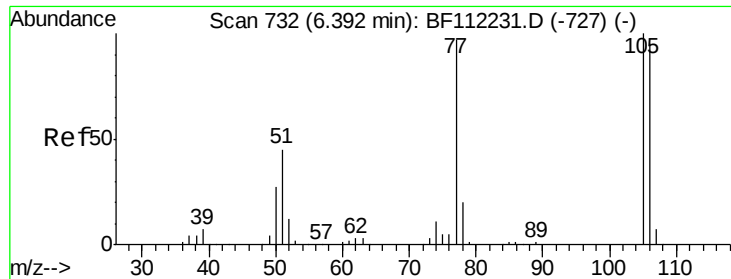
Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	128	Resp:	296863
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.4	53.4
64	39.6	20.5	60.5





#9

Benzaldehyde

Concen: 37.224 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

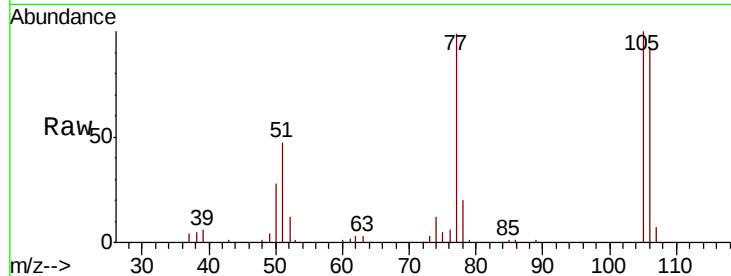
ClientSampled :

TS-1MS

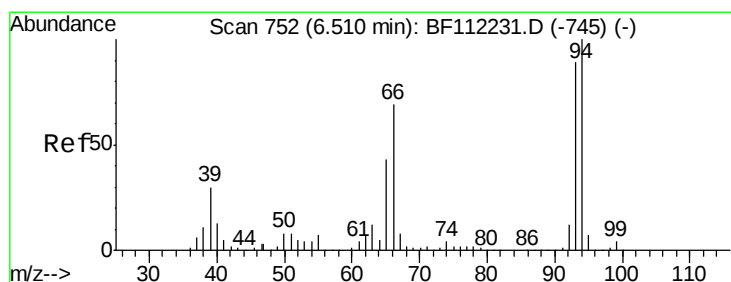
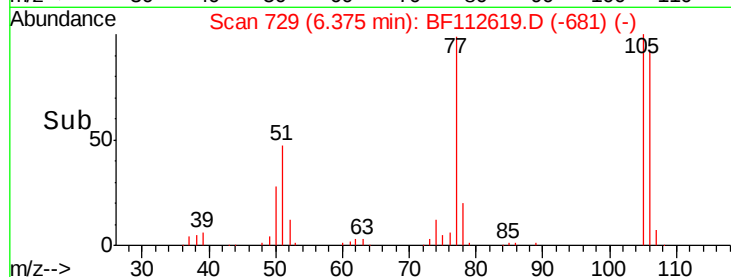
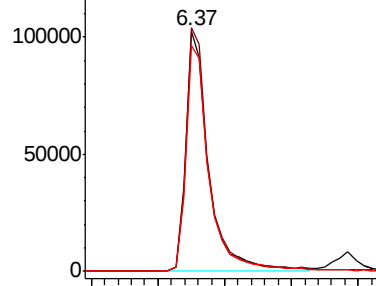
Tot Ion:	77	Resp:	123302
Ion Ratio	Lower	Upper	
77	100		
105	101.3	80.8	120.8
106	93.7	75.7	115.7

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.822 ng

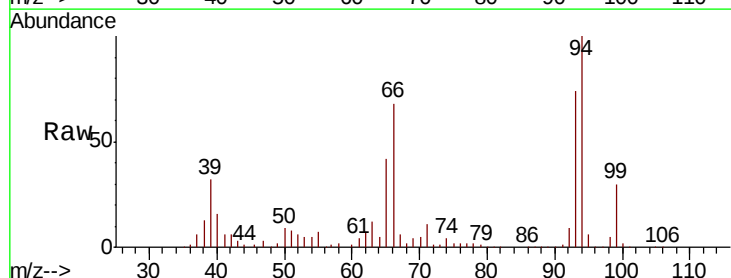
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Delta R.T. -0.02 min

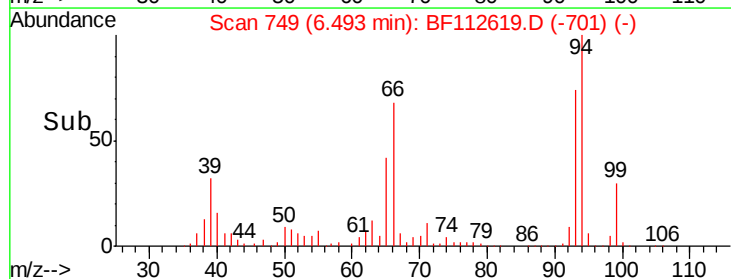
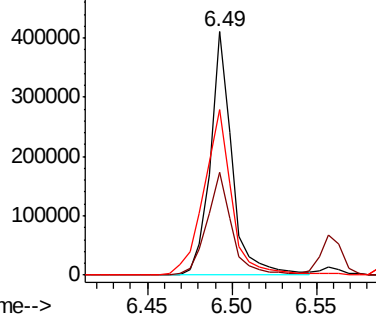
Lab File: BF112619.D

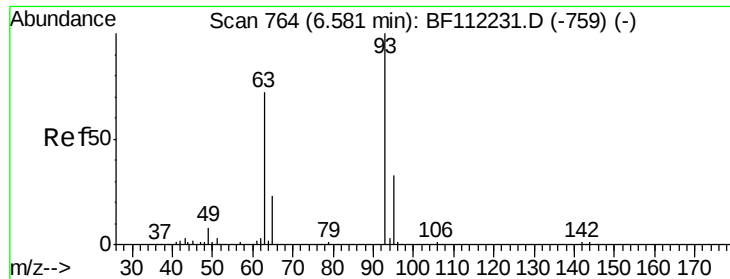
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Tgt Ion:	94	Resp:	367266
Ion Ratio	Lower	Upper	
94	100		
65	42.5	20.3	60.3
66	67.9	42.4	82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





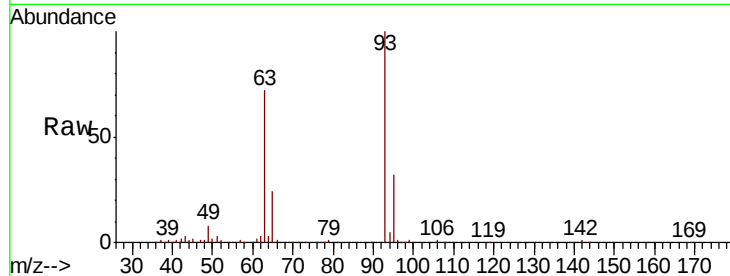
#11
bis(2-Chloroethyl)ether
Concen: 46.403 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

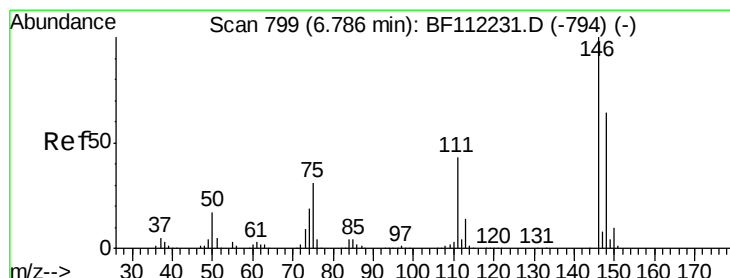
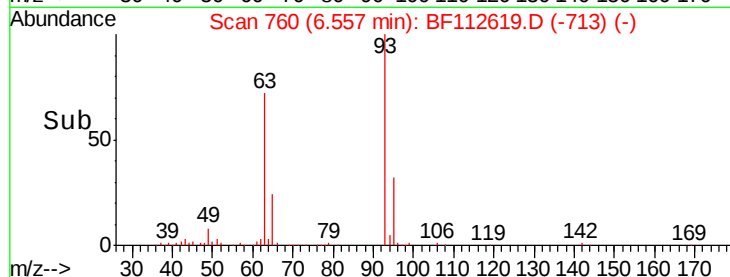
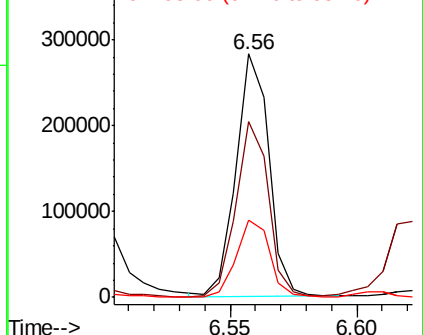
Tot Ion:	93	Resp:	254004
Ion Ratio	Lower	Upper	
93	100		
63	72.2	53.3	93.3
95	31.8	13.4	53.4

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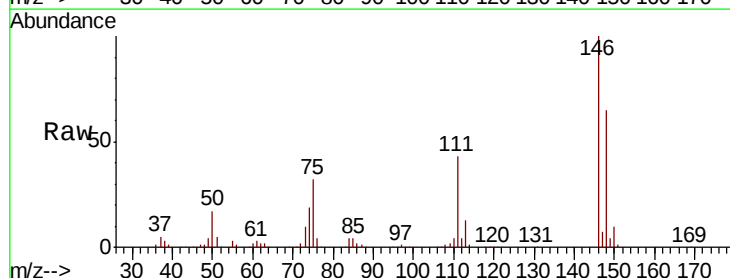


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

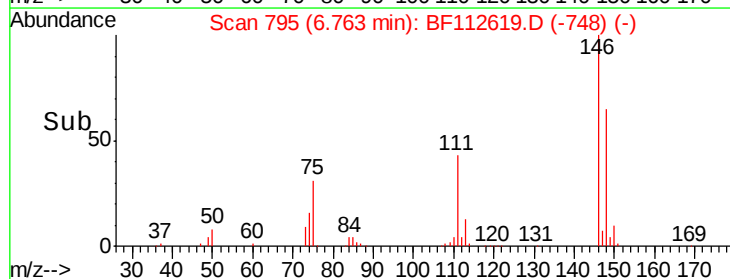
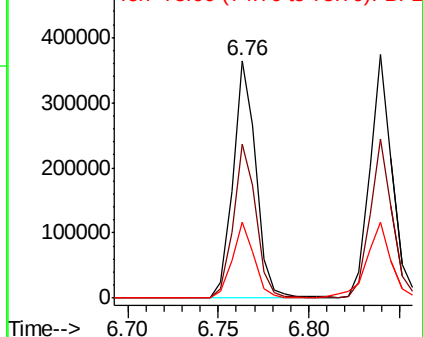


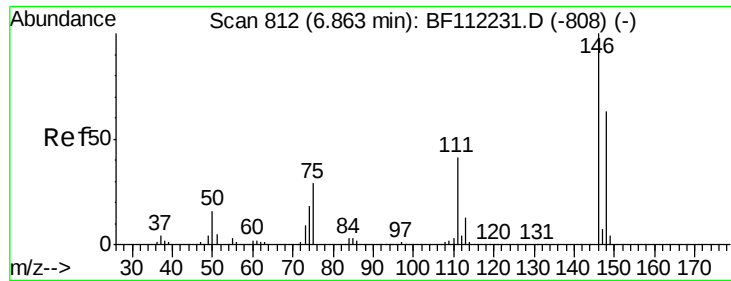
#12
1,3-Dichlorobenzene
Concen: 44.858 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:	146	Resp:	320522
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.8
75	31.8	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





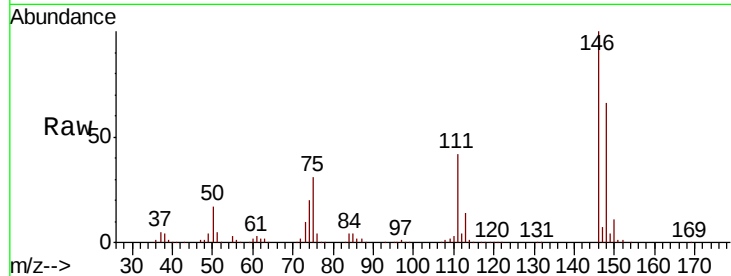
#13
1,4-Dichlorobenzene
Concen: 44.054 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.0	78.0
111	41.6	31.2	46.8

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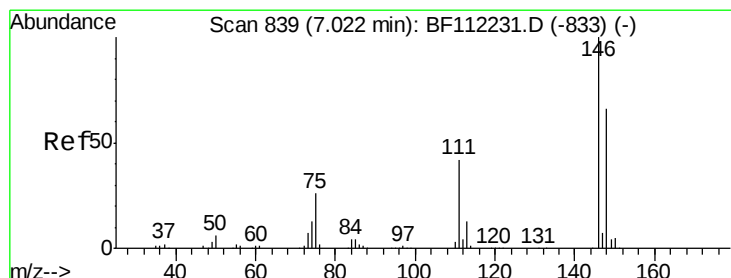
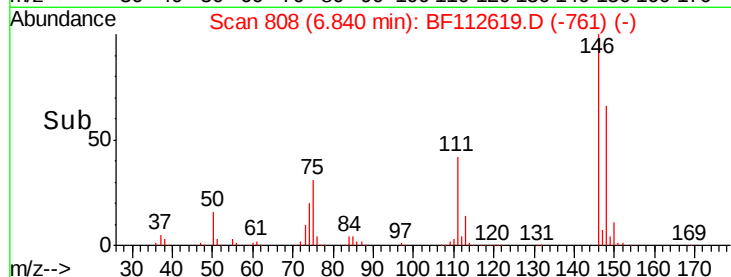
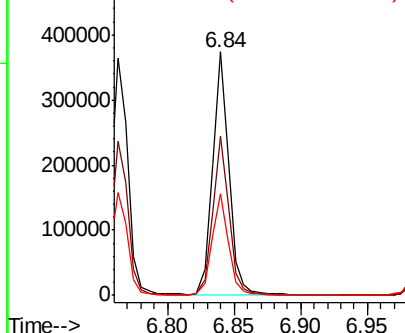


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 45.080 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

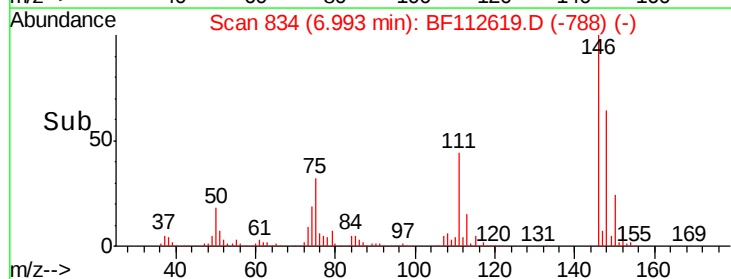
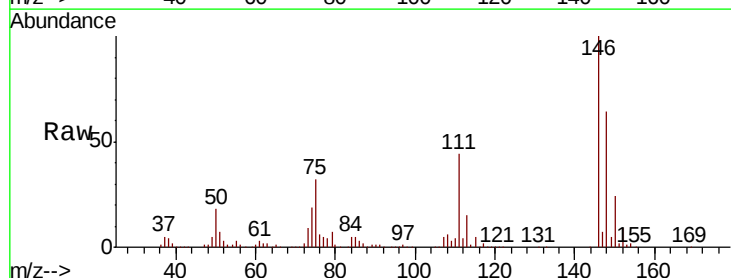
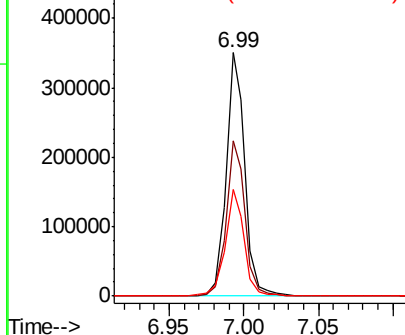
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.4
111	43.9	31.2	46.8

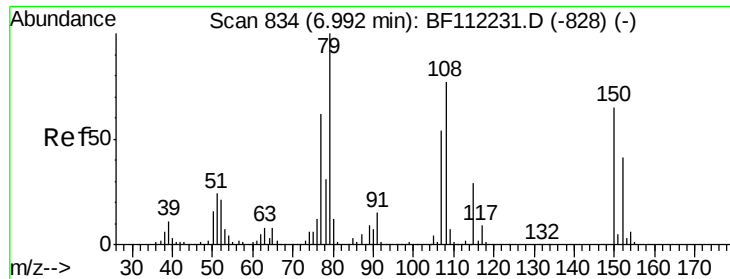
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





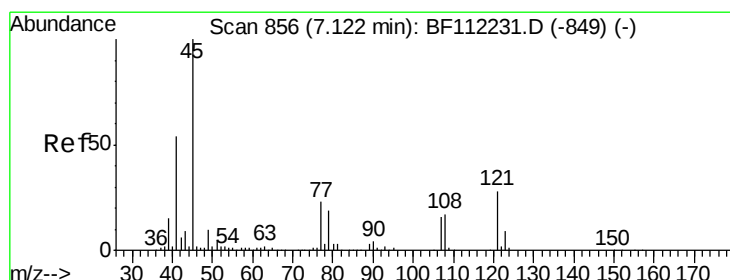
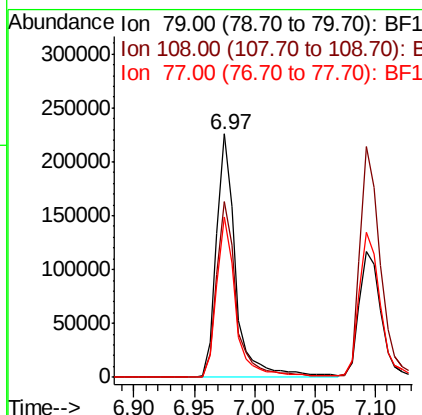
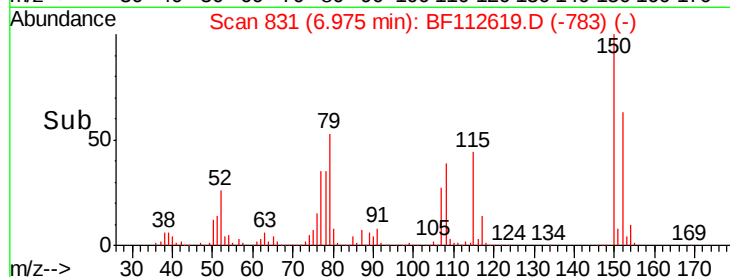
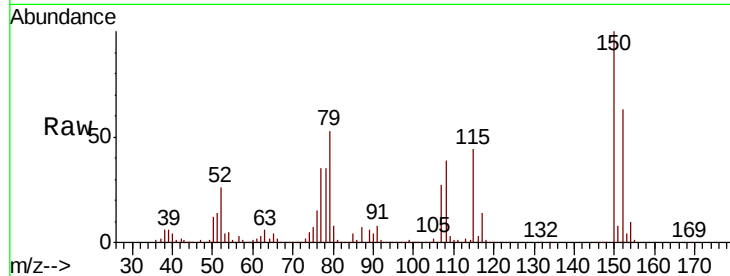
#15
Benzyl Alcohol
Concen: 46.518 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.4	64.2	96.2
77	65.7	50.3	75.5

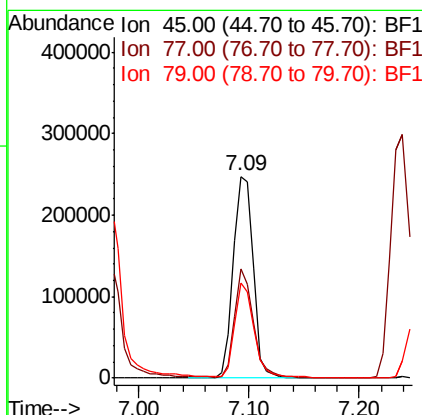
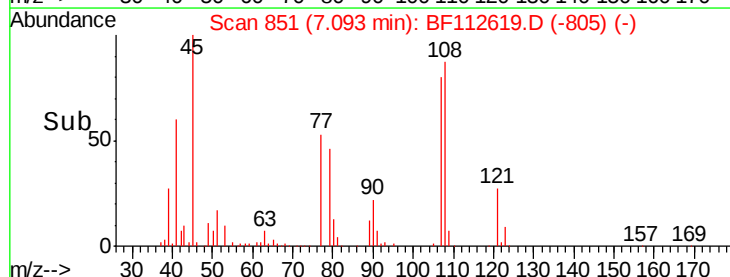
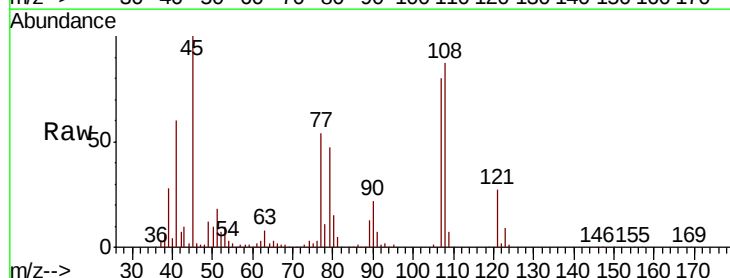
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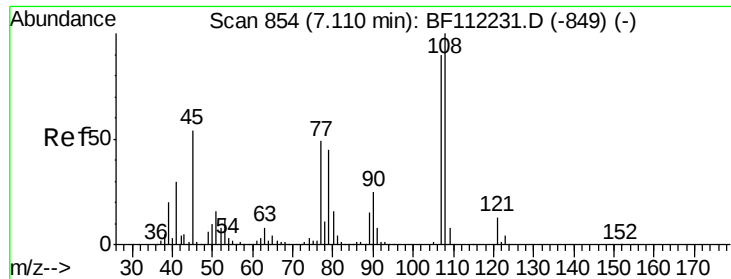
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.150 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	54.5	0.0	36.9#
79	47.3	0.0	34.0#





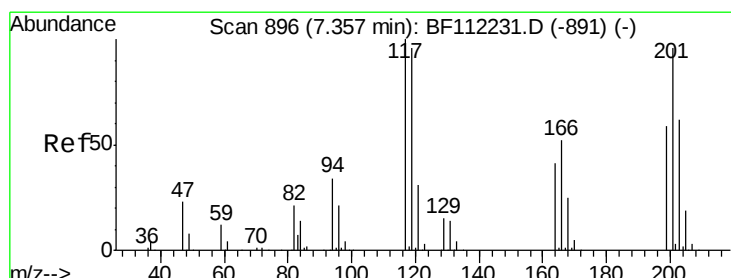
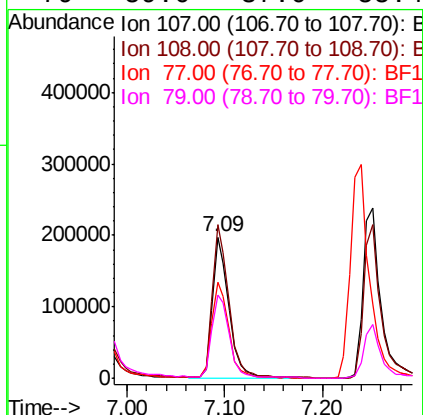
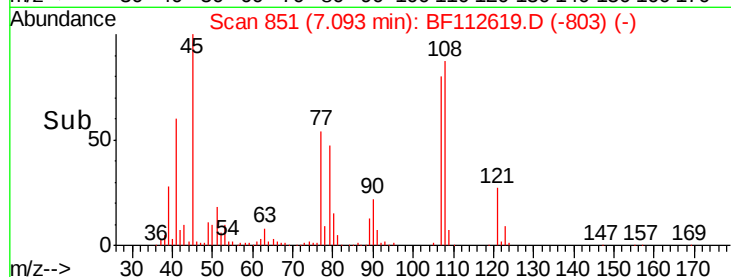
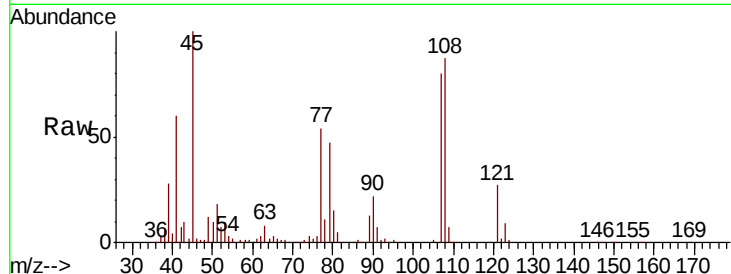
#17
2-Methylphenol
Concen: 47.292 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	91.3	136.9	
77	68.0	39.0	58.6	
79	59.0	37.0	55.4	

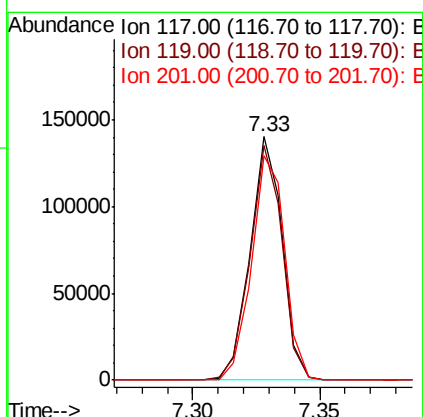
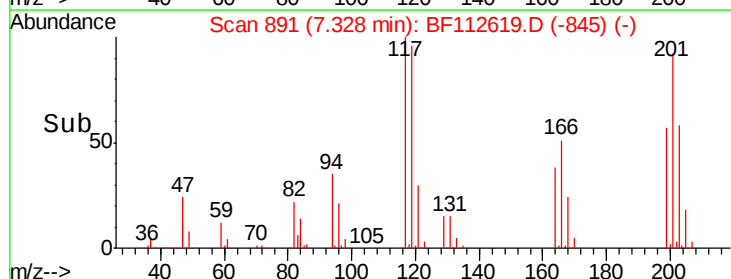
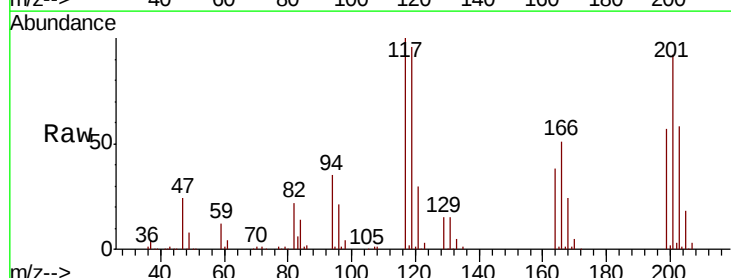
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#18
Hexachloroethane
Concen: 47.674 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.0	115.4	
201	92.1	74.1	111.1	





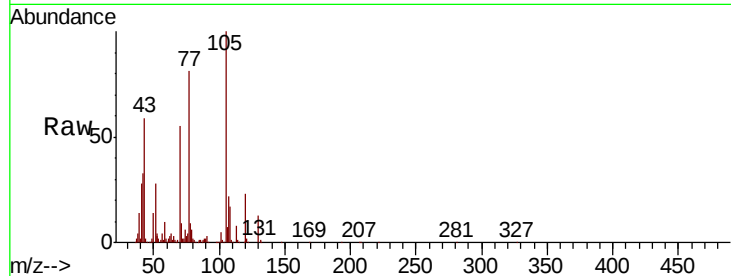
#19
n-Nitroso-di-n-propylamine
Concen: 47.158 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		206078		
42	59.6	47.6		71.4	
101	10.0	7.9		11.9	
130	23.4	18.4		27.6	

