Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (Not Reviewed)

Data File : BM024205.D
Acq On : 20 Dec 2019 16:04
Operator : JU
Sample : K4649-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5169MSD

Quant Time: Dec 21 00:39:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	275064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1231326	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	805461	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1710996	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1667376	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1878276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	59179	9.50	ng/uL	0.00
5) Phenol-d5	6.63	99	541212	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	353280	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	414133	22.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	431979	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	201532	22.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	221639	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	434657	22.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	566121	24.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1382060	23.20	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1589672	22.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	212474	19.87	ng/ul	0.00
58) Fluorene-d10	15.10	176	1159200	22.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	220913	21.16	ng/ul	0.00
71) Anthracene-d10	16.96	188	1776556	22.82	ng/ul	0.00
79) Pyrene-d10	19.26	212	1875945	23.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2160340	23.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	63082	9.146	ng/uL	93
4) Benzaldehyde	6.59	77	358641	21.301	ng/ul	98
6) Phenol	6.66	94	560121	20.827	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.88	93	448625	21.528	ng/ul	97
10) 2-Chlorophenol	7.00	128	429958	22.569	ng/ul	98
11) 2-Methylphenol	7.89	108	406277	20.318	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.97	45	550605	22.941	ng/ul	100
14) Acetophenone	8.26	105	688596	21.447	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	403598	22.755	ng/ul	98
16) 4-Methylphenol	8.22	108	458997	20.675	ng/ul	99
17) Hexachloroethane	8.49	117	181374	23.066	ng/ul	97
20) Nitrobenzene	8.63	77	551471	22.423	ng/ul	99
21) Isophorone	9.16	82	1039293	22.608	ng/ul	100
23) 2-Nitrophenol	9.33	139	245234	22.897	ng/ul	91
24) 2,4-Dimethylphenol	9.41	107	525764	22.757	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	645539	22.605	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	417079	22.533	ng/ul	99
28) Naphthalene	10.25	128	1407596	21.815	ng/ul	100
30) 4-Chloroaniline	10.38	127	574573	24.783	ng/ul	99
31) Hexachlorobutadiene	10.54	225	258931	22.628	ng/ul	97
32) Caprolactam	11.17	113	73675	10.534	ng/ul	98
33) 4-Chloro-3-methylphenol	11.52	107	482133	21.707	ng/ul	99
34) 2-Methylnaphthalene	11.88	142	1043144	22.618	ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (Not Reviewed)

Data File : BM024205.D
Acq On : 20 Dec 2019 16:04
Operator : JU
Sample : K4649-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5169MSD

