Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024050.D
Acq On : 12 Dec 2019 10:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 13 00:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	393081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1722388	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1129772	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2476054	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2286205	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2122888	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	79823	9.04	ng/uL	0.00
5) Phenol-d5	6.66	99	691618	20.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	420944	21.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	533715	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	542591	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	252793	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	282096	18.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	556249	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	679102	21.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1688724	19.24	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1982233	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	288084	19.52	ng/ul	0.00
58) Fluorene-d10	15.13	176	1447369	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	273652	17.61	ng/ul	0.00
71) Anthracene-d10	16.99	188	2269276	19.19	ng/ul	0.00
79) Pyrene-d10	19.29	212	2467593	20.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2144648	19.11	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	80745	8.522	ng/uL	97
4) Benzaldehyde	6.63	77	266705	14.700	ng/ul	94
6) Phenol	6.69	94	742611	20.954	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.92	93	582278	21.131	ng/ul	98
10) 2-Chlorophenol	7.04	128	577216	21.185	ng/ul	99
11) 2-Methylphenol	7.93	108	547276	20.701	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.01	45	662706	22.149	ng/ul	98
14) Acetophenone	8.30	105	888474	21.380	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	495896	22.319	ng/ul	99
16) 4-Methylphenol	8.26	108	599787	20.847	ng/ul	99
17) Hexachloroethane	8.53	117	237398	21.123	ng/ul	99
20) Nitrobenzene	8.67	77	702916	21.644	ng/ul	99
21) Isophorone	9.19	82	1303064	21.136	ng/ul	99
23) 2-Nitrophenol	9.37	139	322442	20.058	ng/ul	98
24) 2,4-Dimethylphenol	9.45	107	662823	20.434	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.68	93	809576	20.930	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	561960	20.324	ng/ul	99
28) Naphthalene	10.29	128	1860061	20.484	ng/ul	99
30) 4-Chloroaniline	10.42	127	731671	22.517	ng/ul	98
31) Hexachlorobutadiene	10.58	225	343712	19.687	ng/ul	97
32) Caprolactam	11.20	113	82754	9.912	ng/ul	93
33) 4-Chloro-3-methylphenol	11.56	107	628868	21.490	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	1372407	20.815	ng/ul	100

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024050.D
Acq On : 12 Dec 2019 10:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 13 00:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	1306310	20.180 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	673143	19.102 ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	217170	13.225 ng/ul	99
39) 2,4,6-Trichlorophenol	12.55	196	453074	19.737 ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	480842	19.703 ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1787067	19.577 ng/ul	99
42) 2-Chloronaphthalene	12.99	162	1376335	19.705 ng/ul	99
43) 2-Nitroaniline	13.21	65	402938	22.195 ng/ul	97
45) Dimethylphthalate	13.60	163	1746917	20.329 ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	352356	20.958 ng/ul	99
48) Acenaphthylene	13.85	152	2137852	20.549 ng/ul	99
49) 3-Nitroaniline	14.05	138	321147	20.426 ng/ul	97
50) Acenaphthene	14.20	153	1504849	20.360 ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	157005	17.519 ng/ul	98
53) 4-Nitrophenol	14.38	109	231731	21.309 ng/ul	96
54) Dibenzofuran	14.53	168	2138756	20.453 ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	536031	21.920 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.77	232	440631	20.497 ng/ul	98
57) Diethylphthalate	14.98	149	1828569	21.266 ng/ul	99
59) Fluorene	15.19	166	1767265	20.955 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.19	204	864554	20.348 ng/ul	99
61) 4-Nitroaniline	15.22	138	308161	17.375 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.29	198	308568	18.485 ng/ul#	98
65) N-Nitrosodiphenylamine	15.41	169	1547133	19.731 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	572864	18.977 ng/ul	99
67) Hexachlorobenzene	16.20	284	668590	19.109 ng/ul	97
68) Atrazine	16.37	200	541028	19.682 ng/ul	98
69) Pentachlorophenol	16.55	266	364732	18.396 ng/ul	99
70) Phenanthrene	16.93	178	2849280	20.370 ng/ul	99
72) Anthracene	17.02	178	2917730	20.545 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	674782	18.120 ng/uL	99
74) Pentachlorobenzene	14.46	250	732533	18.293 ng/uL	99
75) Carbazole	17.30	167	2594645	21.100 ng/ul	100
76) Di-n-butylphthalate	17.87	149	3175854	20.770 ng/ul	99
77) Fluoranthene	18.96	202	3288018	21.919 ng/ul	98
80) Pyrene	19.32	202	3392520	22.024 ng/ul	99
81) Butylbenzylphthalate	20.24	149	1484634	22.686 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	980109	16.955 ng/ul	100
83) Benzo(a)anthracene	21.08	228	3110505	20.355 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	2210339	22.725 ng/ul	100
85) Chrysene	21.13	228	2915610	20.318 ng/ul	99
87) Di-n-octyl phthalate	21.89	149	3415453	27.514 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	2813713	21.432 ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	2710505	21.749 ng/ul	99
91) Benzo(a)pyrene	23.14	252	2549248	20.537 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.35	276	2861570	18.565 ng/ul	99
93) Dibenzo(a,h)anthracene	25.36	278	2429041	18.762 ng/ul	99
94) Benzo(g,h,i)perylene	25.99	276	2377157	18.415 ng/ul	100

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024050.D
Acq On : 12 Dec 2019 10:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 13 00:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

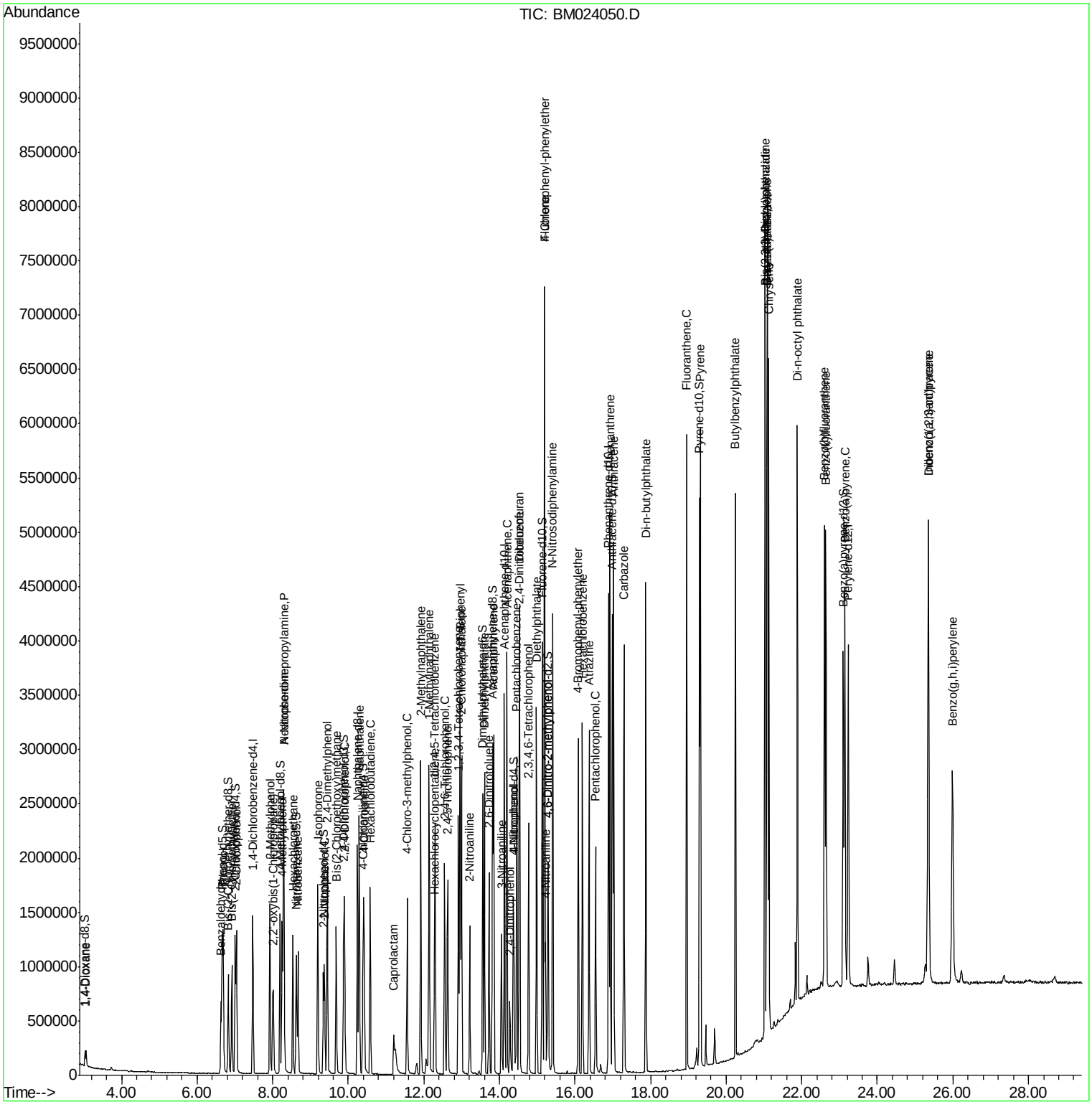
(#) = qualifier out of range (m) = manual integration (+) = signals summed

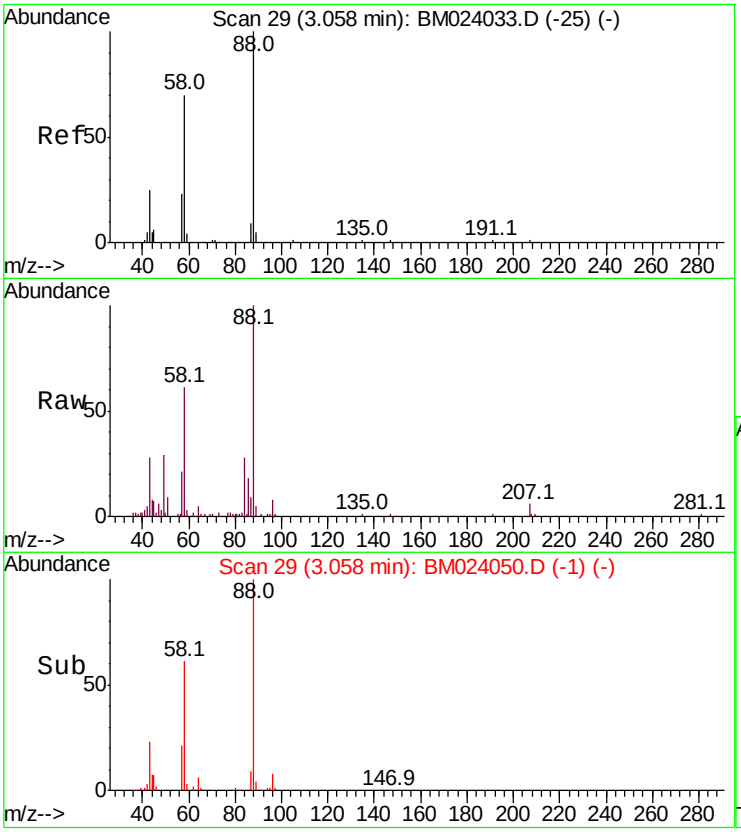
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024050.D
Acq On : 12 Dec 2019 10:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 13 00:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration



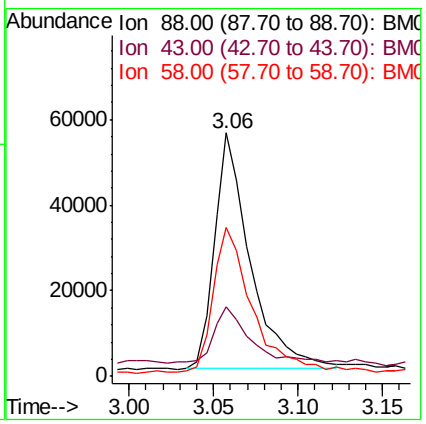


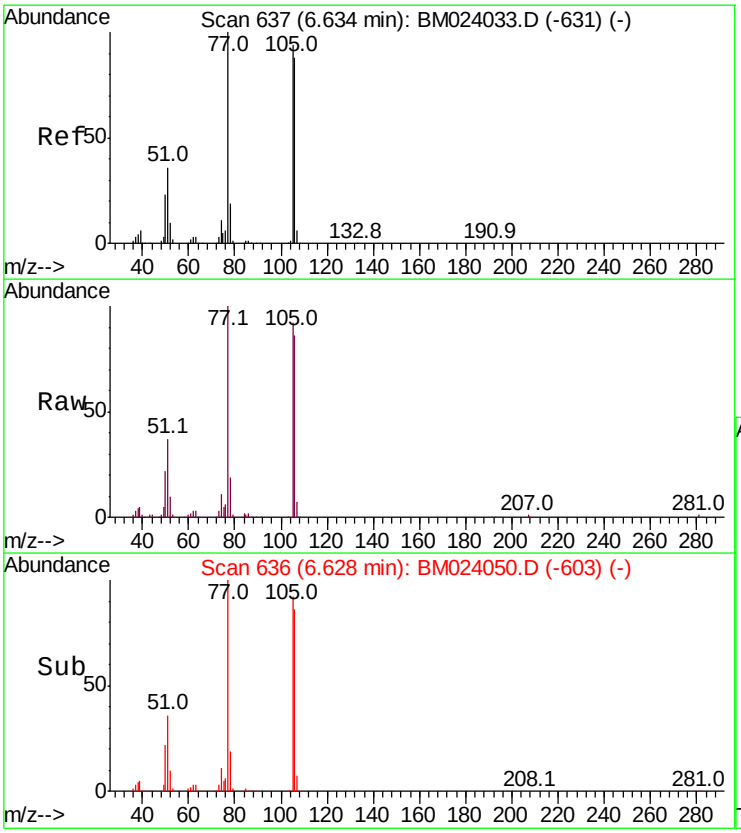
#2
1,4-Dioxane
Concen: 8.522 ng/uL
RT: 3.06 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 80745

Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.4	35.0
58	60.9	51.3	76.9

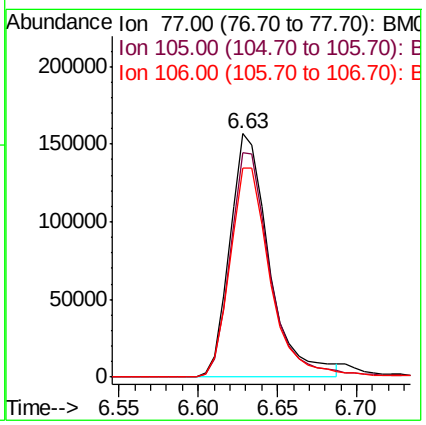


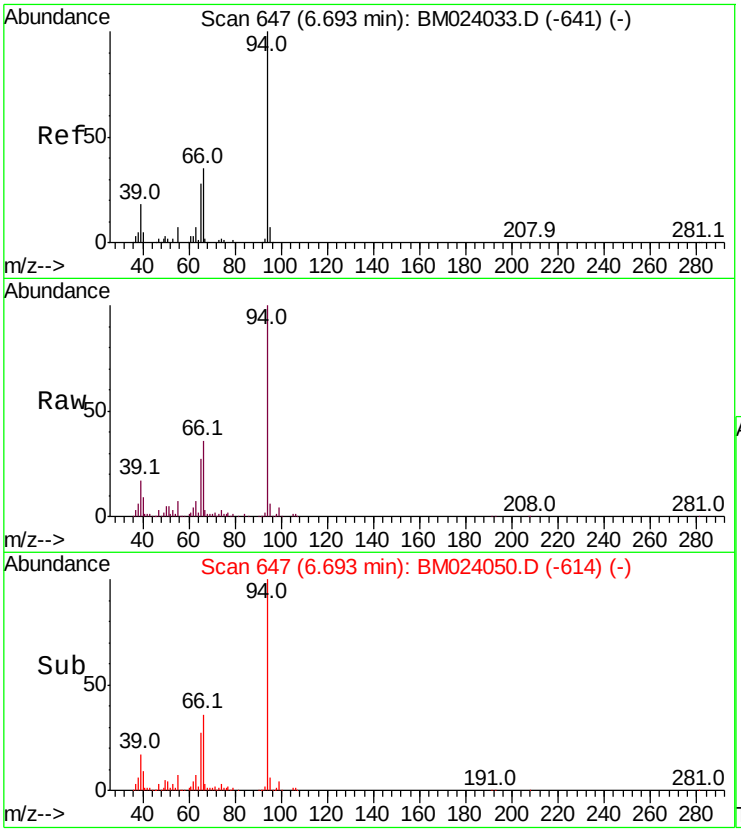


#4
Benzaldehyde
Concen: 14.700 ng/ul
RT: 6.63 min Scan# 636
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion: 77 Resp: 266705

Ion	Ratio	Lower	Upper
77	100		
105	92.0	78.1	117.1
106	86.0	73.8	110.6



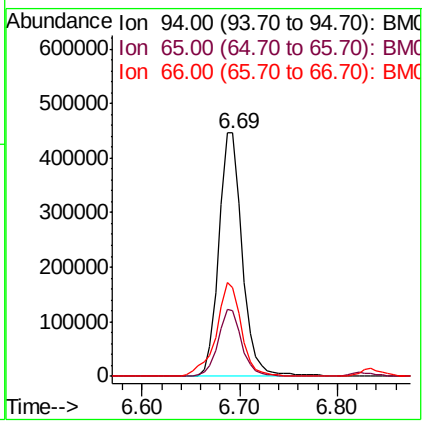


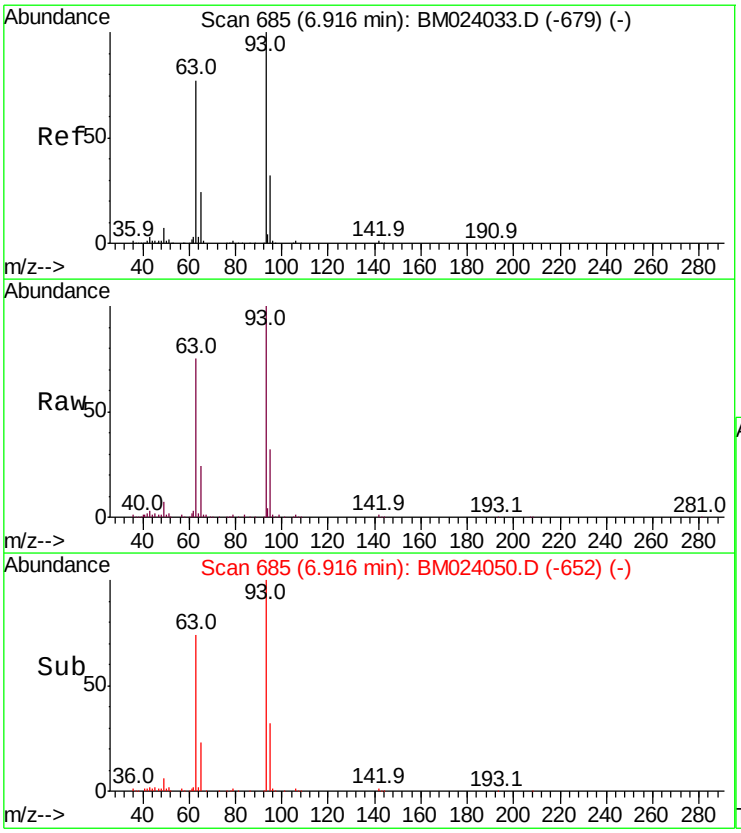
#6
Phenol
Concen: 20.954 ng/ul
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 742611

Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.7	32.5
66	36.3	28.8	43.2

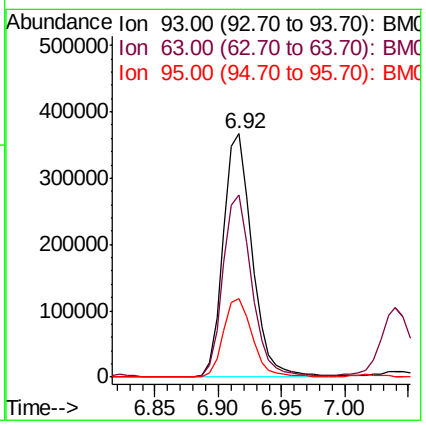


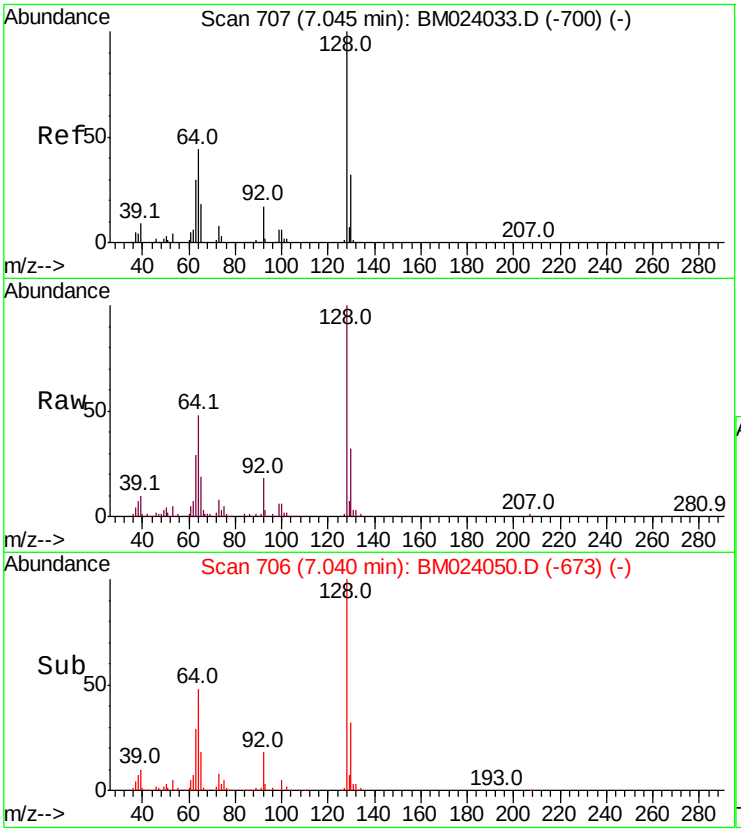


#8
Bis(2-Chloroethyl)ether
Concen: 21.131 ng/ul
RT: 6.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion: 93 Resp: 582278

Ion	Ratio	Lower	Upper
93	100		
63	74.7	57.9	86.9
95	32.4	25.9	38.9



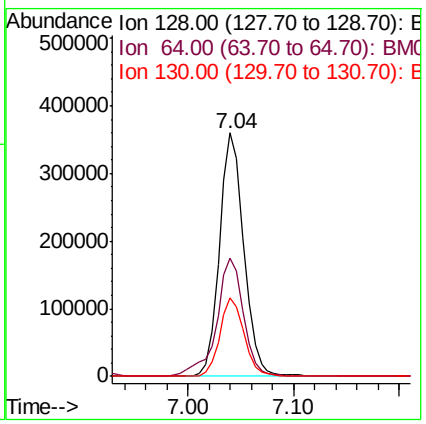


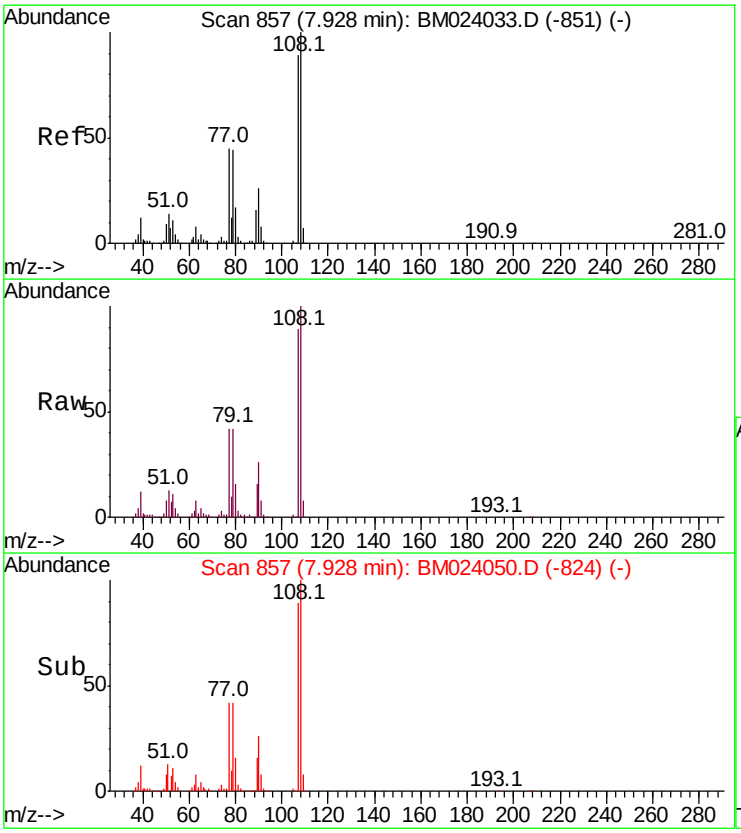
#10
2-Chlorophenol
Concen: 21.185 ng/ul
RT: 7.04 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 577216