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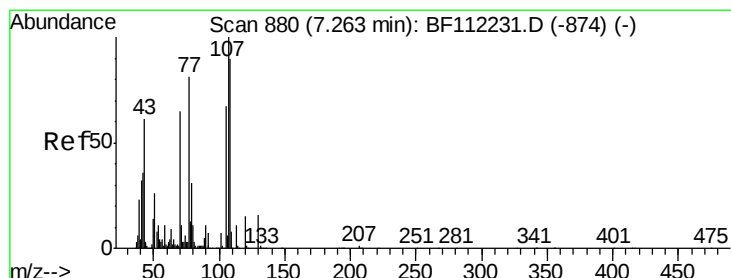
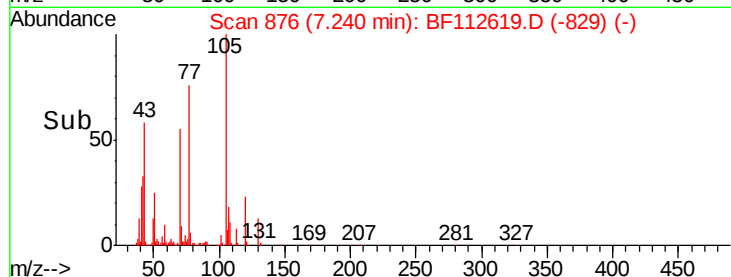
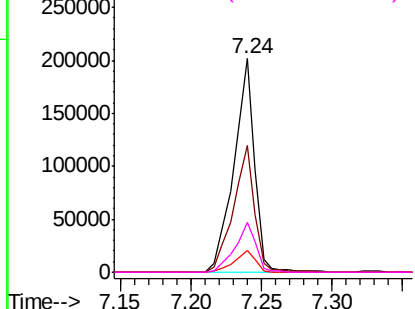
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 48.706 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		302924		
108	90.5	68.2		108.2	
77	43.8	100.7		140.7#	
79	31.4	7.3		47.3	

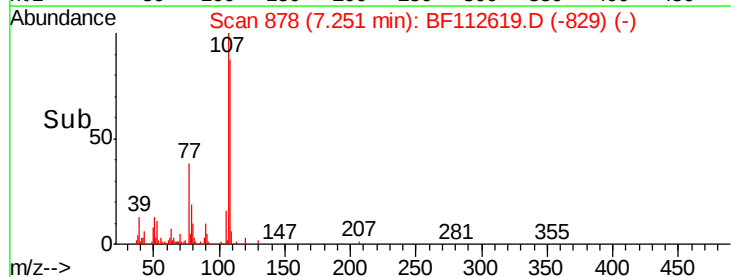
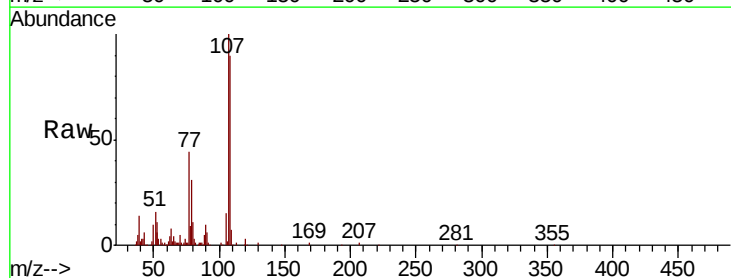
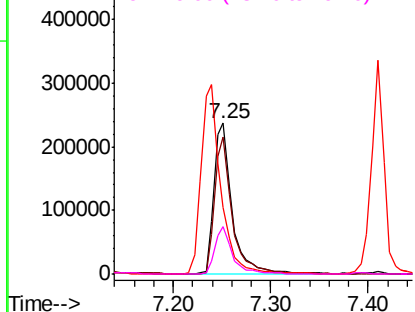
Abundance

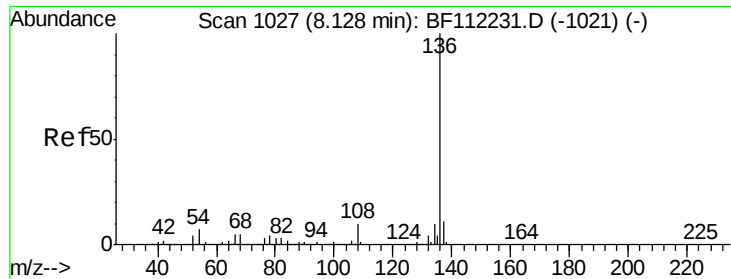
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





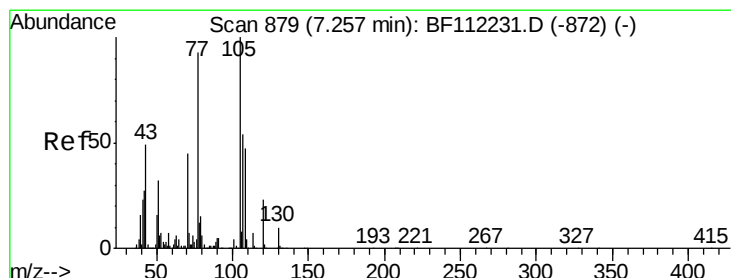
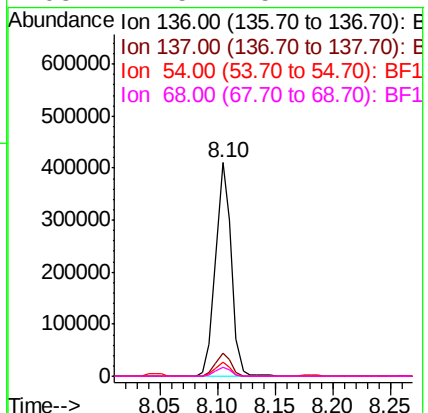
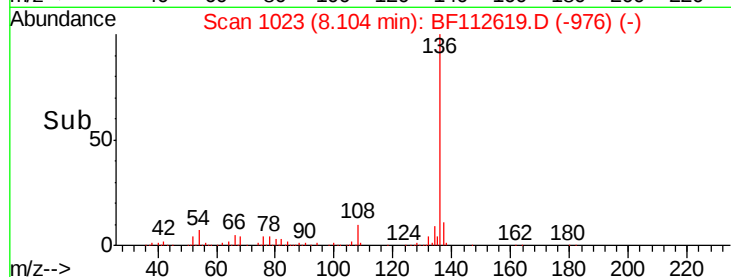
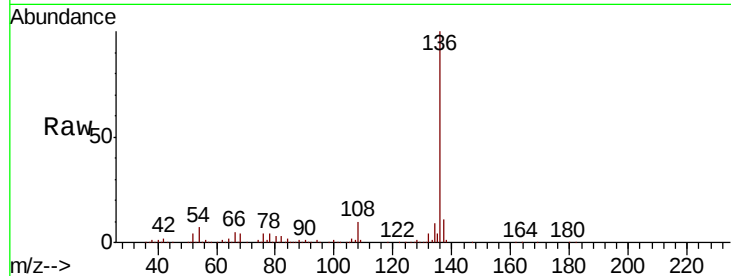
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	6.6	5.9	8.9	
68	4.5	5.1	7.7#	

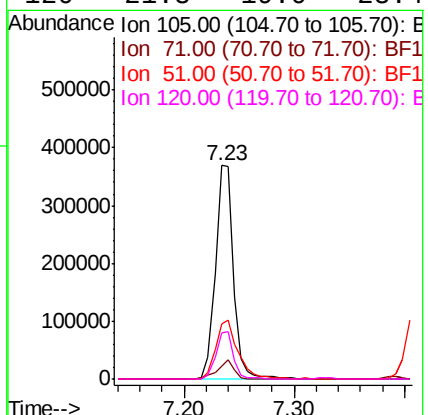
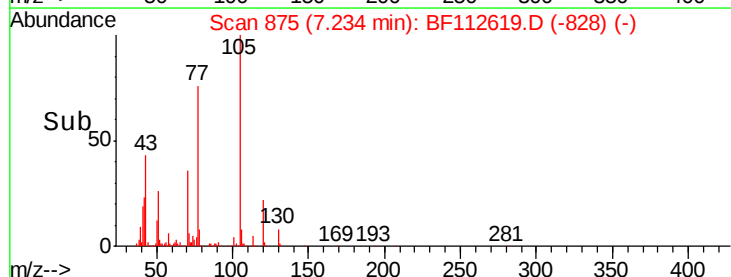
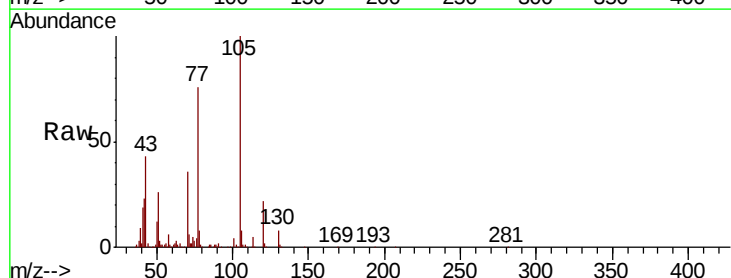
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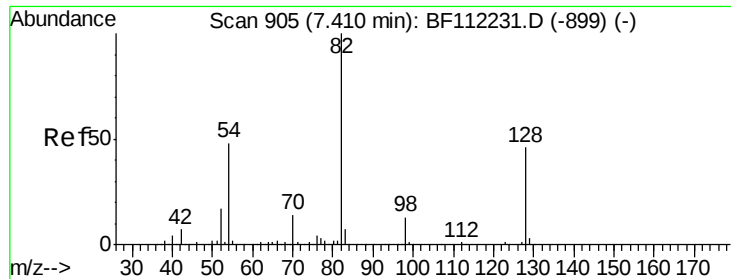
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#22
Acetophenone
Concen: 44.108 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	4.6	6.8	
51	26.0	25.0	37.6	
120	21.8	19.0	28.4	





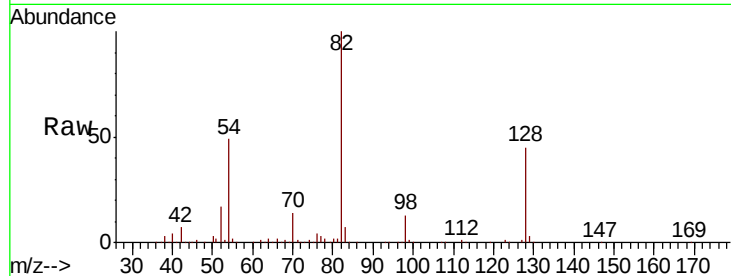
#23
Nitrobenzene-d5
Concen: 87.793 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

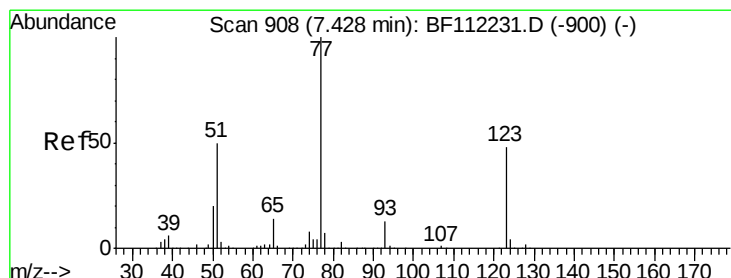
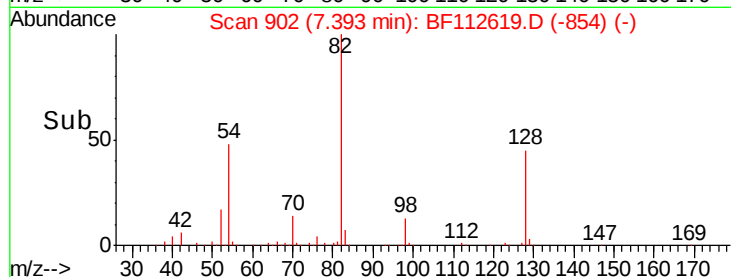
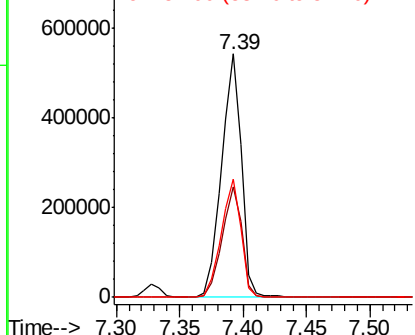
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.8	56.8
54	48.6	39.7	59.5

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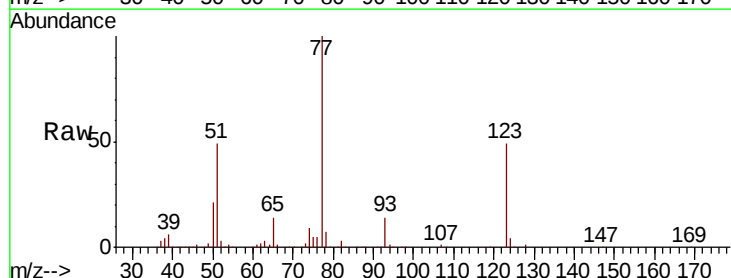


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

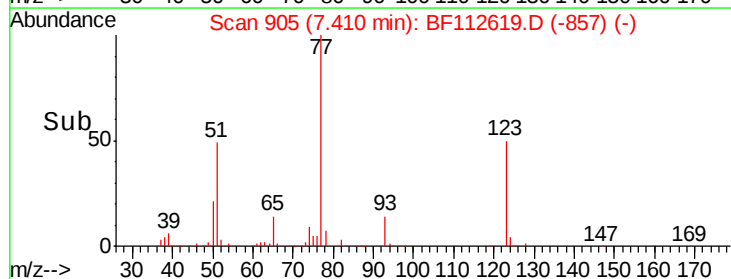
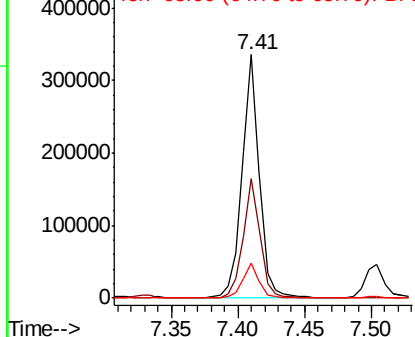


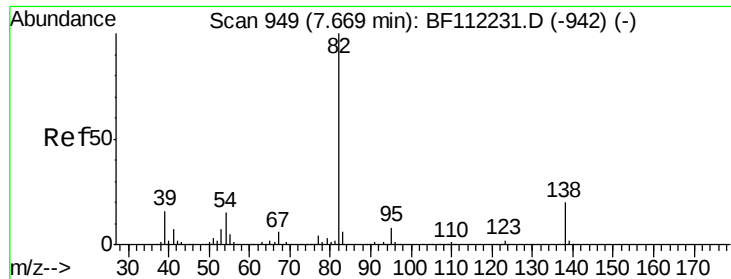
#24
Nitrobenzene
Concen: 45.064 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.4	57.6
65	14.2	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





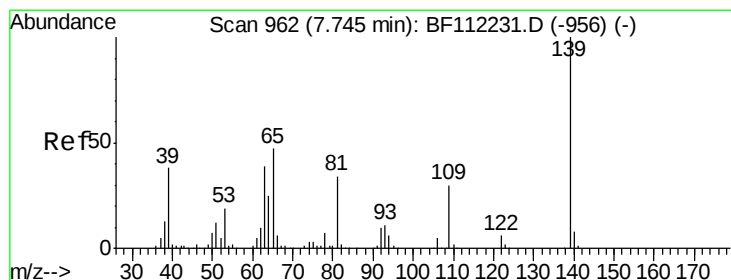
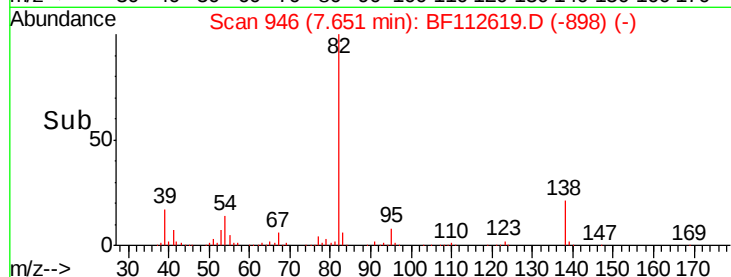
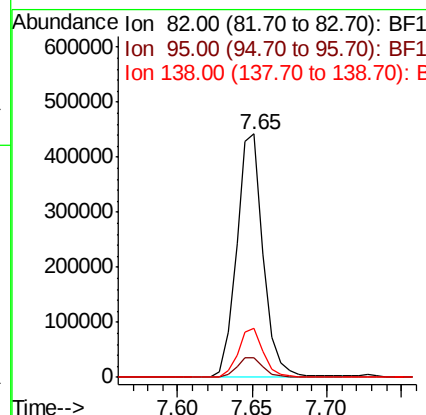
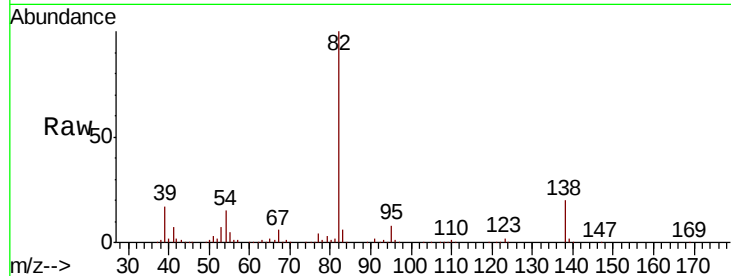
#25
Isophorone
Concen: 52.140 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	5.7	8.5
138	20.4	15.4	23.0

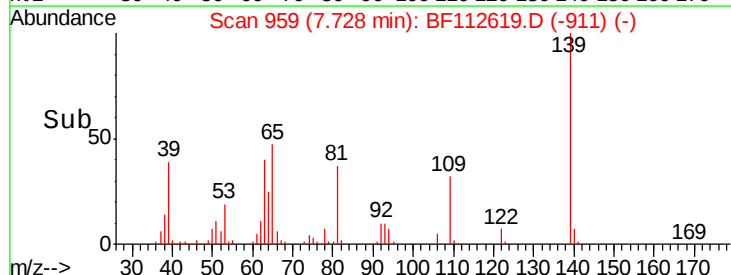
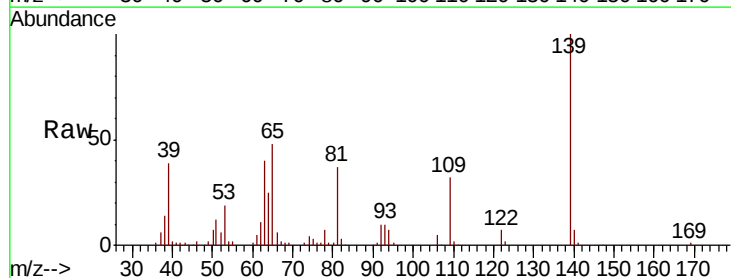
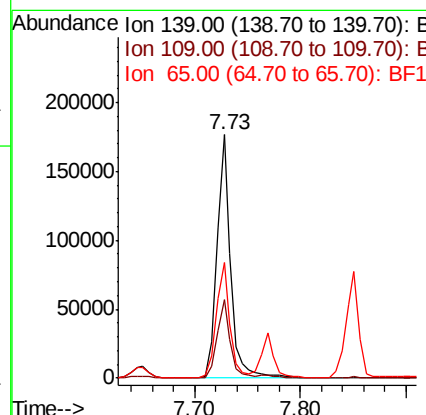
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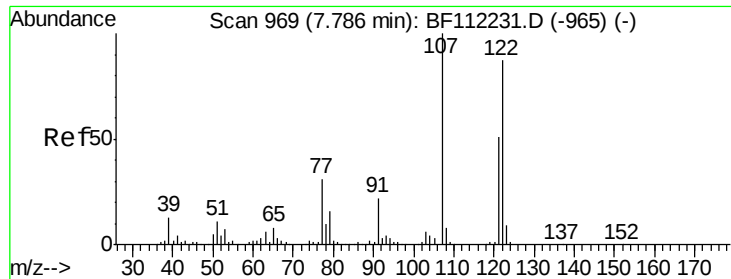
Sohil
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#26
2-Nitrophenol
Concen: 45.396 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.4	20.8	31.2#
65	47.6	34.4	51.6





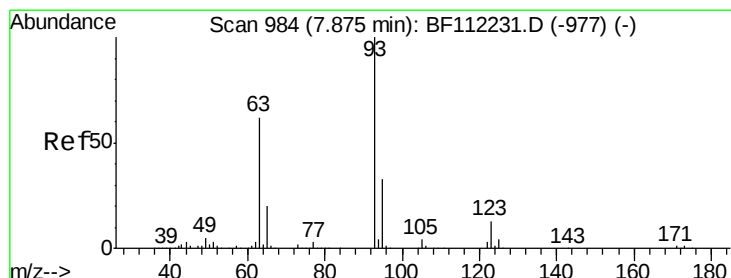
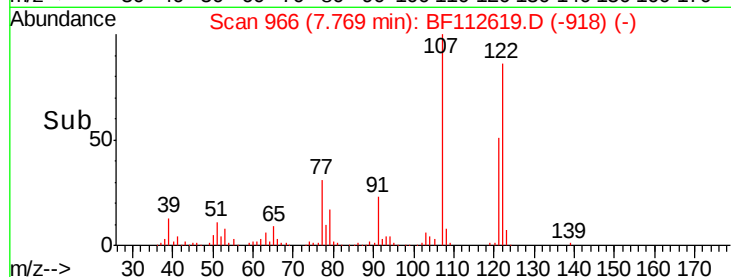
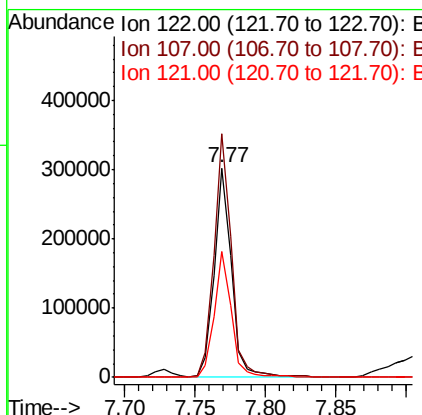
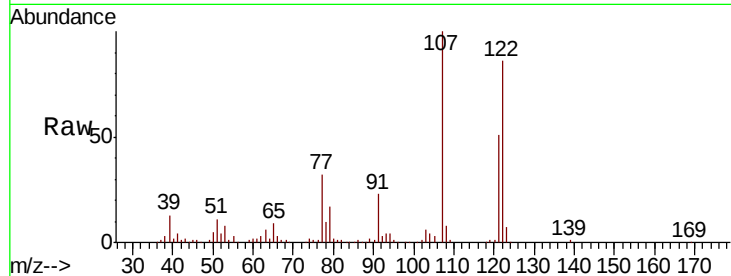
#27
2,4-Dimethylphenol
Concen: 52.518 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	260025		
107	116.3		85.4	128.0
121	59.9		47.0	70.4

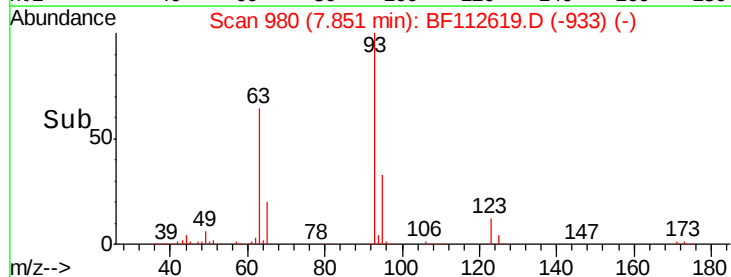
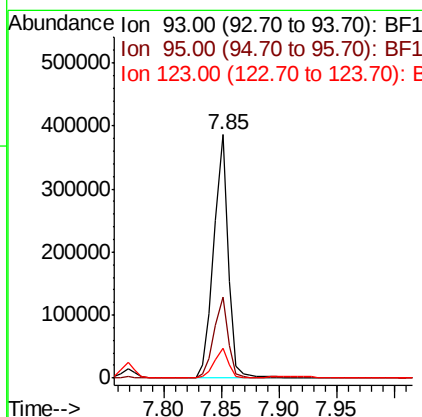
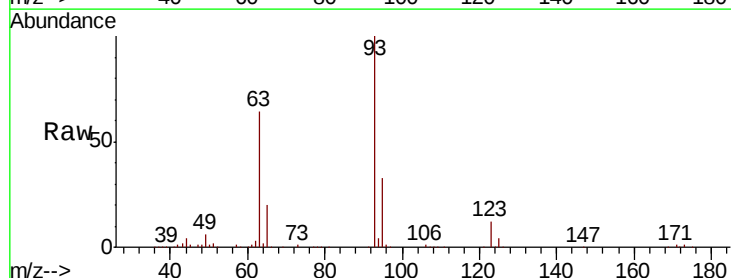
Manual Integrations
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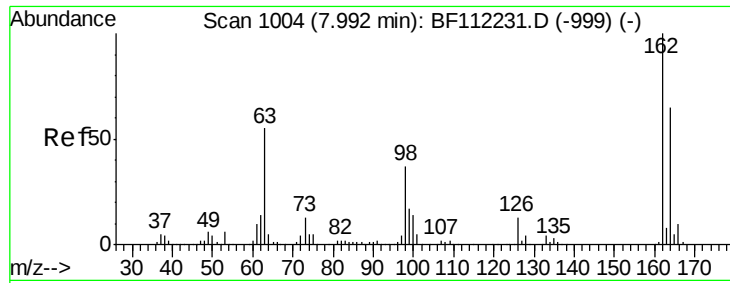
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 47.200 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339476		
95	33.4		26.8	40.2
123	12.4		10.2	15.2





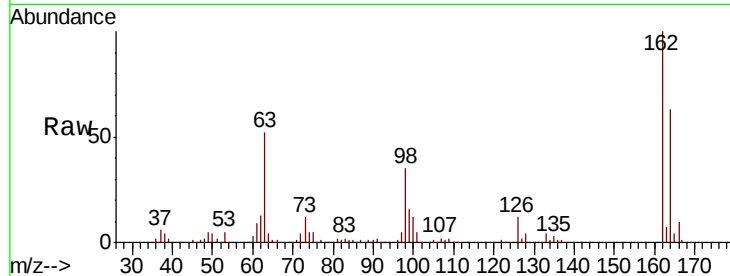
#29
2,4-Dichlorophenol
Concen: 46.189 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