Quant Time: Dec 21 00:39:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	1024394	21.761	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	502963	23.100	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	153027	15.598	ng/ul	96
39) 2,4,6-Trichlorophenol	12.52	196	328292	22.798	ng/ul	97
40) 2,4,5-Trichlorophenol	12.60	196	352826	22.728	ng/ul	97
41) 1,1'-Biphenyl	12.92	154	1368457	22.761	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	1044109	22.104	ng/ul	99
43) 2-Nitroaniline	13.18	65	318113	22.969	ng/ul	97
45) Dimethylphthalate	13.57	163	1367424	22.090	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	268199	21.995	ng/ul	97
48) Acenaphthylene	13.82	152	1608827	21.233	ng/ul	99
49) 3-Nitroaniline	14.02	138	260739	22.531	ng/ul	93
50) Acenaphthene	14.16	153	1138879	21.860	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	122512	17.879	ng/ul	96
53) 4-Nitrophenol	14.36	109	173799	20.381	ng/ul	93
54) Dibenzofuran	14.50	168	1629919	22.504	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	397471	21.584	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.74	232	321052	22.877	ng/ul	96
57) Diethylphthalate	14.95	149	1432217	22.757	ng/ul	100
59) Fluorene	15.16	166	1324381	21.653	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	655499	22.039	ng/ul	96
61) 4-Nitroaniline	15.20	138	254508	19.917	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.27	198	230164	20.646	ng/ul	99
65) N-Nitrosodiphenylamine	15.38	169	1165001	23.418	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	425195	23.379	ng/ul	99
67) Hexachlorobenzene	16.16	284	495732	22.261	ng/ul	98
68) Atrazine	16.34	200	414649	22.422	ng/ul	99
69) Pentachlorophenol	16.52	266	243318	20.851	ng/ul	97
70) Phenanthrene	16.90	178	2097335	21.895	ng/ul	99
72) Anthracene	16.99	178	2153948	22.367	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	504513	23.494	ng/uL	98
74) Pentachlorobenzene	14.43	250	548698	23.201	ng/uL	97
75) Carbazole	17.27	167	1880231	22.728	ng/ul	99
76) Di-n-butylphthalate	17.84	149	2459076	24.786	ng/ul	99
77) Fluoranthene	18.93	202	2386558	22.859	ng/ul	100
80) Pyrene	19.29	202	2462011	22.618	ng/ul	100
81) Butylbenzylphthalate	20.22	149	1115799	26.019	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	853489	23.059	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2437555	22.945	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1725931	27.007	ng/ul	100
85) Chrysene	21.11	228	2280224	21.898	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2866500	28.246	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2554051	22.726	ng/ul	100
89) Benzo(k)fluoranthene	22.61	252	2490720	22.587	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2422455	23.827	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2914425	23.873	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2453792	23.974	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	2406487	24.143	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

Quantitation Report (Not Reviewed)

Data File : BM024205.D
Acq On : 20 Dec 2019 16:04
Operator : JU
Sample : K4649-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Quant Time: Dec 21 00:39:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

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

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

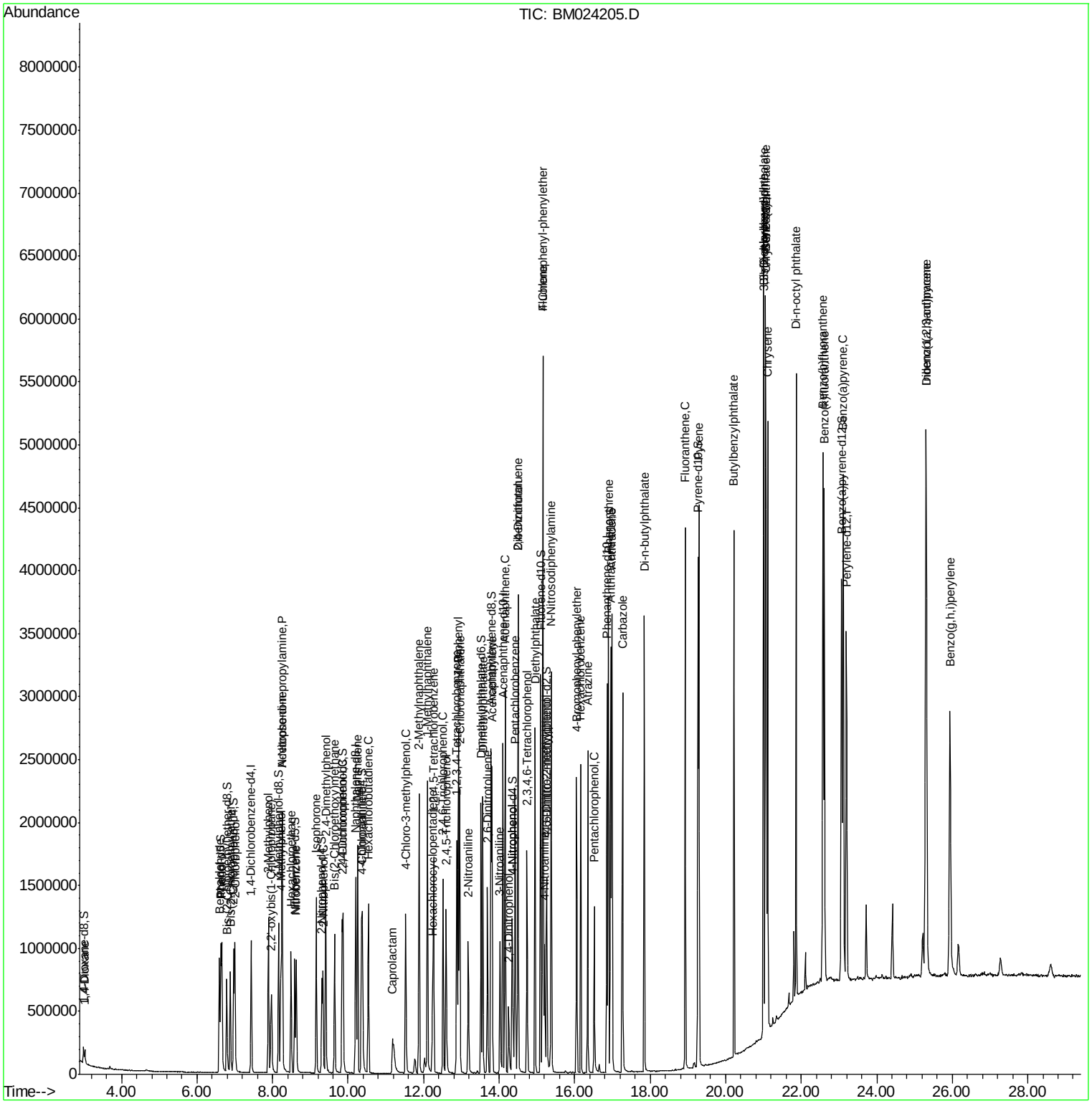
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121919\