Ion	Ratio	Lower	Upper
128	100		
64	48.4	38.2	57.4
130	32.2	25.9	38.9

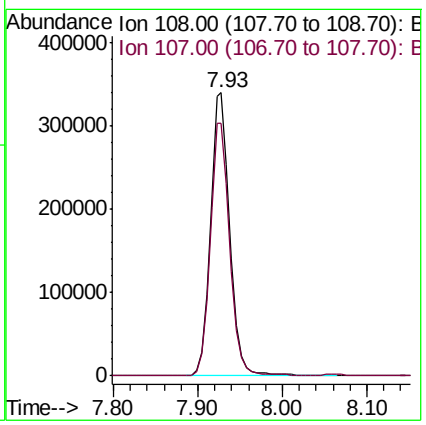


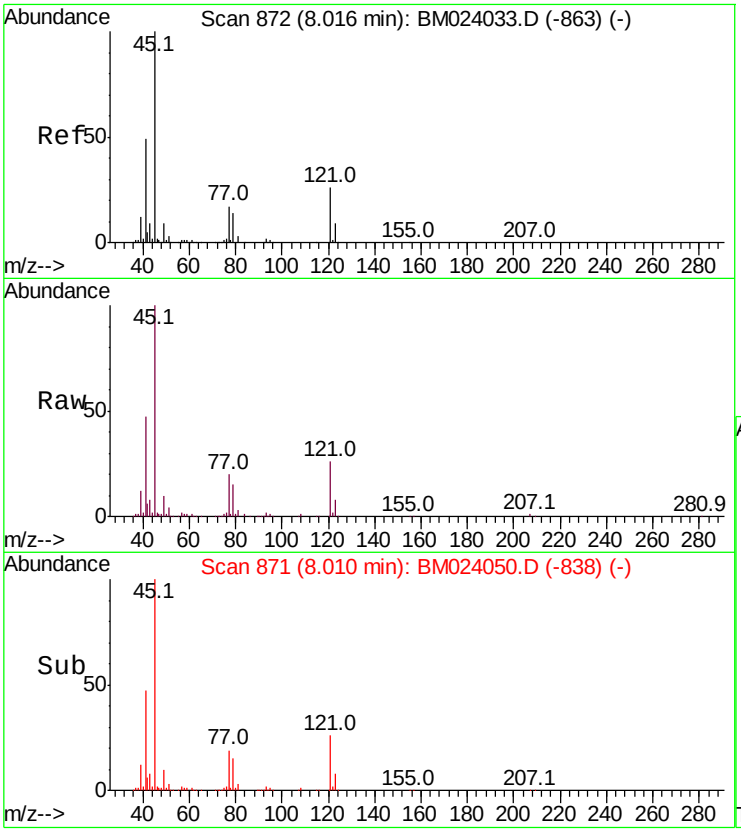


#11
2-Methylphenol
Concen: 20.701 ng/ul
RT: 7.93 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:108 Resp: 547276

Ion	Ratio	Lower	Upper
108	100		
107	89.2	72.5	108.7



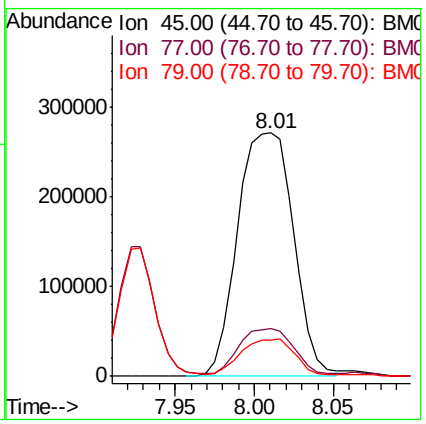


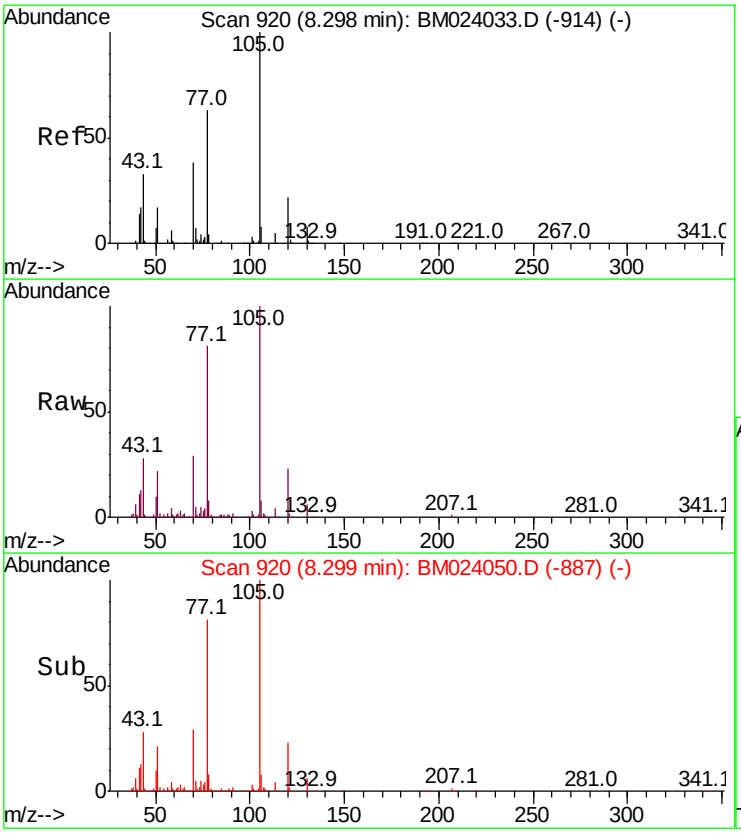
#12
2,2'-oxybis(1-Chloropropane)
Concen: 22.149 ng/ul
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 45 Resp: 662706

Ion	Ratio	Lower	Upper
45	100		
77	19.6	15.0	22.6
79	15.1	11.6	17.4

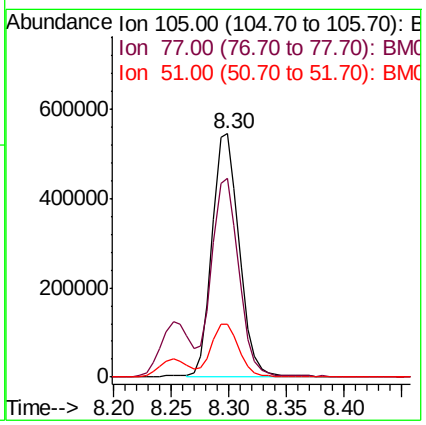


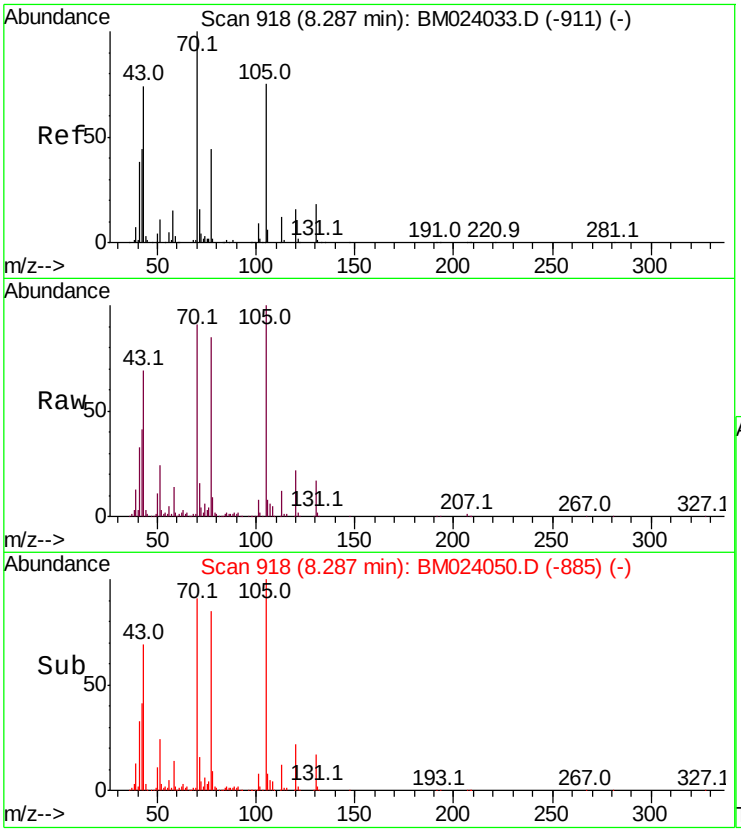


#14
Acetophenone
Concen: 21.380 ng/ul
RT: 8.30 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:105 Resp: 888474

Ion	Ratio	Lower	Upper
105	100		
77	81.4	64.1	96.1
51	21.6	16.6	24.8



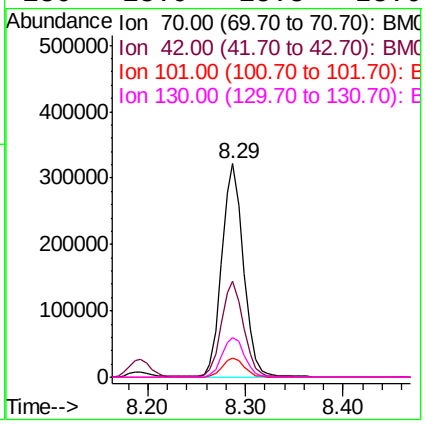


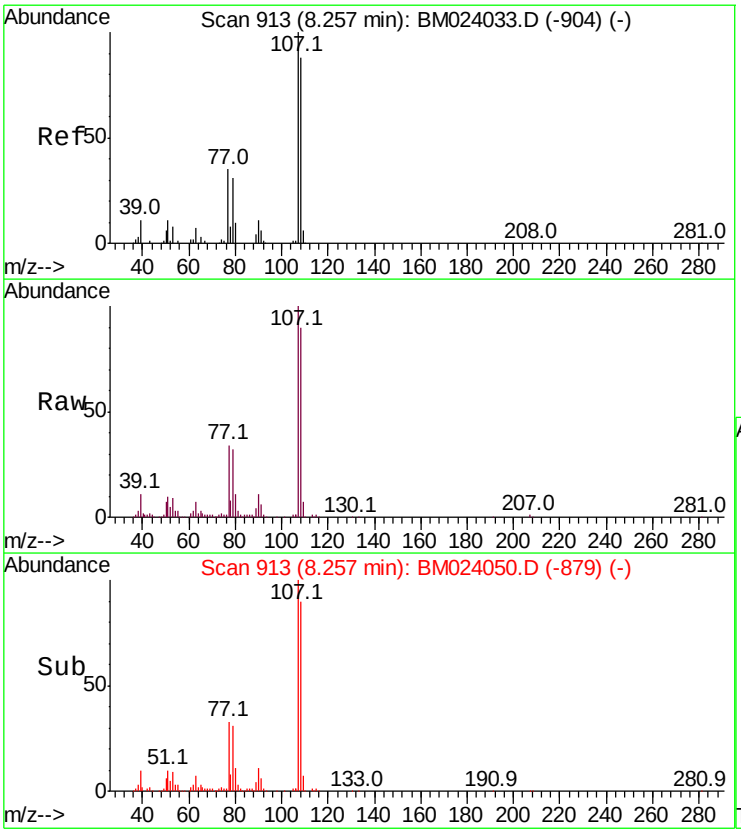
#15
N-Nitroso-di-n-propylamine
Concen: 22.319 ng/ul
RT: 8.29 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 70 Resp: 495896

Ion	Ratio	Lower	Upper
70	100		
42	44.7	35.8	53.6
101	9.2	8.0	12.0
130	18.9	15.8	23.6

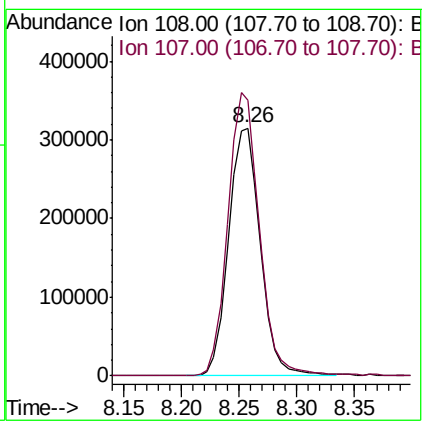


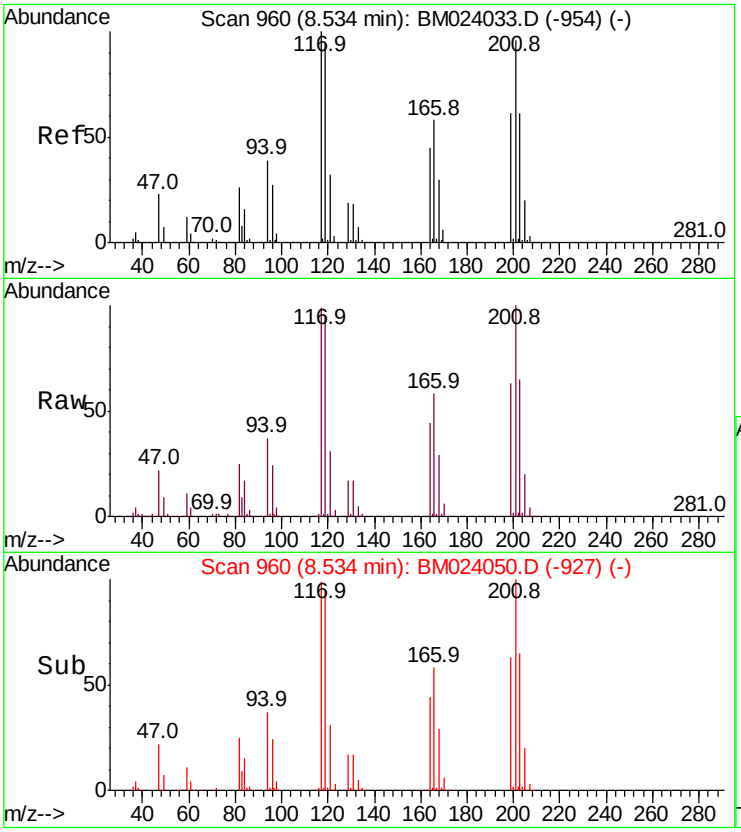


#16
4-Methylphenol
Concen: 20.847 ng/ul
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:108 Resp: 599787

Ion	Ratio	Lower	Upper
108	100		
107	111.1	90.1	135.1



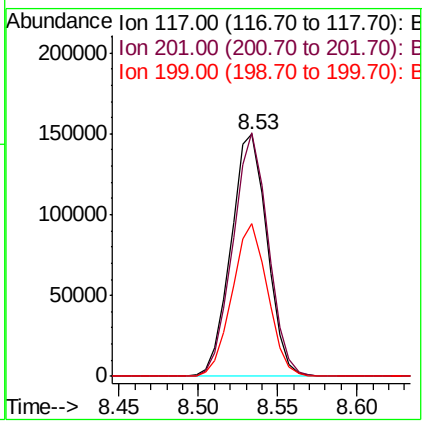


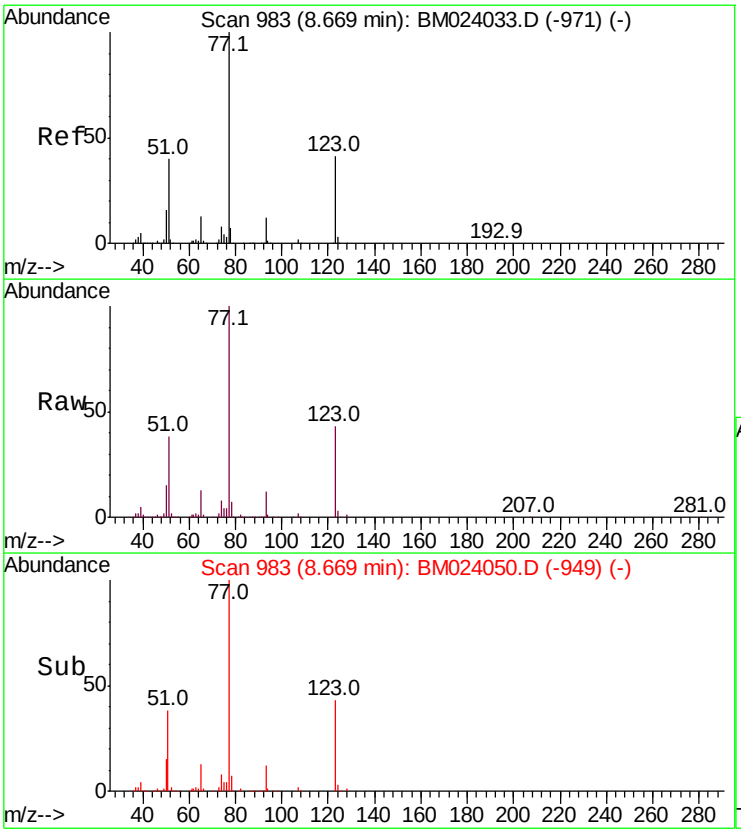
#17
Hexachloroethane
Concen: 21.123 ng/ul
RT: 8.53 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 237398

Ion	Ratio	Lower	Upper
117	100		
201	100.7	81.6	122.4
199	63.1	49.8	74.6

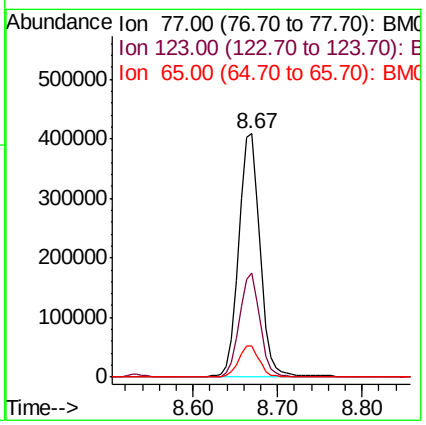


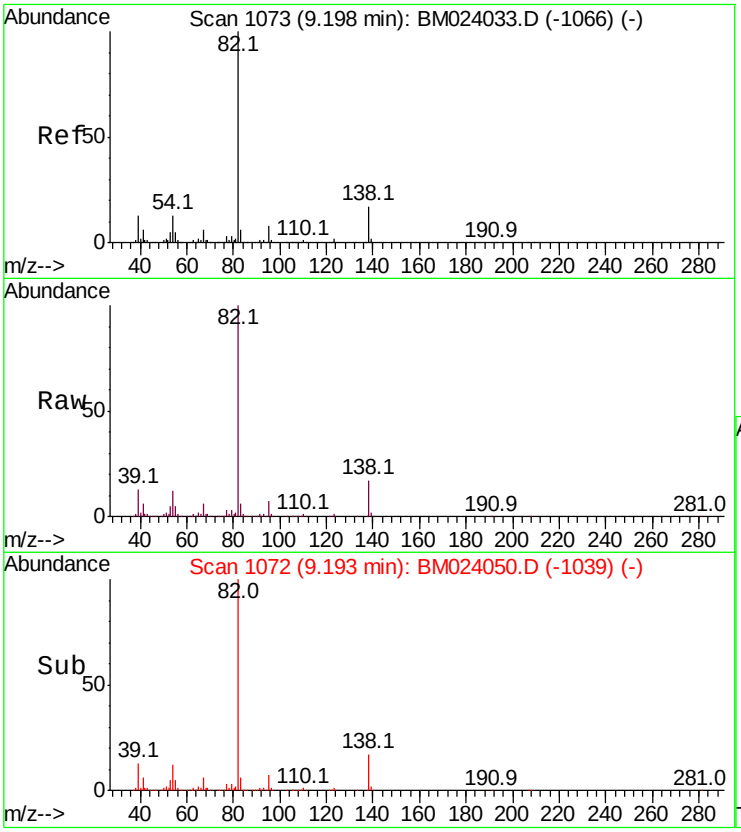


#20
Nitrobenzene
Concen: 21.644 ng/ul
RT: 8.67 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion: 77 Resp: 702916

Ion	Ratio	Lower	Upper
77	100		
123	42.9	34.6	51.8
65	13.0	9.8	14.6



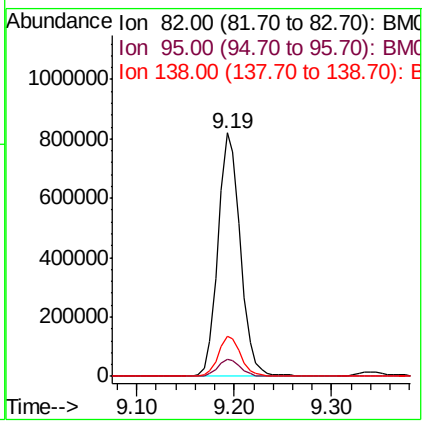


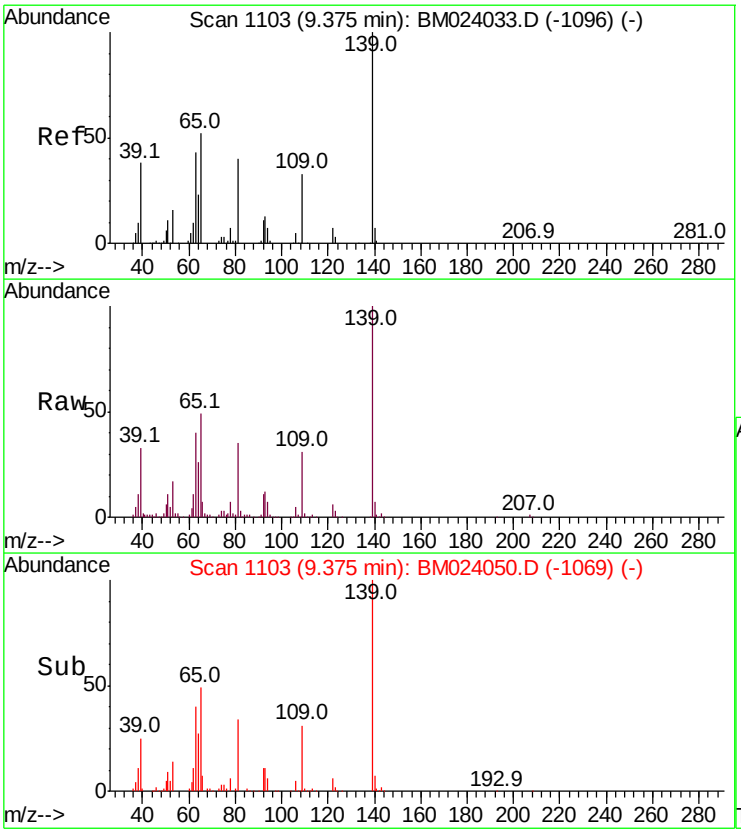
#21
Isophorone
Concen: 21.136 ng/ul
RT: 9.19 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 1303064

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.5	8.3
138	16.5	13.8	20.6

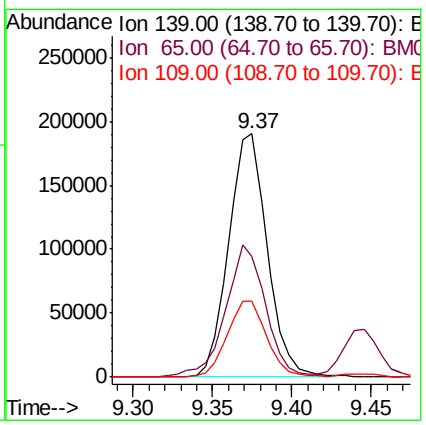


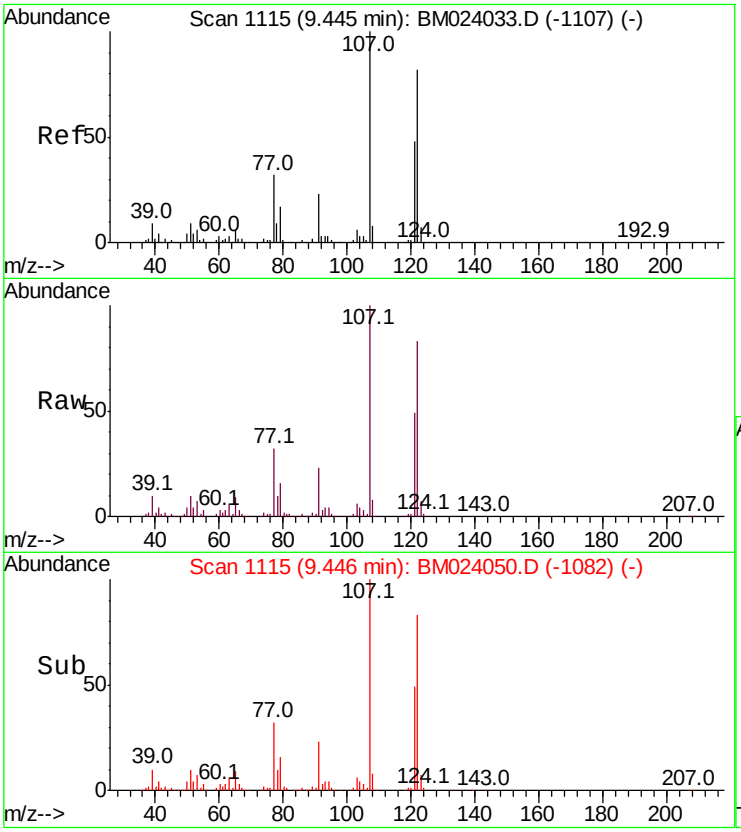


#23
2-Nitrophenol
Concen: 20.058 ng/ul
RT: 9.37 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:139 Resp: 322442