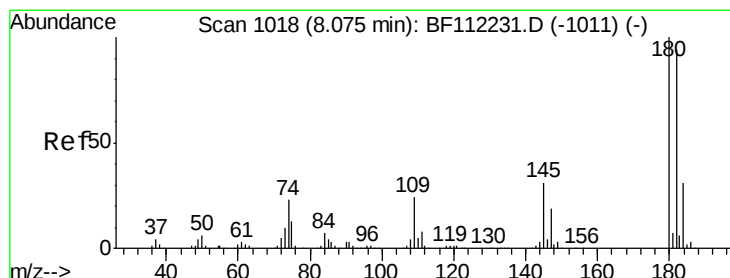
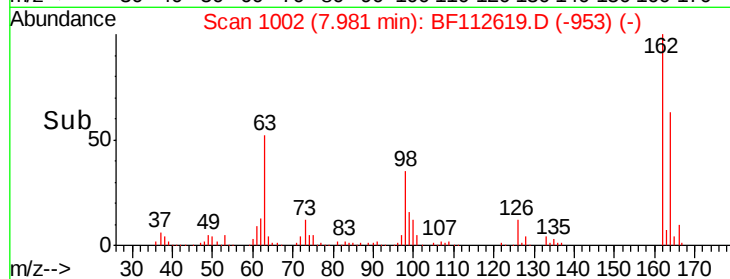
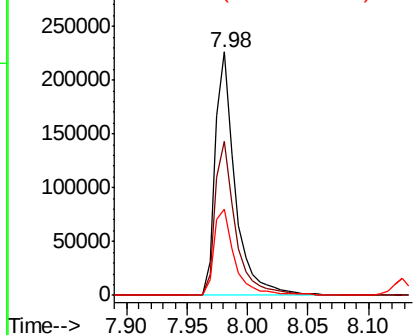
Tot Ion:	162	Resp:	255919
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.6	84.6
98	35.4	14.6	54.6

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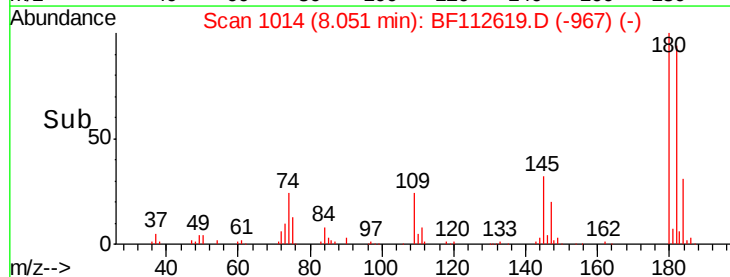
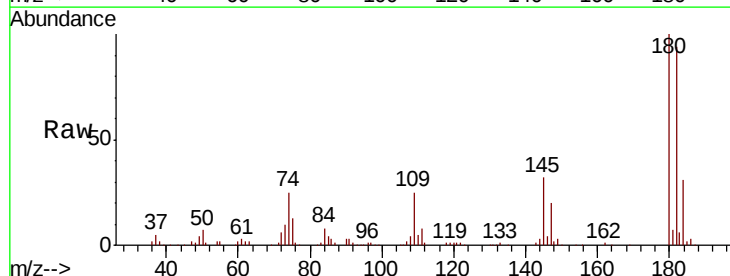
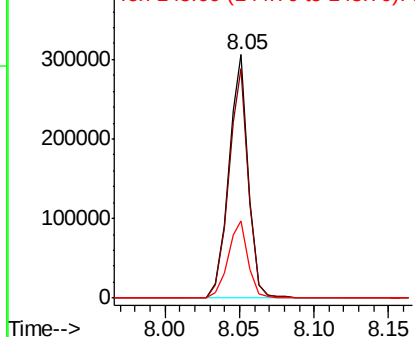
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

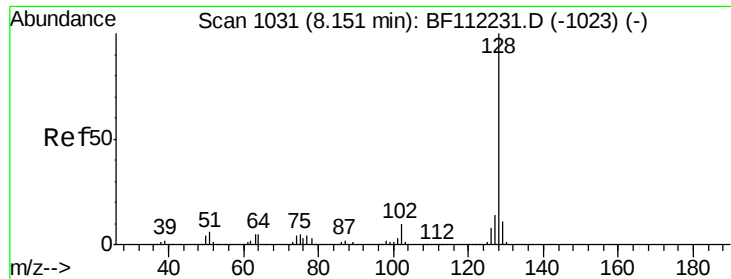


#30
1,2,4-Trichlorobenzene
Concen: 44.447 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion:	180	Resp:	283073
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.4	114.6
145	31.6	25.0	37.4

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





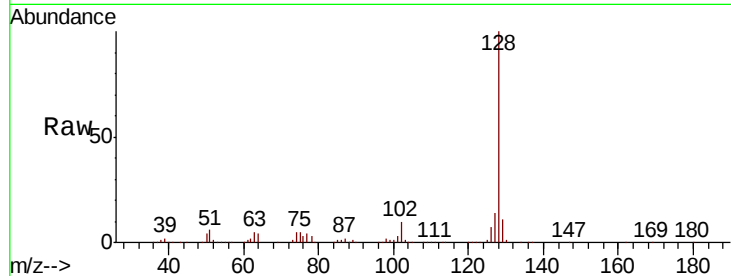
#31
Naphthalene
Concen: 48.136 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.9	11.1	16.7

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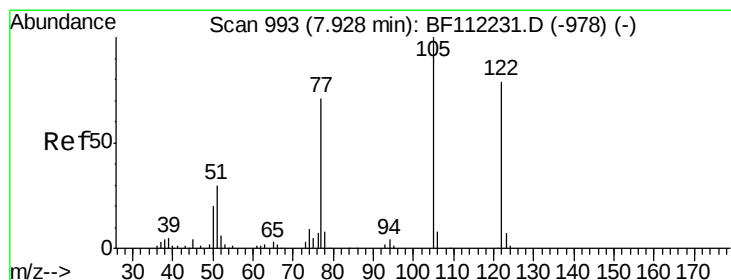
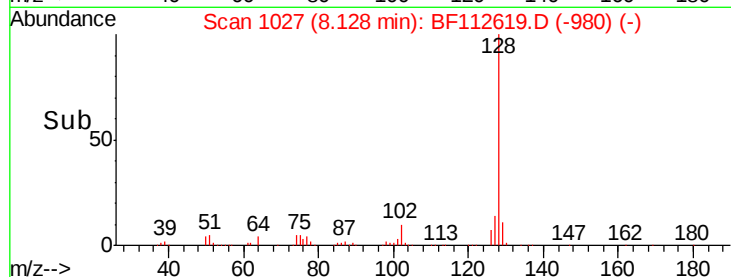
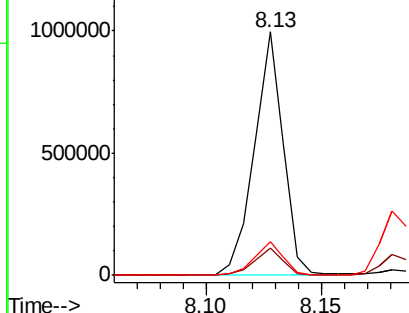


Abundance

Ion 128.00 (127.70 to 128.70): E

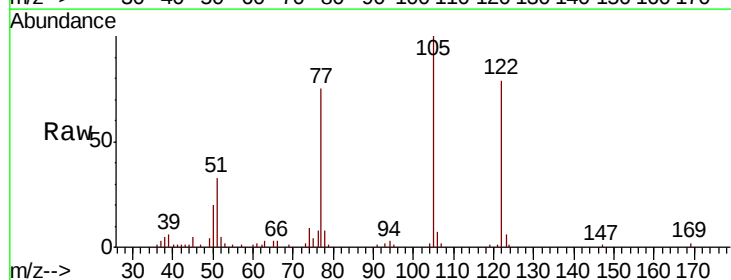
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.038 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	101.2	141.2
77	94.9	70.4	110.4

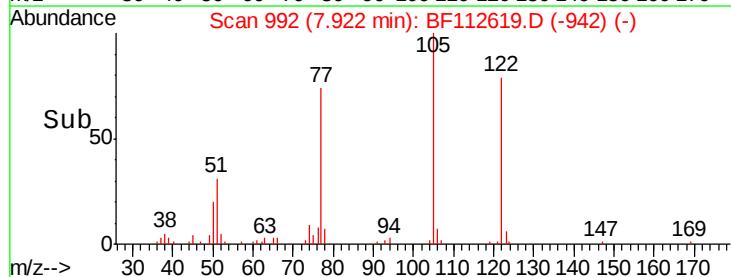
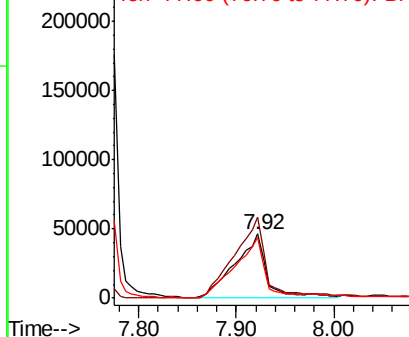


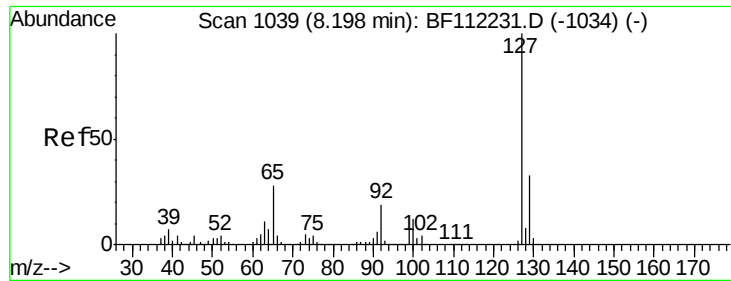
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





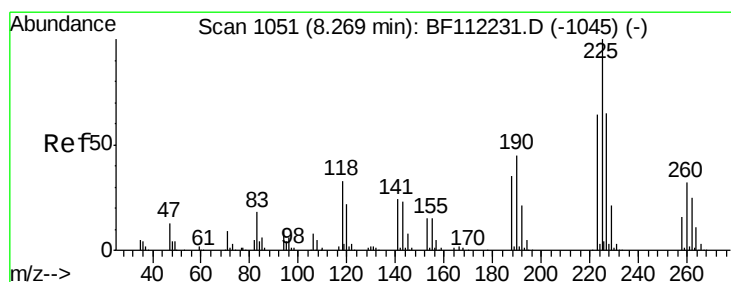
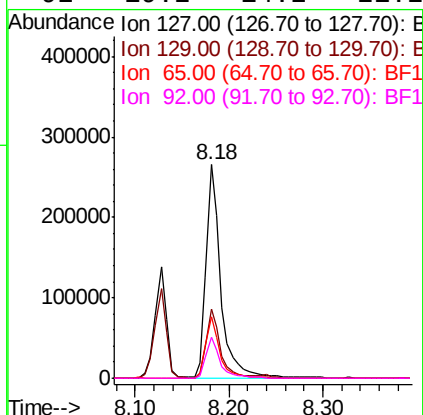
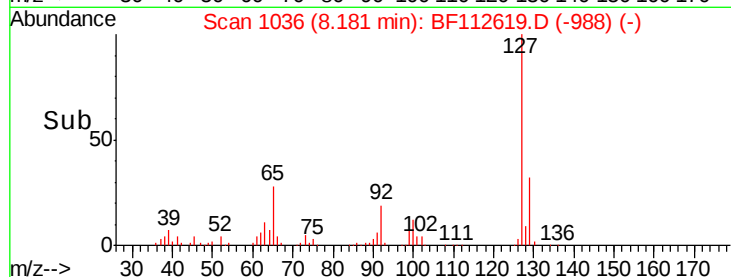
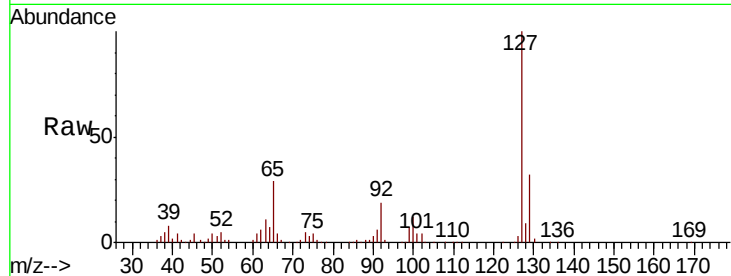
#33
4-Chloroaniline
Concen: 37.114 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	29.0	21.4	32.2		
92	19.2	14.2	21.2		

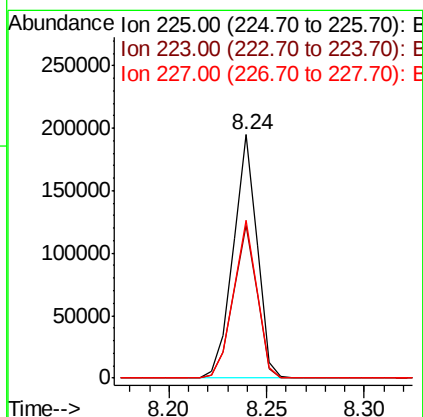
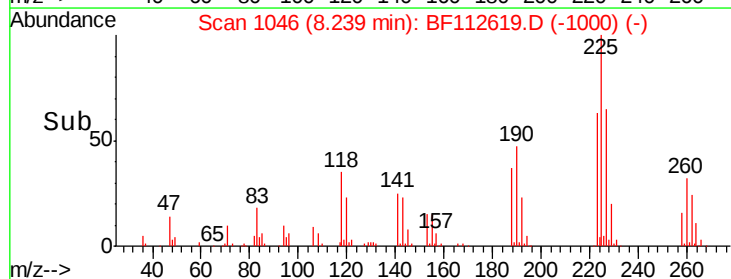
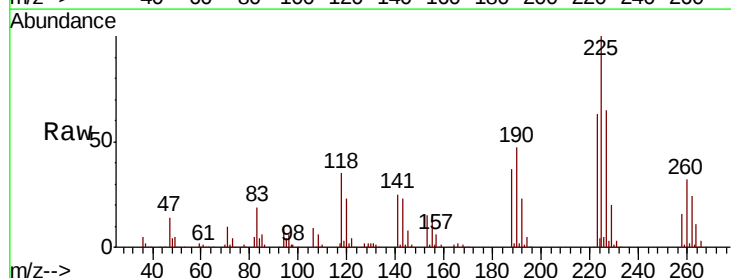
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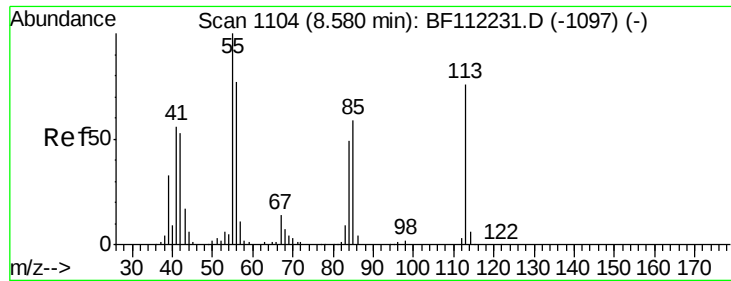
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#34
Hexachlorobutadiene
Concen: 44.091 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.3	75.5		
227	64.6	51.8	77.8		





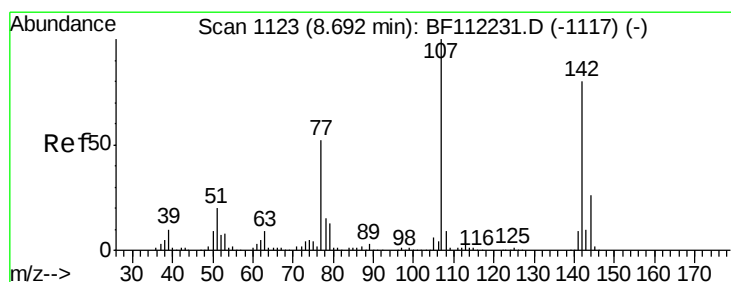
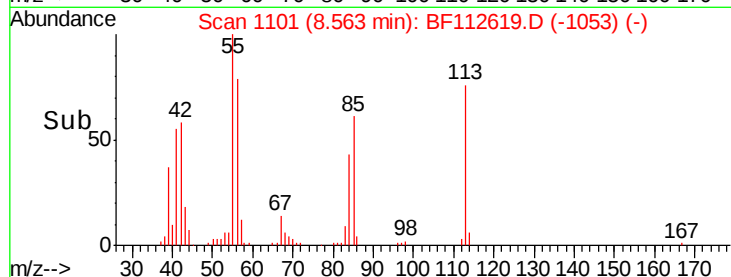
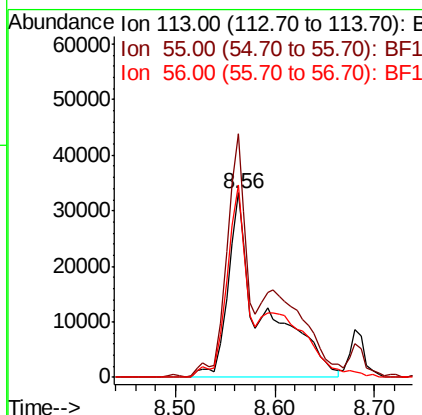
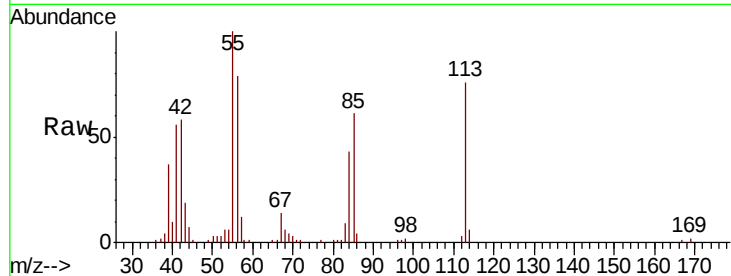
#35
 Caprolactam
 Concen: 41.315 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	131.9	121.6	161.6		
56	104.6	86.7	126.7		

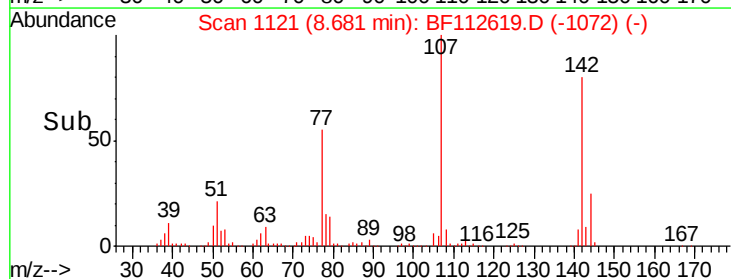
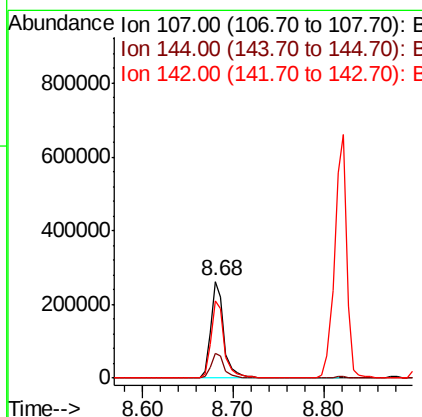
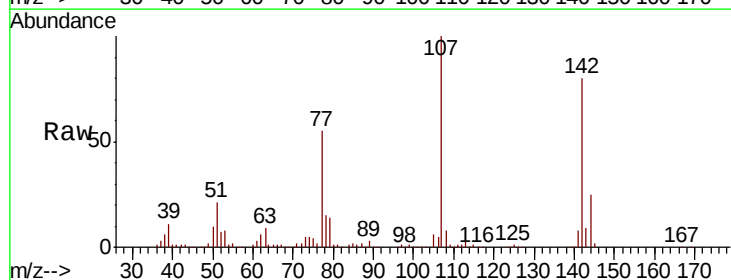
Manual Integrations
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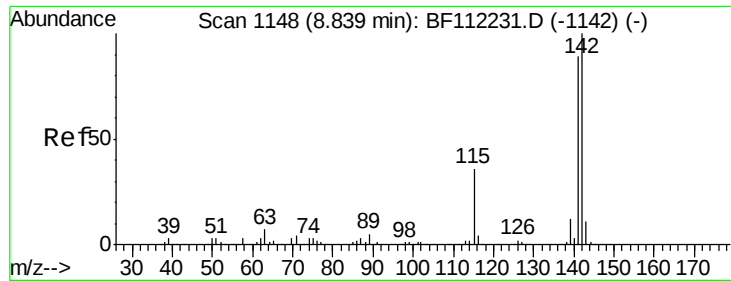
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#36
 4-Chloro-3-methylphenol
 Concen: 45.803 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.4	22.2	33.2		
142	79.7	67.7	101.5		





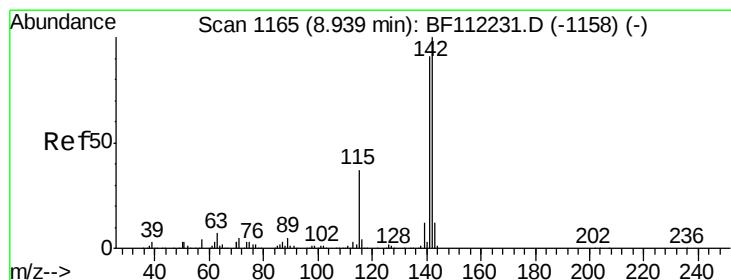
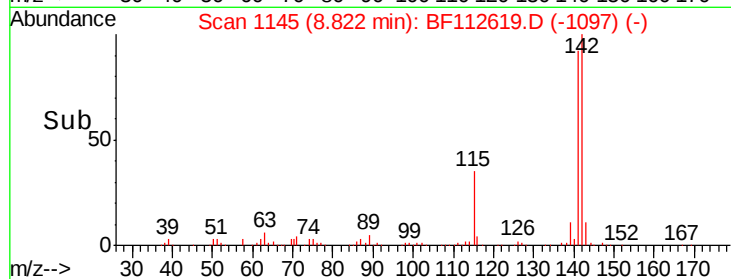
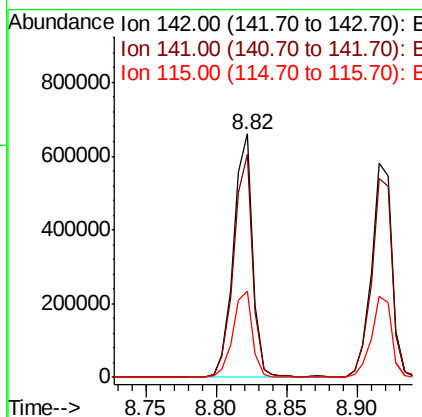
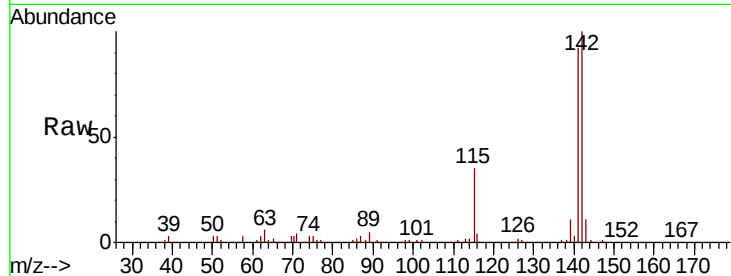
#37
2-Methylnaphthalene
Concen: 50.024 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.9	106.3
115	35.2	24.9	37.3

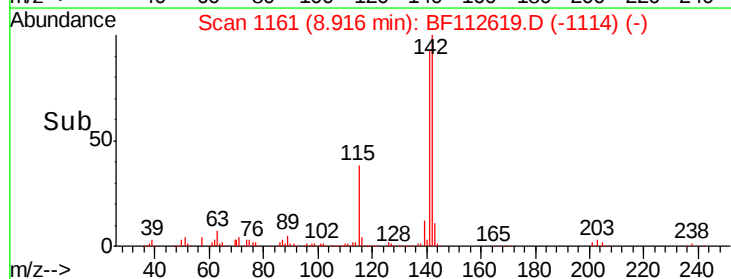
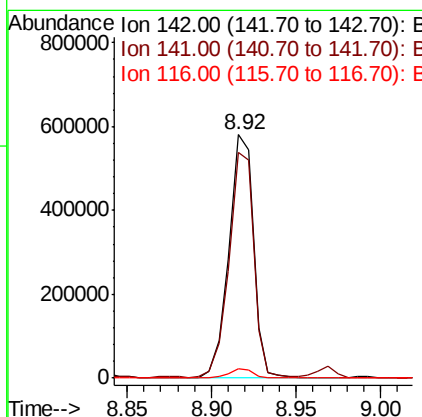
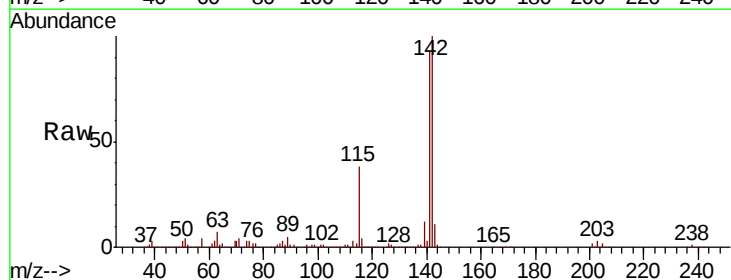
Manual Integrations
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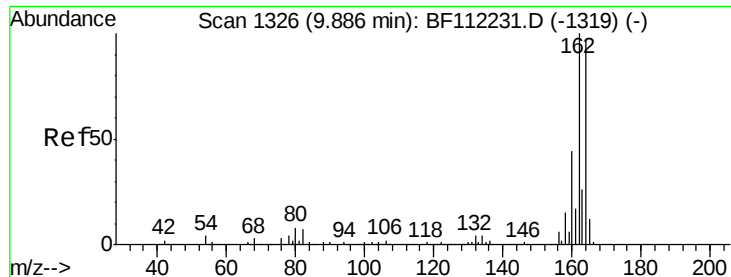
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#38
1-Methylnaphthalene
Concen: 49.103 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.6	108.8
116	3.9	2.8	4.2





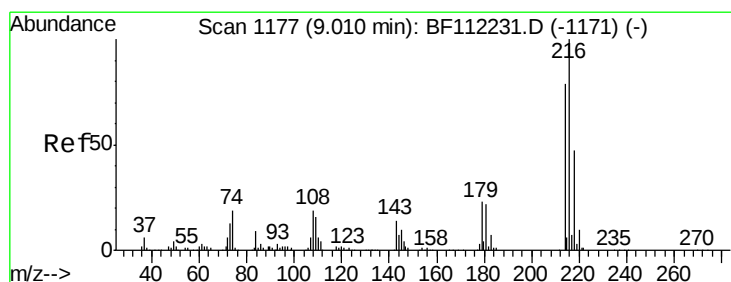
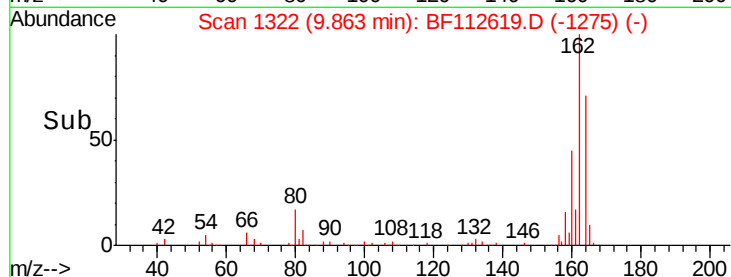
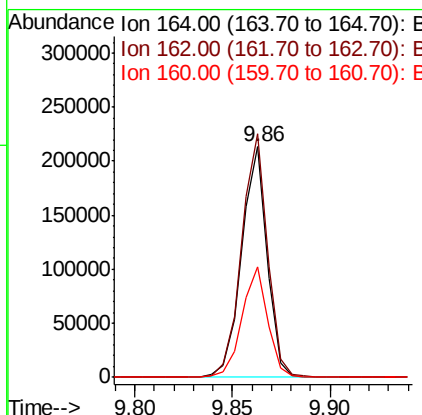
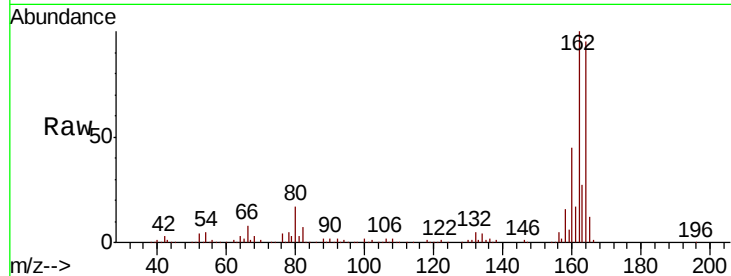
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	192364		
162	105.7	82.2	123.4	
160	47.9	36.2	54.4	