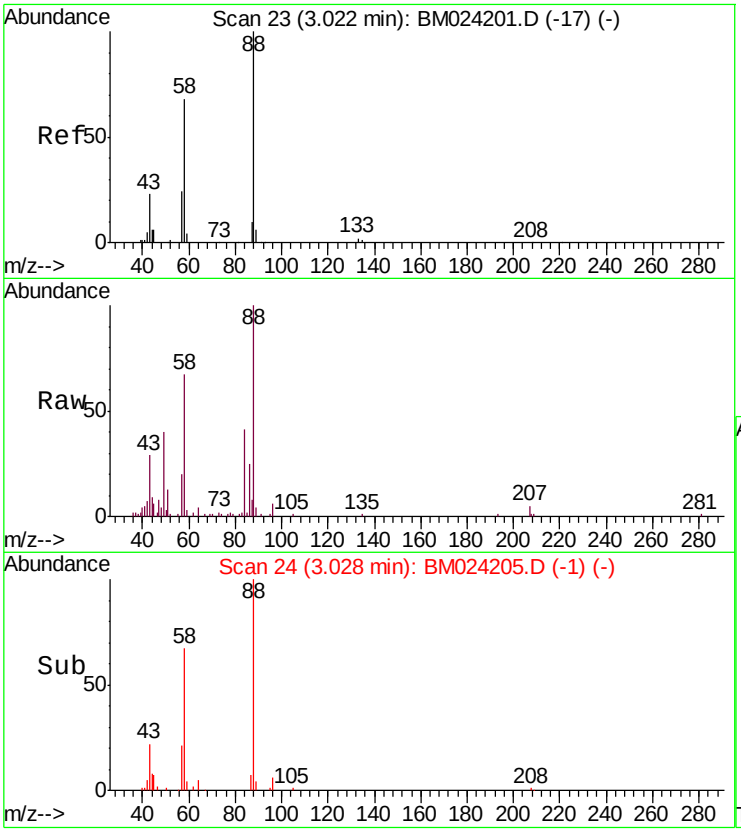
Quantitation Report (Not Reviewed)