Ion	Ratio	Lower	Upper
139	100		
65	49.4	40.2	60.2
109	31.3	23.8	35.8



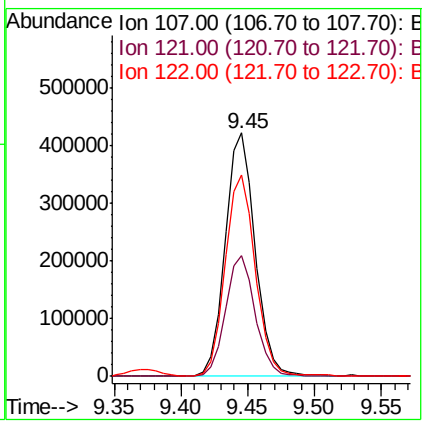


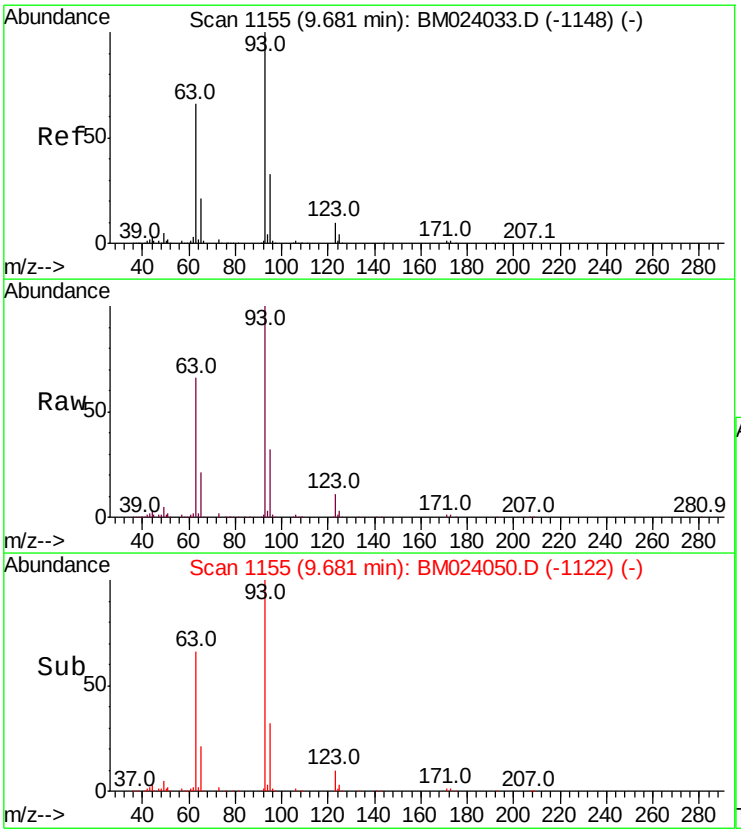
#24
2,4-Dimethylphenol
Concen: 20.434 ng/ul
RT: 9.45 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 662823

Ion	Ratio	Lower	Upper
107	100		
121	49.4	39.1	58.7
122	82.5	65.3	97.9

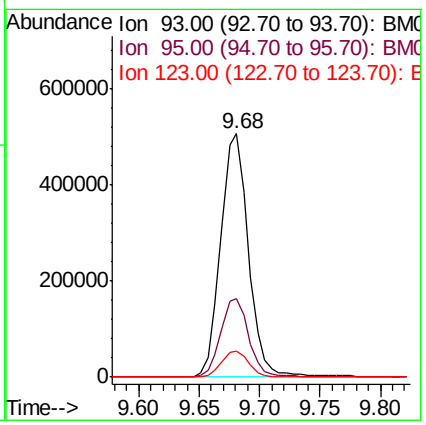


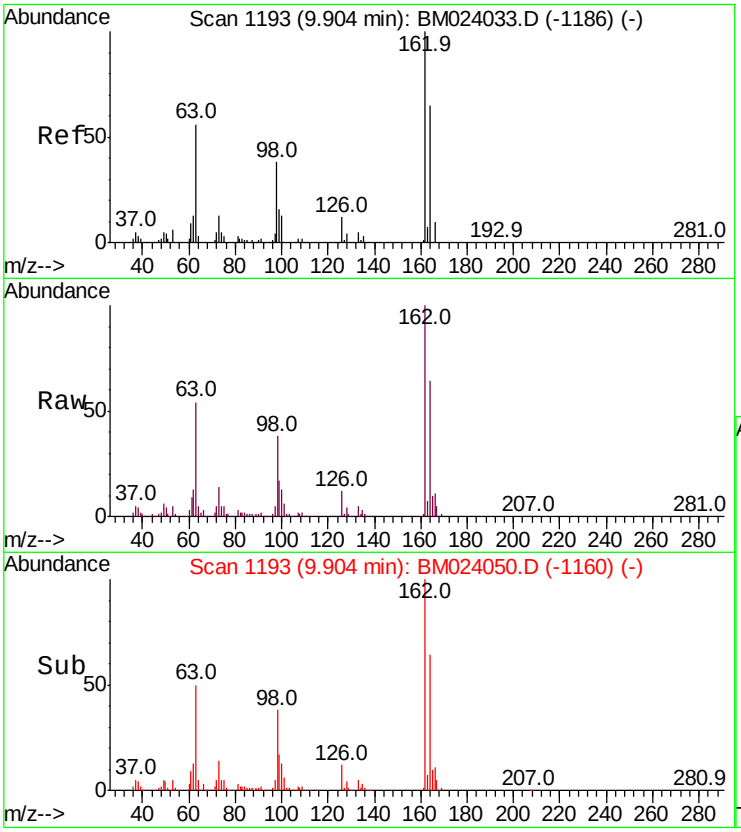


#25
Bis(2-Chloroethoxy)methane
Concen: 20.930 ng/ul
RT: 9.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion: 93 Resp: 809576

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.5	8.7	13.1



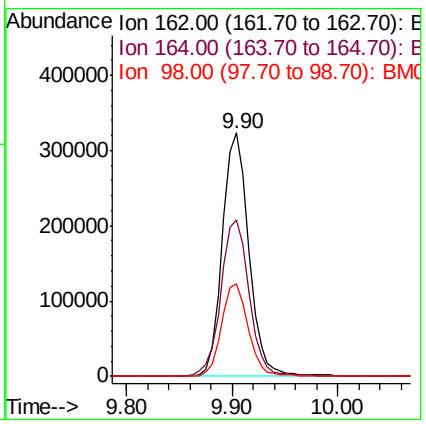


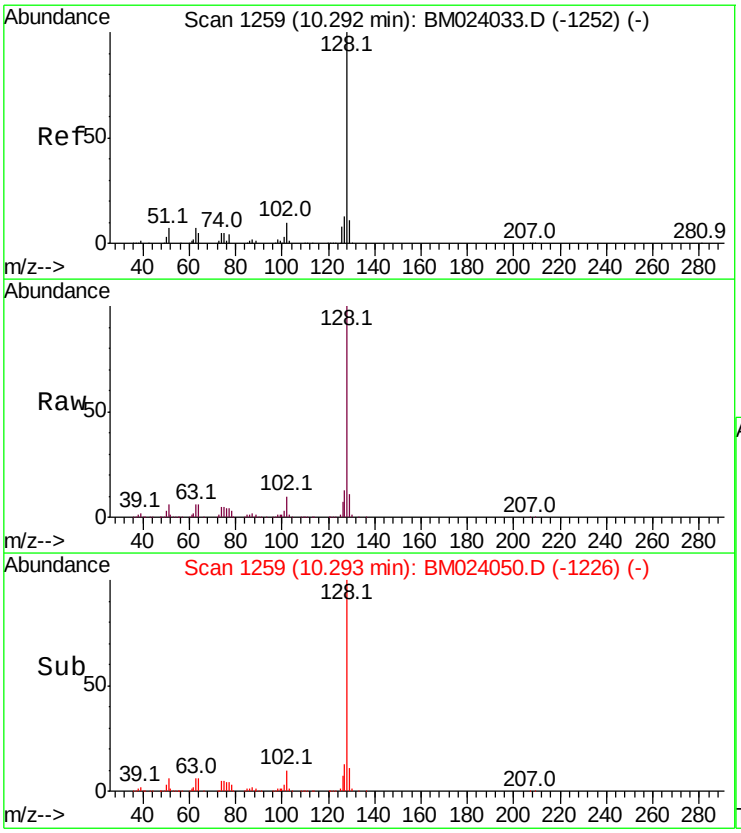
#27
2,4-Dichlorophenol
Concen: 20.324 ng/ul
RT: 9.90 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:162 Resp: 561960

Ion	Ratio	Lower	Upper
162	100		
164	64.4	50.8	76.2
98	38.0	29.5	44.3

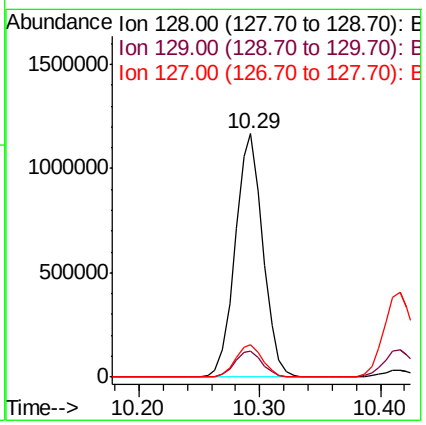


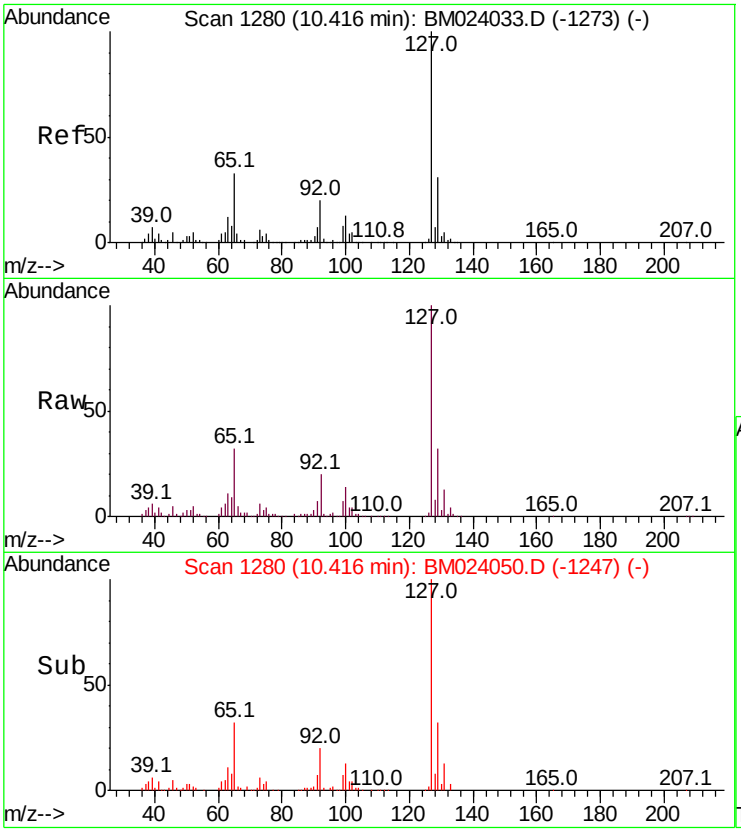


#28
Naphthalene
Concen: 20.484 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:128 Resp: 1860061

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.5	15.7



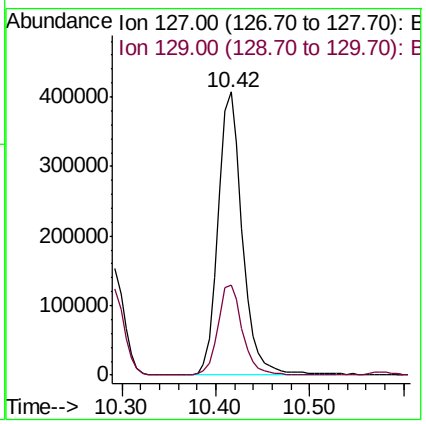


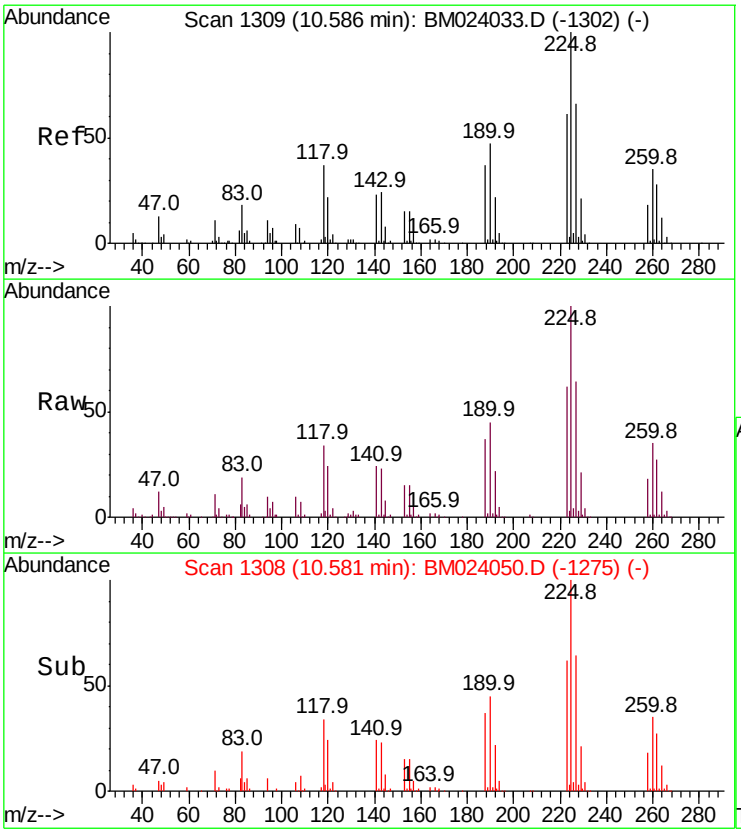
#30
4-Chloroaniline
Concen: 22.517 ng/ul
RT: 10.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 731671

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4

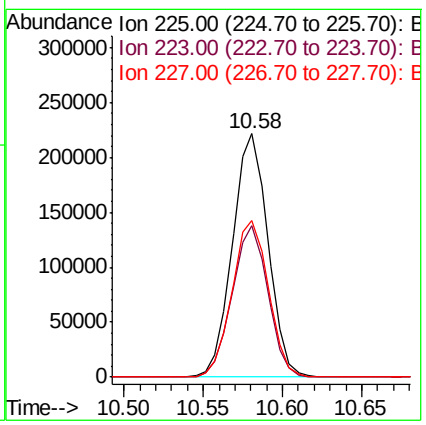


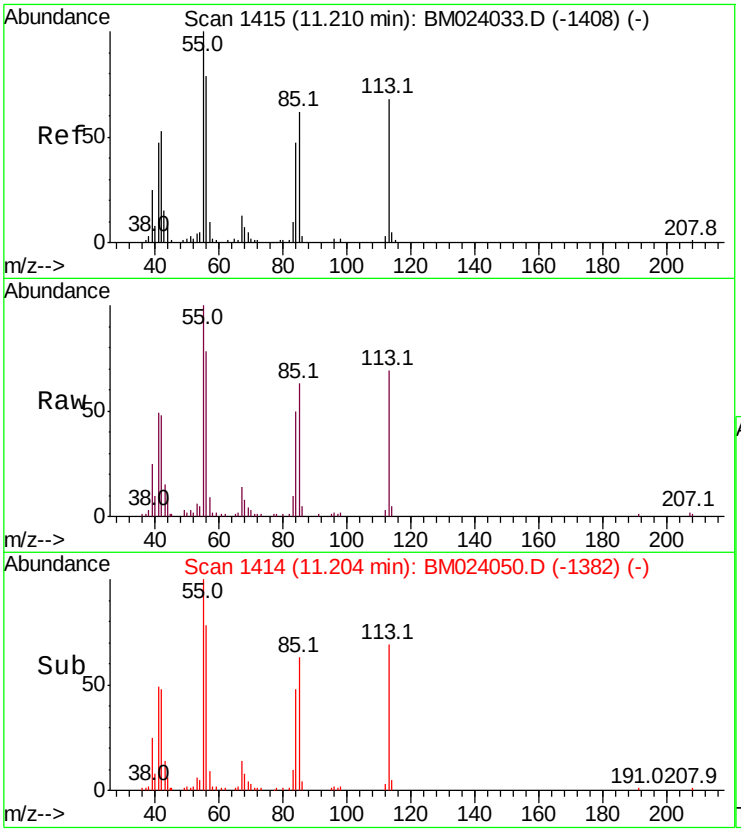


#31
Hexachlorobutadiene
Concen: 19.687 ng/ul
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:225 Resp: 343712

Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.1	76.7
227	64.4	53.4	80.0



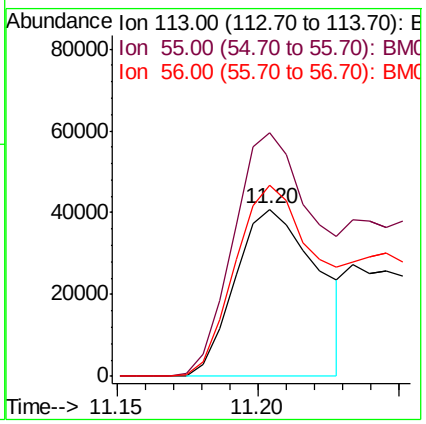


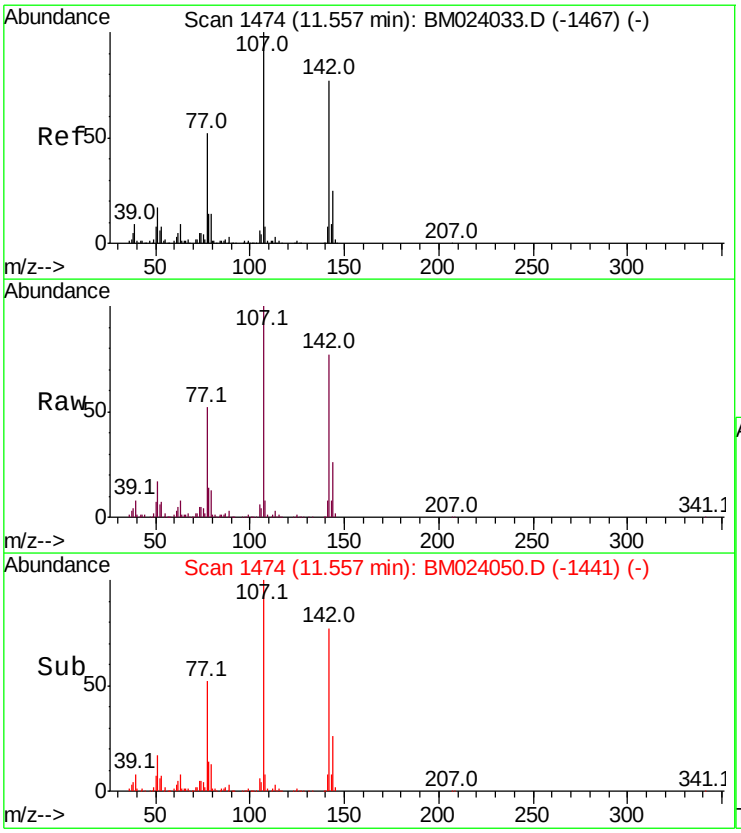
#32
Caprolactam
Concen: 9.912 ng/ul
RT: 11.20 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:113 Resp: 82754

Ion	Ratio	Lower	Upper
113	100		
55	145.7	110.1	165.1
56	114.1	85.5	128.3

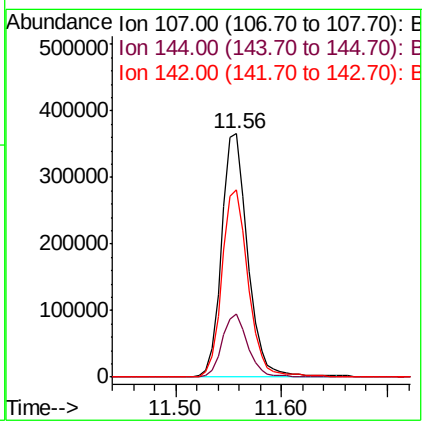


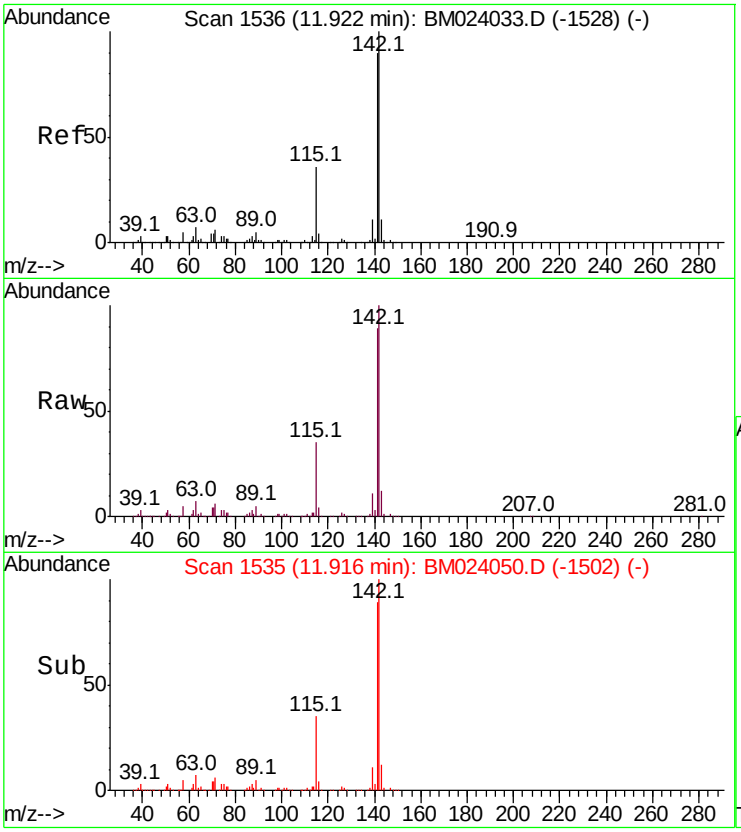


#33
4-Chloro-3-methylphenol
Concen: 21.490 ng/ul
RT: 11.56 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:107 Resp: 628868

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	77.1	63.4	95.2



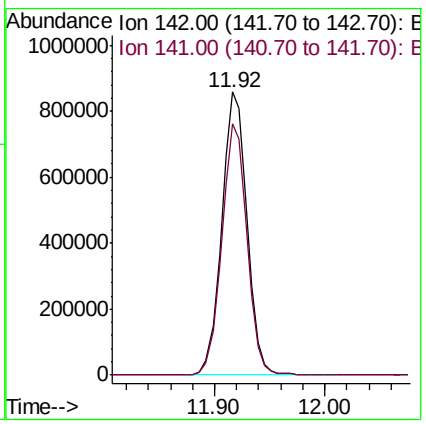


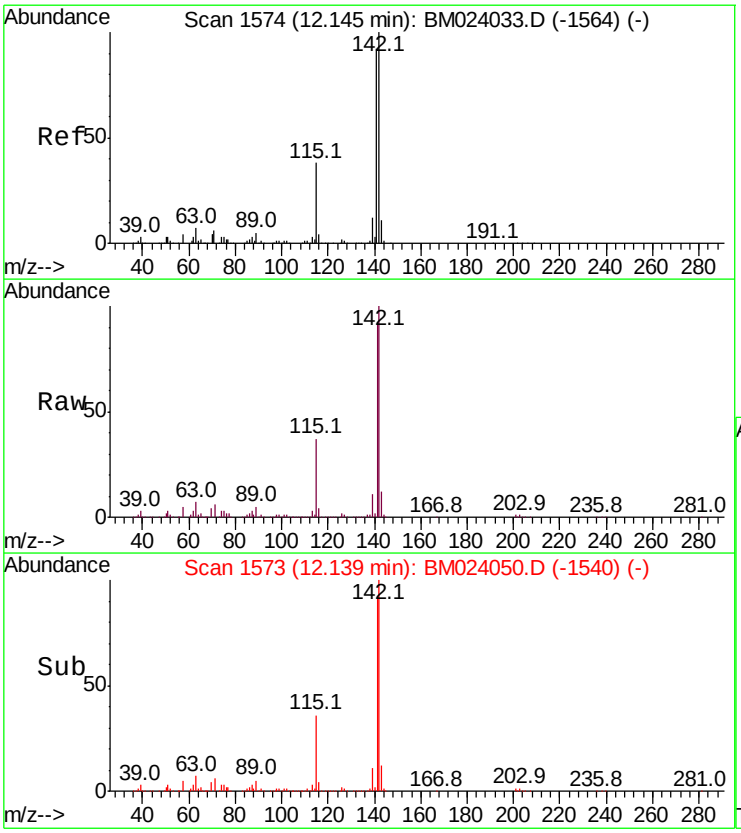
#34
2-Methylnaphthalene
Concen: 20.815 ng/ul
RT: 11.92 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1372407

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9

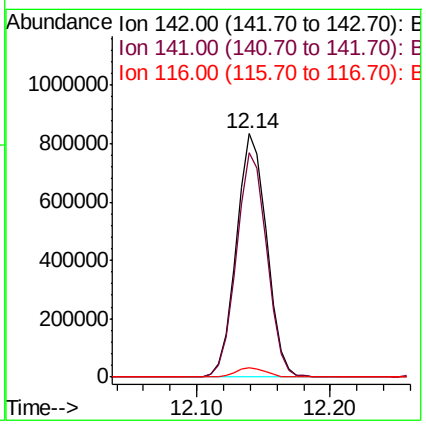


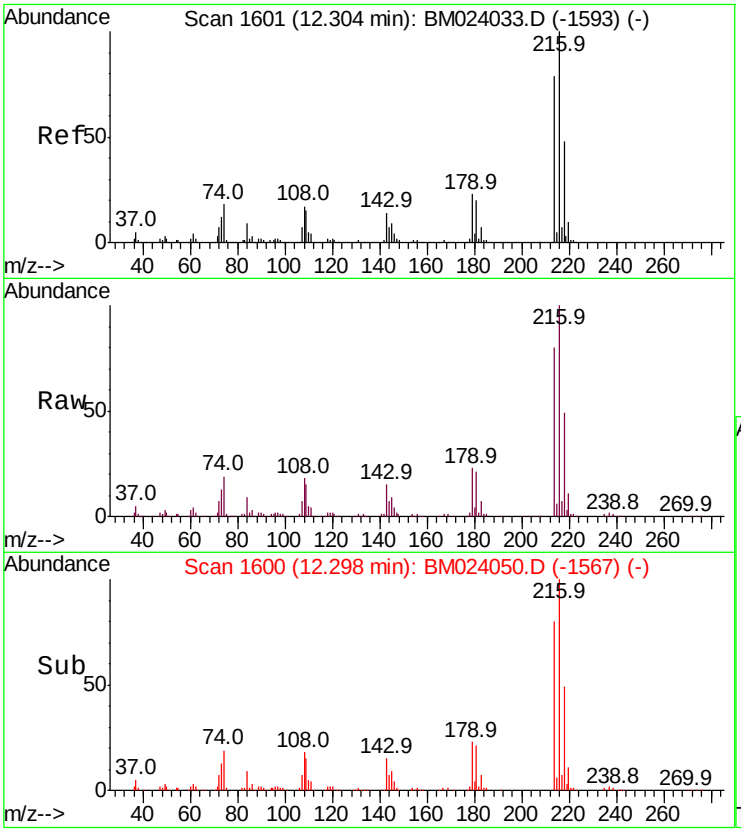


#35
1-Methylnaphthalene
Concen: 20.180 ng/ul
RT: 12.14 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:142 Resp: 1306310