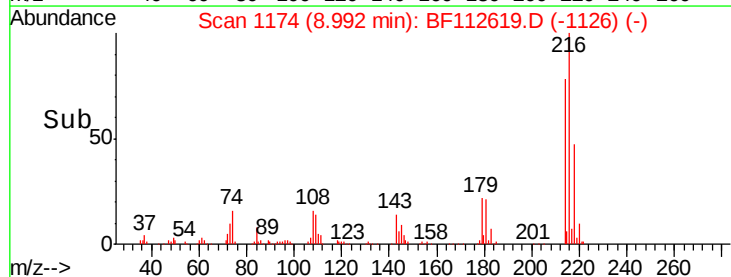
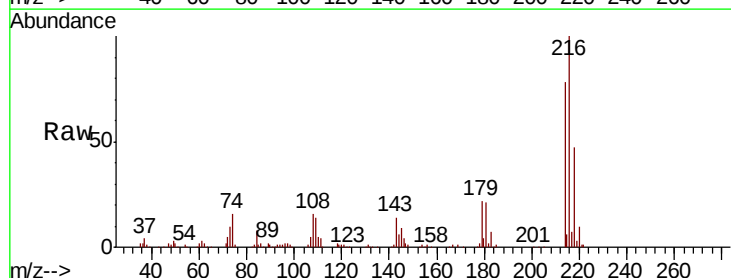
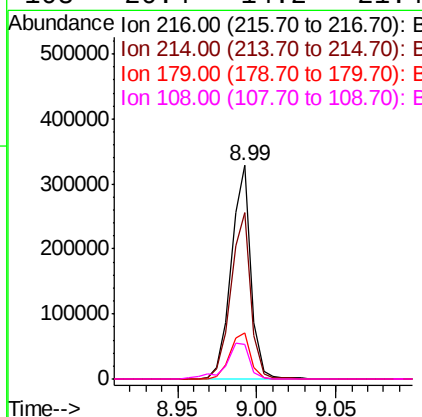
Manual Integrations
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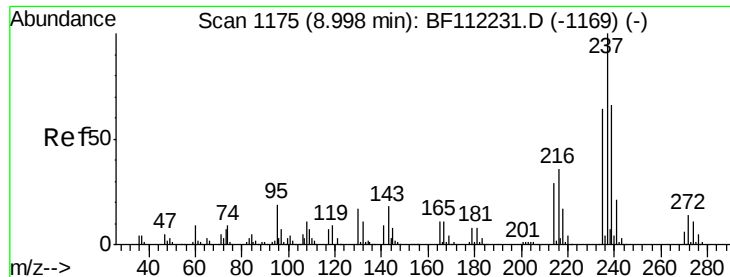
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.833 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	283167		
214	78.9	63.8	95.6	
179	22.6	16.9	25.3	
108	20.4	14.2	21.4	





#41

Hexachlorocyclopentadiene

Concen: 65.283 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.03 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

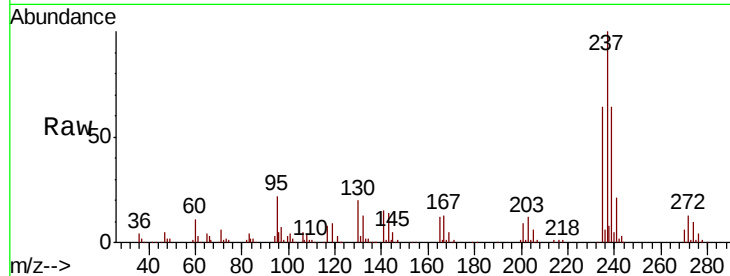
ClientSampled :

TS-1MS

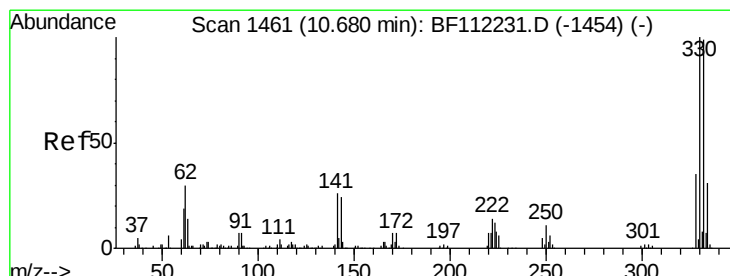
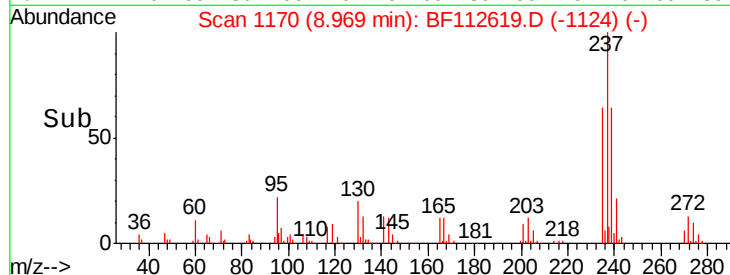
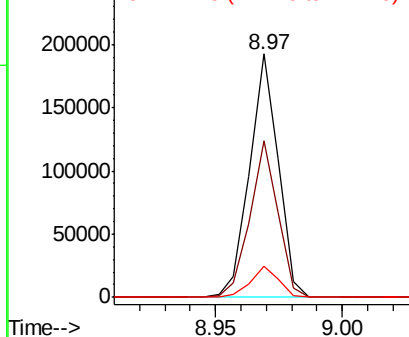
Tot Ion:	237	Resp:	151519
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.0	84.0
272	12.7	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 134.423 ng

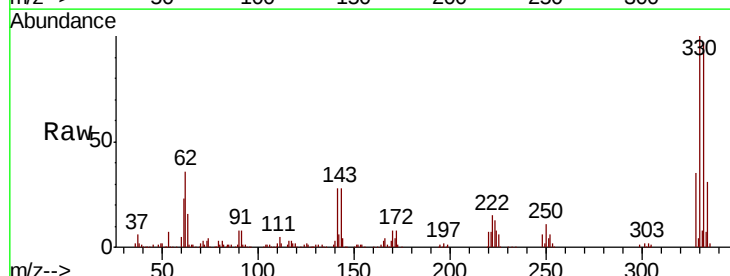
RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

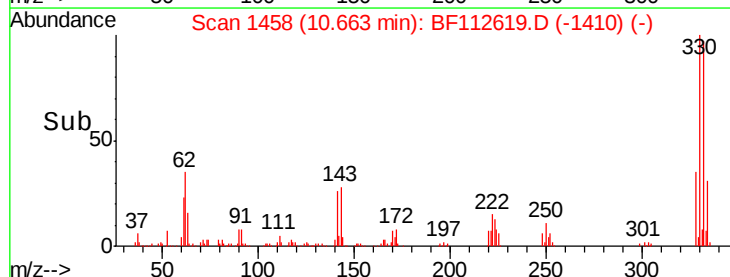
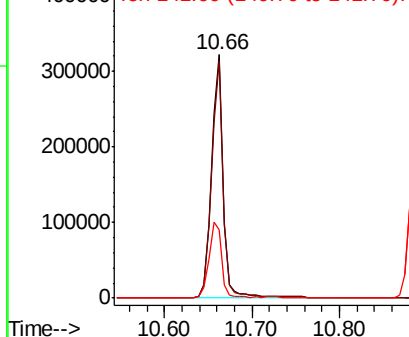
Lab File: BF112619.D

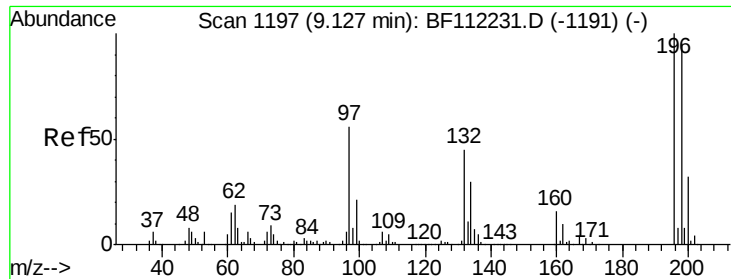
Acq: 19 Feb 2019 14:22

Tgt Ion:	330	Resp:	300981
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	114.8
141	33.7	24.3	36.5



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





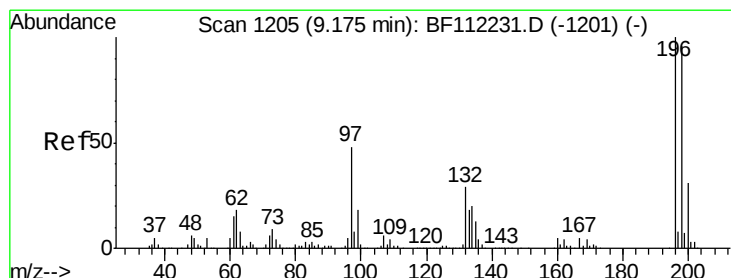
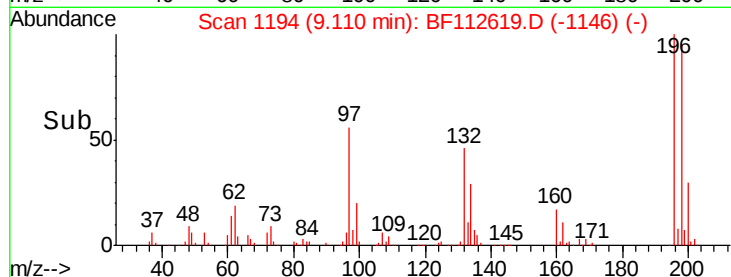
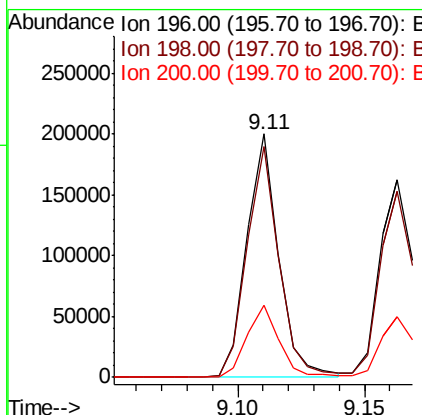
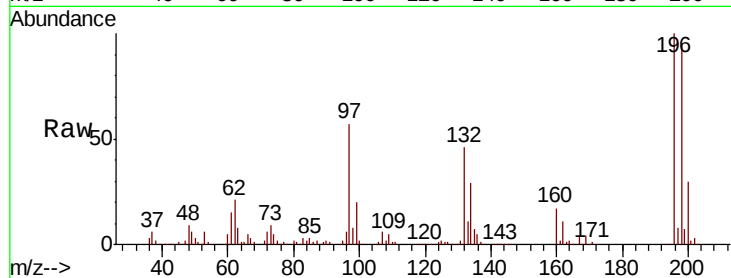
#43
 2,4,6-Trichlorophenol
 Concen: 45.213 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	176025		
198	94.7	76.2	114.4	
200	29.6	24.3	36.5	

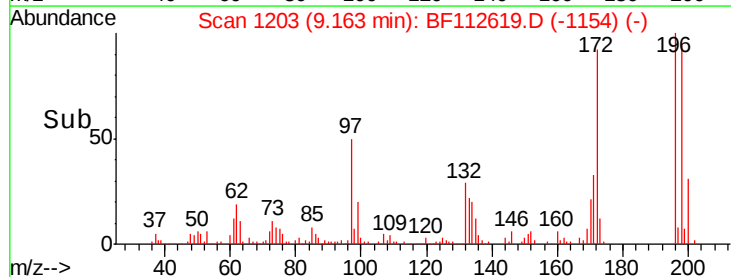
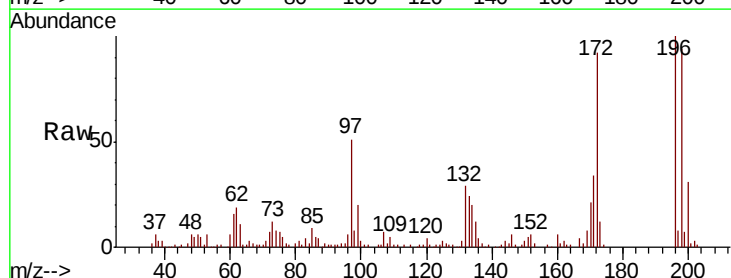
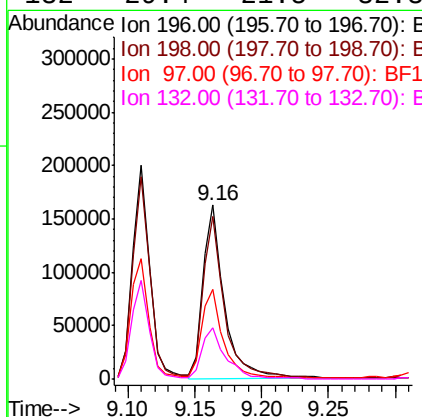
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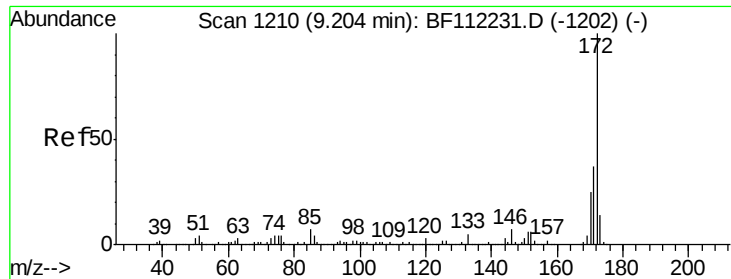
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#44
 2,4,5-Trichlorophenol
 Concen: 44.488 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181020		
198	93.9	76.0	114.0	
97	51.3	36.4	54.6	
132	29.4	21.5	32.3	





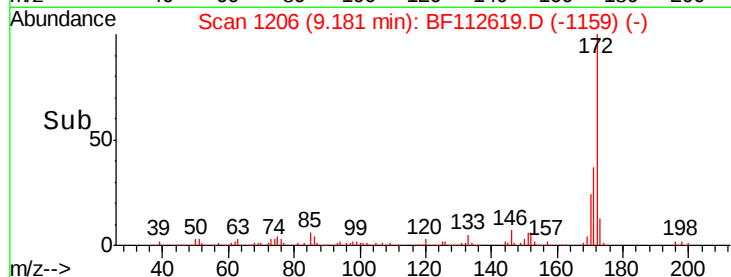
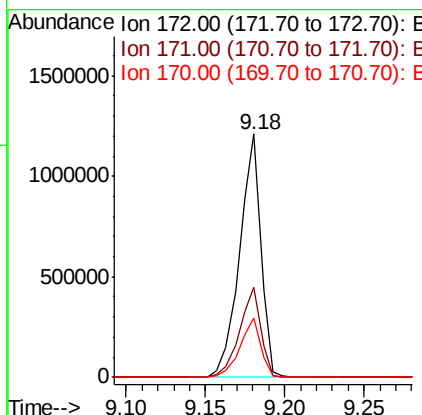
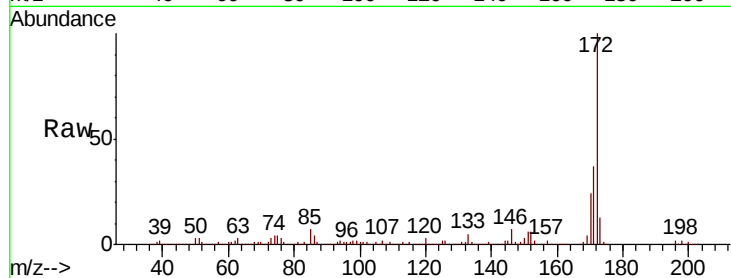
#45
2-Fluorobiphenyl
Concen: 82.723 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.2	20.2	30.4

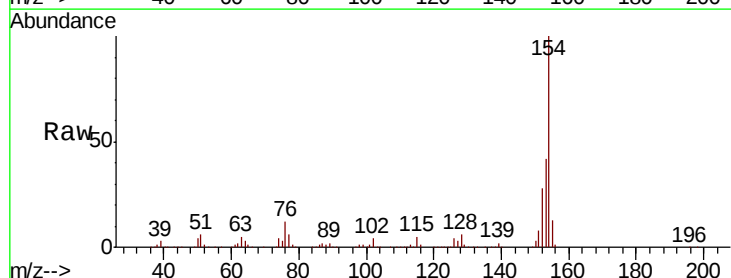
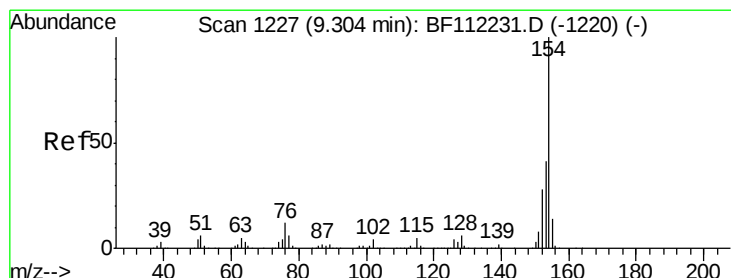
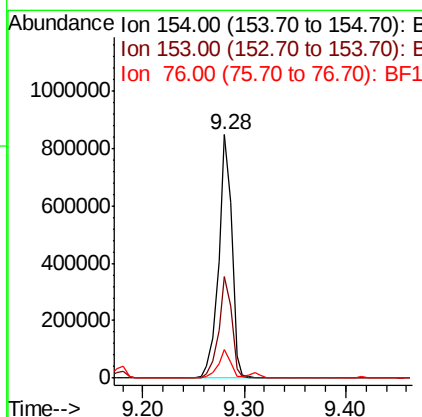
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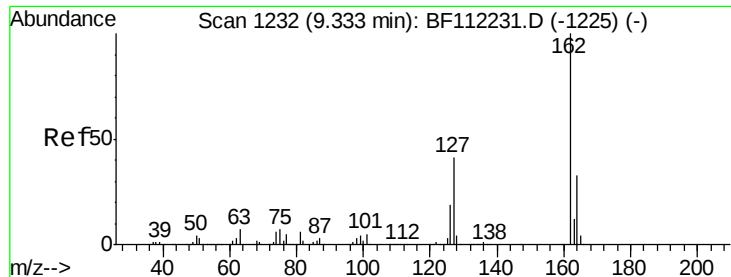
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#46
1,1'-Biphenyl
Concen: 45.172 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.5	61.5
76	11.8	0.0	33.1





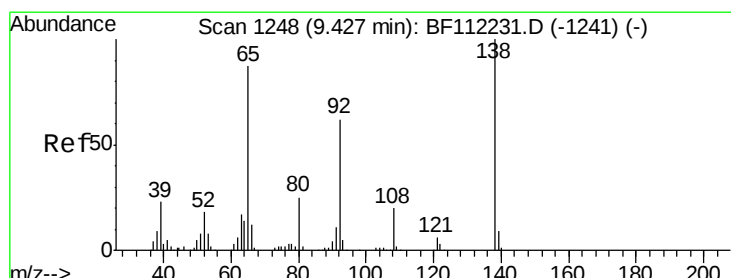
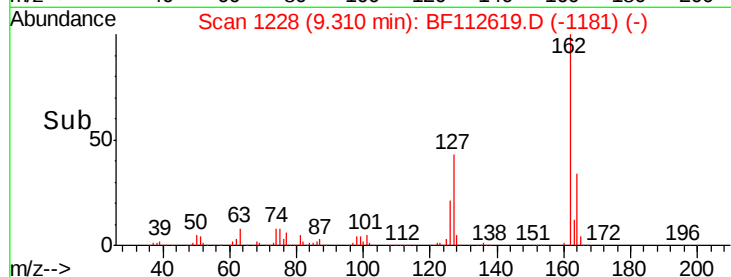
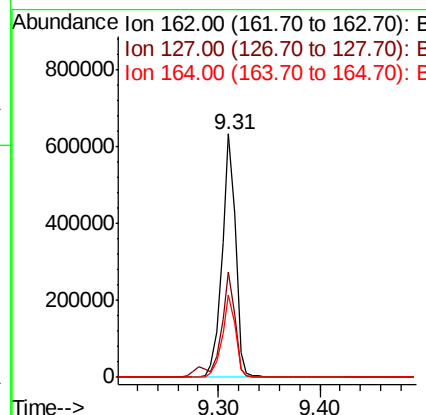
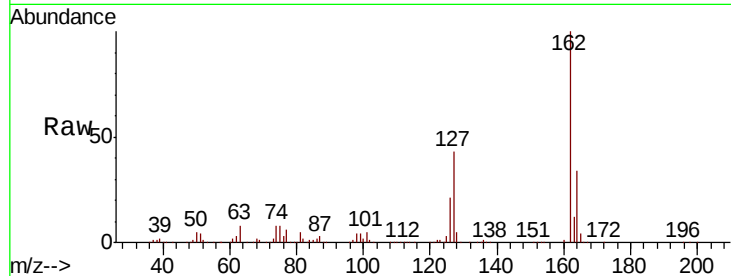
#47
 2-Chloronaphthalene
 Concen: 44.772 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	43.3	30.4	45.6		
164	33.8	27.4	41.2		

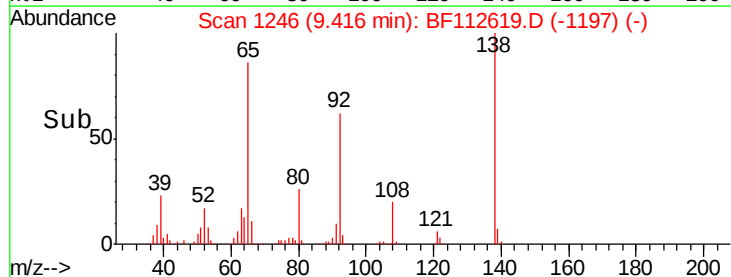
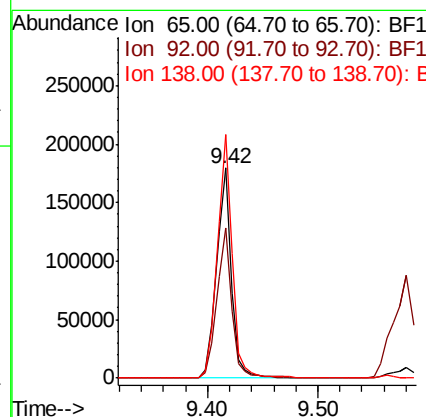
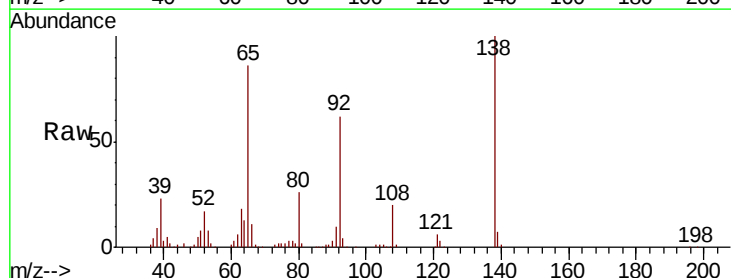
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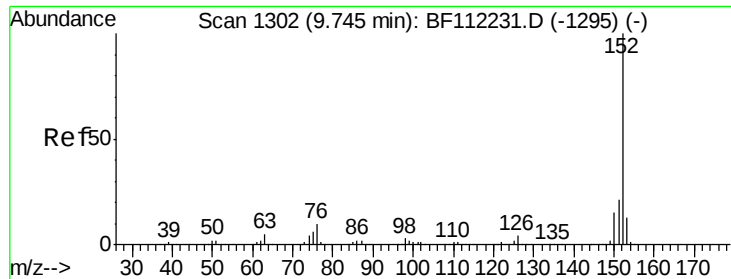
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#48
 2-Nitroaniline
 Concen: 46.421 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.5	60.4	90.6		
138	116.0	104.4	156.6		





#49

Acenaphthylene

Concen: 48.409 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

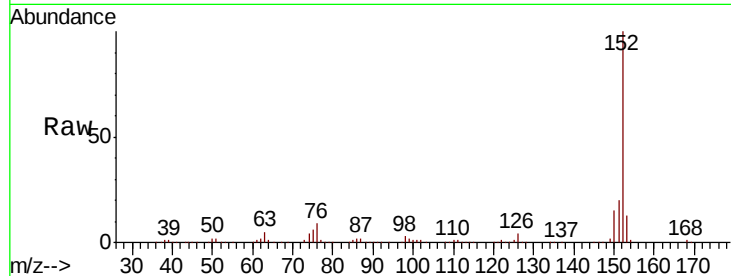
ClientSampled :

TS-1MS

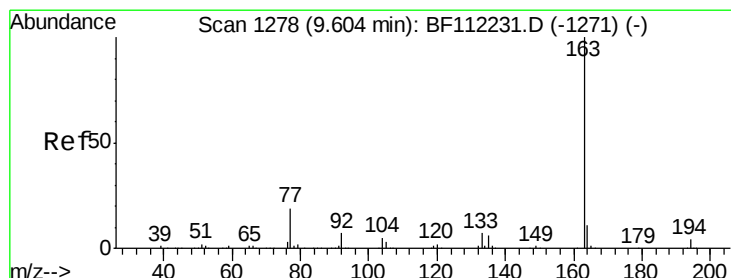
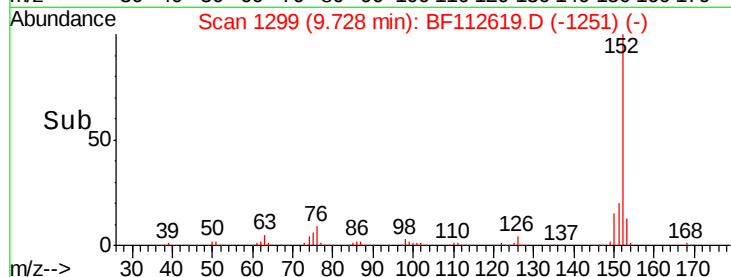
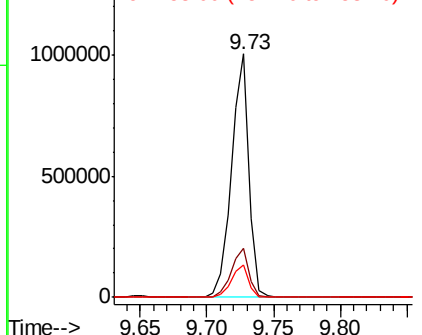
Tot Ion:	152	Resp:	925318
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.0	25.6
153	13.1	11.2	16.8

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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: 51.983 ng

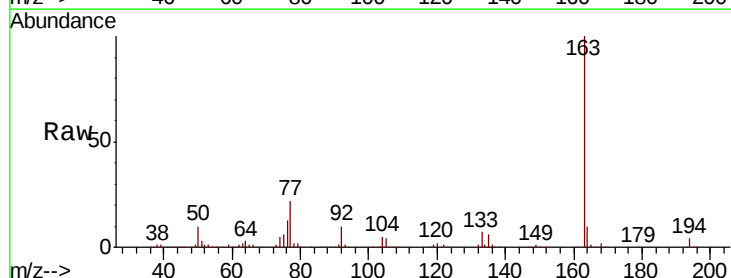
RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