Data File : BM024205.D
Acq On : 20 Dec 2019 16:04
Operator : JU
Sample : K4649-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Quant Time: Dec 21 00:39:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration



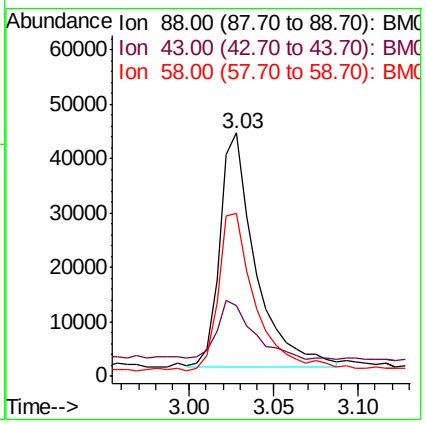


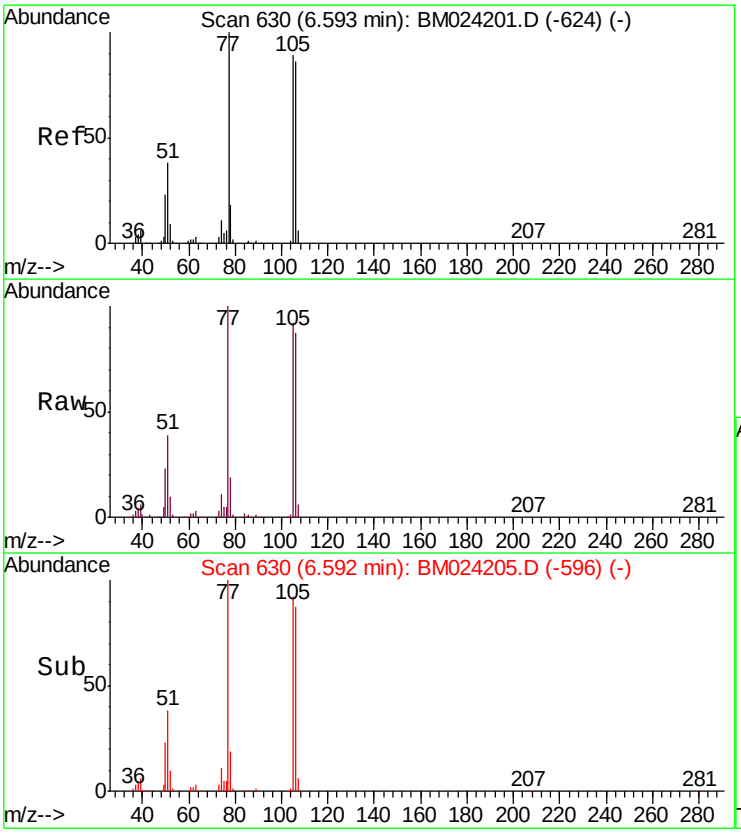
#2
1,4-Dioxane
Concen: 9.146 ng/uL
RT: 3.03 min Scan# 24
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion: 88 Resp: 63082

Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.9	38.9
58	66.7	48.8	73.2

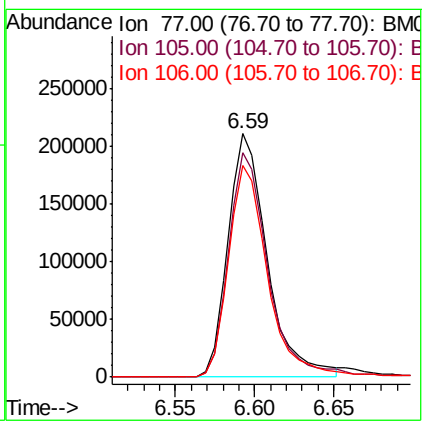


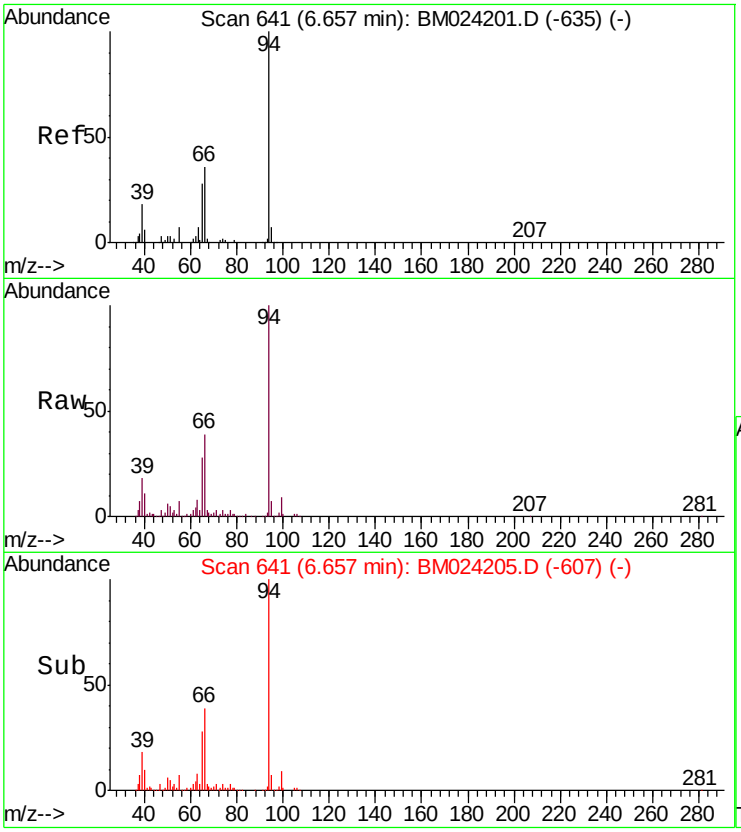


#4
Benzaldehyde
Concen: 21.301 ng/ul
RT: 6.59 min Scan# 630
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion: 77 Resp: 358641

Ion	Ratio	Lower	Upper
77	100		
105	91.9	72.2	108.2
106	87.0	67.3	100.9



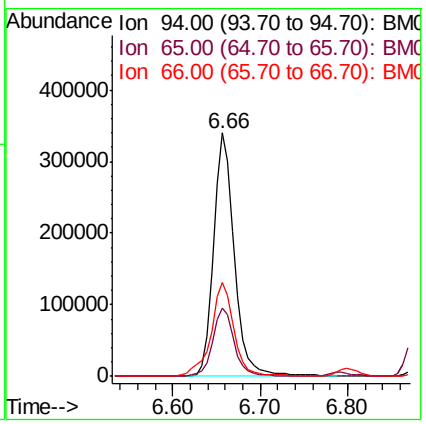


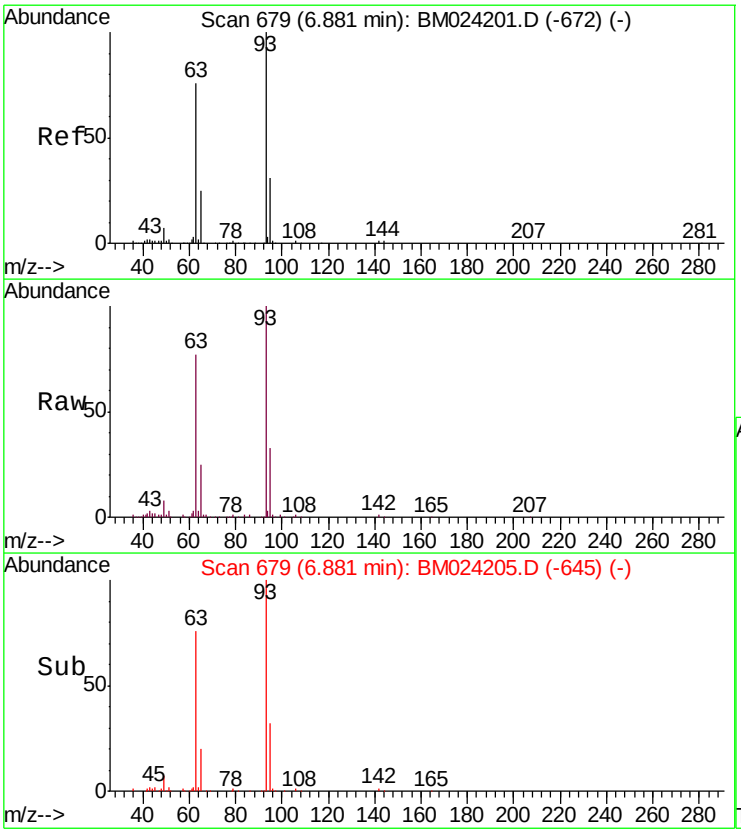
#6
Phenol
Concen: 20.827 ng/ul
RT: 6.66 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion: 94 Resp: 560121