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.8	3.0	4.4



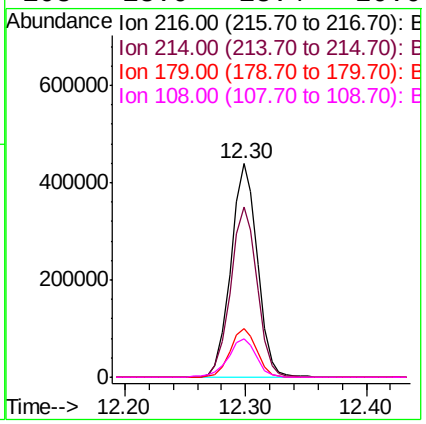


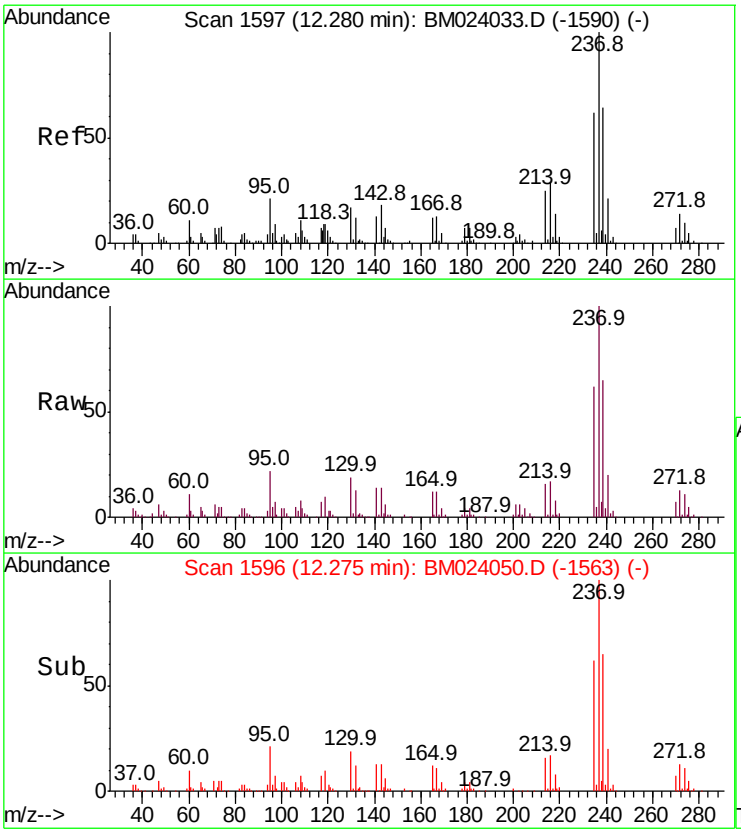
#37
1,2,4,5-Tetrachlorobenzene
Concen: 19.102 ng/ul
RT: 12.30 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:216 Resp: 673143

Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.6
179	23.1	18.1	27.1
108	18.0	13.4	20.0

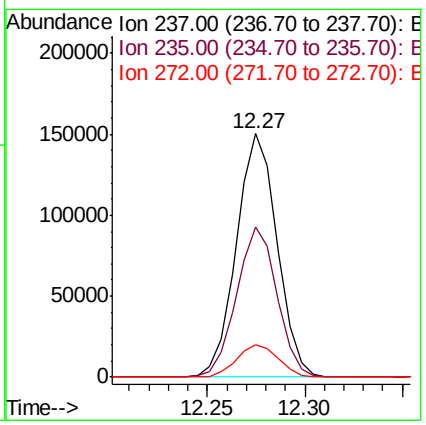


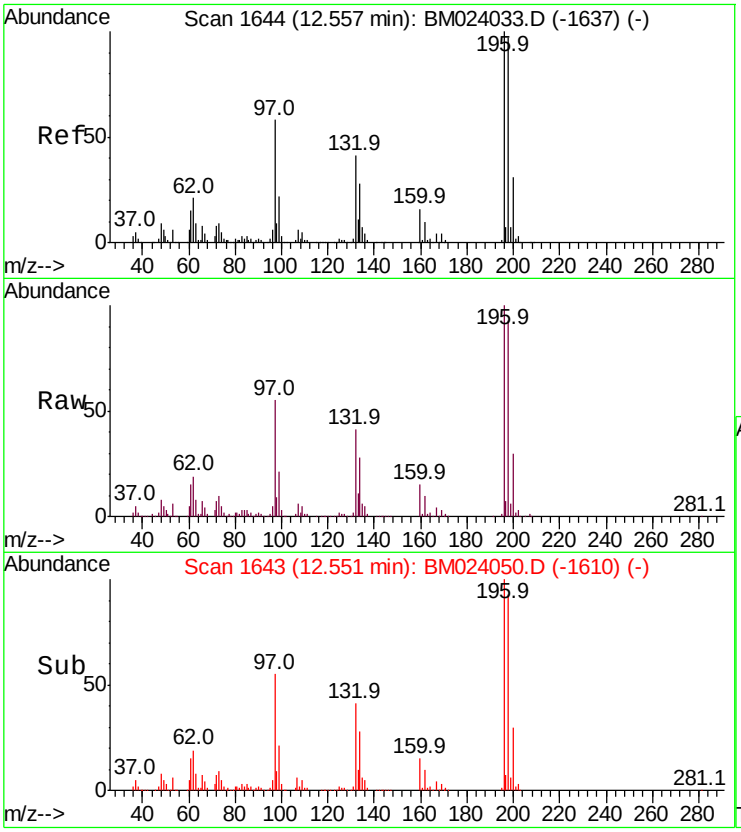


#38
Hexachlorocyclopentadiene
Concen: 13.225 ng/ul
RT: 12.27 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:237 Resp: 217170

Ion	Ratio	Lower	Upper
237	100		
235	61.9	48.9	73.3
272	13.3	11.0	16.6



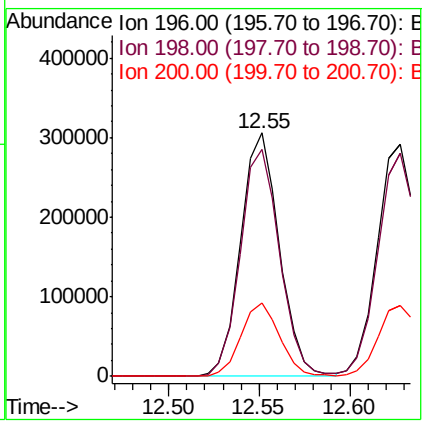


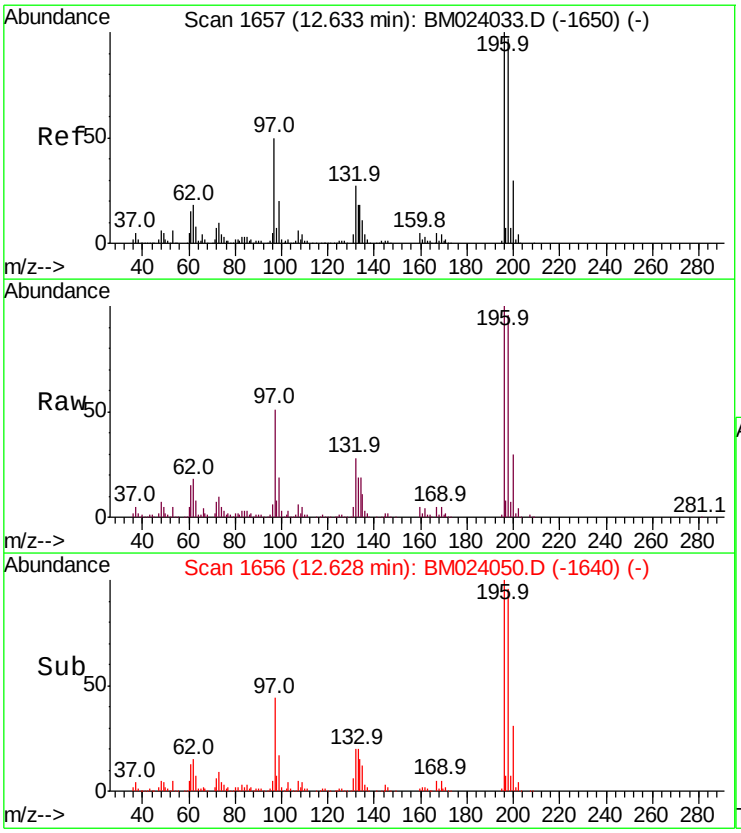
#39
2,4,6-Trichlorophenol
Concen: 19.737 ng/ul
RT: 12.55 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:196 Resp: 453074

Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.6	113.4
200	30.0	24.2	36.4

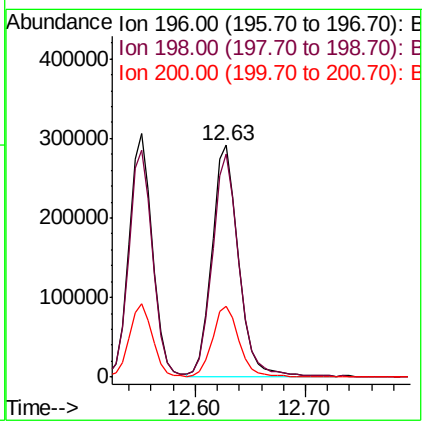


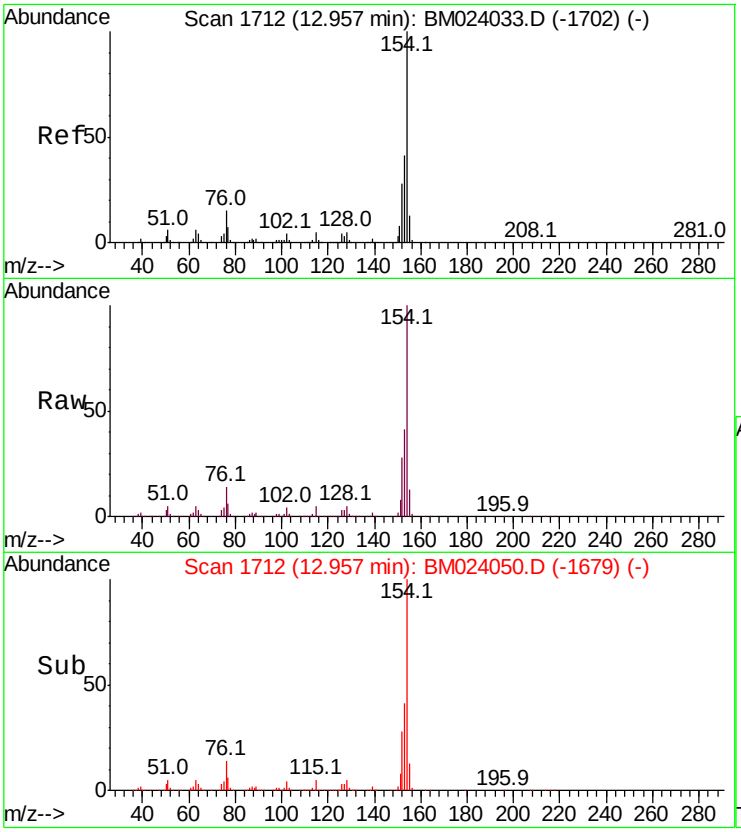


#40
2,4,5-Trichlorophenol
Concen: 19.703 ng/ul
RT: 12.63 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:196 Resp: 480842

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.6	114.8
200	30.4	24.6	37.0



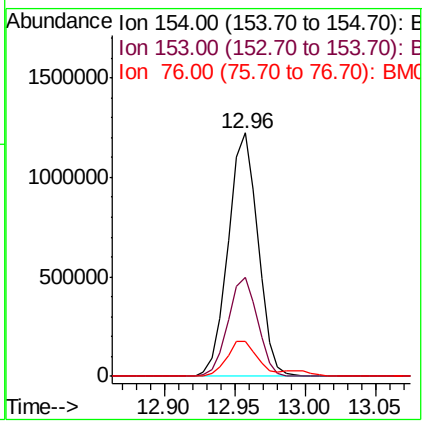


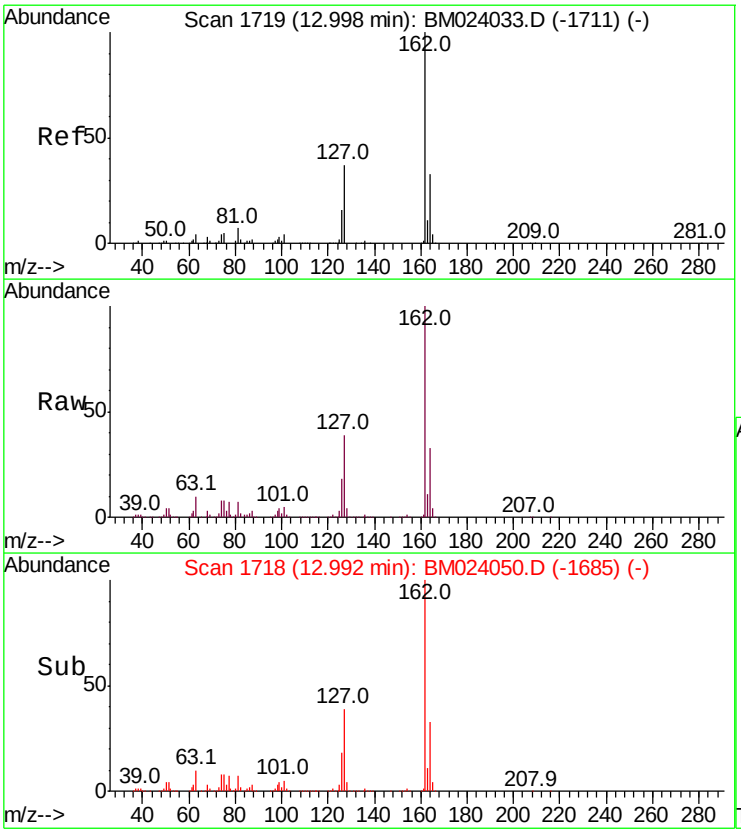
#41
1,1'-Biphenyl
Concen: 19.577 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 1787067

Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.9	49.3
76	14.3	11.1	16.7

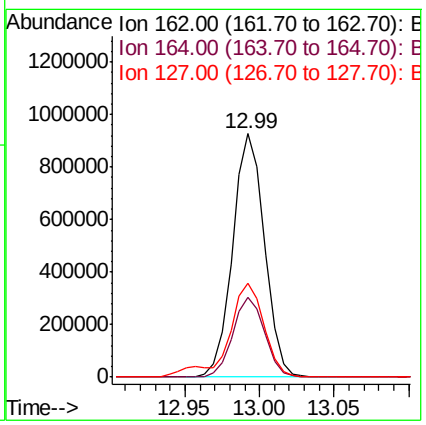


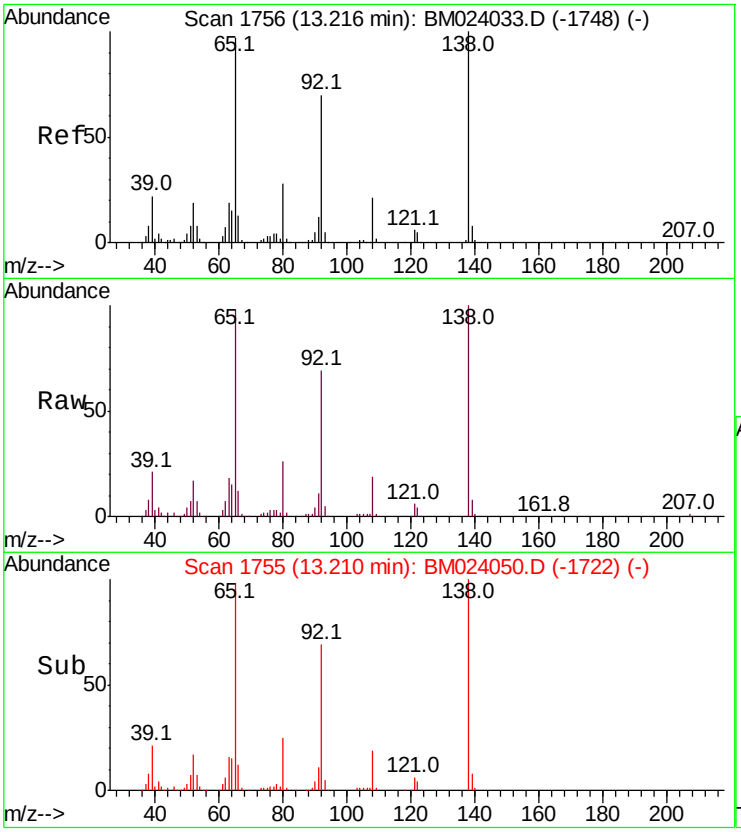


#42
2-Chloronaphthalene
Concen: 19.705 ng/ul
RT: 12.99 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:162 Resp: 1376335

Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.5	39.7
127	38.7	30.2	45.4



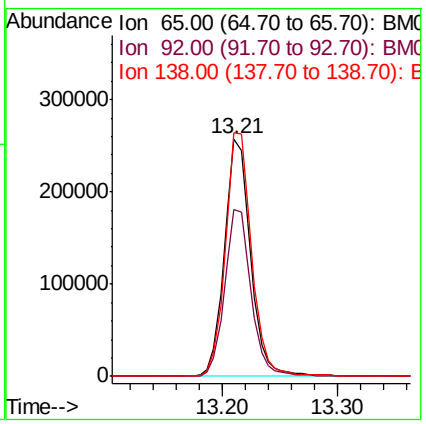


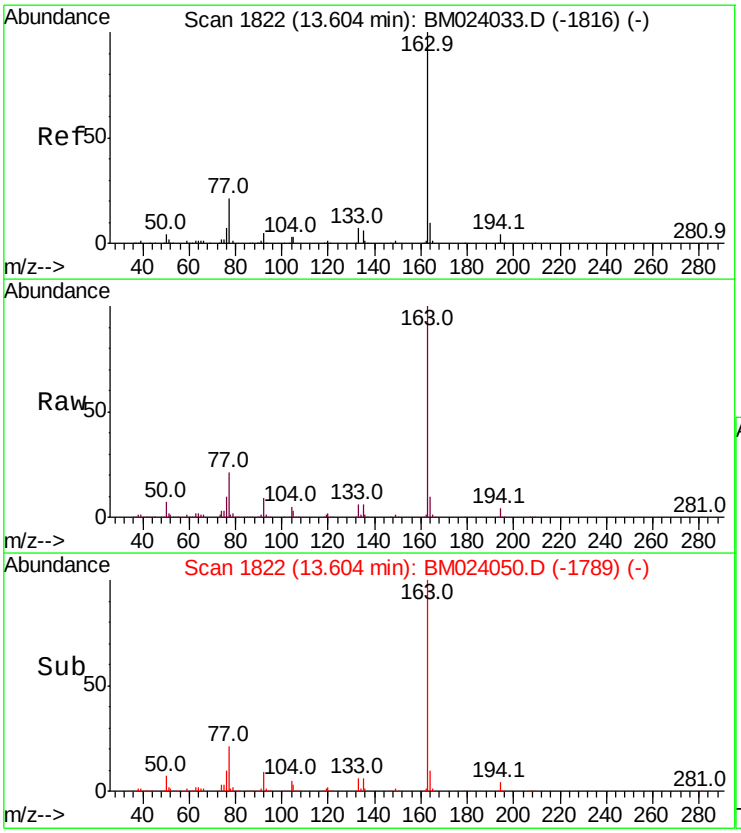
#43
2-Nitroaniline
Concen: 22.195 ng/ul
RT: 13.21 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 65 Resp: 402938

Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.8	86.8
138	102.5	84.6	126.8

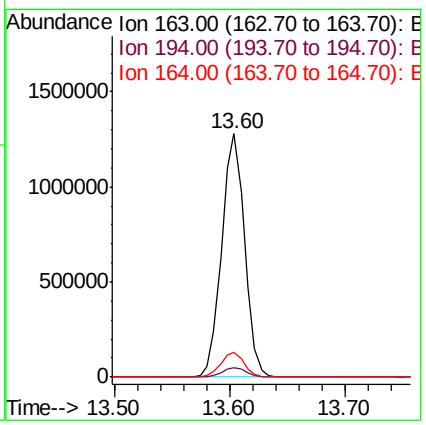


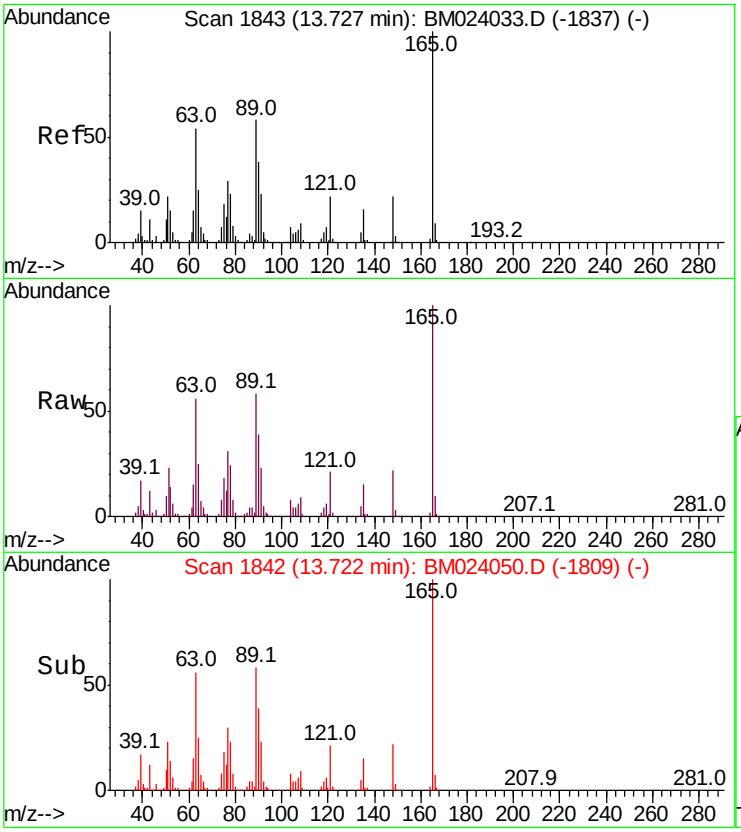


#45
Dimethylphthalate
Concen: 20.329 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:163 Resp: 1746917

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	7.9	11.9



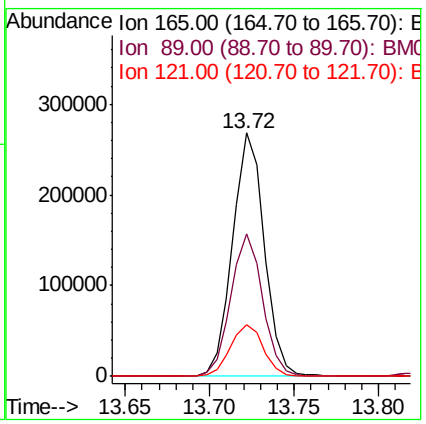


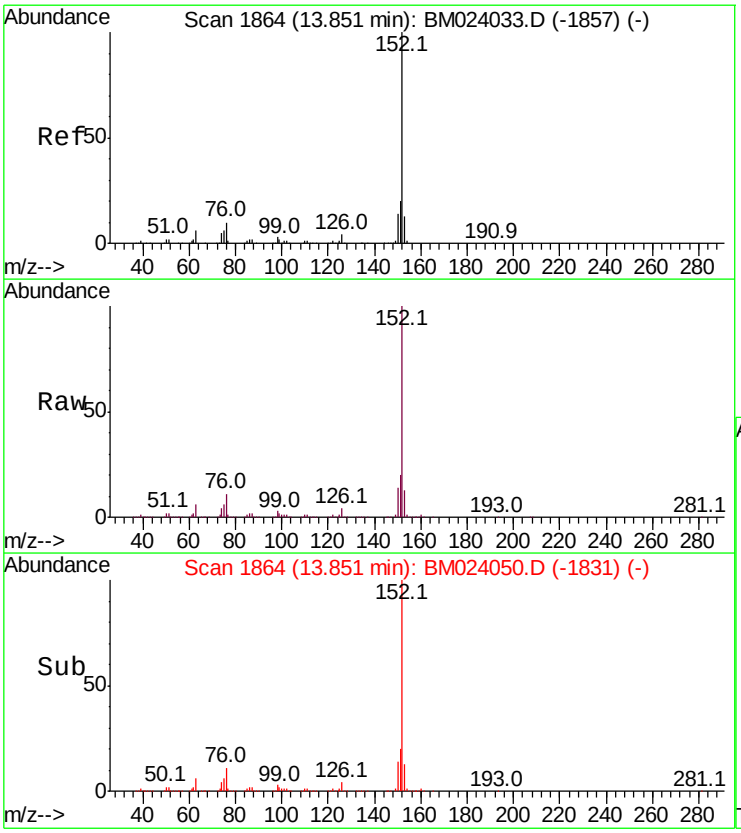
#46
2,6-Dinitrotoluene
Concen: 20.958 ng/ul
RT: 13.72 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 352356