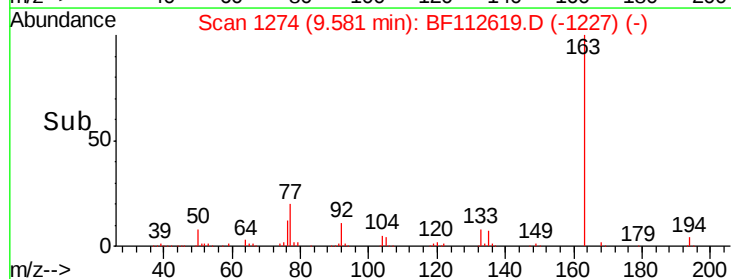
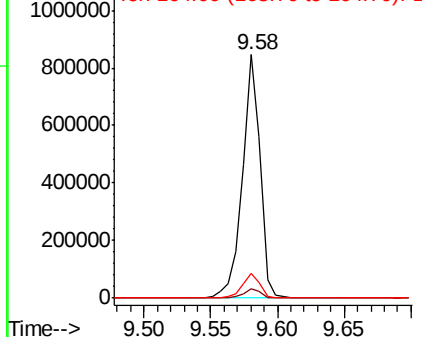
Lab File: BF112619.D

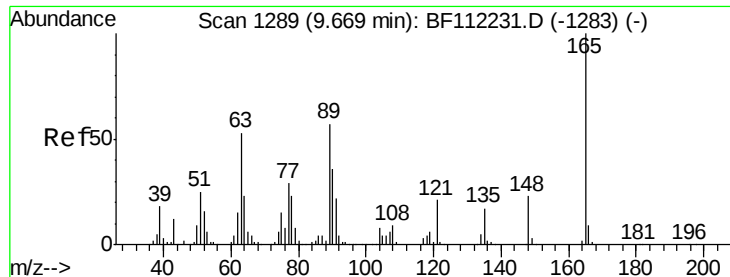
Acq: 19 Feb 2019 14:22

Tgt Ion:	163	Resp:	776926
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.3	4.9
164	10.4	8.5	12.7



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: 46.928 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

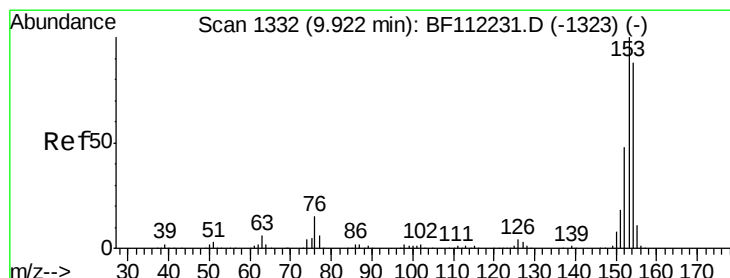
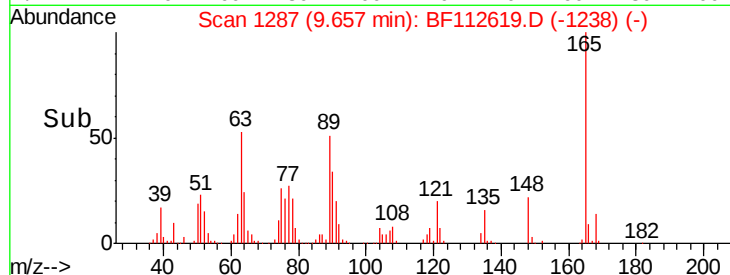
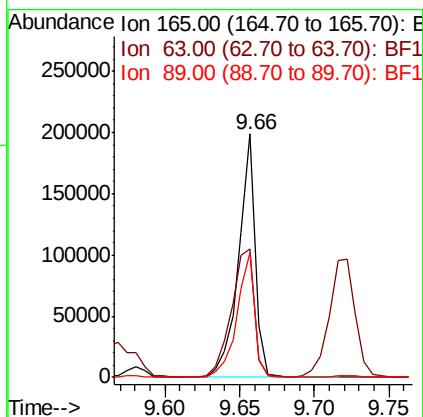
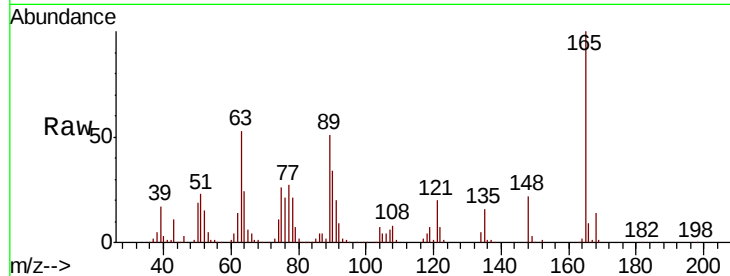
ClientSampled :

TS-1MS

Tot Ion:	165	Resp:	157081
Ion Ratio	Lower	Upper	
165	100		
63	53.0	33.8	50.8#
89	51.3	36.9	55.3

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#52

Acenaphthene

Concen: 46.899 ng

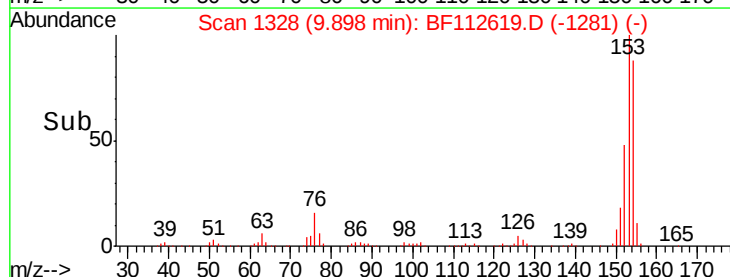
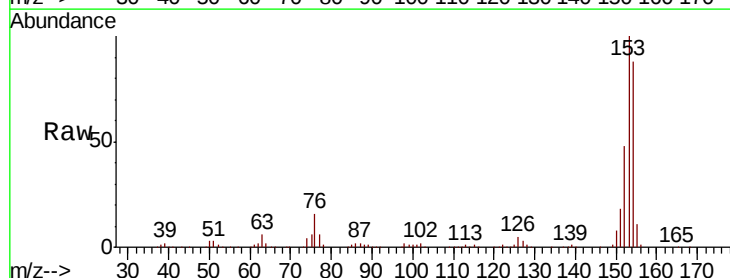
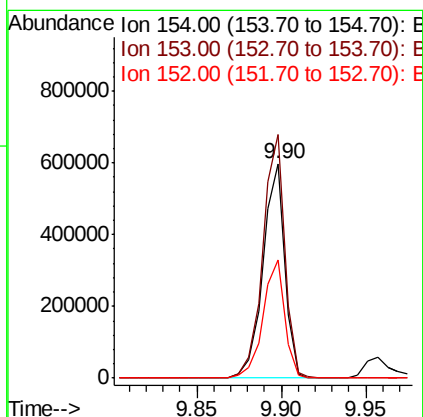
RT: 9.90 min Scan# 1328

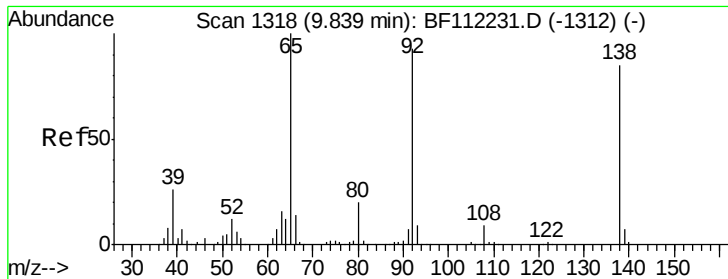
Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	154	Resp:	535511
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.8	134.6
152	55.0	43.5	65.3





#53

3-Nitroaniline

Concen: 34.888 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

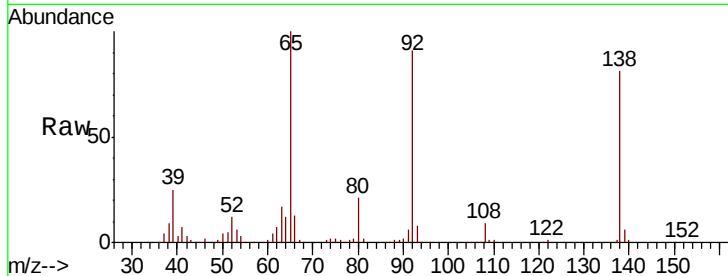
ClientSampleId :

TS-1MS

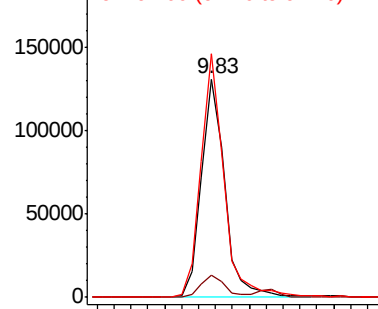
Tot Ion:138	Resp:	126516
Ion Ratio	Lower	Upper
138	100	
108	10.4	9.8 14.6
92	111.6	79.4 119.2

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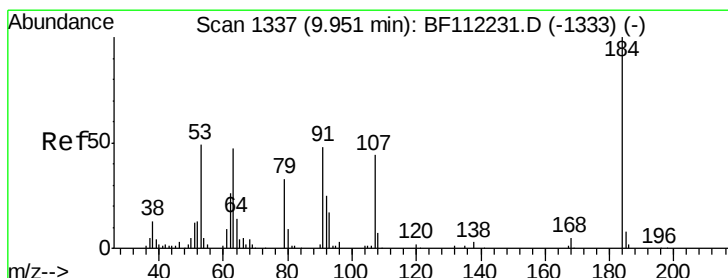
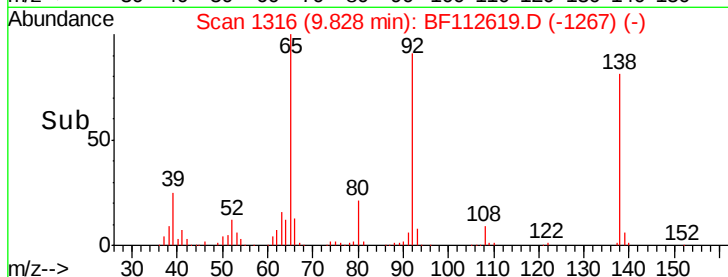
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Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



Time-->



#54

2,4-Dinitrophenol

Concen: 97.382 ng

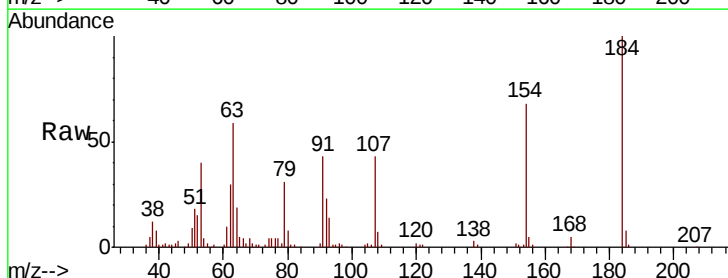
RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

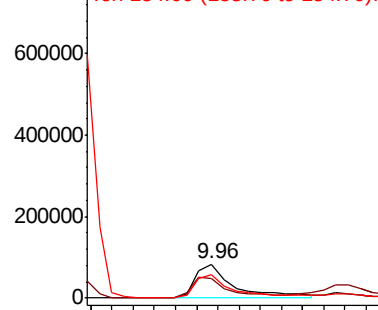
Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

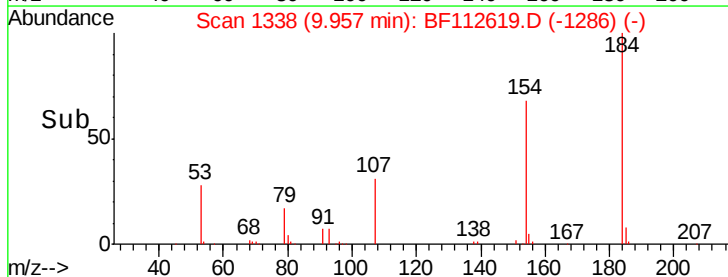
Tgt Ion:184	Resp:	104610
Ion Ratio	Lower	Upper
184	100	
63	59.4	47.1 70.7
154	68.5	48.9 73.3

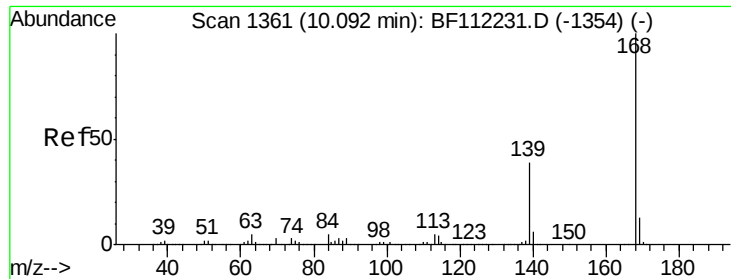


Abundance Ion 184.00 (183.70 to 184.70): E
800000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->





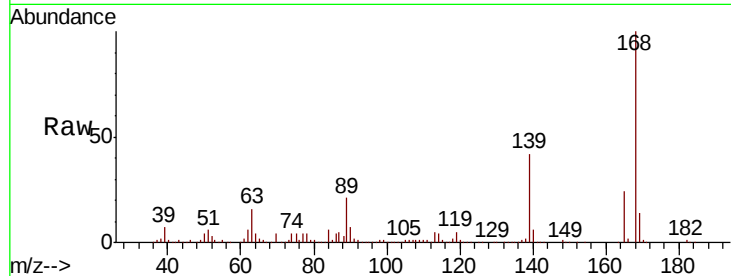
#55
Dibenzofuran
Concen: 46.471 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	29.2	43.8
169	13.6	11.4	17.0

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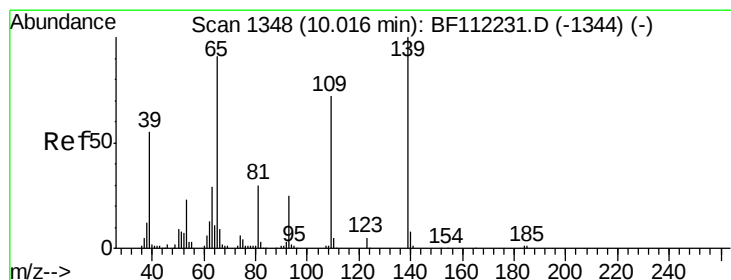
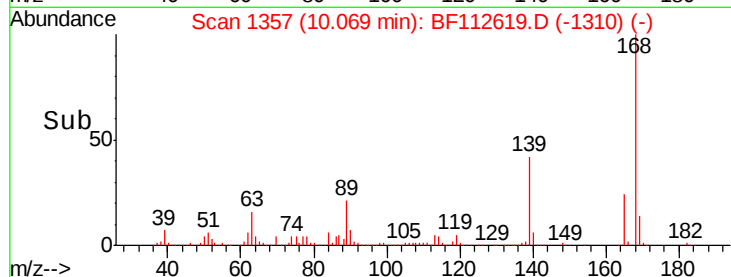
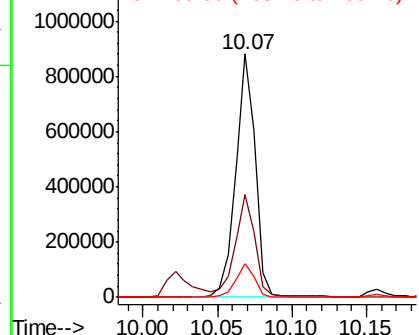


Abundance

Ion 168.00 (167.70 to 168.70): E

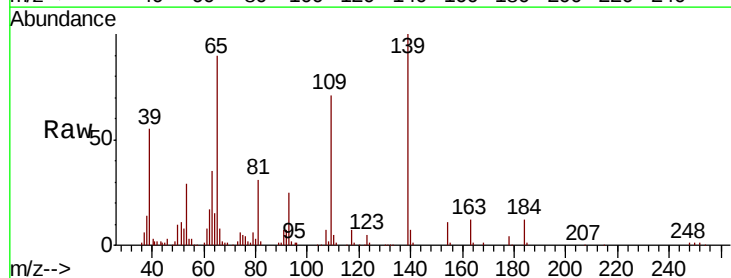
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 58.755 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	42.8	82.8
65	89.8	66.1	106.1

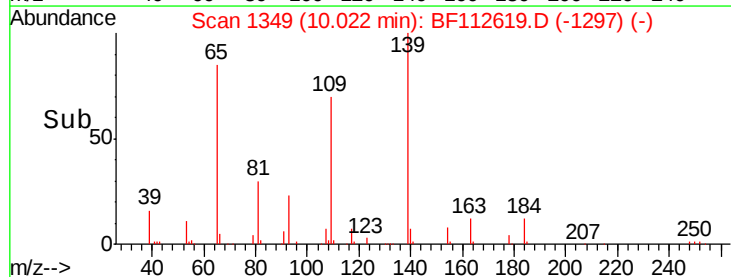
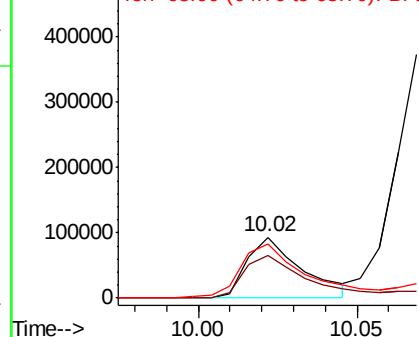


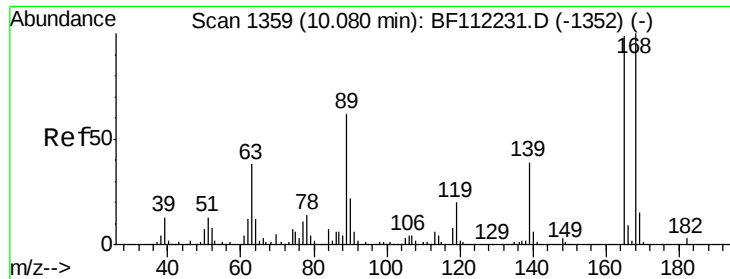
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





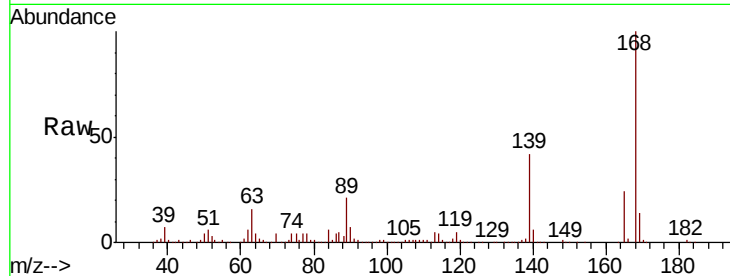
#57
2,4-Dinitrotoluene
Concen: 47.977 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.3	27.9	41.9#	
89	88.7	47.9	71.9#	
182	3.0	2.2	3.4	

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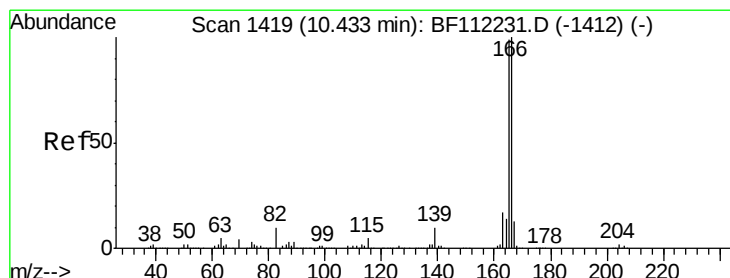
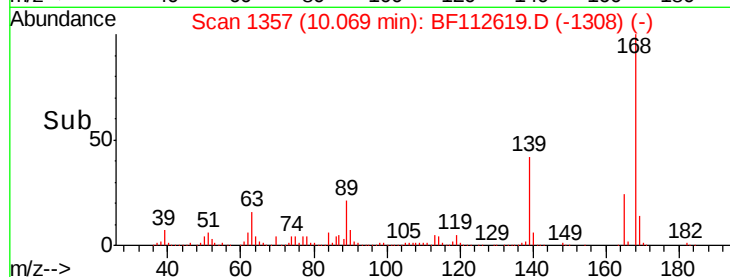
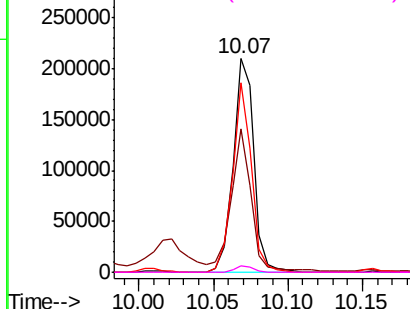
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.079 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

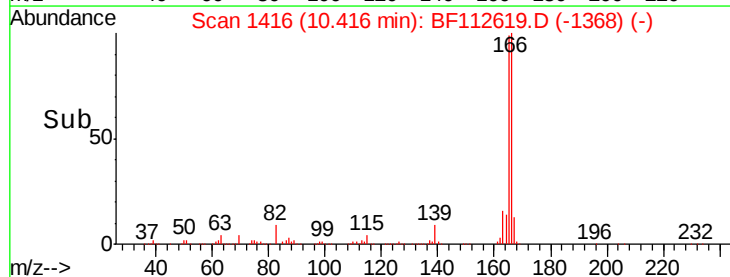
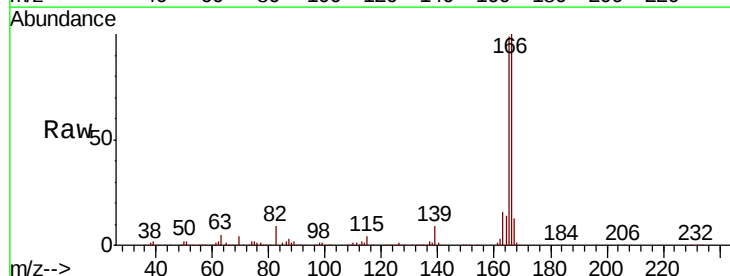
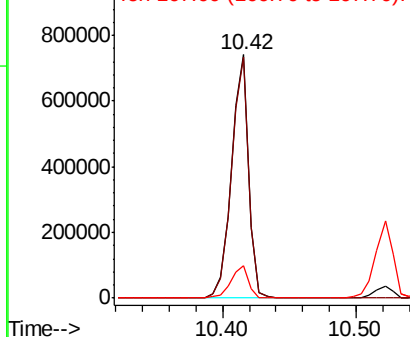
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	77.1	115.7	
167	13.4	11.3	16.9	

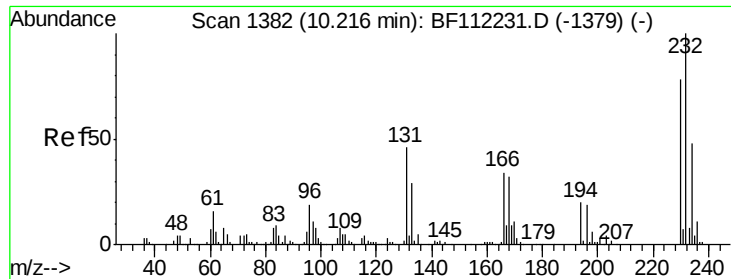
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





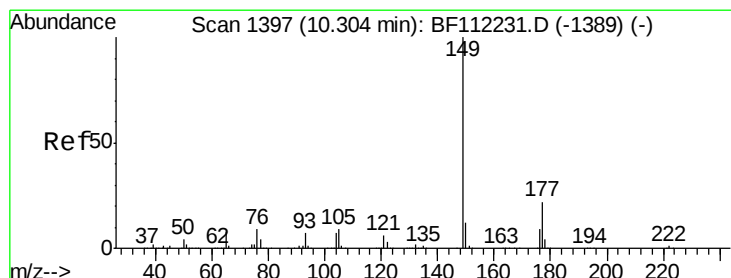
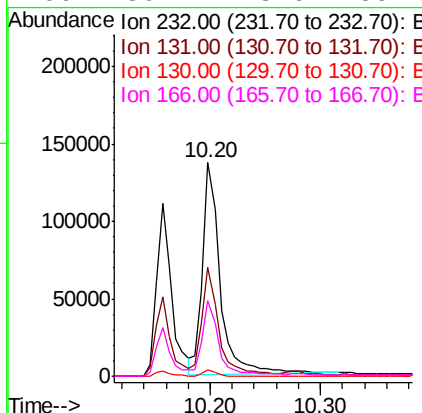
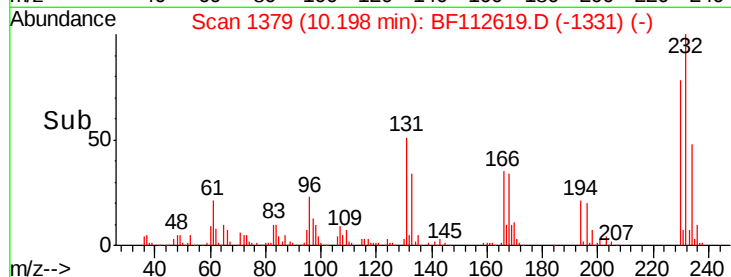
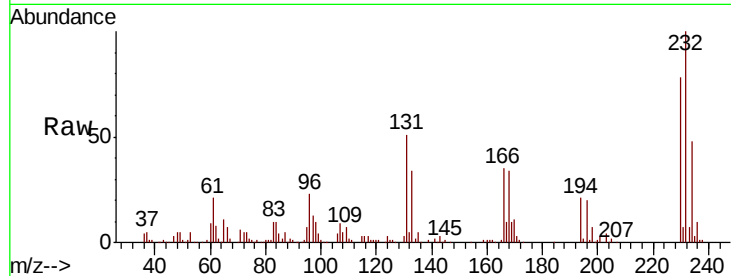
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.705 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	149764		
131	49.0		33.9	50.9
130	2.4		1.8	2.6
166	30.4		23.6	35.4

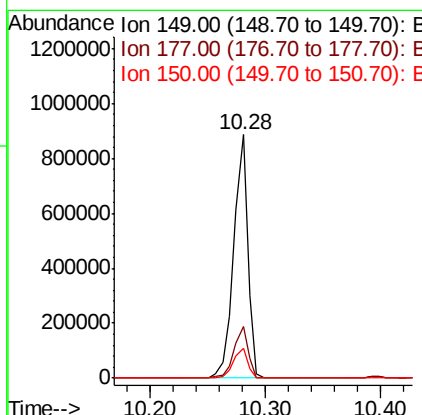
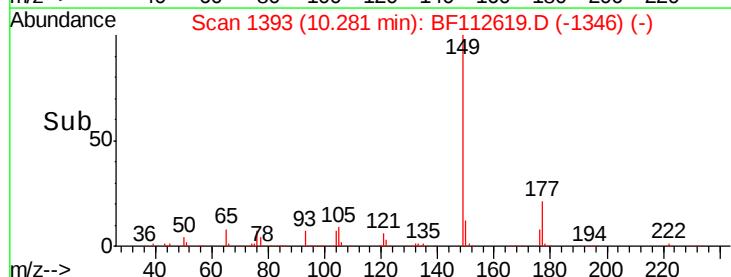
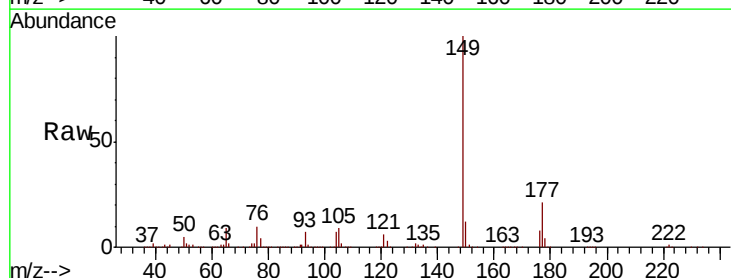
Manual Integrations
APPROVED