Ion	Ratio	Lower	Upper
94	100		
65	27.9	22.6	33.8
66	38.5	30.7	46.1

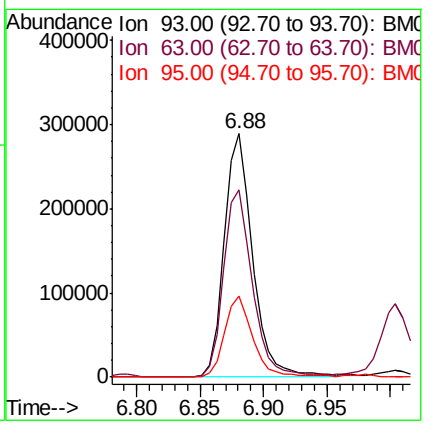


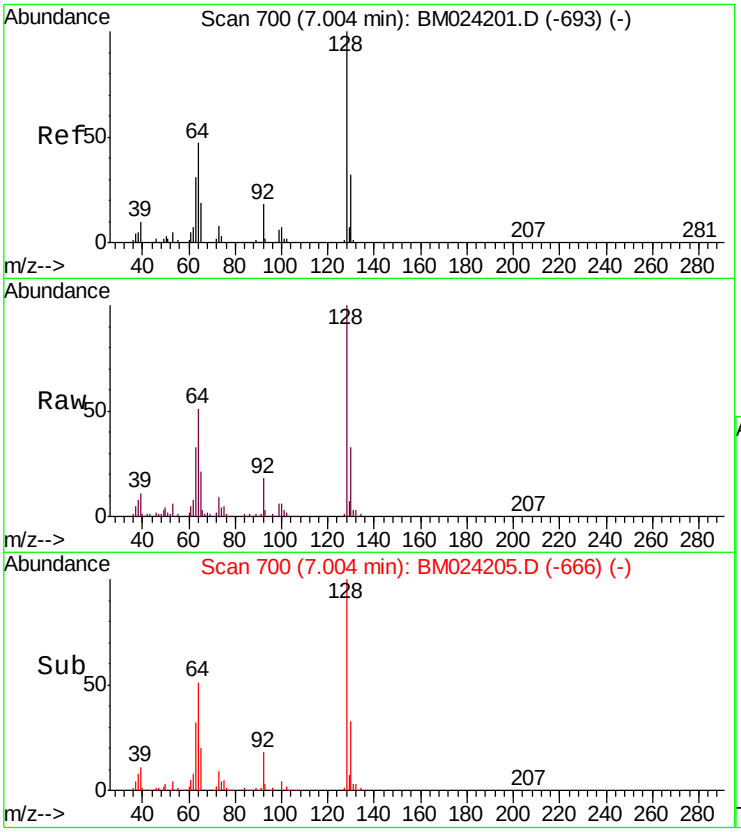


#8
Bis(2-Chloroethyl)ether
Concen: 21.528 ng/ul
RT: 6.88 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion: 93 Resp: 448625