Ion	Ratio	Lower	Upper
165	100		
89	58.5	45.9	68.9
121	21.3	16.6	25.0

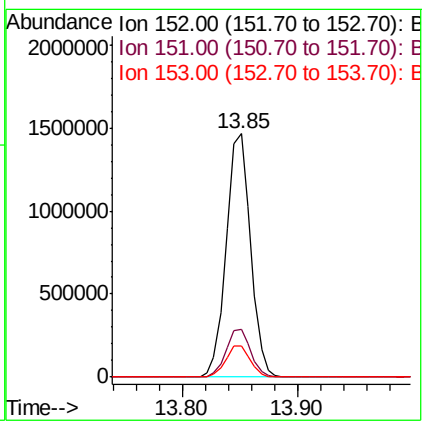


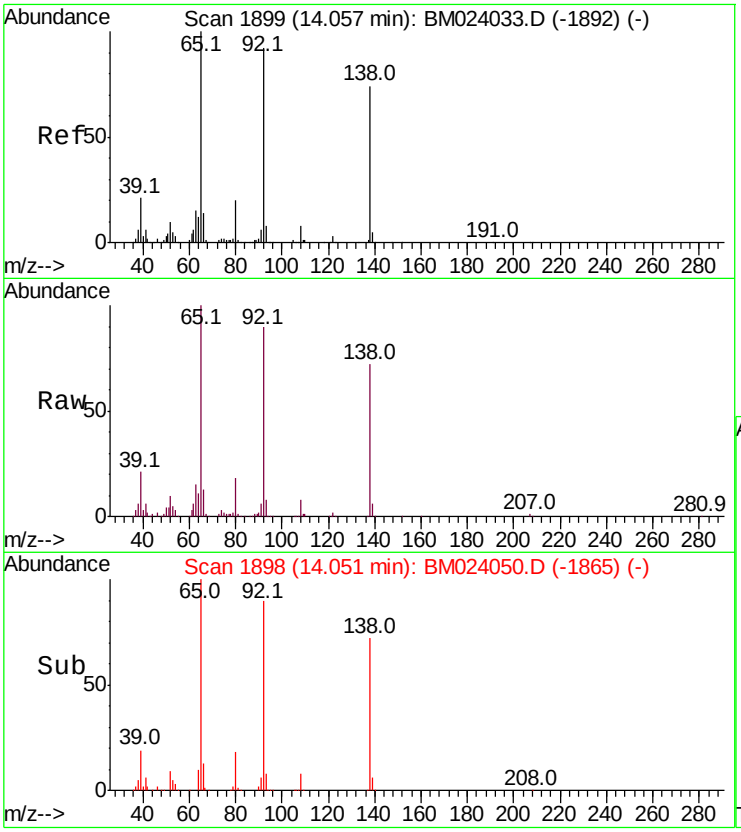


#48
Acenaphthylene
Concen: 20.549 ng/ul
RT: 13.85 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:152 Resp: 2137852

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	12.6	10.6	15.8



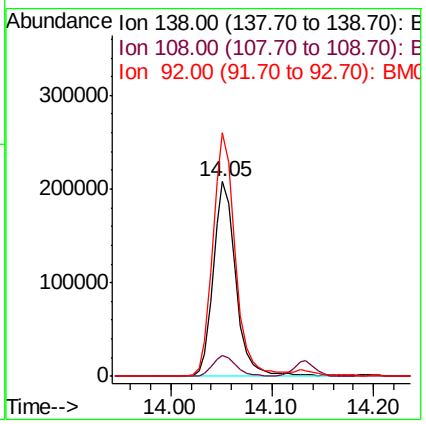


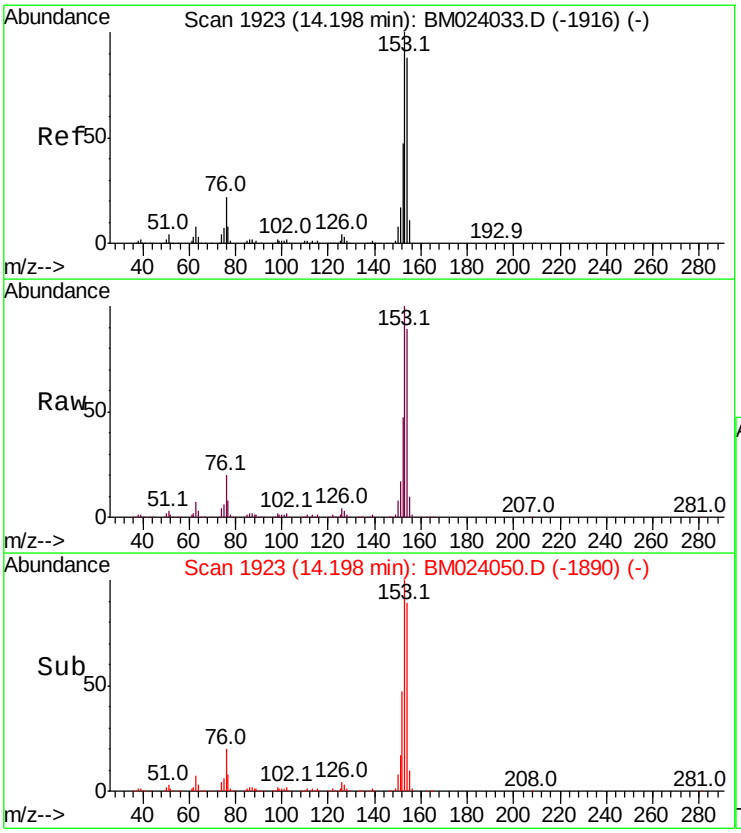
#49
3-Nitroaniline
Concen: 20.426 ng/ul
RT: 14.05 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 321147

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	125.3	97.2	145.8

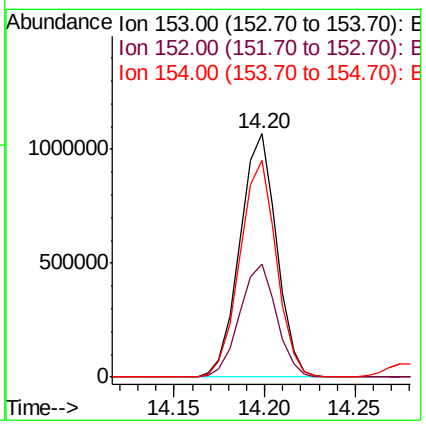


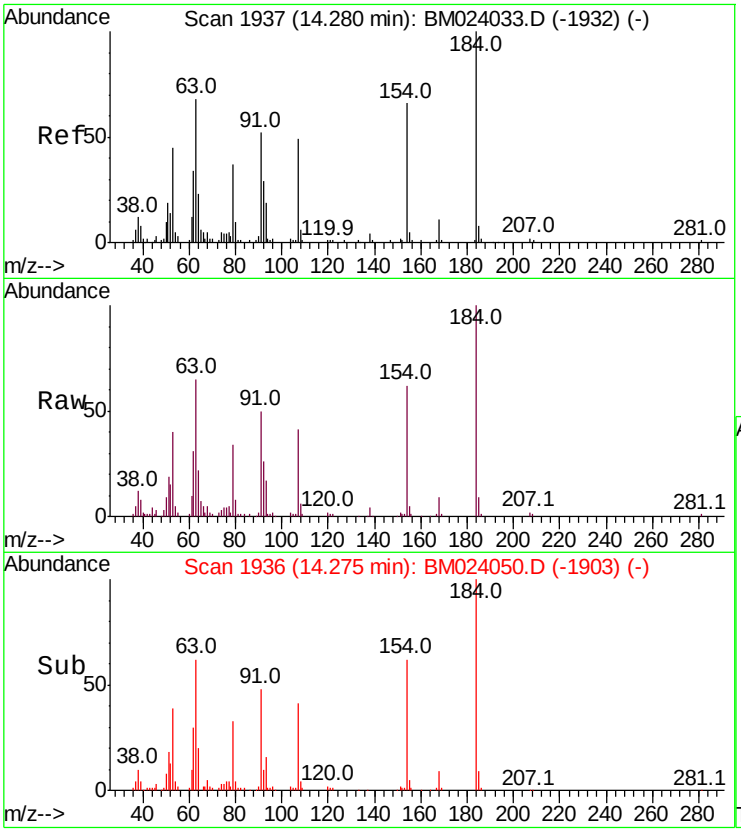


#50
Acenaphthene
Concen: 20.360 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:153 Resp: 1504849

Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.5	56.3
154	89.1	70.7	106.1



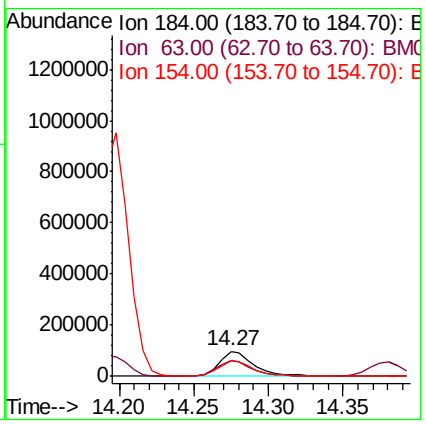


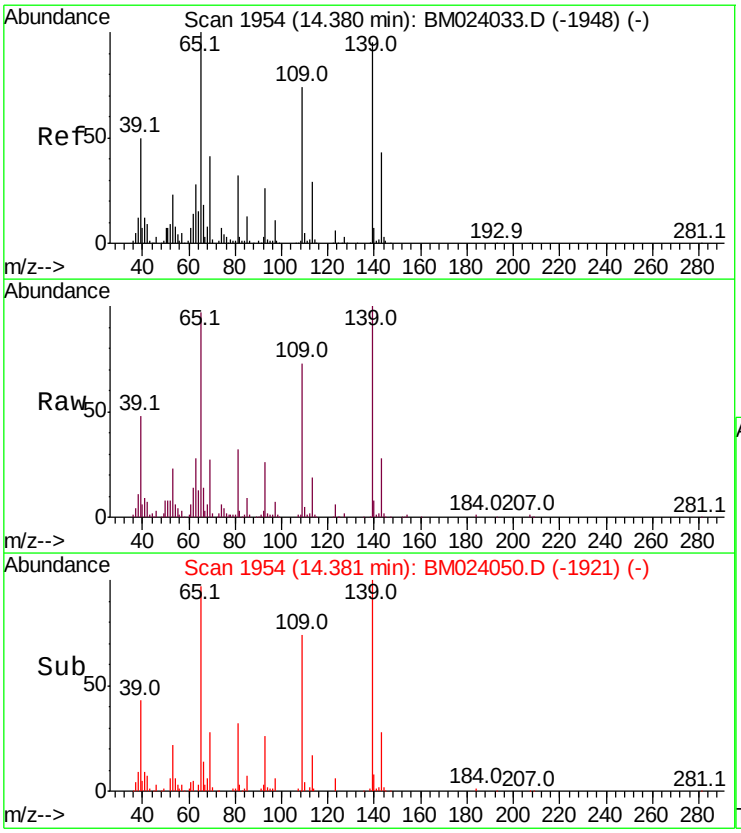
#51
2,4-Dinitrophenol
Concen: 17.519 ng/ul
RT: 14.27 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:184 Resp: 157005

Ion	Ratio	Lower	Upper
184	100		
63	64.7	50.8	76.2
154	62.4	51.0	76.6

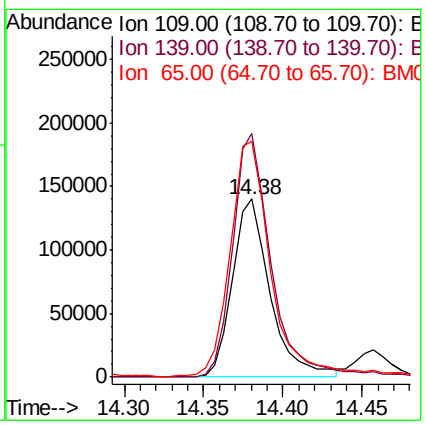


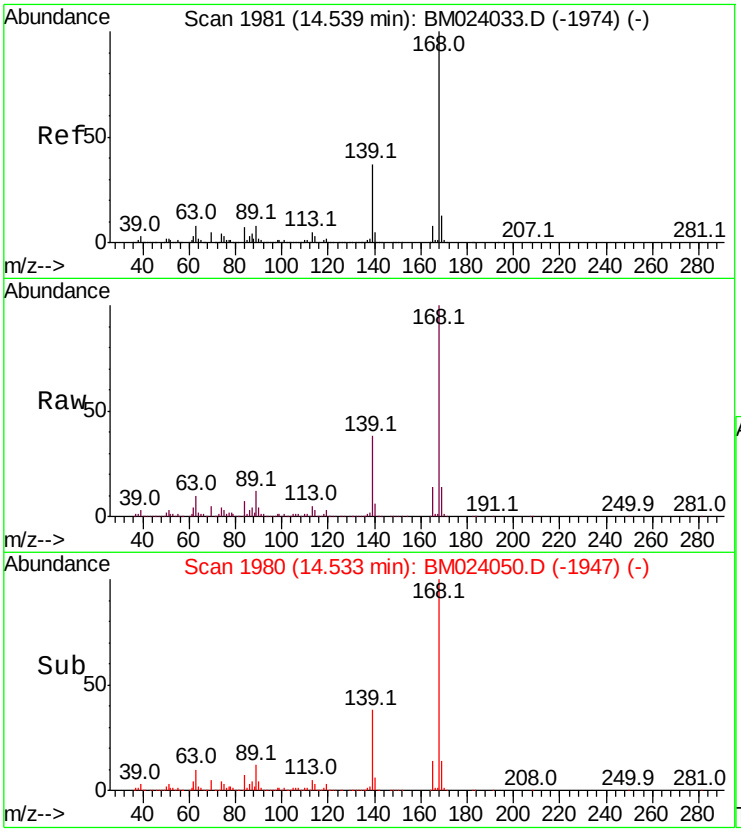


#53
4-Nitrophenol
Concen: 21.309 ng/ul
RT: 14.38 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:109 Resp: 231731

Ion	Ratio	Lower	Upper
109	100		
139	136.7	112.4	168.6
65	132.3	110.7	166.1



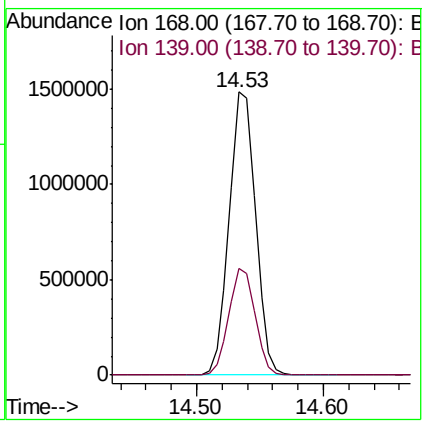


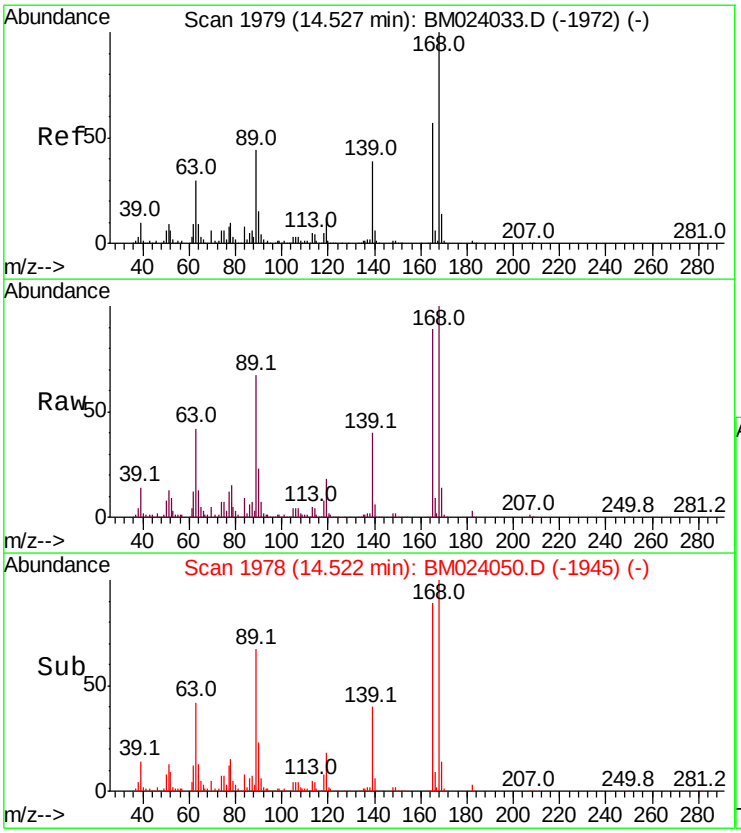
#54
Dibenzofuran
Concen: 20.453 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 2138756

Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.4	44.0

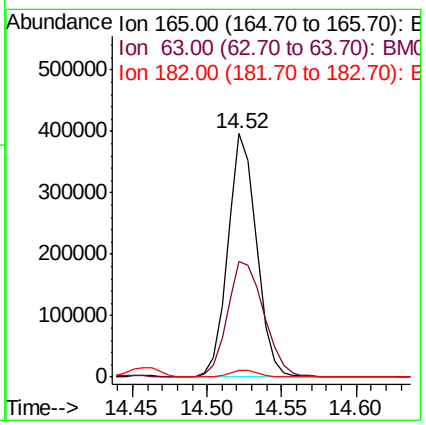


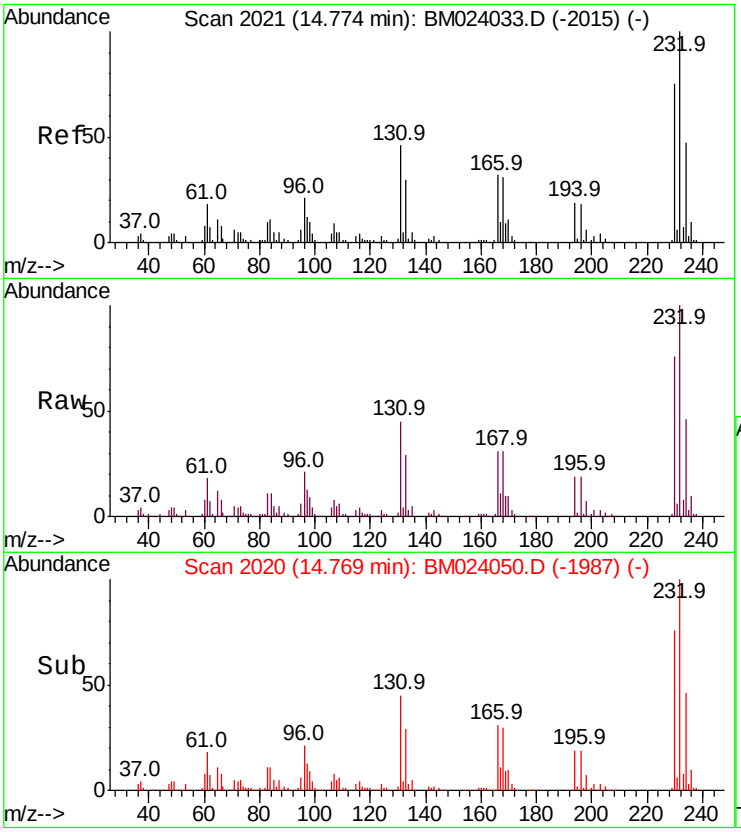


#55
2,4-Dinitrotoluene
Concen: 21.920 ng/ul
RT: 14.52 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:165 Resp: 536031

Ion	Ratio	Lower	Upper
165	100		
63	47.3	38.6	57.8
182	3.0	2.6	3.8



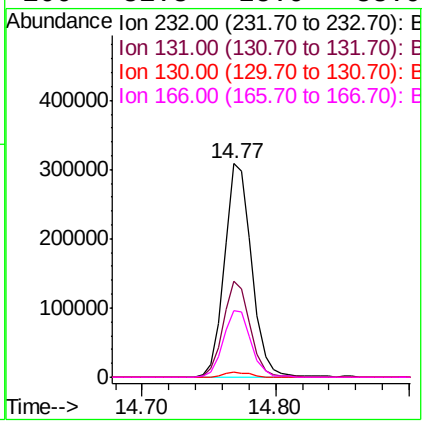


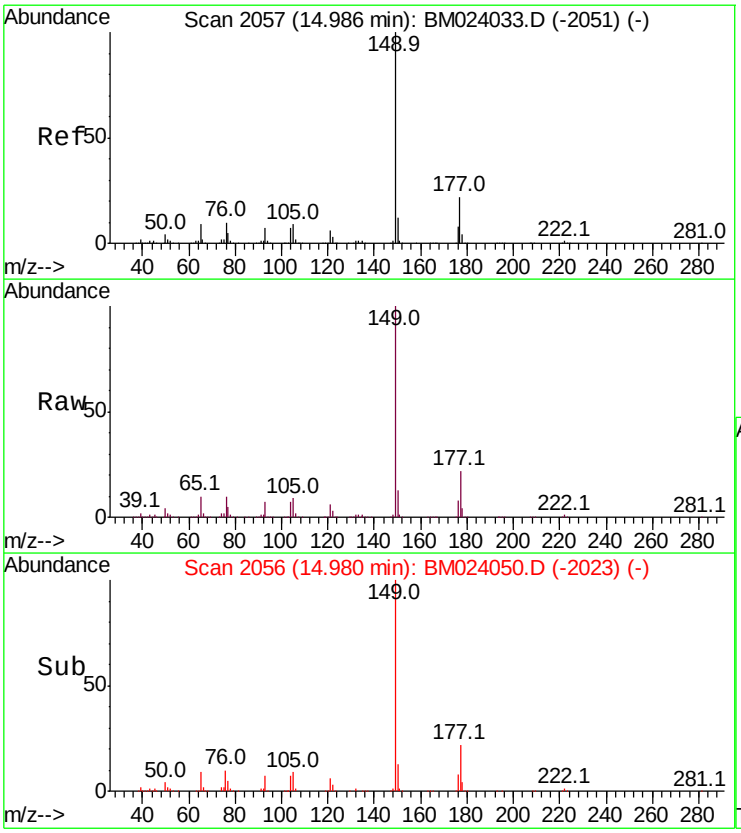
#56
2,3,4,6-Tetrachlorophenol
Concen: 20.497 ng/ul
RT: 14.77 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:232 Resp: 440631

Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.0	52.6
130	2.5	1.8	2.6
166	31.3	25.9	38.9

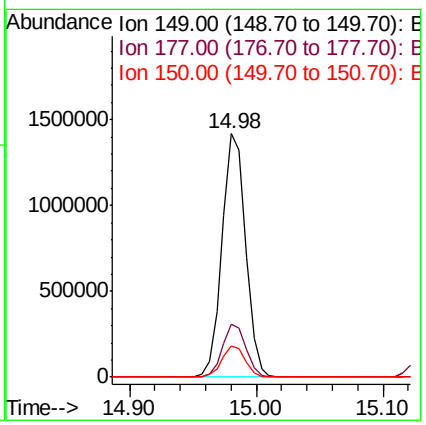


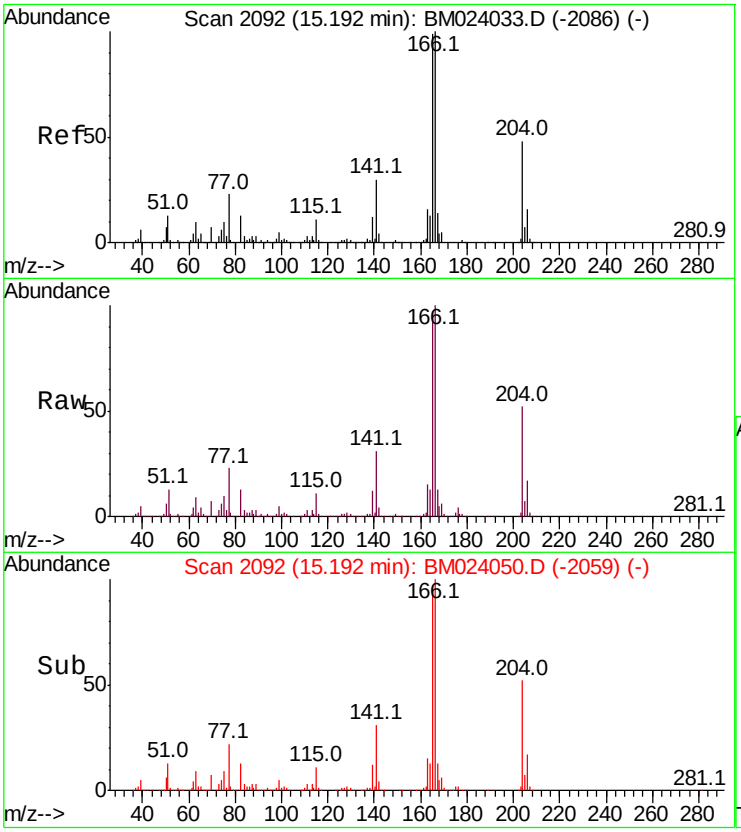


#57
Diethylphthalate
Concen: 21.266 ng/ul
RT: 14.98 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:149 Resp: 1828569