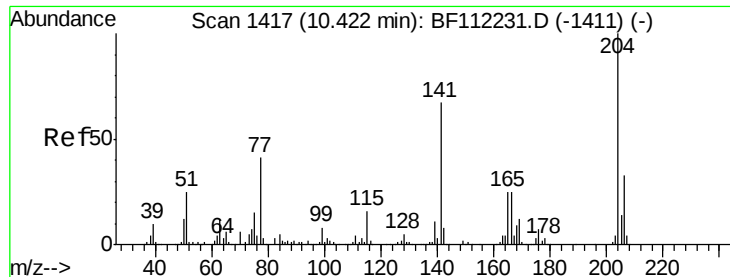
Sohil
2/20/2019 11:12:43 AM



#60
Diethylphthalate
Concen: 50.678 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	751645		
177	21.3		18.2	27.2
150	12.4		10.4	15.6





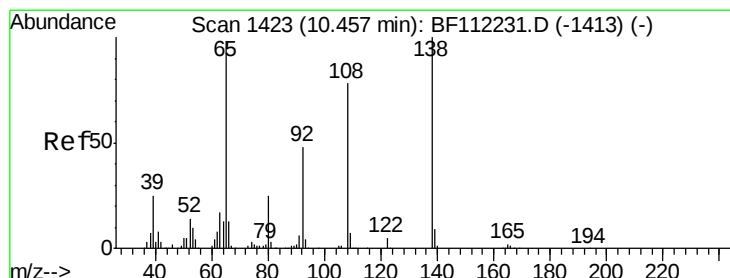
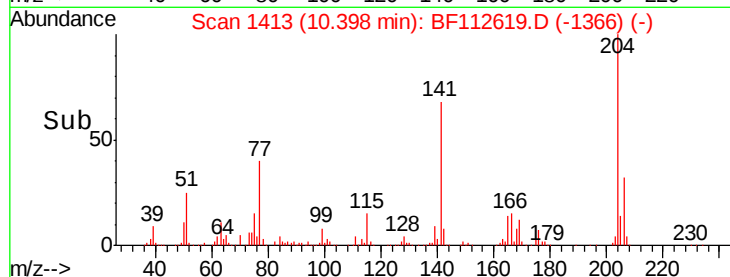
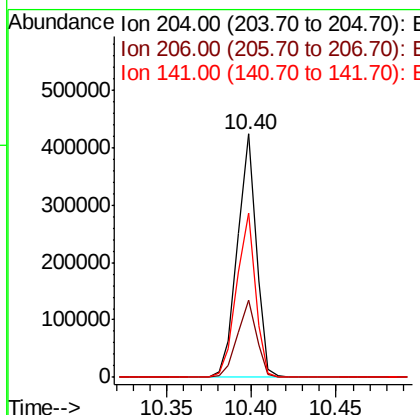
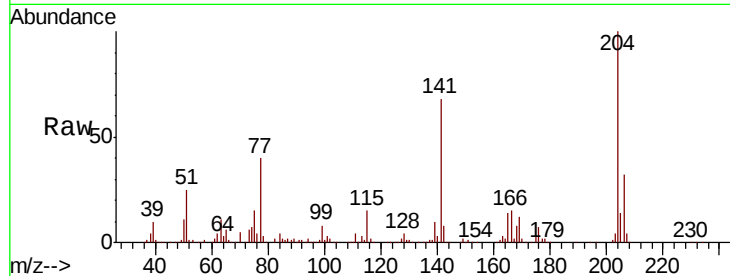
#61
4-Chlorophenyl-phenylether
Concen: 46.426 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.5	39.7
141	67.6	45.9	68.9

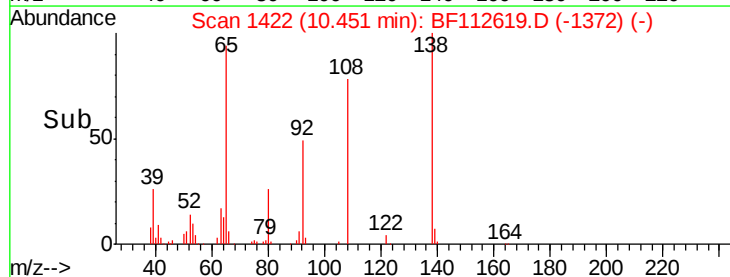
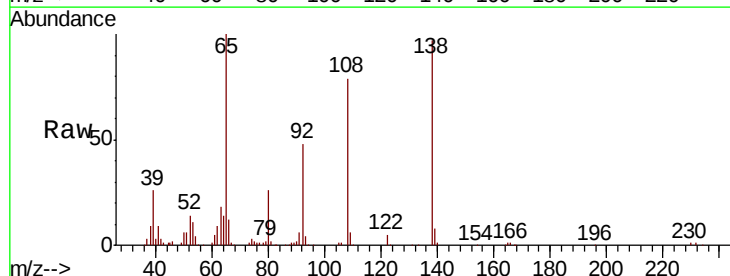
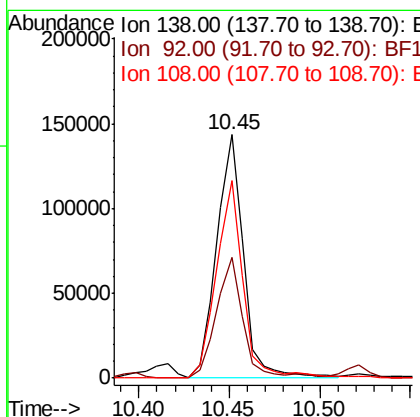
Manual Integrations
APPROVED

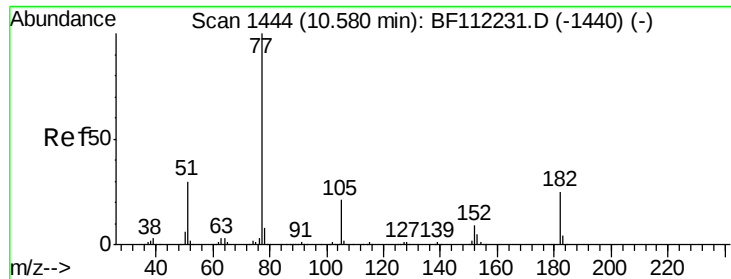
Sohil
2/20/2019 11:12:43 AM



#62
4-Nitroaniline
Concen: 41.055 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.6	70.6
108	81.3	50.0	90.0





#63

Azobenzene

Concen: 49.165 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

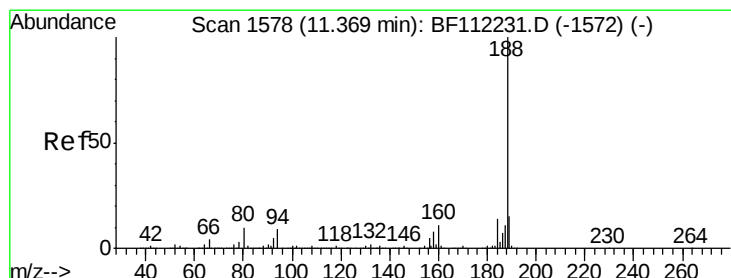
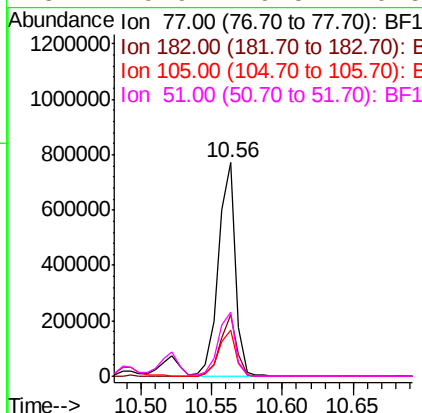
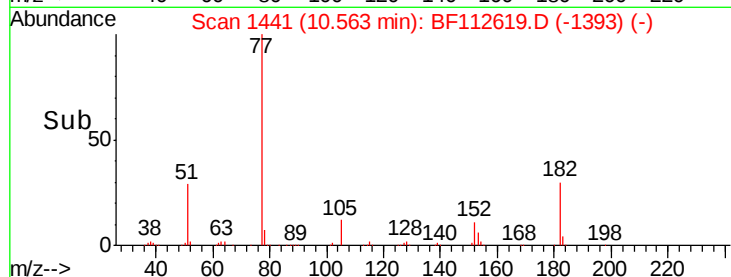
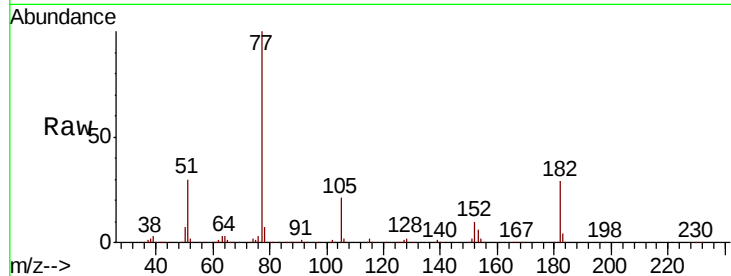
ClientSampled :

TS-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	5.7	45.7
105	21.4	1.4	41.4
51	29.9	9.5	49.5

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

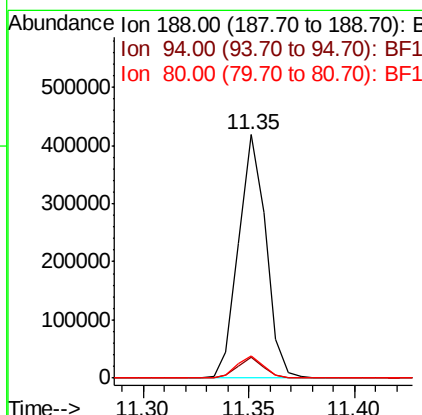
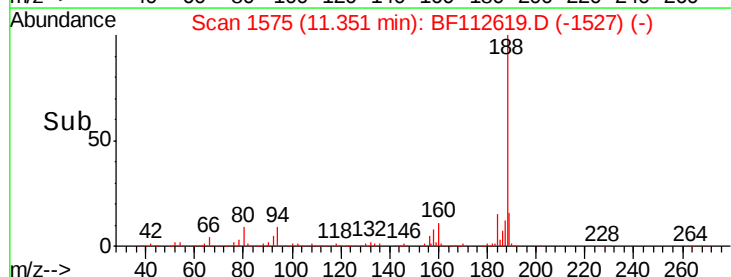
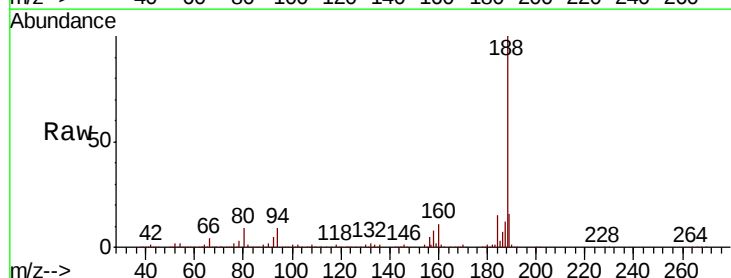
RT: 11.35 min Scan# 1575

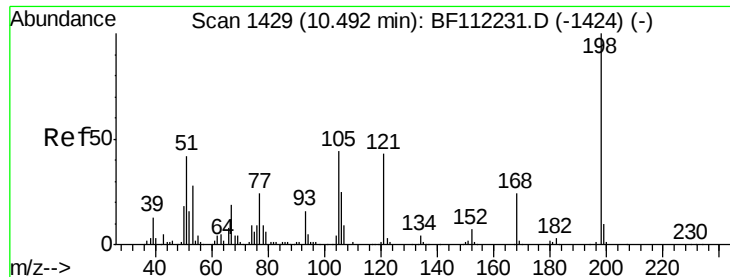
Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.4	8.9	13.3





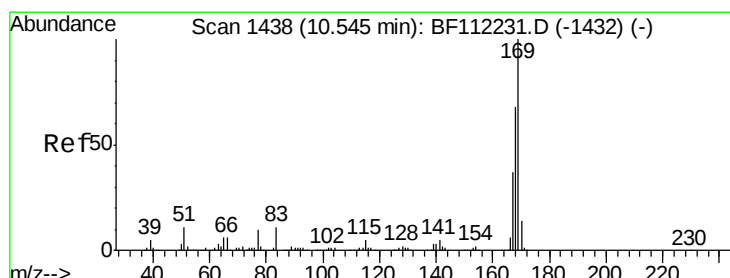
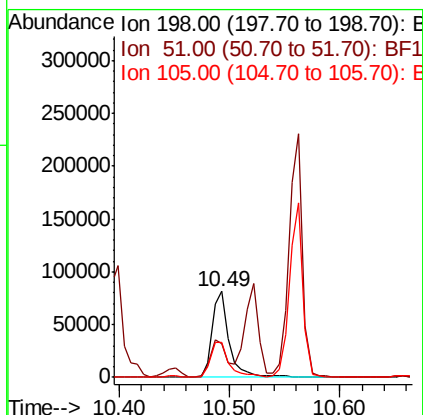
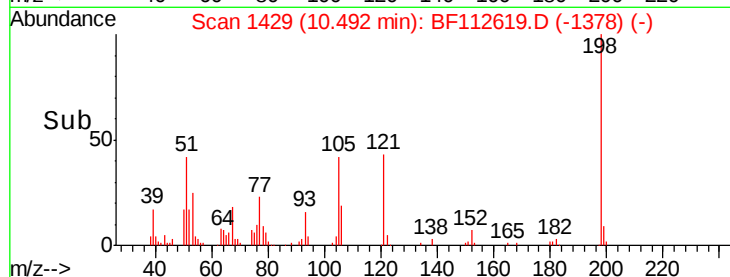
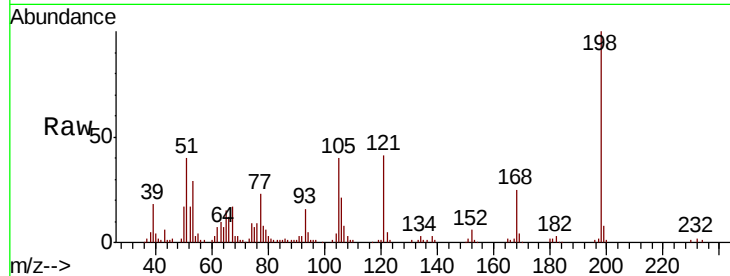
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.859 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	86216		
51	40.1		17.2	57.2
105	40.2		21.9	61.9

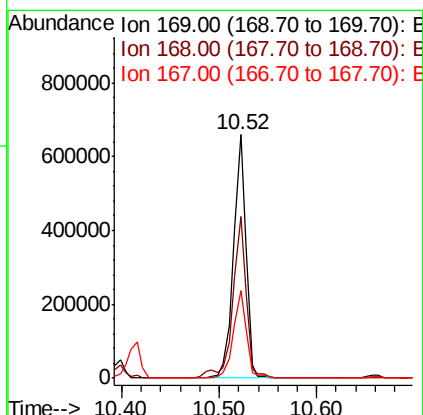
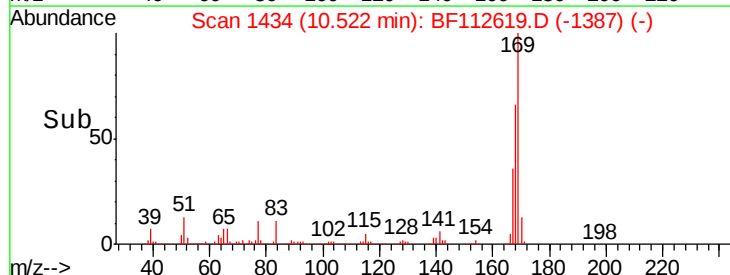
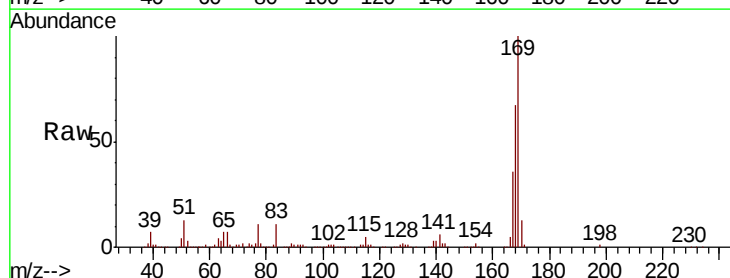
Manual Integrations
 APPROVED

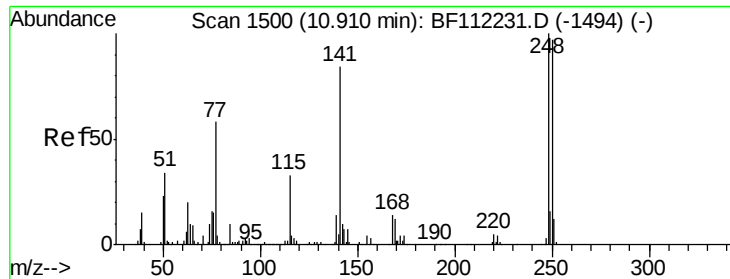
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#66
 n-Nitrosodiphenylamine
 Concen: 46.358 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	588011		
168	66.6		53.9	80.9
167	35.7		28.9	43.3





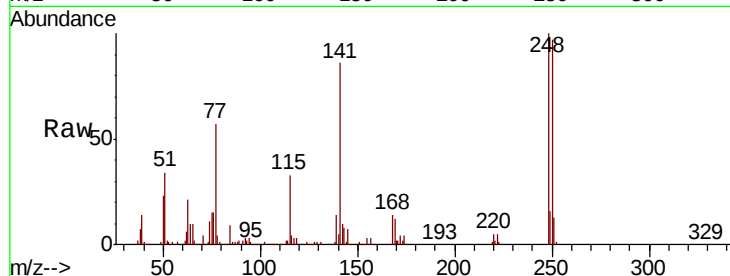
#67
4-Bromophenyl-phenylether
Concen: 45.106 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.7	119.5
141	86.5	60.3	90.5

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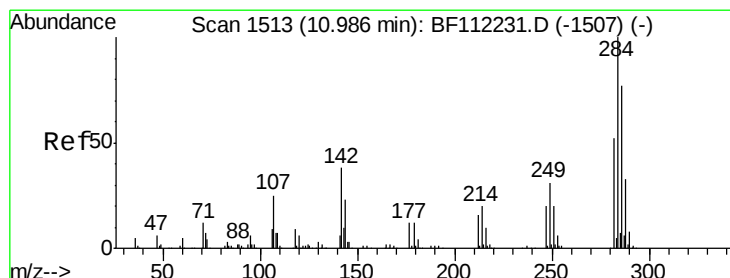
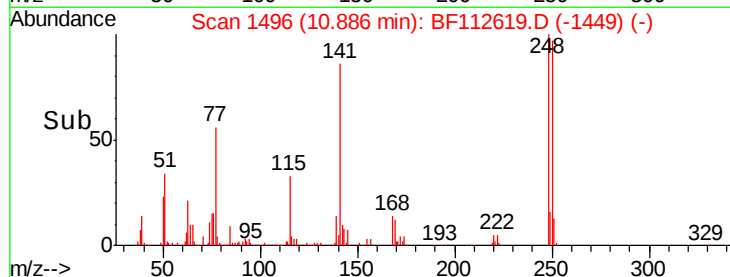
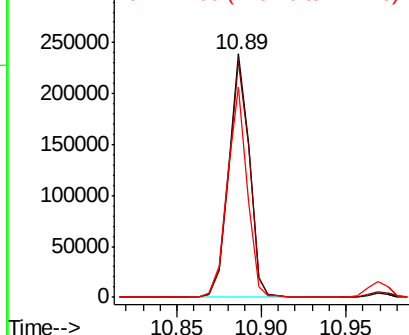


Abundance

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: 46.309 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

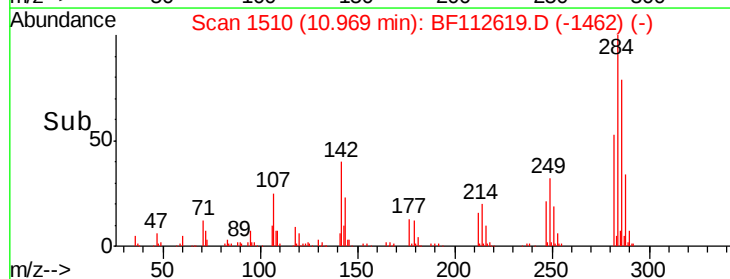
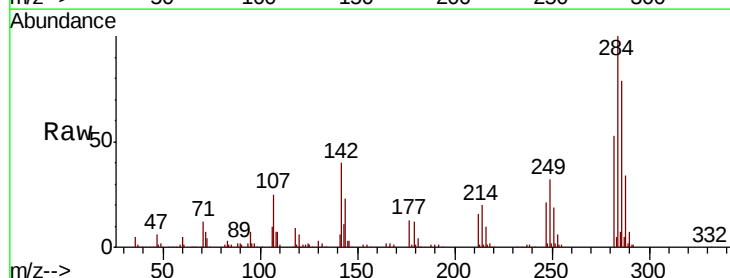
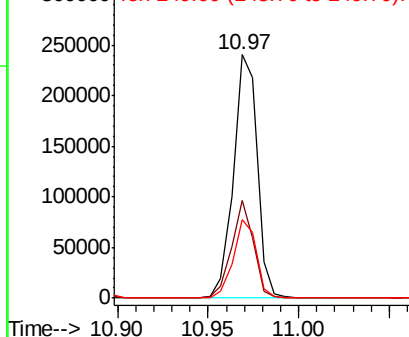
Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.9	27.6	41.4
249	32.2	24.1	36.1

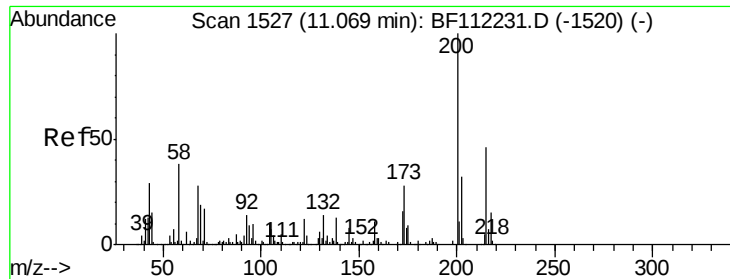
Abundance

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





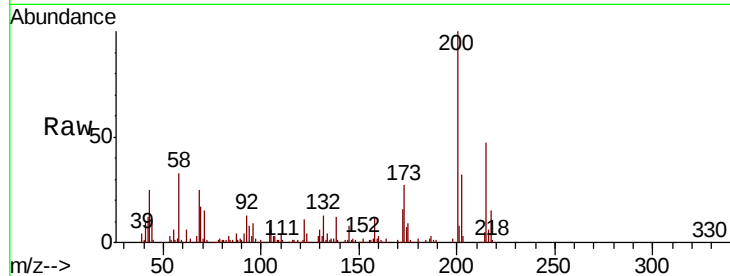
#69
Atrazine
Concen: 42.866 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.1	47.1
215	46.5	30.4	70.4

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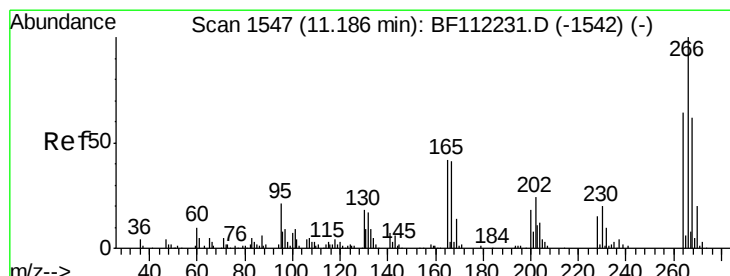
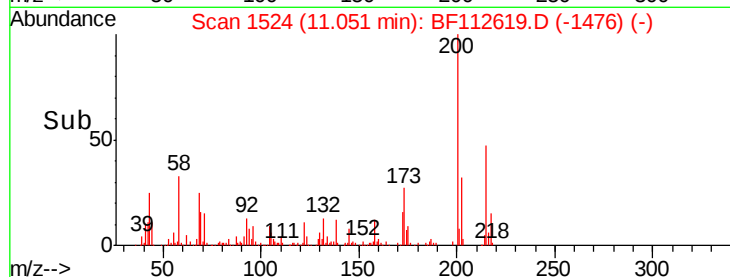
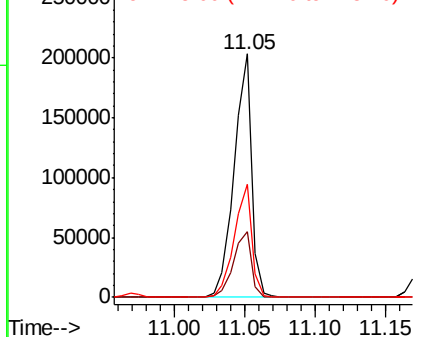


Abundance

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: 68.424 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

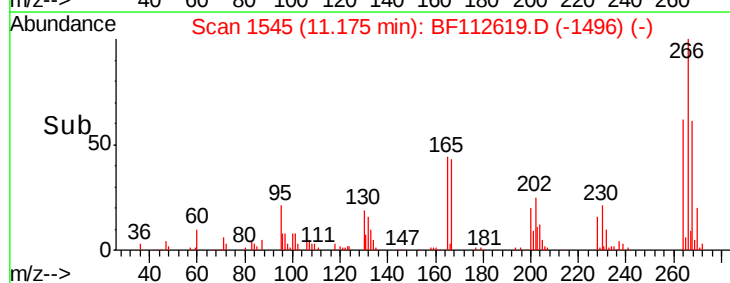
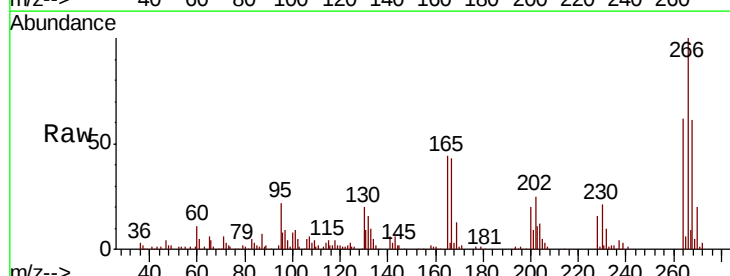
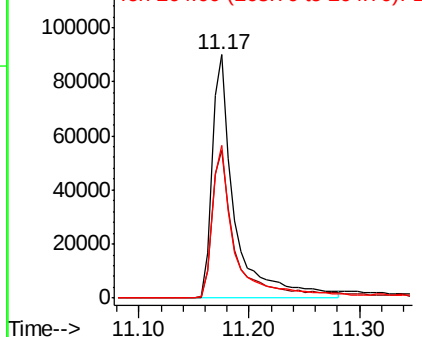
Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.2	76.8
264	62.5	50.9	76.3