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.8	26.6
150	12.5	9.9	14.9



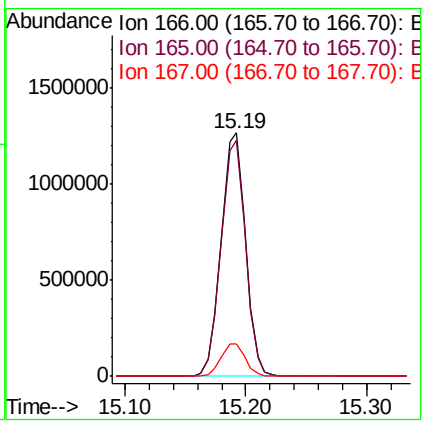


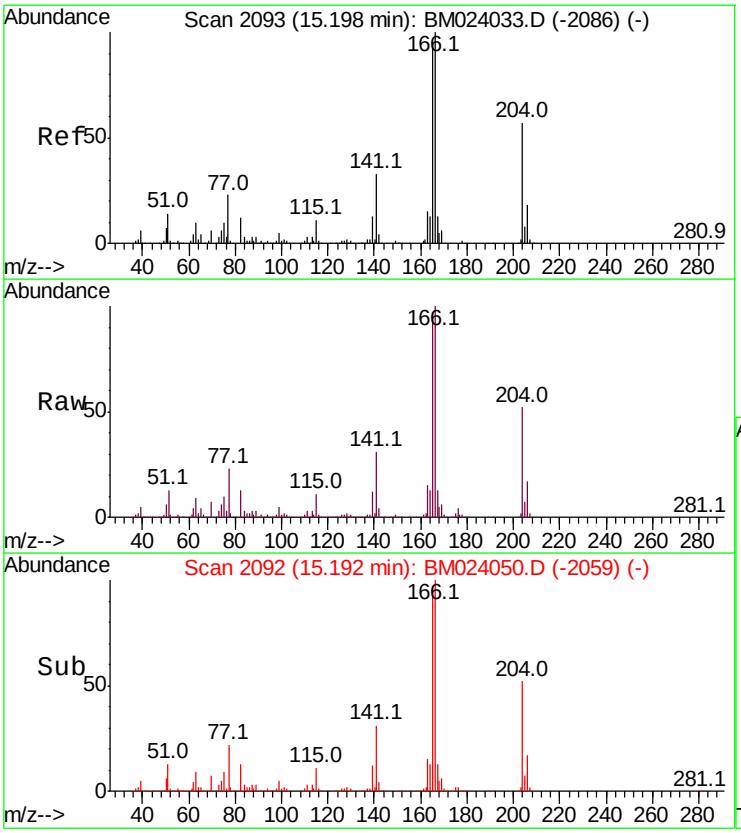
#59
Fluorene
Concen: 20.955 ng/ul
RT: 15.19 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1767265

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	118.0
167	13.2	11.1	16.7

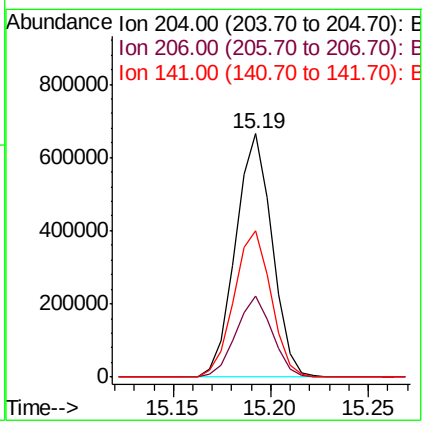


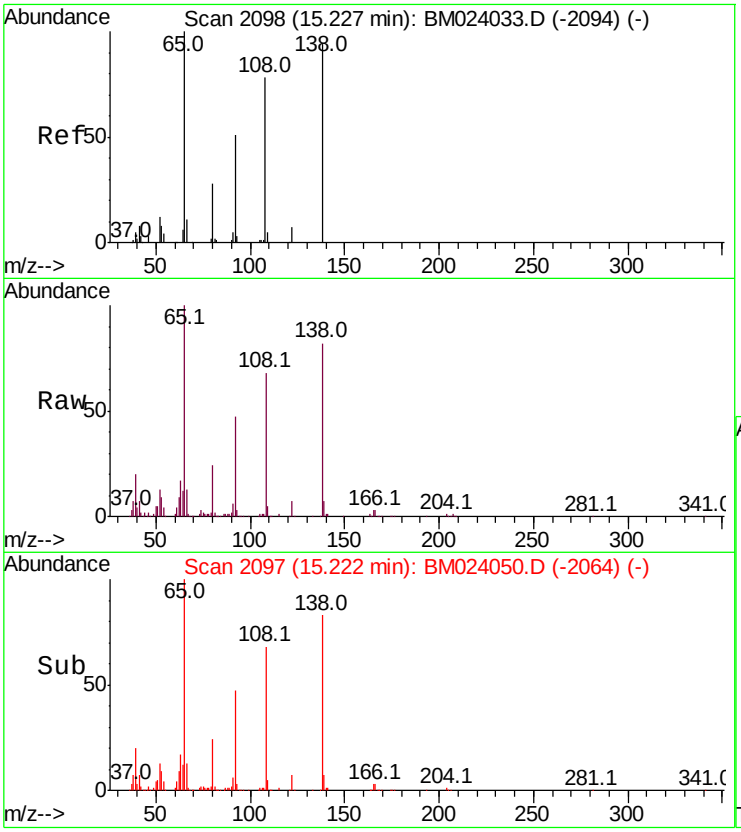


#60
4-Chlorophenyl-phenylether
Concen: 20.348 ng/ul
RT: 15.19 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:204 Resp: 864554

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.7	38.5
141	59.9	47.6	71.4



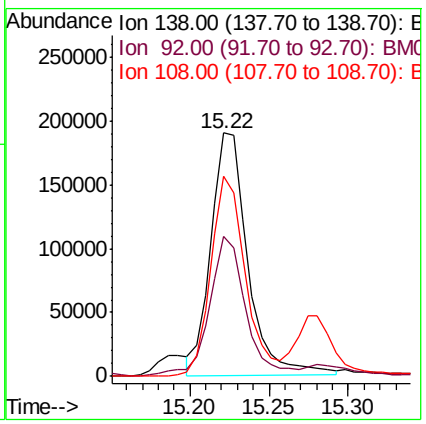


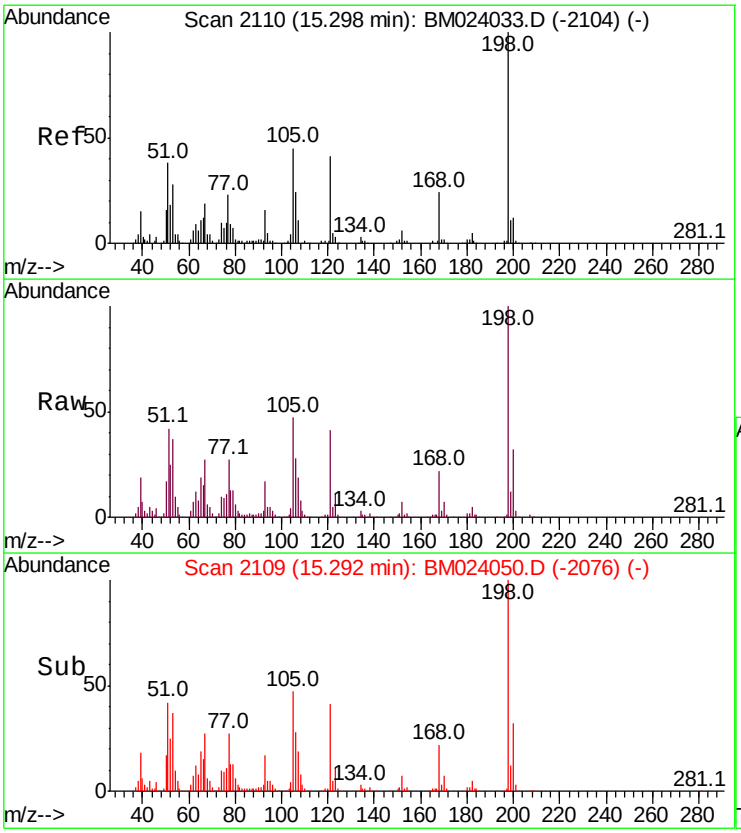
#61
4-Nitroaniline
Concen: 17.375 ng/ul
RT: 15.22 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 308161

Ion	Ratio	Lower	Upper
138	100		
92	57.3	41.4	62.0
108	82.1	60.4	90.6

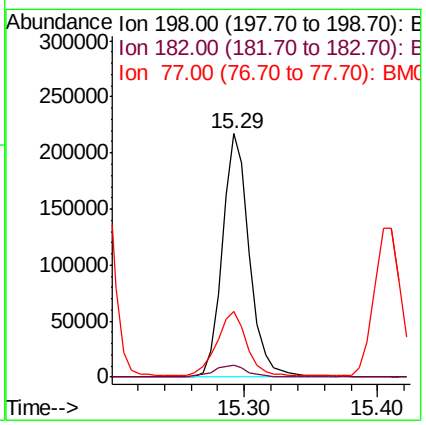


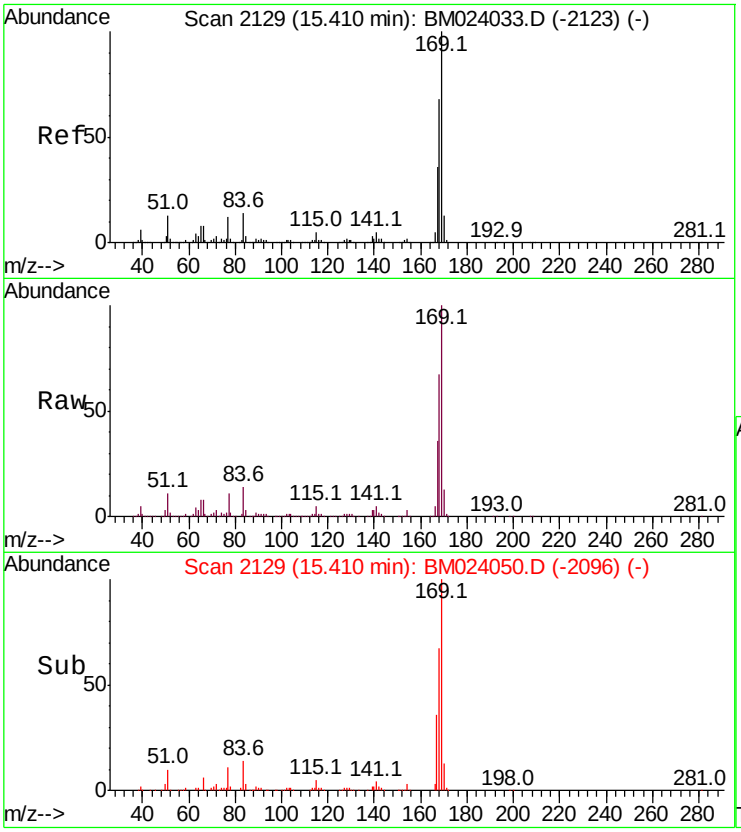


#64
4,6-Dinitro-2-methylphenol
Concen: 18.485 ng/ul
RT: 15.29 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:198 Resp: 308568

Ion	Ratio	Lower	Upper
198	100		
182	4.7	4.7	7.1#
77	27.0	21.1	31.7



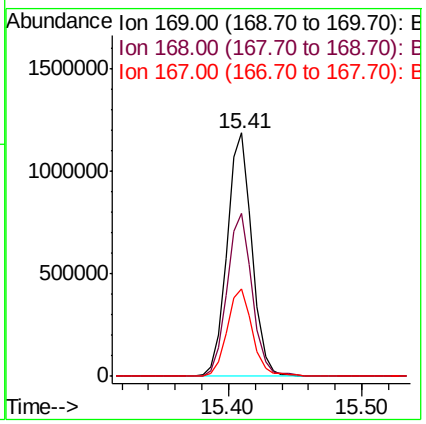


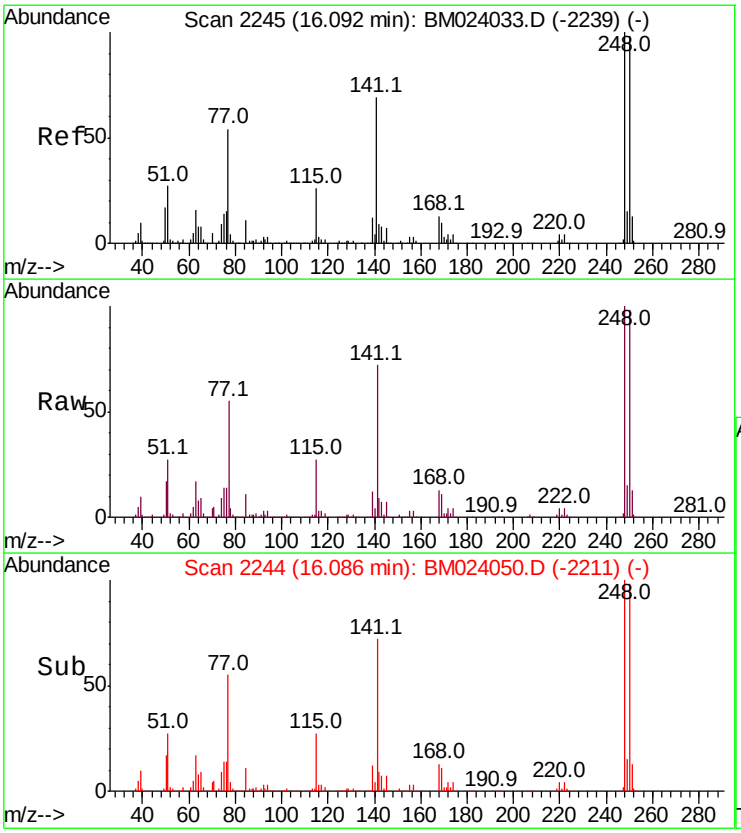
#65
N-Nitrosodiphenylamine
Concen: 19.731 ng/ul
RT: 15.41 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:169 Resp: 1547133

Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.1	81.1
167	35.9	28.8	43.2

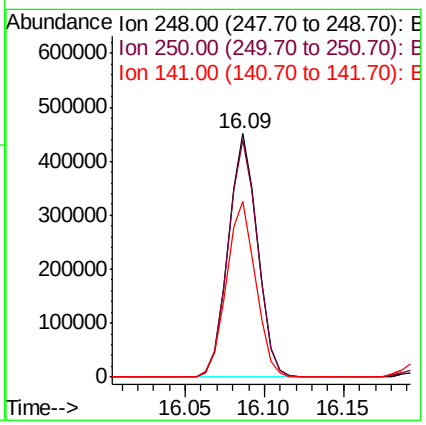


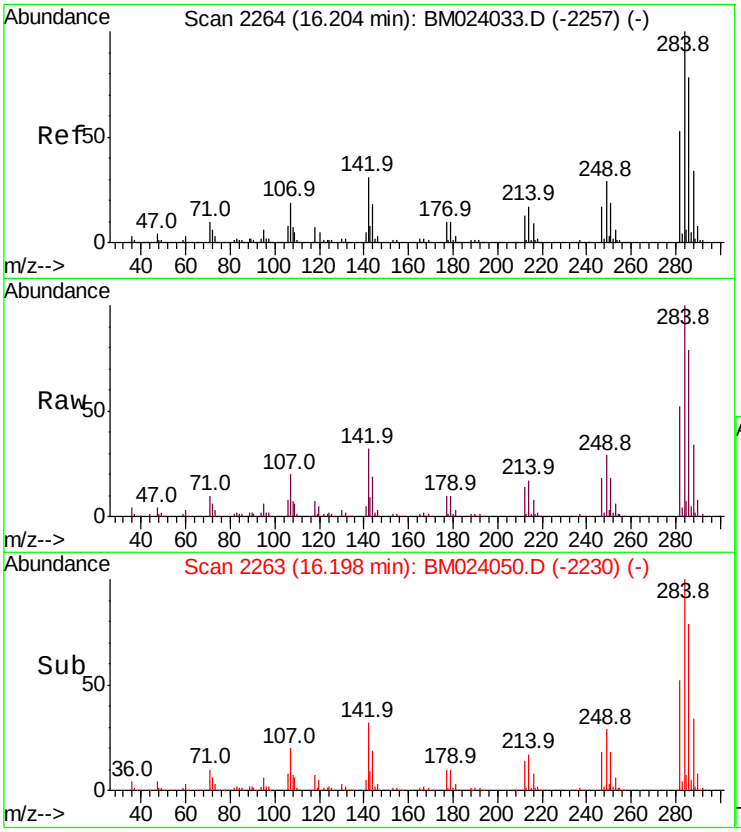


#66
4-Bromophenyl-phenylether
Concen: 18.977 ng/ul
RT: 16.09 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:248 Resp: 572864

Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.1	118.7
141	72.0	58.4	87.6



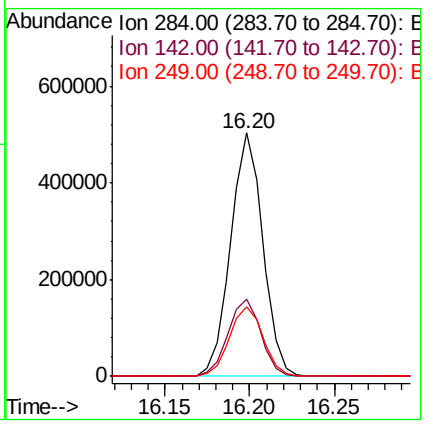


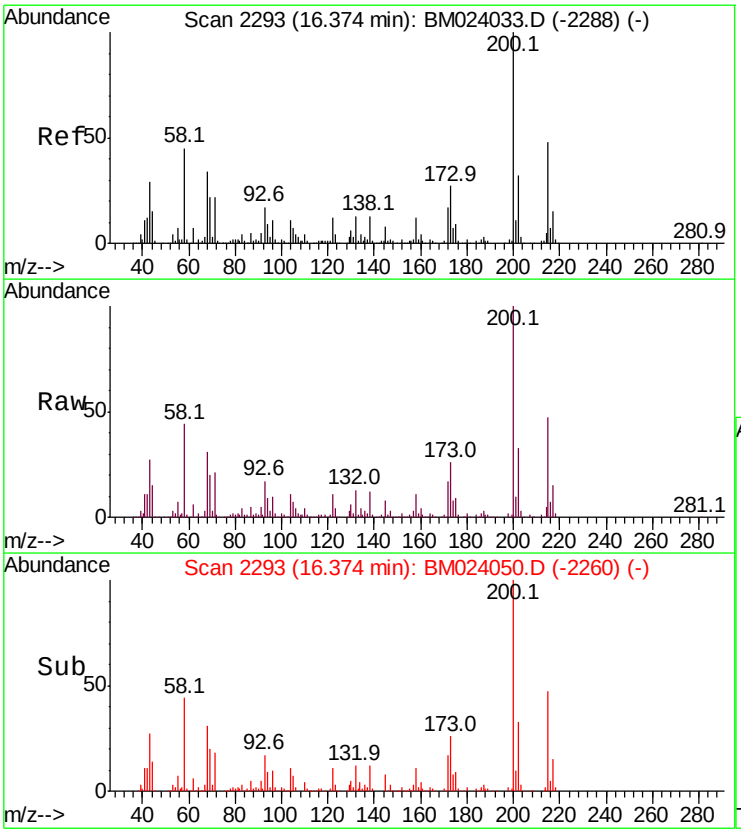
#67
Hexachlorobenzene
Concen: 19.109 ng/ul
RT: 16.20 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:284 Resp: 668590

Ion	Ratio	Lower	Upper
284	100		
142	31.7	23.6	35.4
249	28.8	22.6	33.8

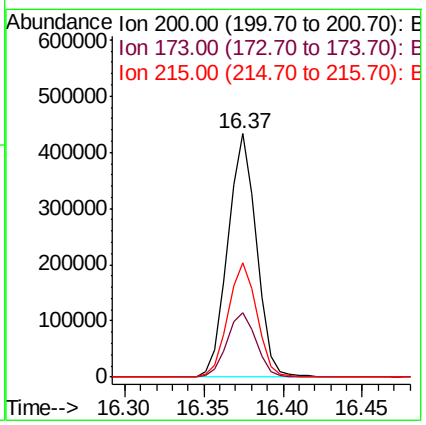


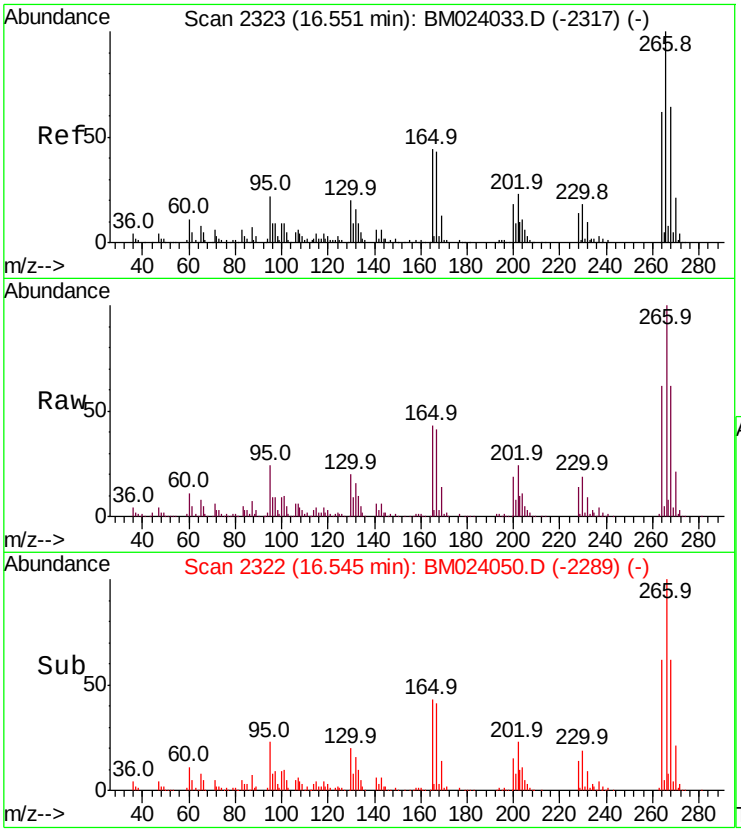


#68
Atrazine
Concen: 19.682 ng/ul
RT: 16.37 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:200 Resp: 541028

Ion	Ratio	Lower	Upper
200	100		
173	26.4	22.2	33.2
215	47.0	38.6	57.8



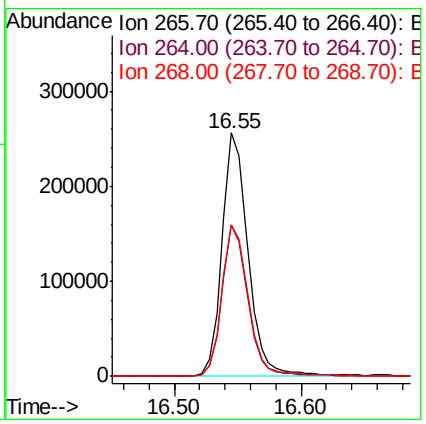


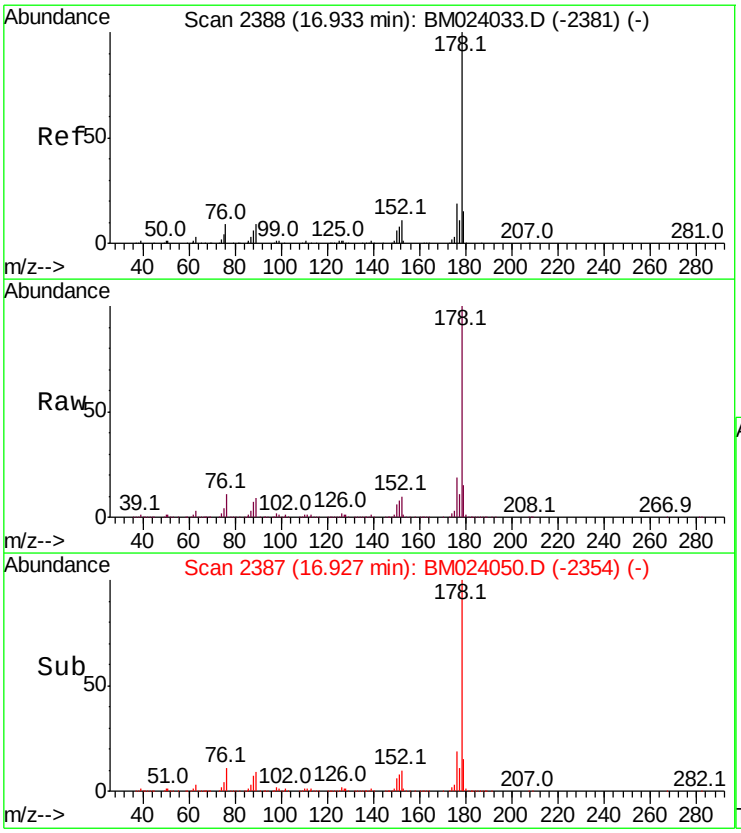
#69
Pentachlorophenol
Concen: 18.396 ng/ul
RT: 16.55 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 364732