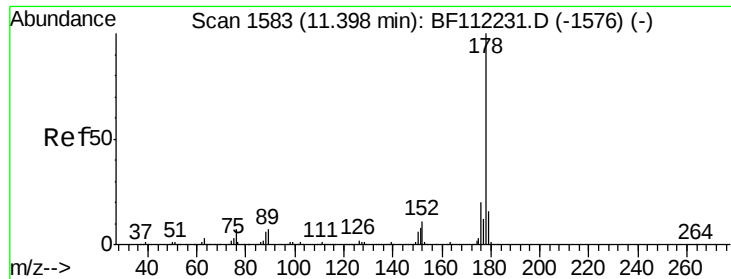
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





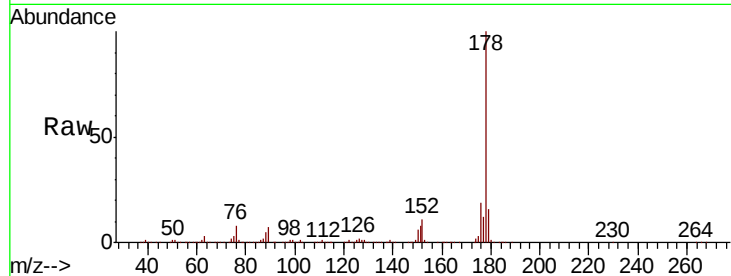
#71
Phenanthrene
Concen: 48.690 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.6	13.0	19.4

Manual Integrations
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2/20/2019 11:12:43 AM

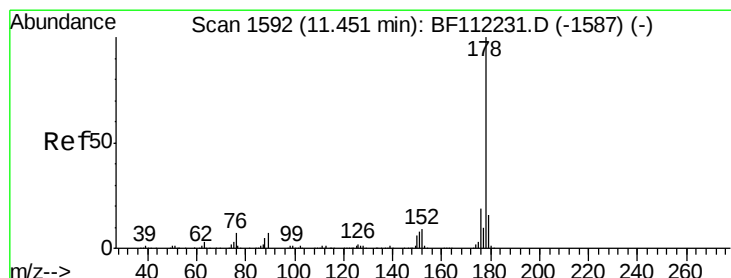
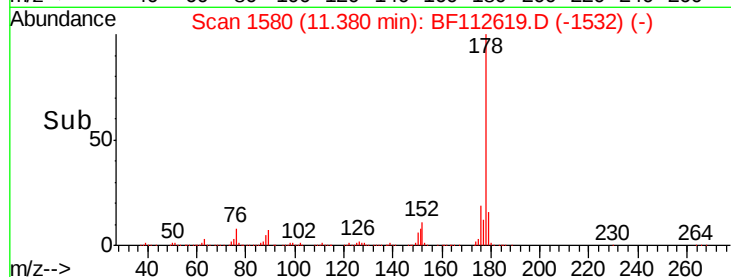
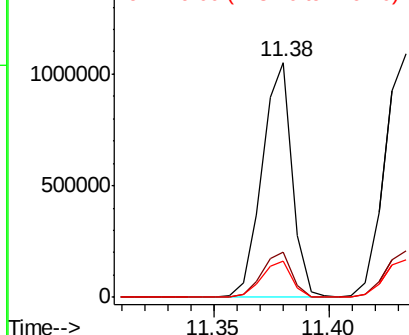


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 50.978 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

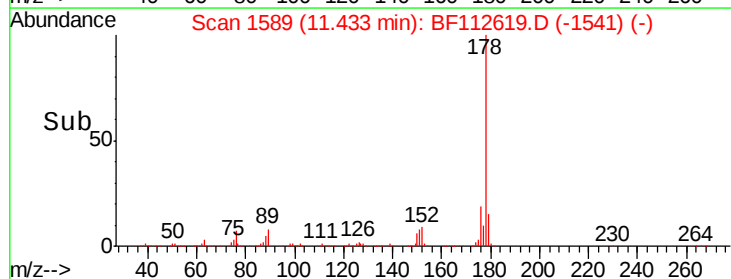
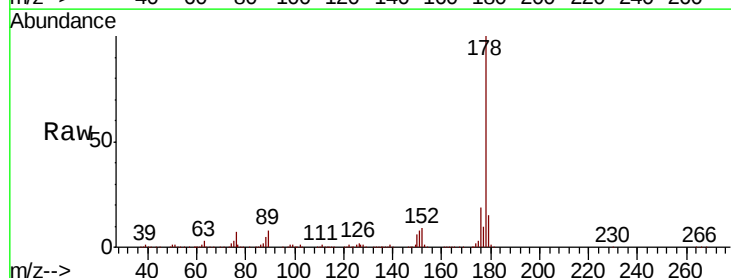
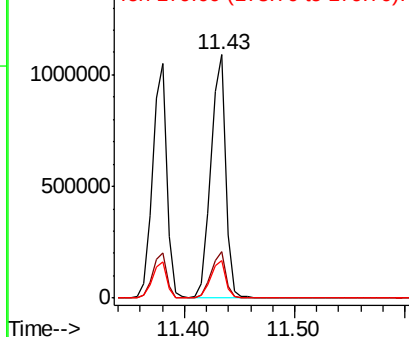
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.4	12.8	19.2

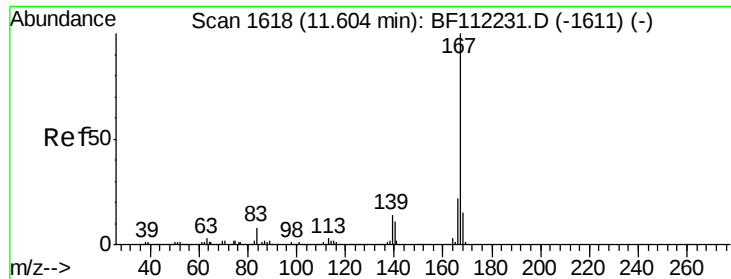
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.215 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

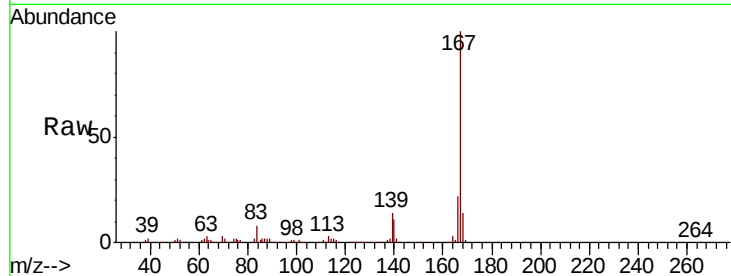
ClientSampled :

TS-1MS

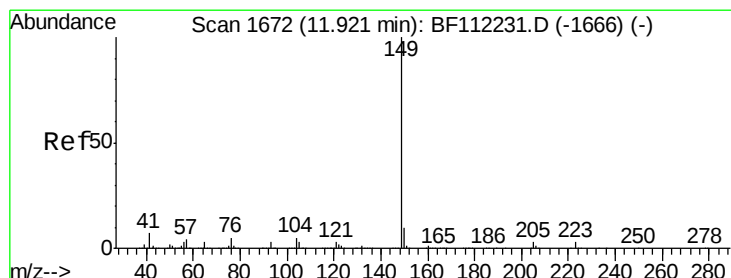
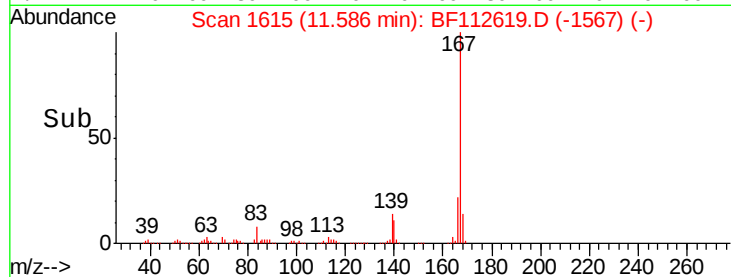
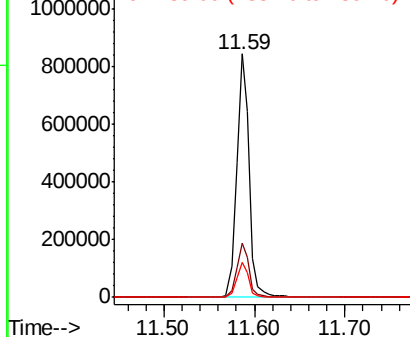
Tot Ion:	167	Resp:	811616
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.9	26.9
139	14.1	10.2	15.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 51.185 ng

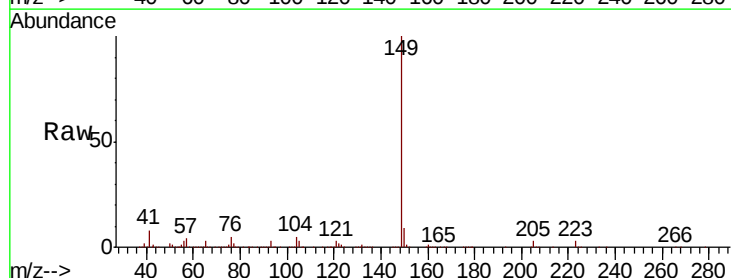
RT: 11.90 min Scan# 1668

Delta R.T. -0.02 min

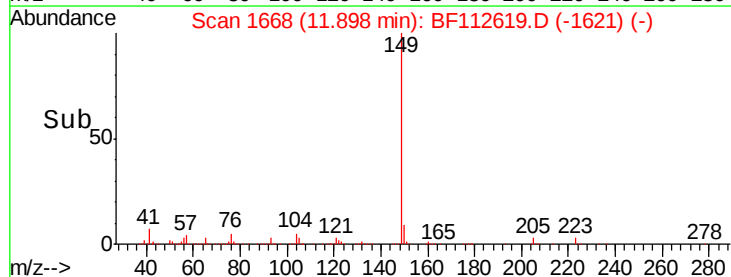
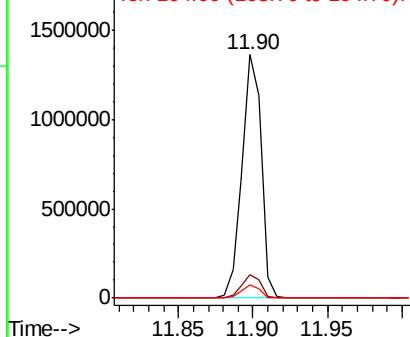
Lab File: BF112619.D

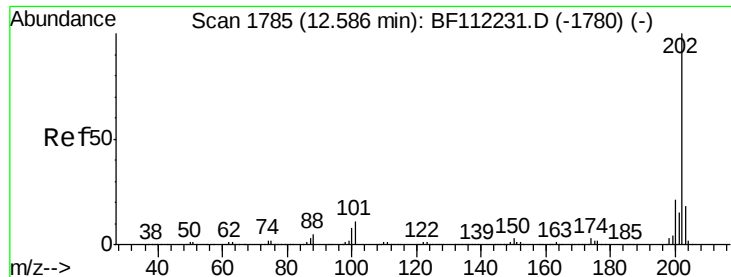
Acq: 19 Feb 2019 14:22

Tgt Ion:	149	Resp:	1221468
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	5.4	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





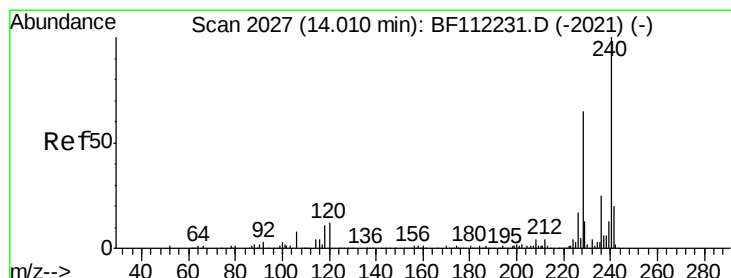
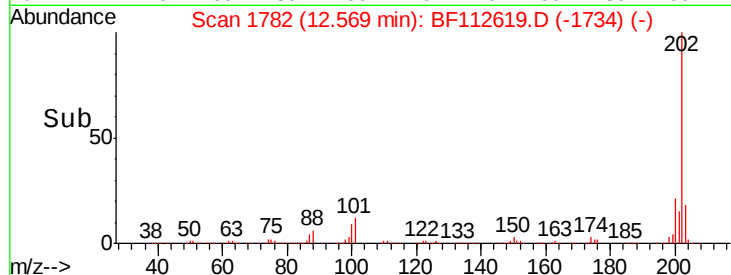
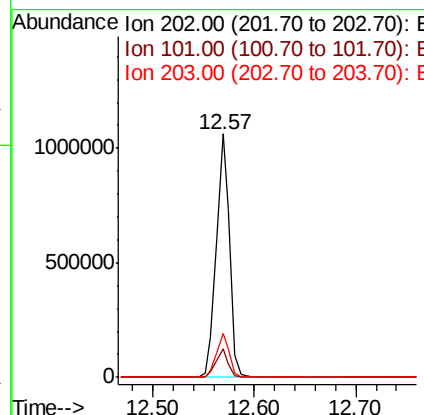
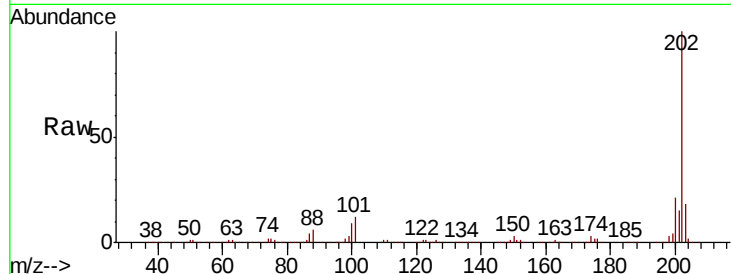
#75
 Fluoranthene
 Concen: 46.054 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampled :
 TS-1MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	31.8
203	17.8	0.0	38.4

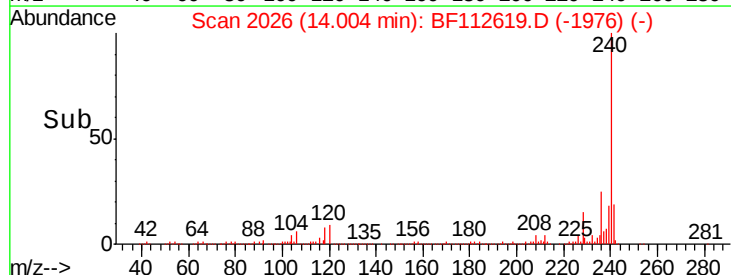
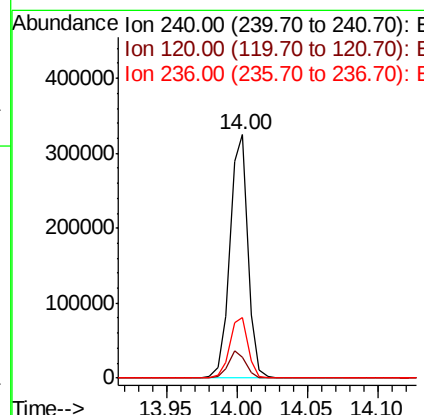
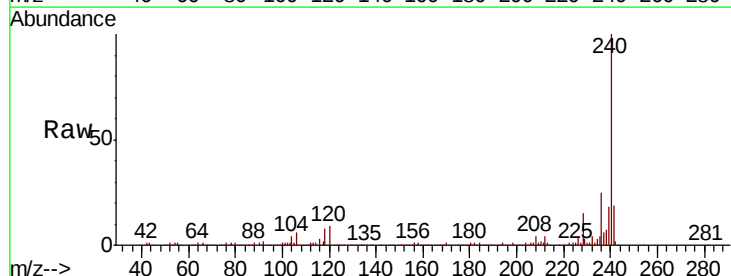
Manual Integrations
 APPROVED

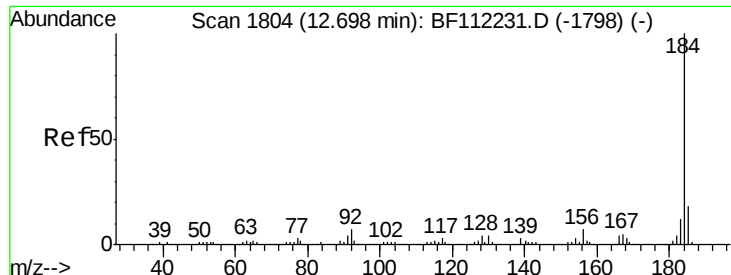
Sohil
 2/20/2019 11:12:43 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	9.0	13.6#
236	25.1	20.7	31.1





#77

Benzidine

Concen: 74.810 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

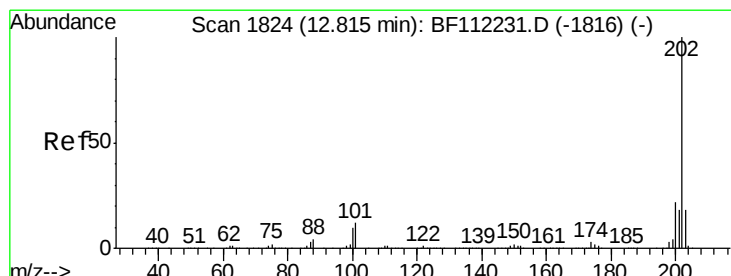
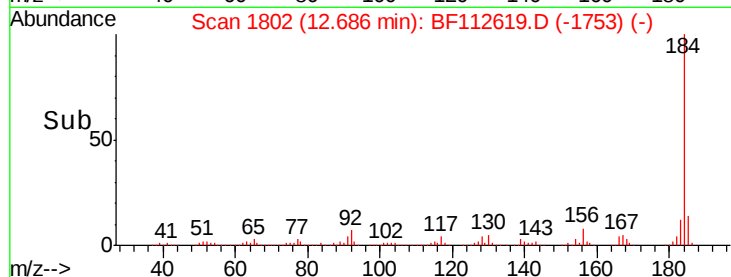
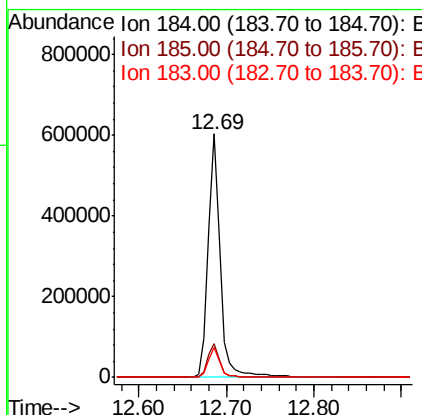
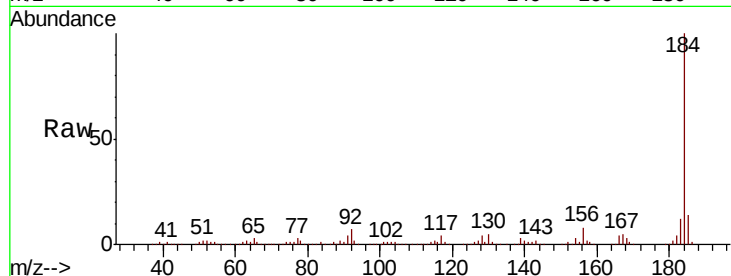
ClientSampleId :

TS-1MS

Tot Ion:	184	Resp:	589541
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.9	20.9
183	12.1	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 48.849 ng

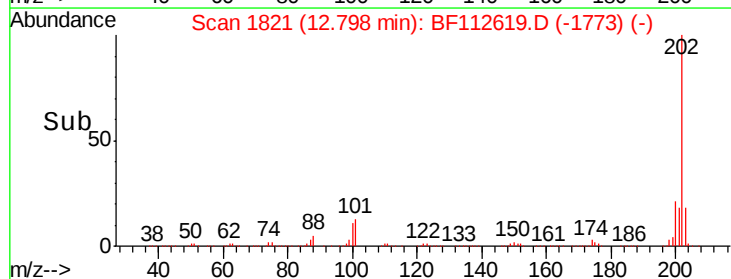
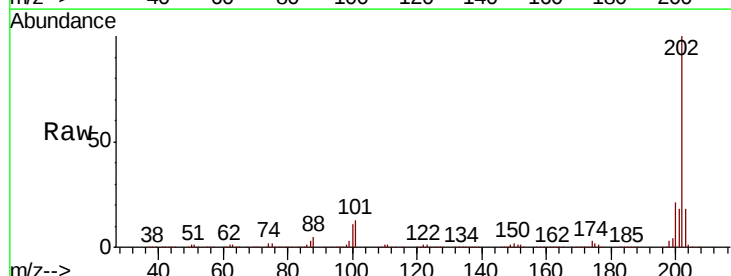
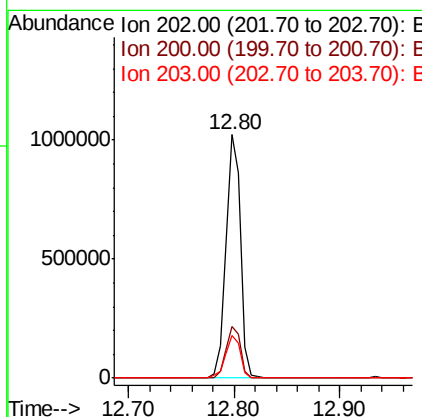
RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	202	Resp:	968335
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	17.6	14.6	22.0





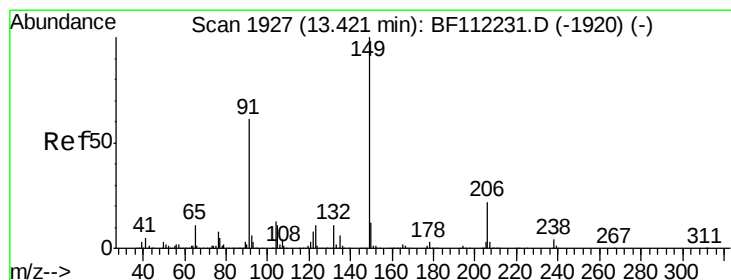
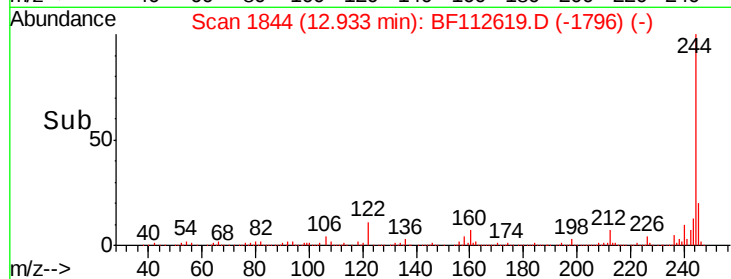
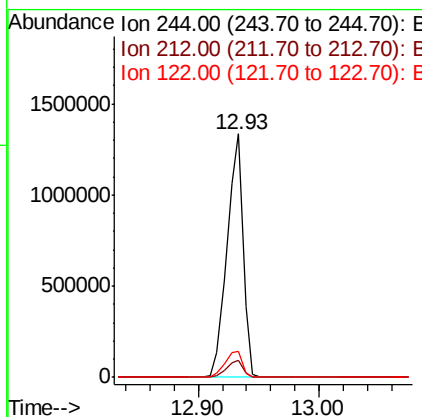
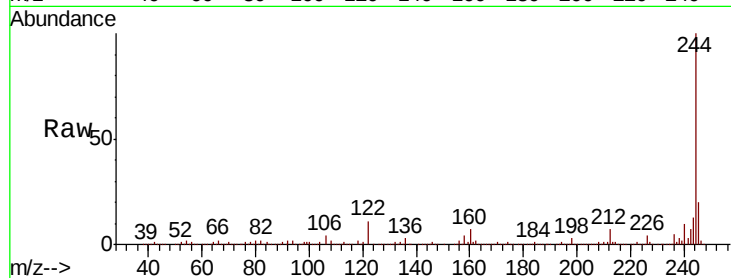
#79
 Terphenyl-d14
 Concen: 81.178 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.7	9.8	14.6

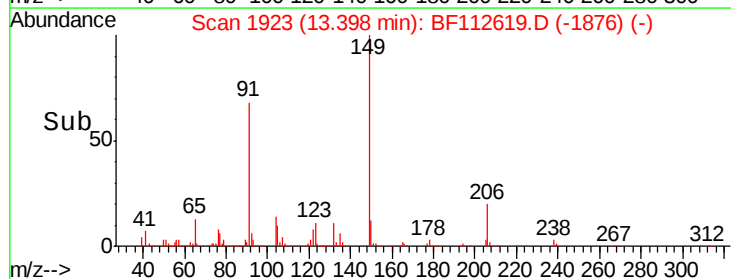
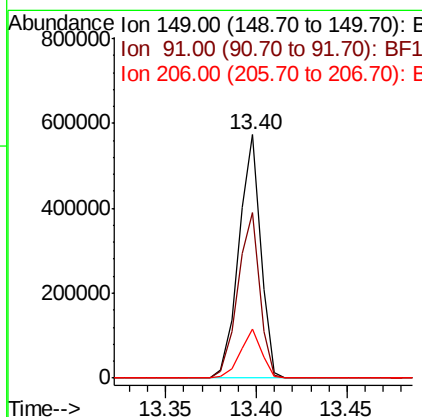
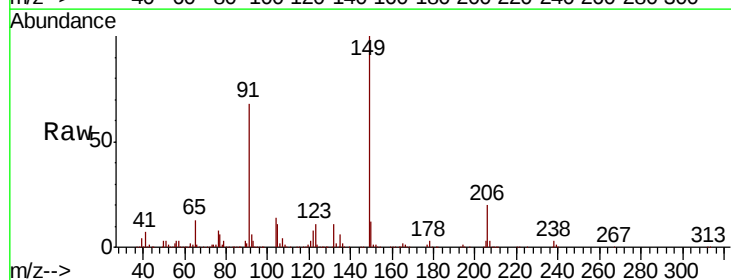
Manual Integrations
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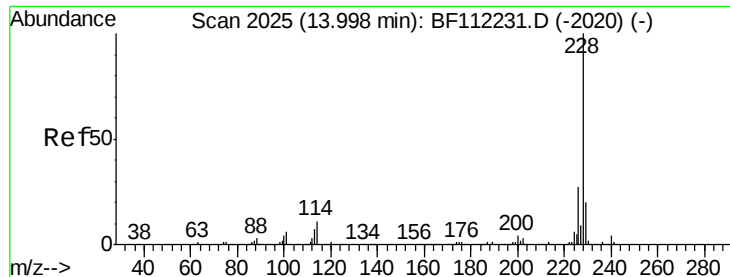
Sohil
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#80
 Butylbenzylphthalate
 Concen: 50.028 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BF112619.D
 Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	50.3	75.5
206	20.1	18.2	27.4