Ion	Ratio	Lower	Upper
266	100		
264	62.0	48.2	72.2
268	62.5	49.6	74.4

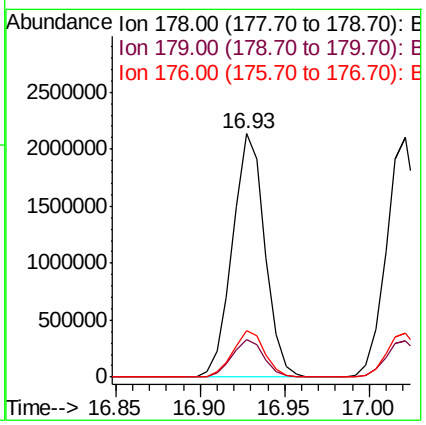


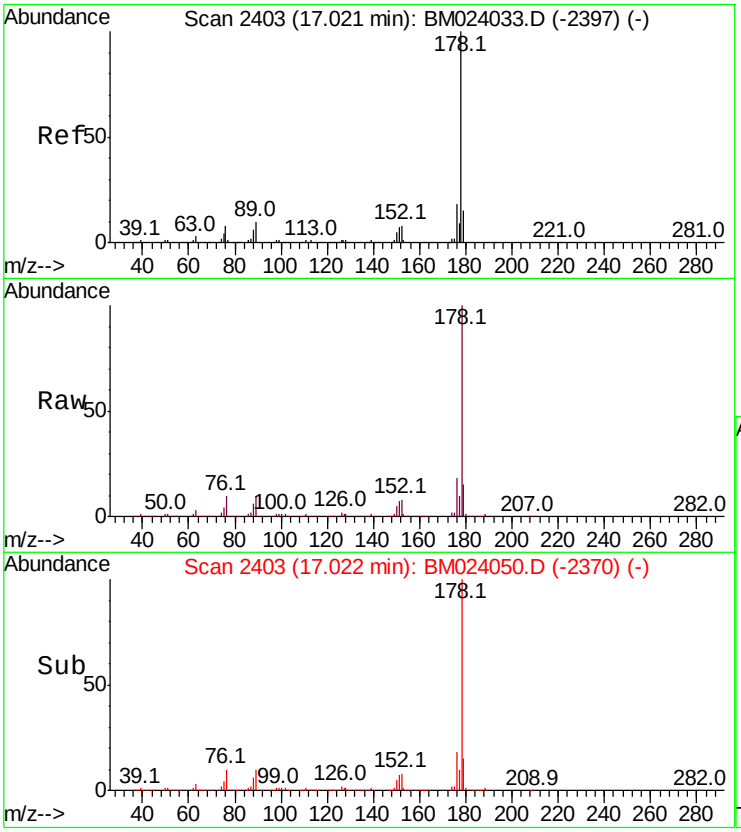


#70
Phenanthrene
Concen: 20.370 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:178 Resp: 2849280

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	19.3	15.1	22.7



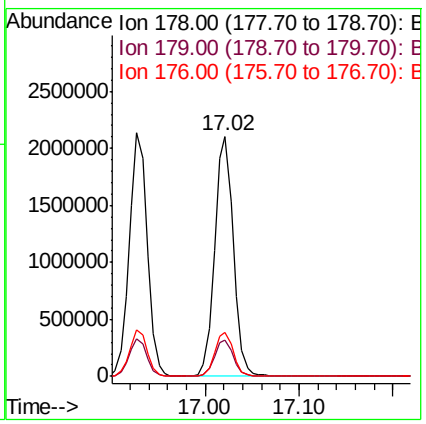


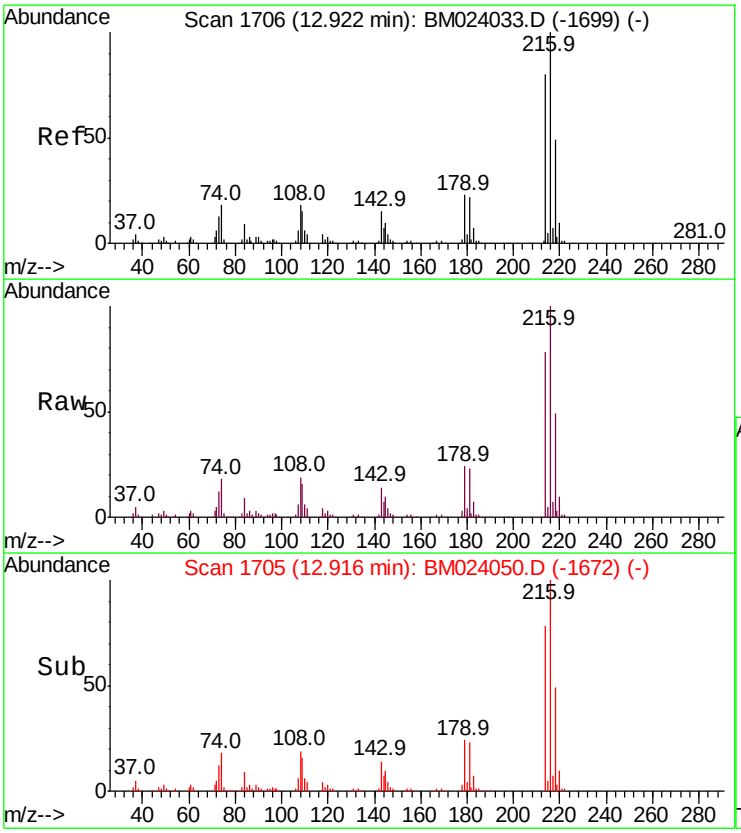
#72
Anthracene
Concen: 20.545 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2917730

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.9	17.9
176	18.1	14.7	22.1

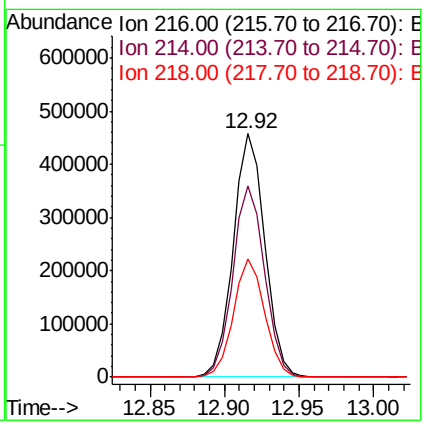


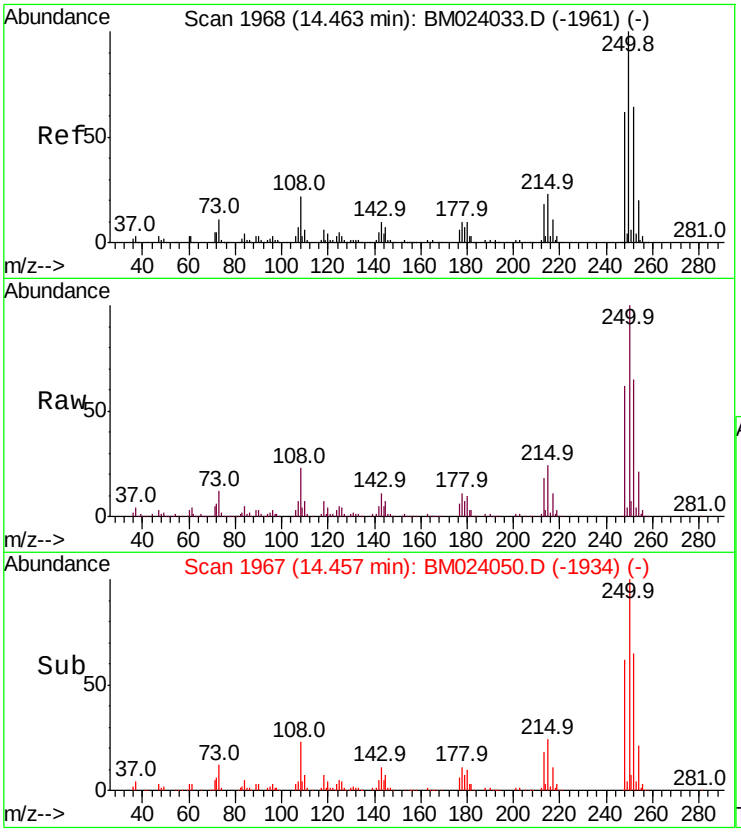


#73
1,2,3,4-Tetrachlorobenzene
Concen: 18.120 ng/uL
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:216 Resp: 674782

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.7	94.1
218	48.6	38.0	57.0



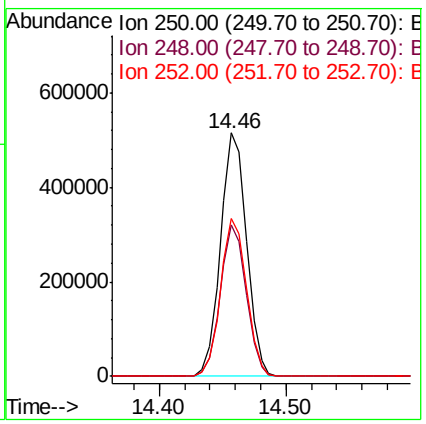


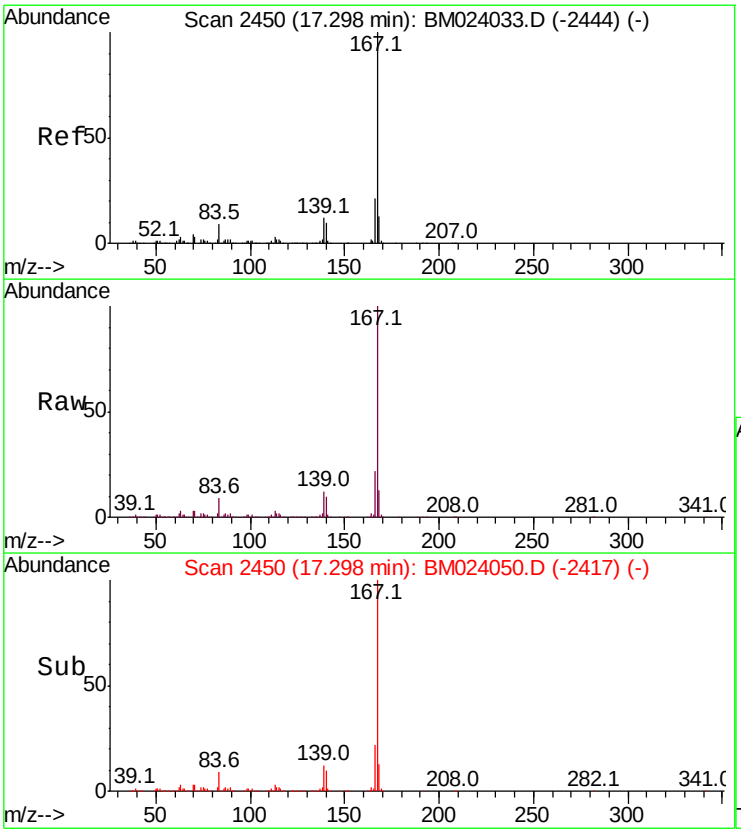
#74
Pentachlorobenzene
Concen: 18.293 ng/uL
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:250 Resp: 732533

Ion	Ratio	Lower	Upper
250	100		
248	62.3	48.6	73.0
252	64.8	51.4	77.2

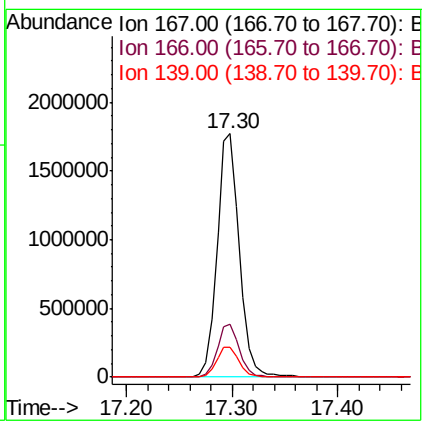


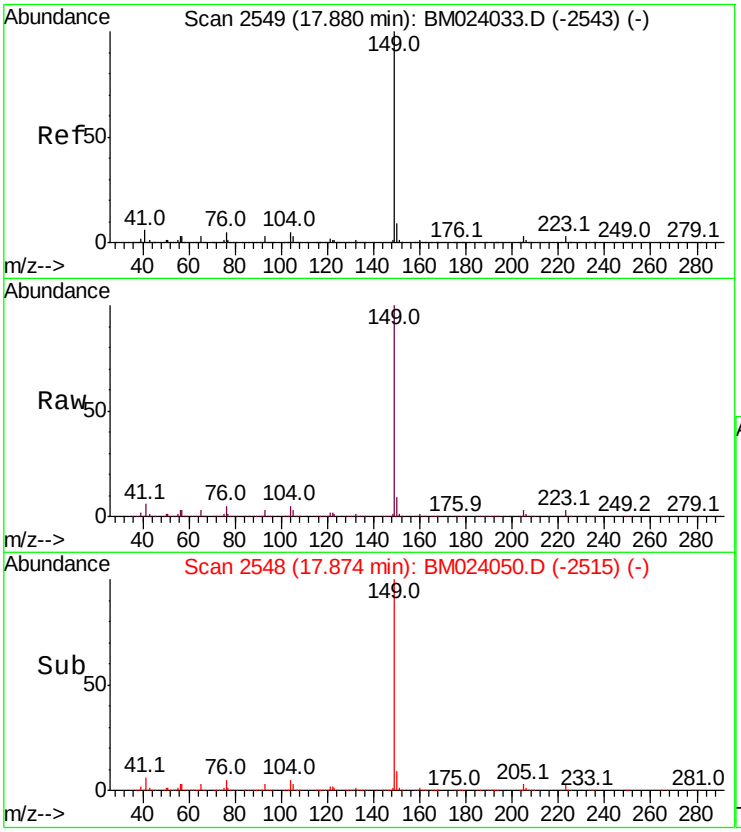


#75
Carbazole
Concen: 21.100 ng/ul
RT: 17.30 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:167 Resp: 2594645

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.3	10.2	15.2



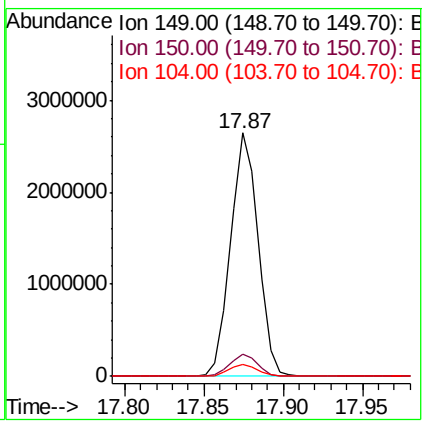


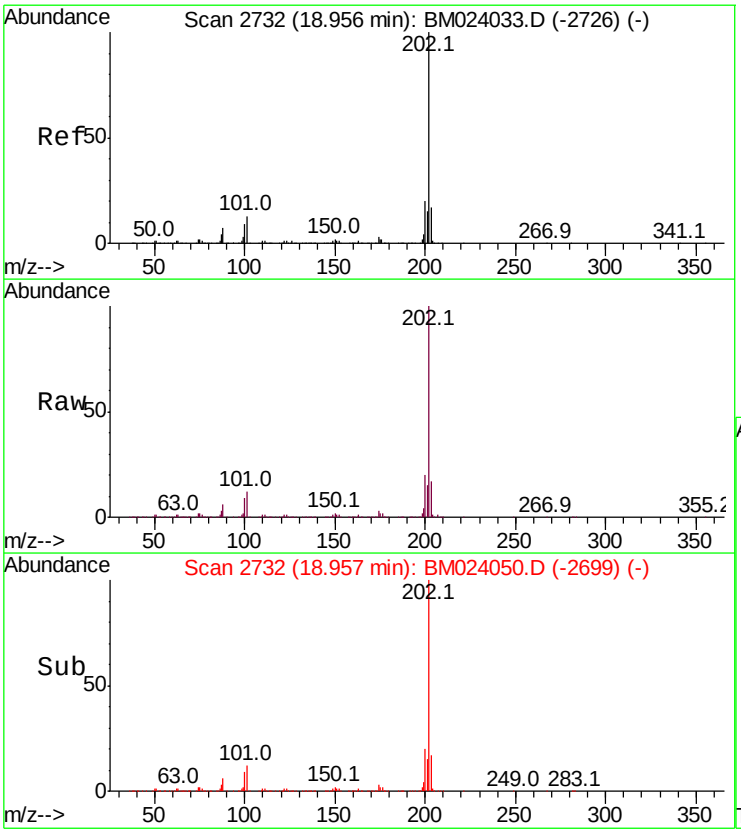
#76
Di-n-butylphthalate
Concen: 20.770 ng/ul
RT: 17.87 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3175854

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.0	3.8	5.6

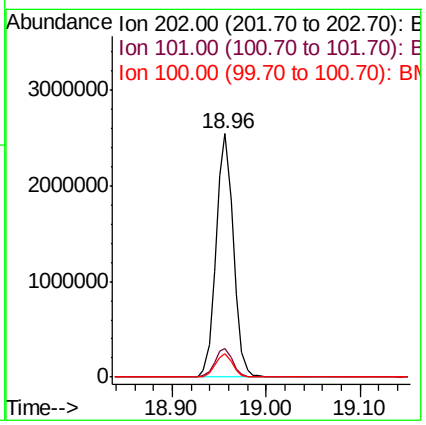


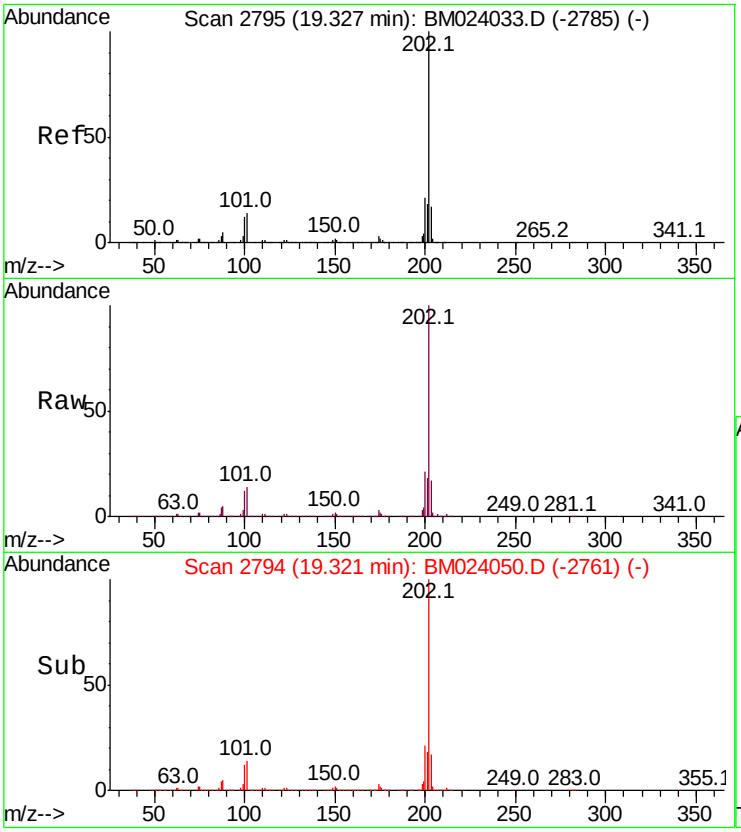


#77
Fluoranthene
Concen: 21.919 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:202 Resp: 3288018

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.1	15.1
100	9.4	7.8	11.6



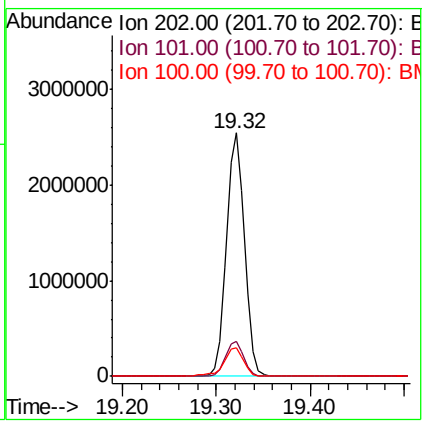


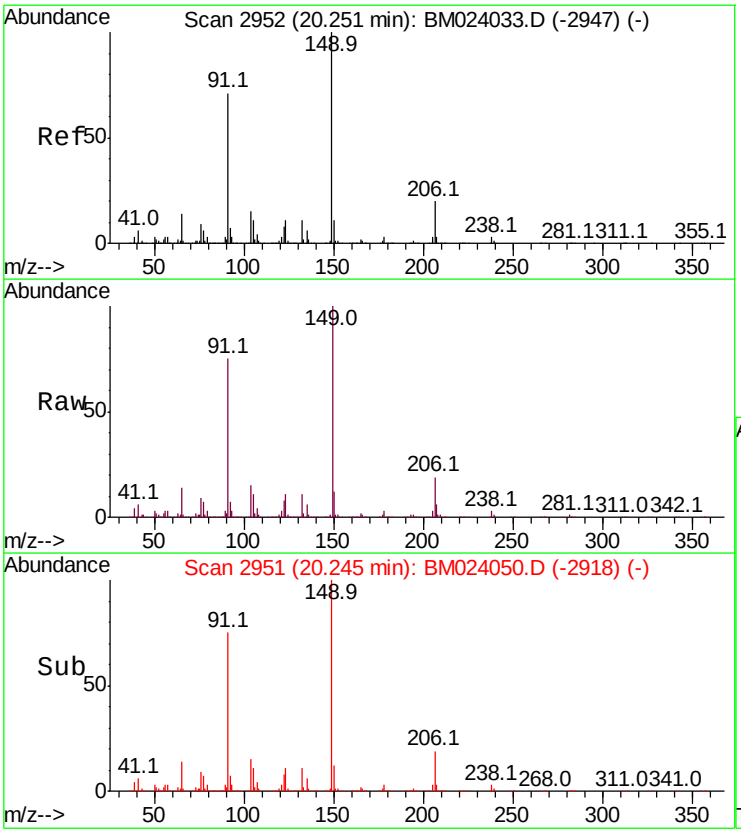
#80
Pyrene
Concen: 22.024 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3392520

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.8	17.6
100	12.0	9.8	14.6

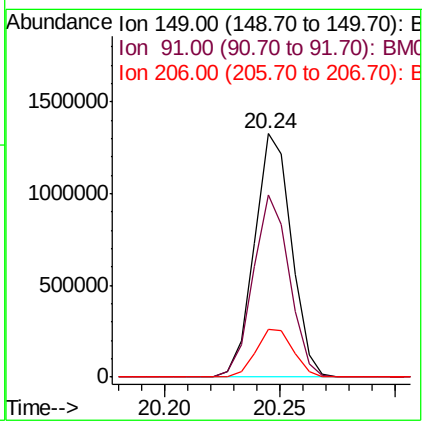


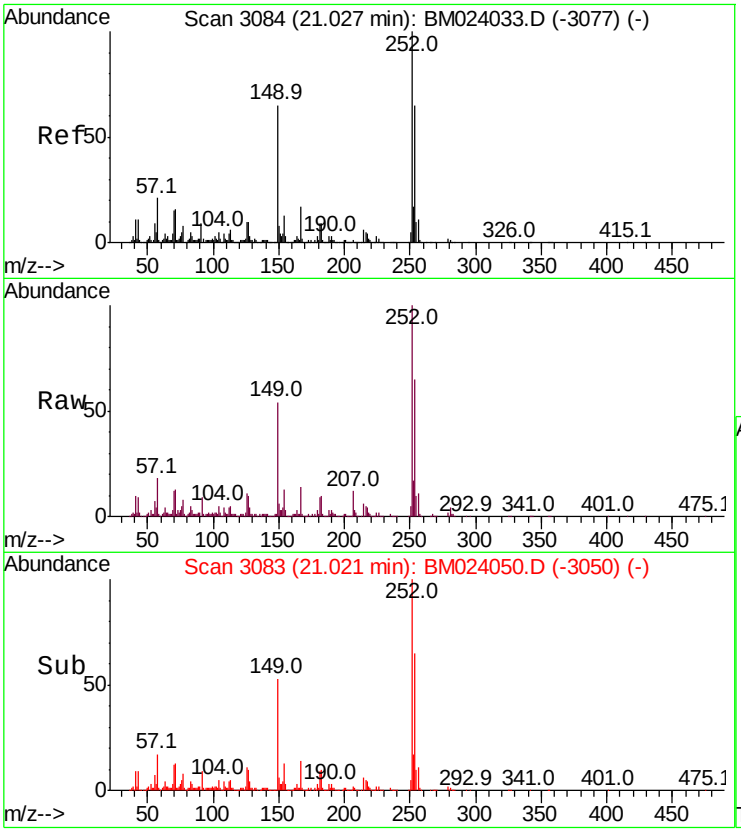


#81
Butylbenzylphthalate
Concen: 22.686 ng/ul
RT: 20.24 min Scan# 2951
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:149 Resp: 1484634

Ion	Ratio	Lower	Upper
149	100		
91	75.0	56.9	85.3
206	19.4	16.2	24.4



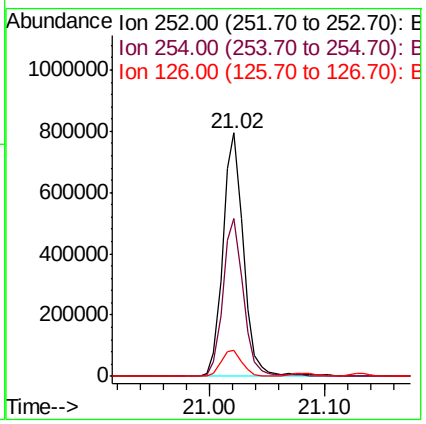


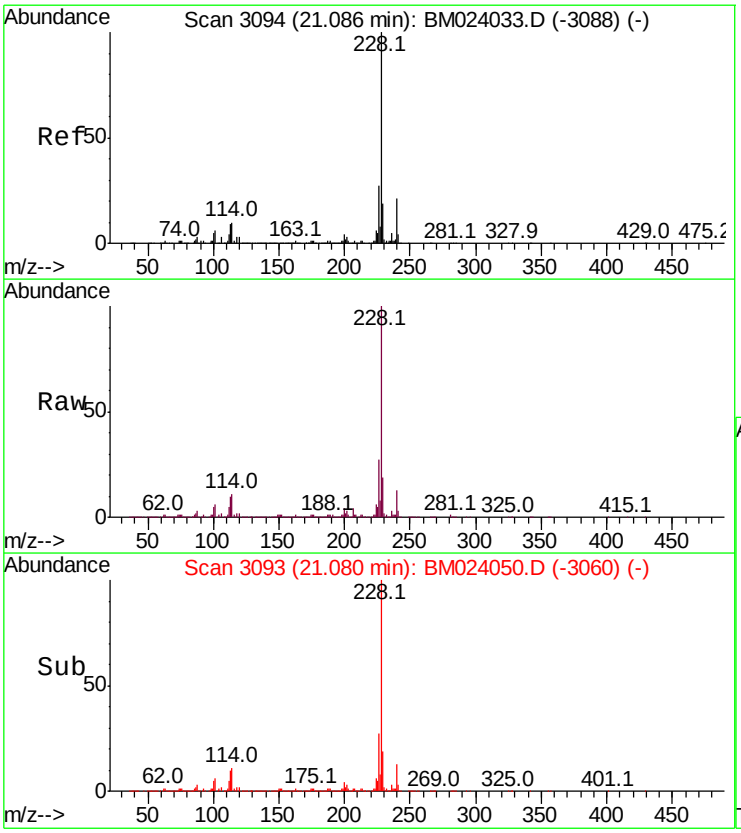
#82
3,3'-Dichlorobenzidine
Concen: 16.955 ng/ul
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 980109