#81

Benzo(a)anthracene

Concen: 49.928 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

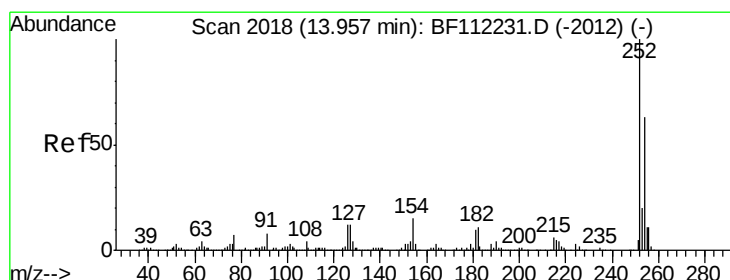
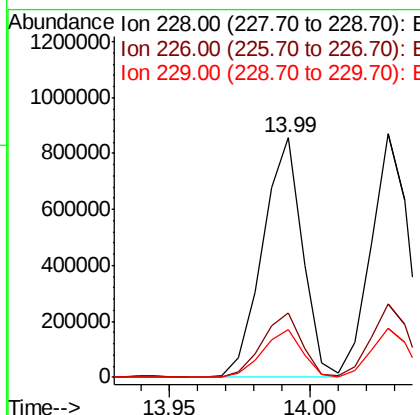
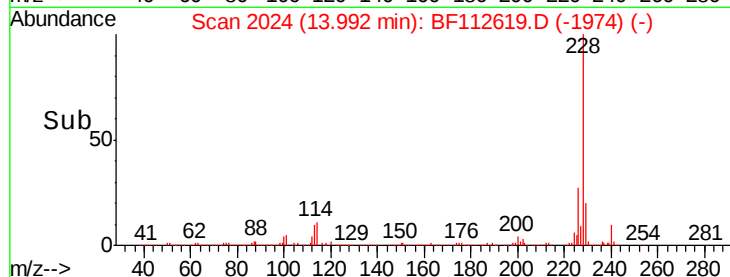
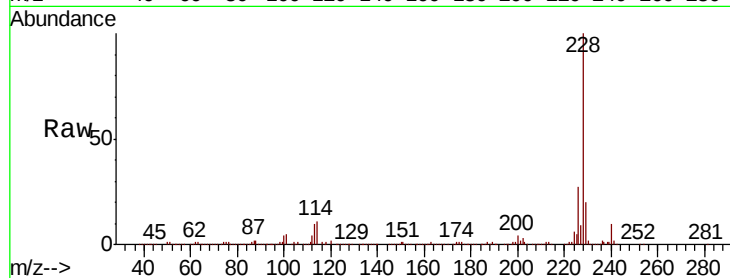
ClientSampled :

TS-1MS

Tot Ion:	228	Resp:	840364
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	34.0
229	19.8	16.5	24.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.508 ng

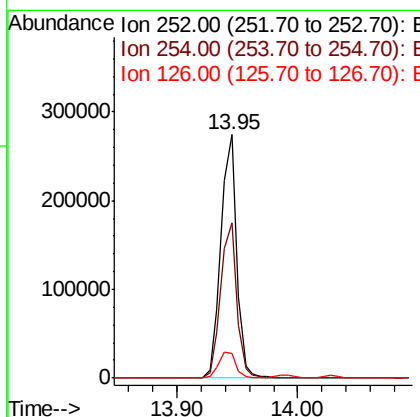
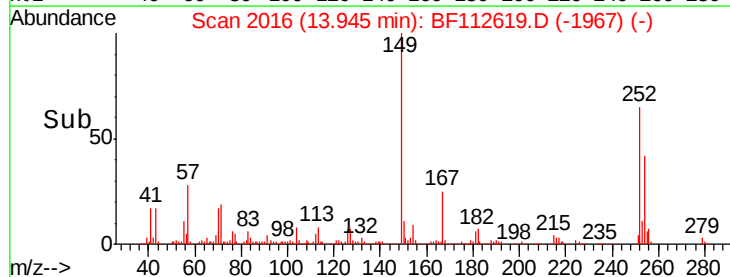
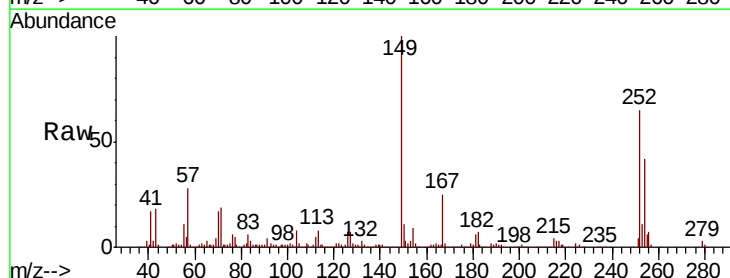
RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	252	Resp:	248866
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.6	77.4
126	10.3	8.6	12.8





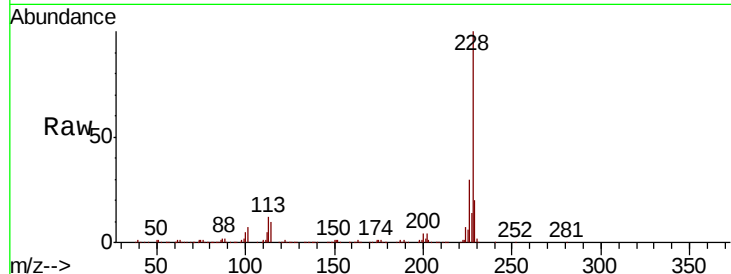
#83
Chrysene
Concen: 48.491 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.0	16.6	24.8

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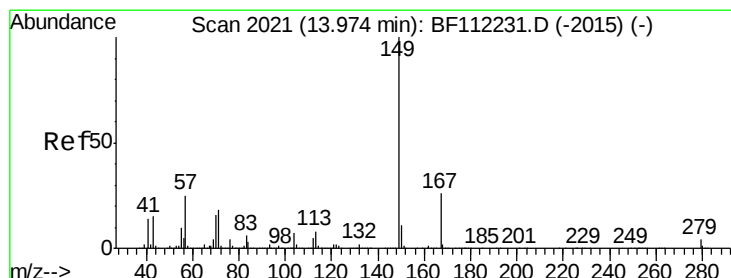
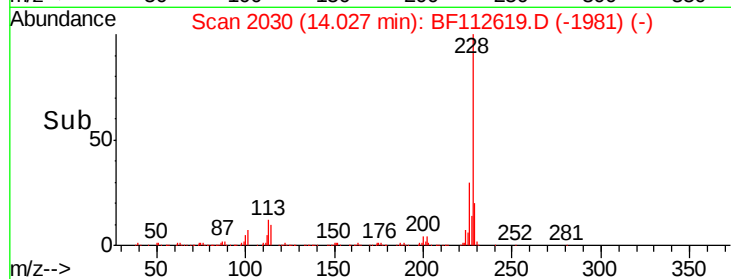
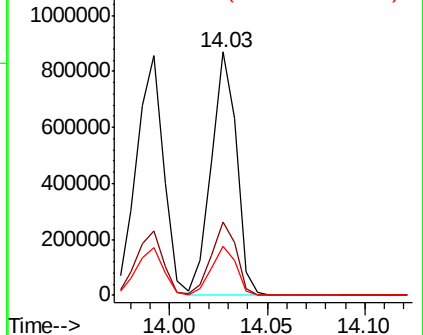


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.579 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

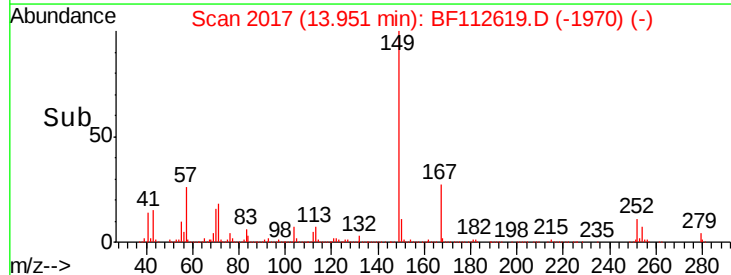
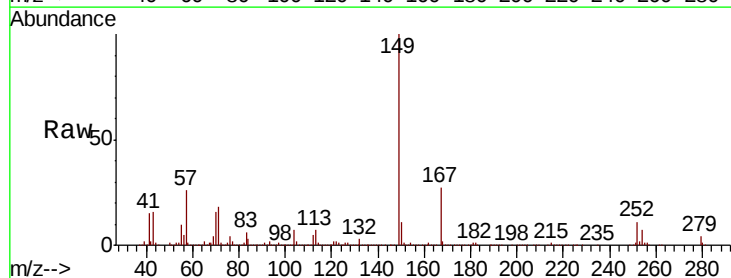
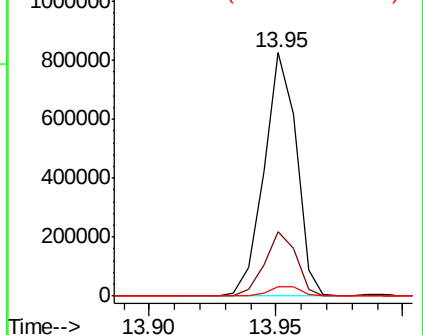
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.5	33.7
279	3.6	3.8	5.6#

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.487 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

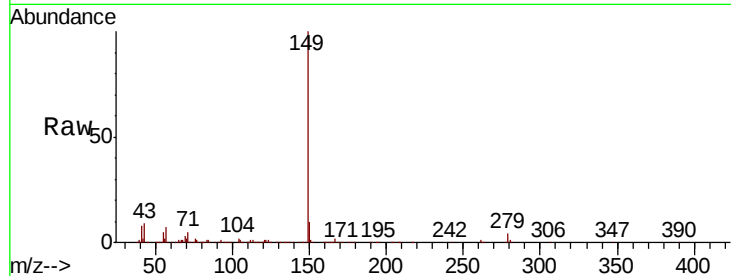
ClientSampleId :

TS-1MS

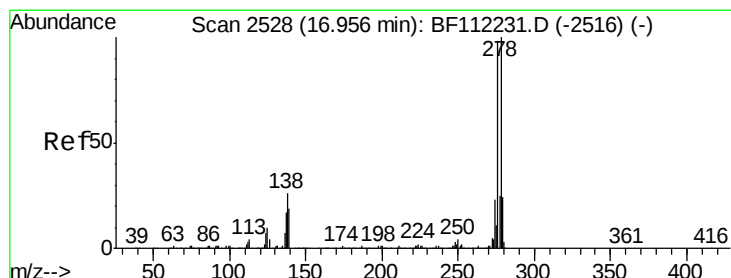
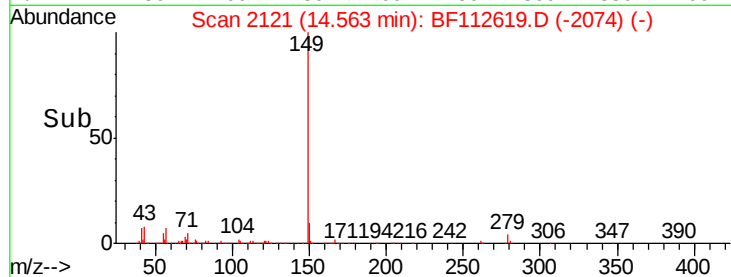
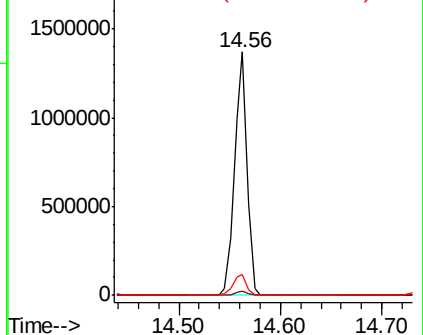
Tot Ion:	149	Resp:	1162206
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.8	11.6

Manual Integrations
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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: 64.777 ng

RT: 16.98 min Scan# 2532

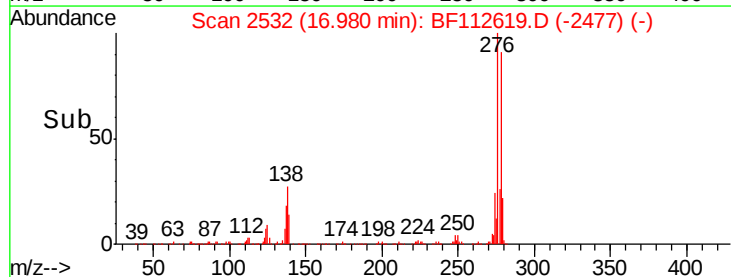
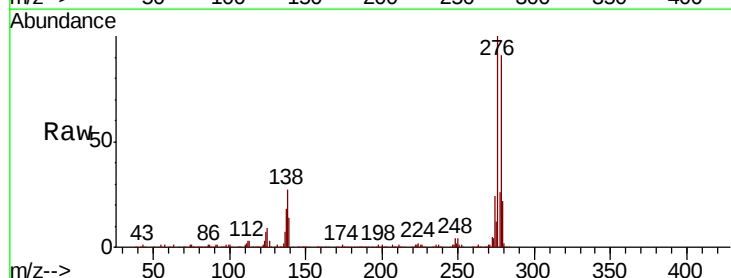
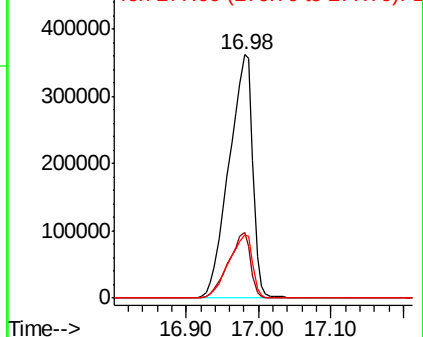
Delta R.T. 0.02 min

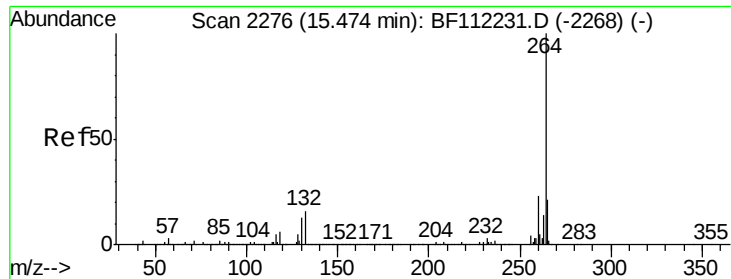
Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	276	Resp:	824654
Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.6	34.0
277	26.1	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Instrument :

BNA_F

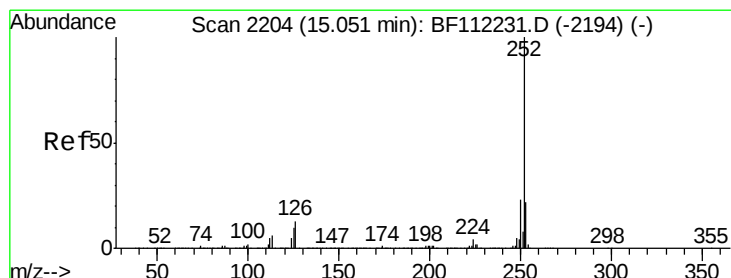
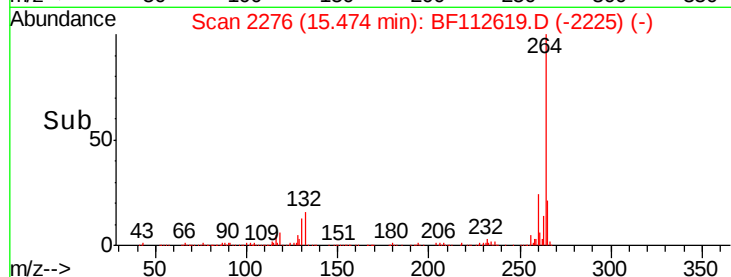
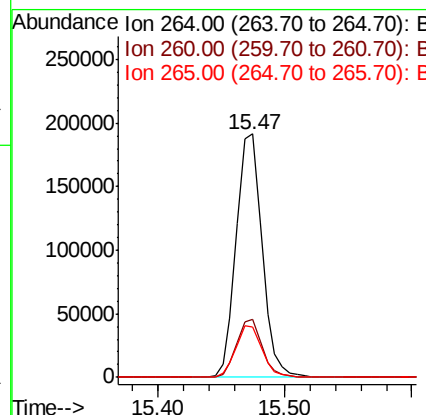
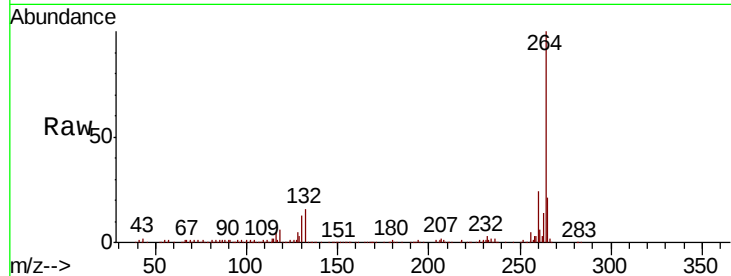
ClientSampled :

TS-1MS

Tot Ion:	264	Resp:	270623
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.2	27.2
265	20.9	17.0	25.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 48.337 ng

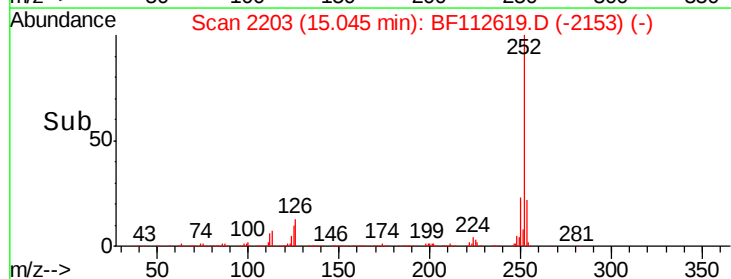
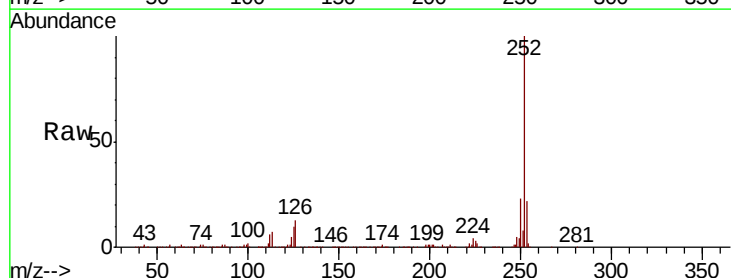
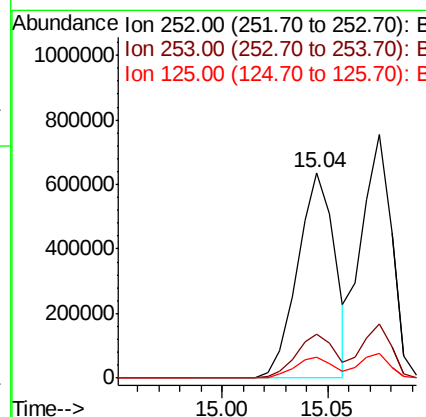
RT: 15.04 min Scan# 2203

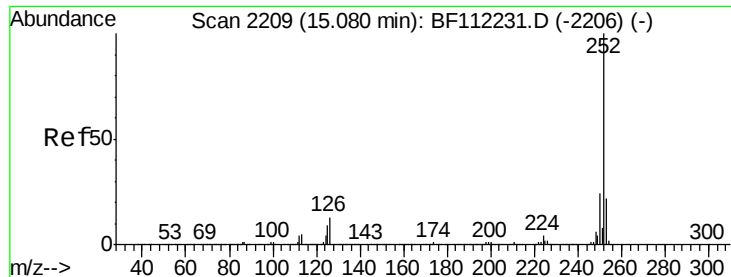
Delta R.T. -0.01 min

Lab File: BF112619.D

Acq: 19 Feb 2019 14:22

Tgt Ion:	252	Resp:	782314
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.0	27.0
125	10.3	8.7	13.1





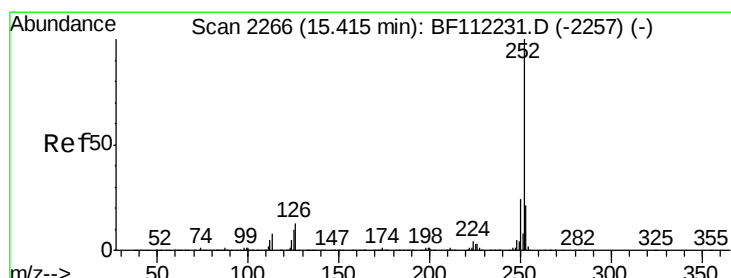
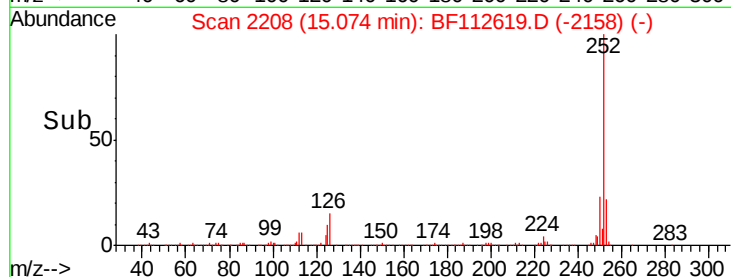
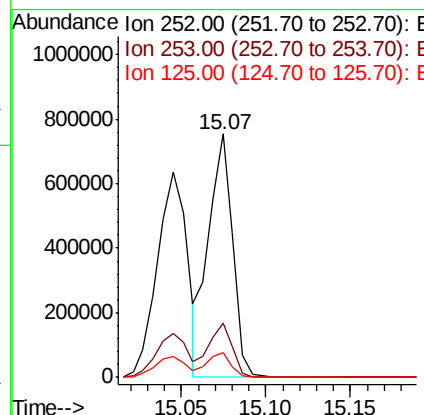
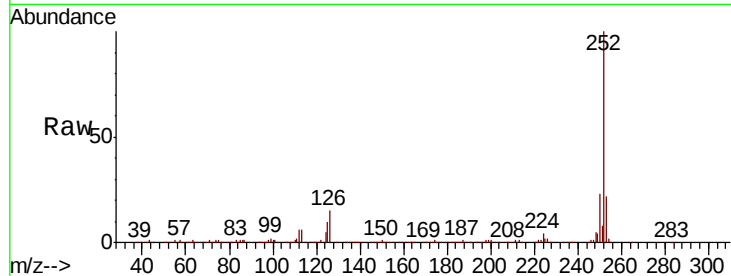
#89
Benzo(k)fluoranthene
Concen: 48.684 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampled :
TS-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.9	9.1	13.7

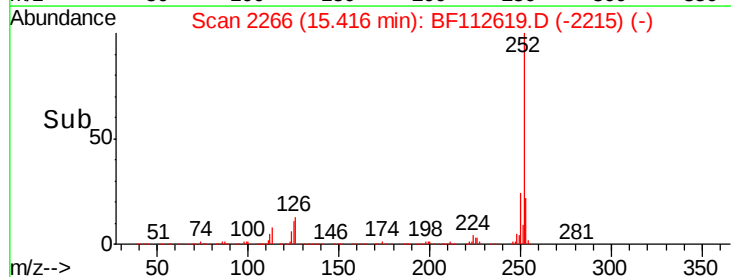
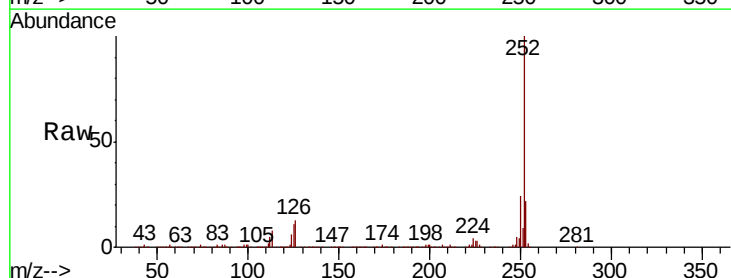
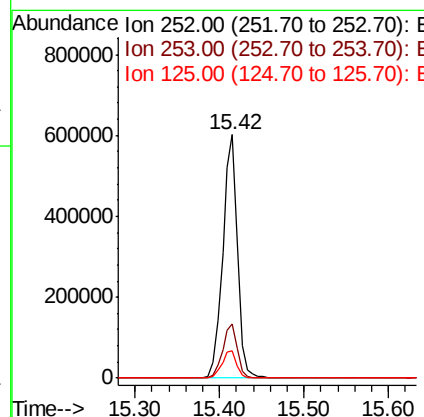
Manual Integrations
APPROVED

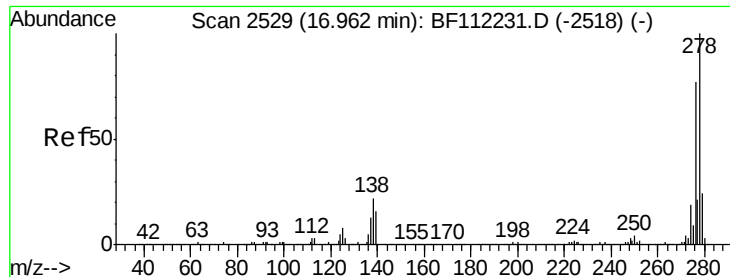
Sohil
2/20/2019 11:12:43 AM



#90
Benzo(a)pyrene
Concen: 50.646 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.0	9.0	13.4





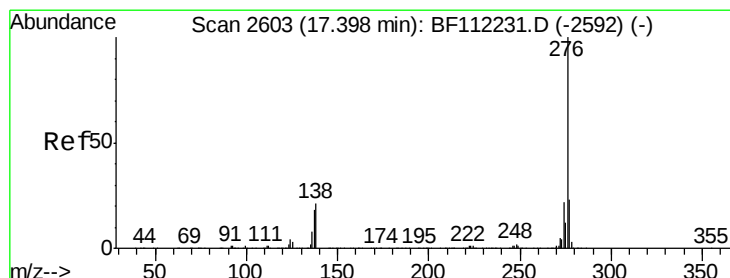
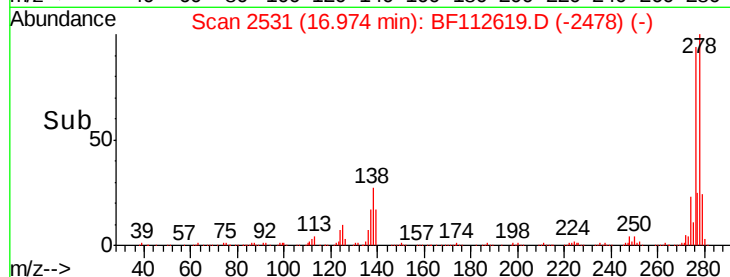
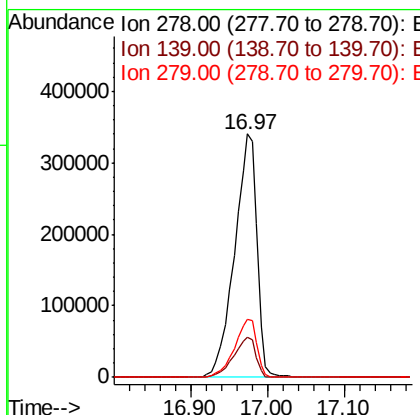
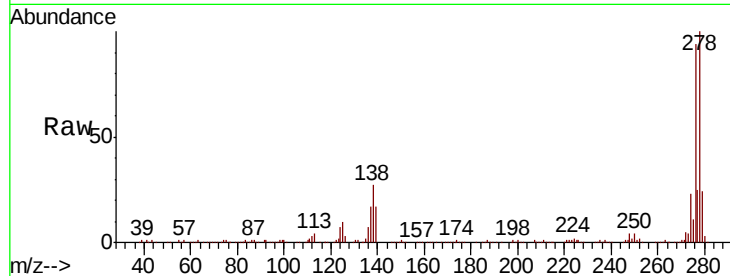
#91
Dibenzo(a,h)anthracene
Concen: 58.942 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Instrument :
BNA_F
ClientSampleId :
TS-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.7	20.5
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/20/2019 11:12:43 AM



#92
Benzo(g,h,i)perylene
Concen: 60.655 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF112619.D
Acq: 19 Feb 2019 14:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.4	29.0
138	20.2	19.1	28.7