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.8	8.4	12.6

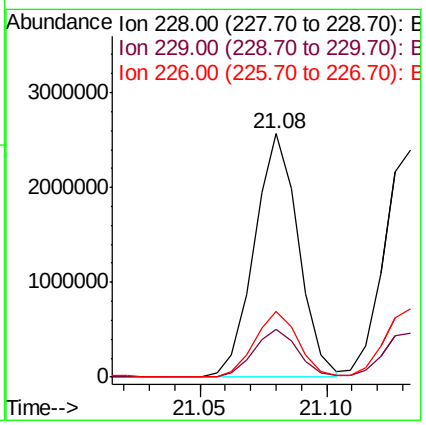


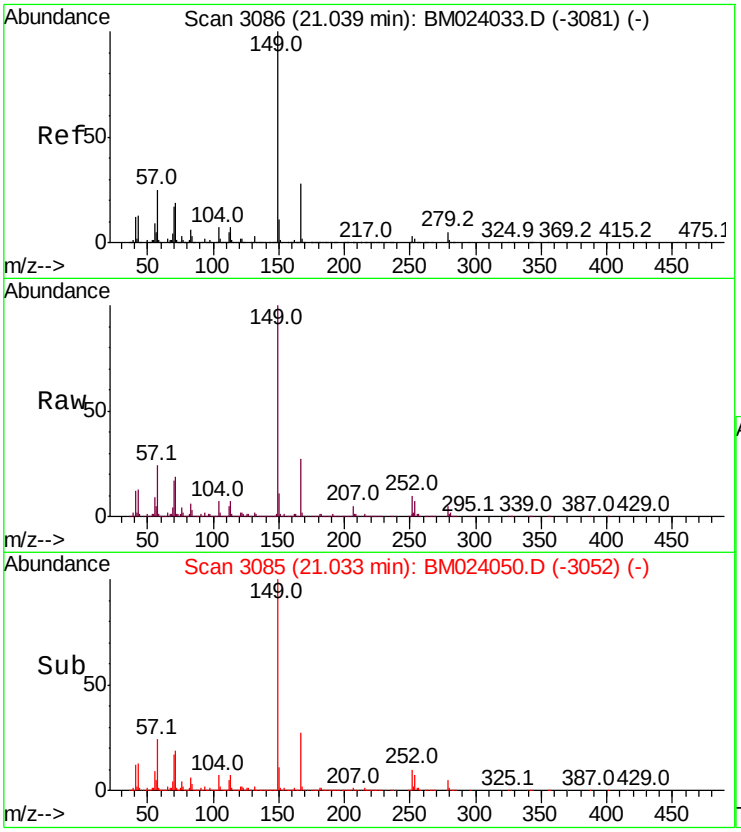


#83
Benzo(a)anthracene
Concen: 20.355 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:228 Resp: 3110505

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.1	21.4	32.0



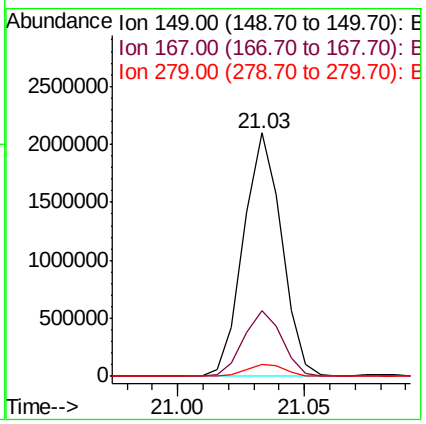


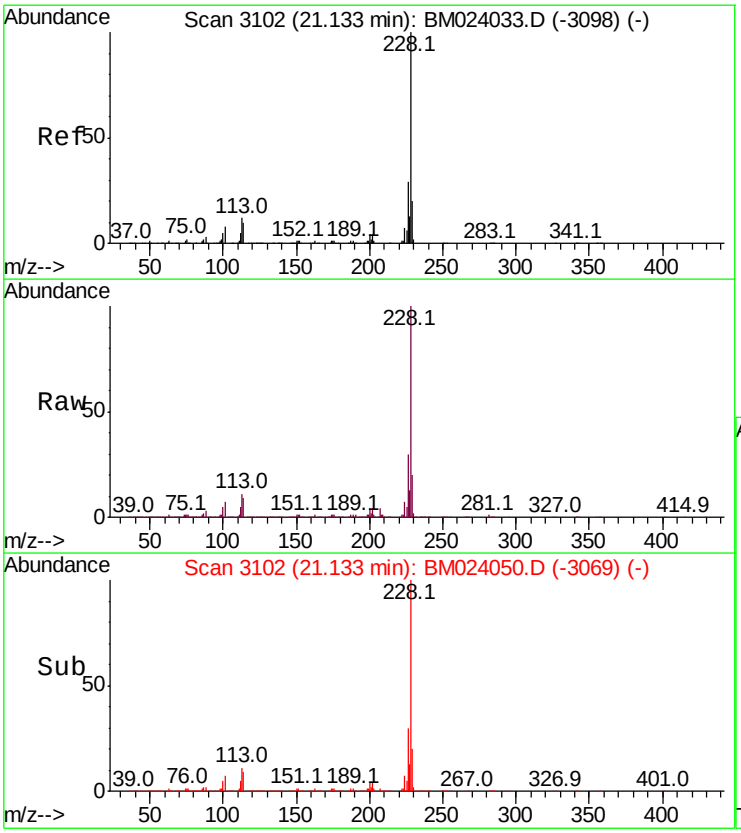
#84
Bis(2-ethylhexyl)phthalate
Concen: 22.725 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 2210339

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	4.9	4.0	6.0

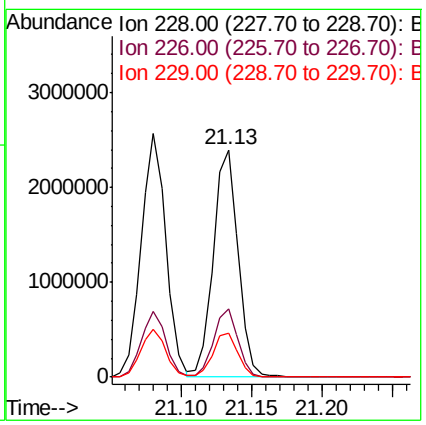


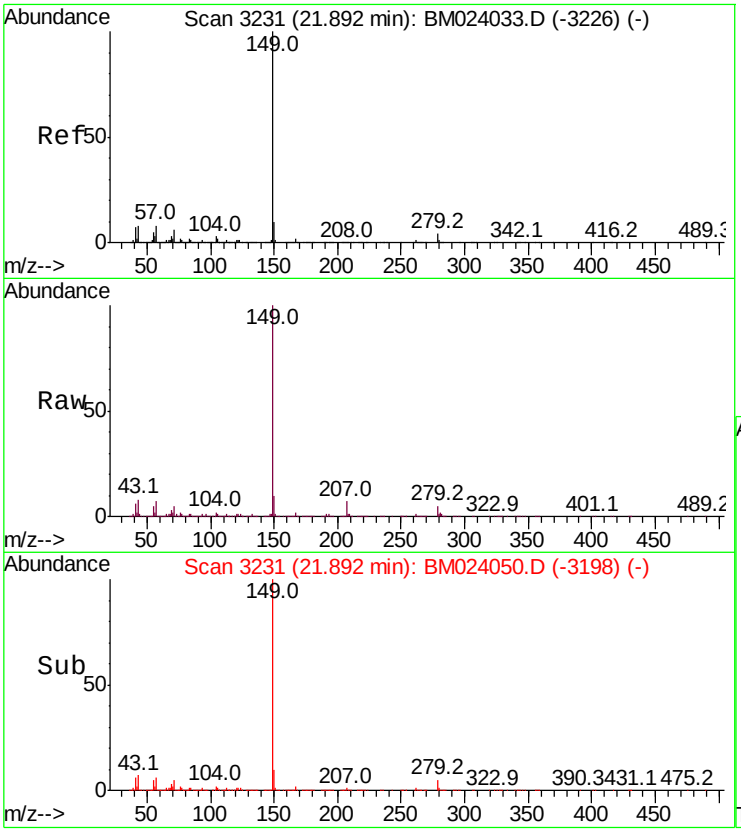


#85
Chrysene
Concen: 20.318 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:228 Resp: 2915610

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	19.6	15.3	22.9

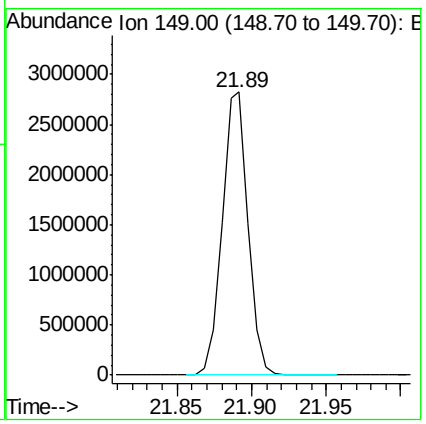


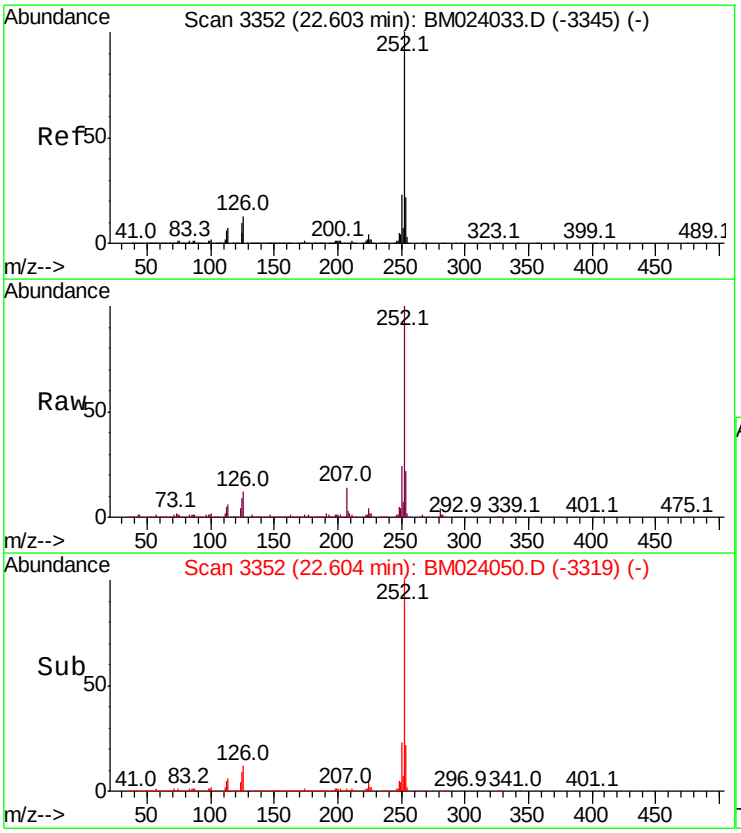


#87
Di-n-octyl phthalate
Concen: 27.514 ng/ul
RT: 21.89 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 3415453

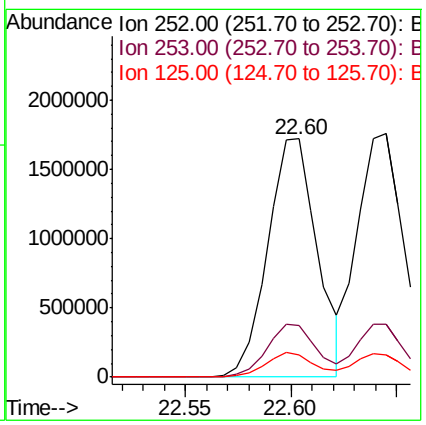


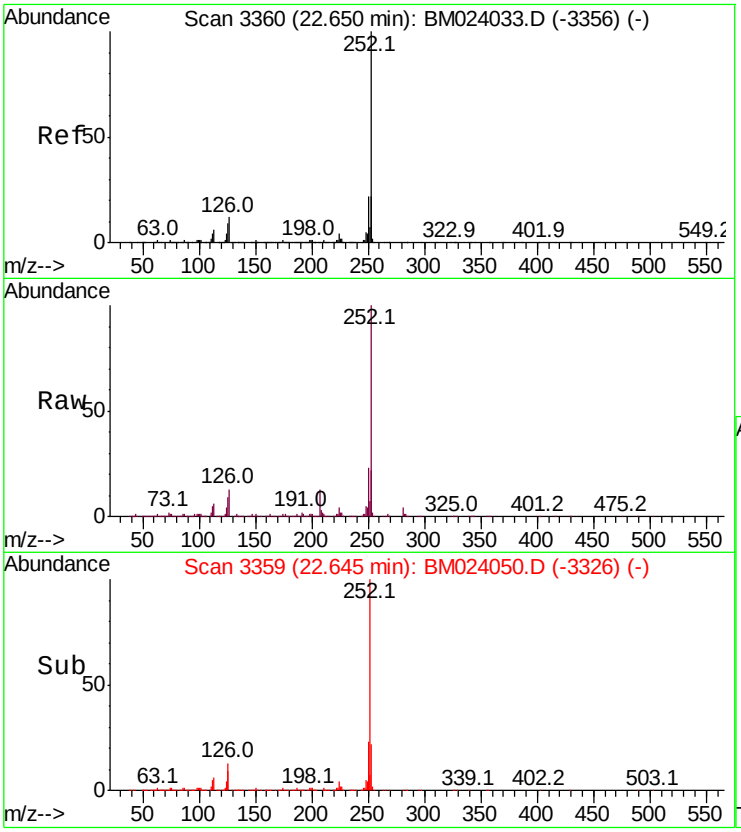


#88
Benzo(b)fluoranthene
Concen: 21.432 ng/ul
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:252 Resp: 2813713

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.4	7.4	11.2



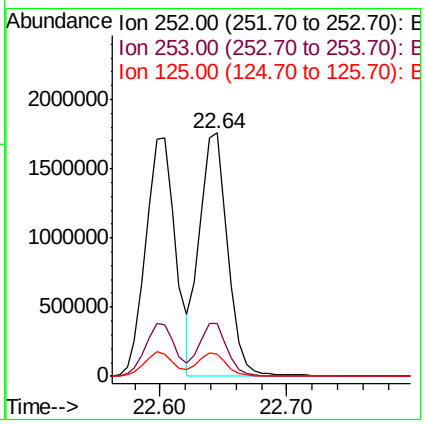


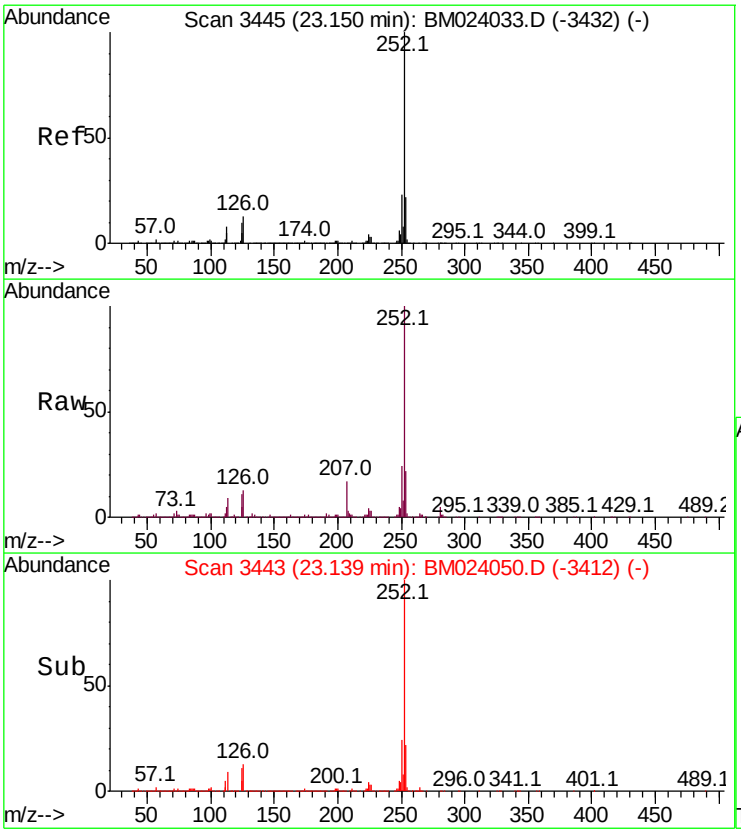
#89
Benzo(k)fluoranthene
Concen: 21.749 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2710505

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.2	7.0	10.4

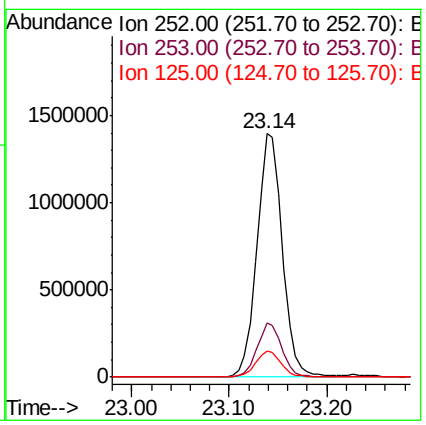


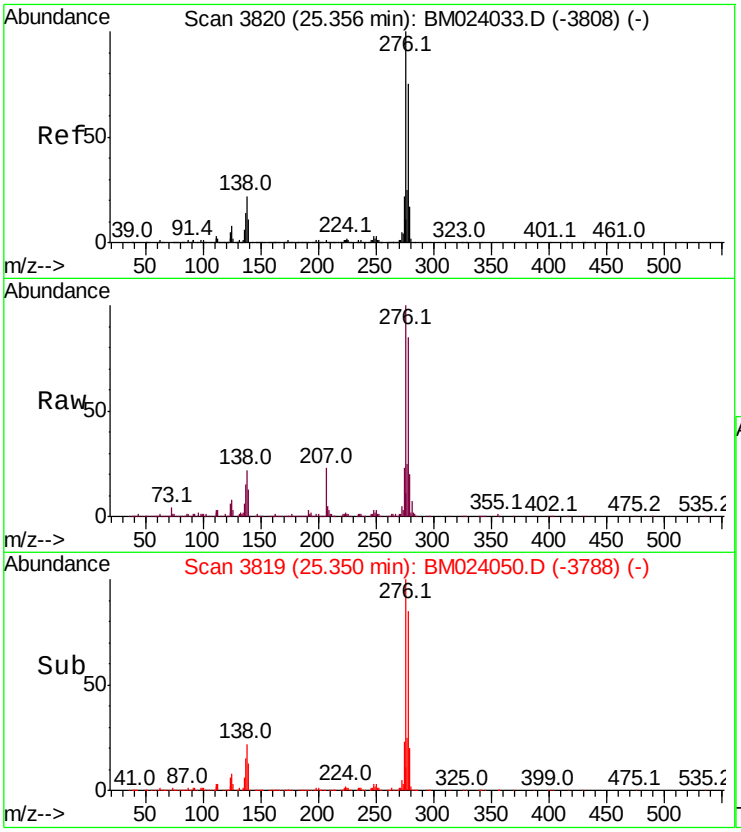


#91
Benzo(a)pyrene
Concen: 20.537 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. -0.02 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:252 Resp: 2549248

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.8	7.8	11.6



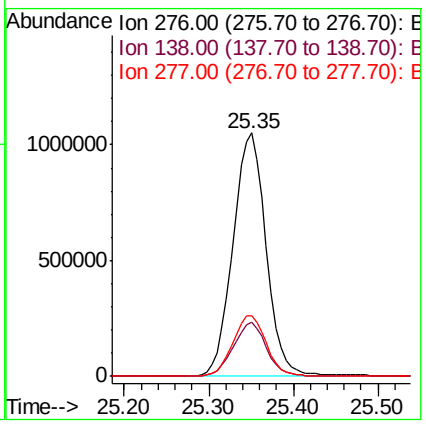


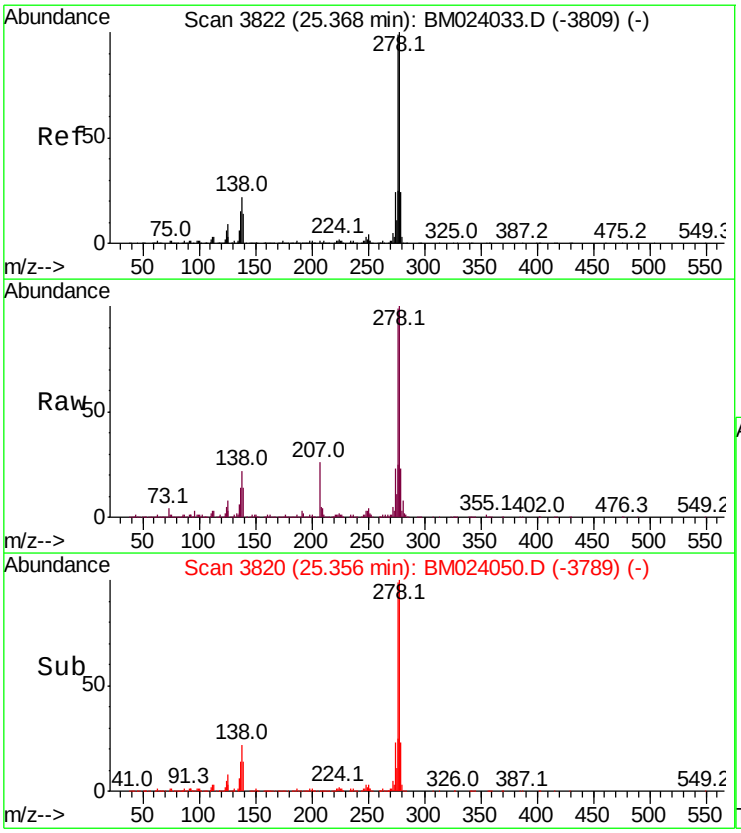
#92
Indeno(1,2,3-cd)pyrene
Concen: 18.565 ng/ul
RT: 25.35 min Scan# 3819
Delta R.T. -0.02 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2861570

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.0	25.6
277	25.1	19.8	29.8

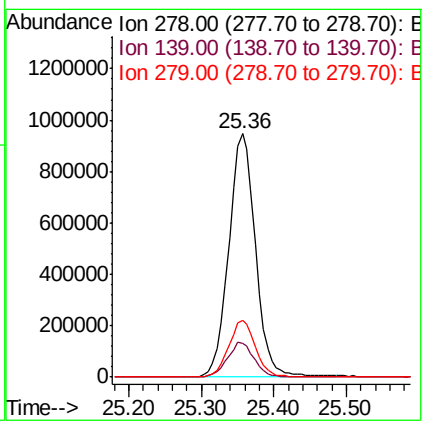


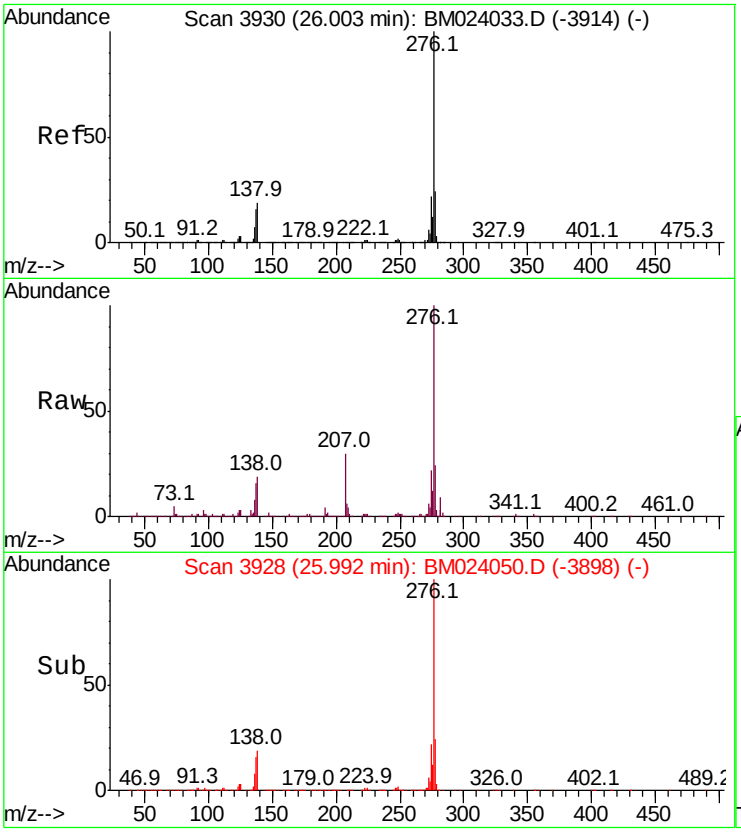


#93
Dibenzo(a,h)anthracene
Concen: 18.762 ng/ul
RT: 25.36 min Scan# 3820
Delta R.T. -0.02 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Tgt Ion:278 Resp: 2429041

Ion	Ratio	Lower	Upper
278	100		
139	14.1	11.6	17.4
279	23.3	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 18.415 ng/ul
RT: 25.99 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BM024050.D
Acq: 12 Dec 2019 10:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2377157

Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.9	22.3
277	23.8	19.1	28.7