Ion	Ratio	Lower	Upper
93	100		
63	77.0	59.8	89.6
95	33.0	25.4	38.2



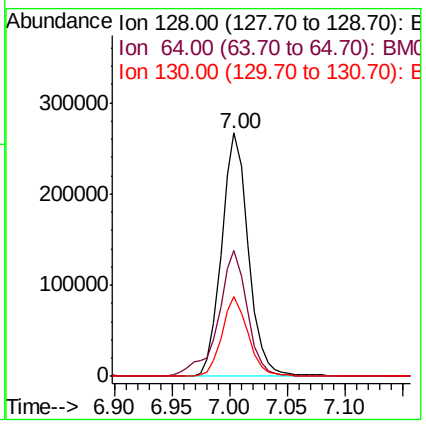


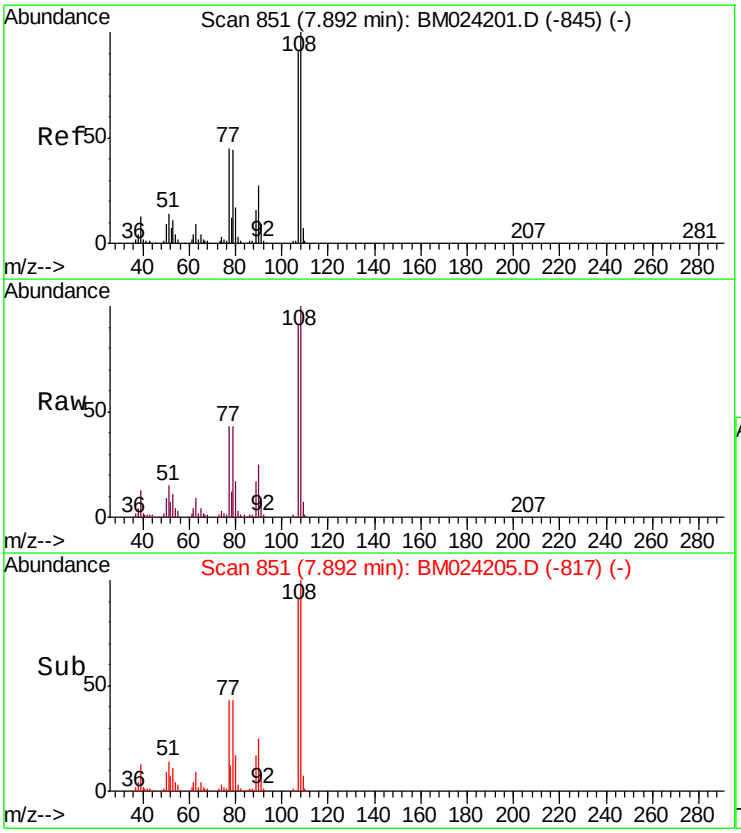
#10
2-Chlorophenol
Concen: 22.569 ng/ul
RT: 7.00 min Scan# 700
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:128 Resp: 429958

Ion	Ratio	Lower	Upper
128	100		
64	51.4	40.6	61.0
130	32.9	25.1	37.7

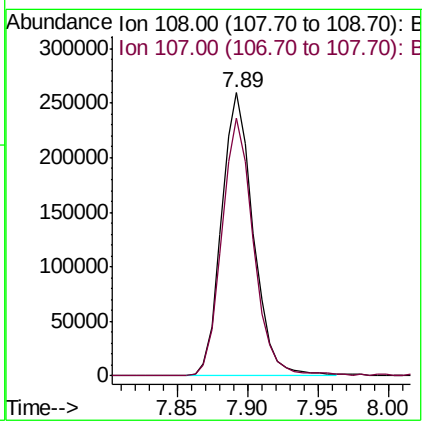


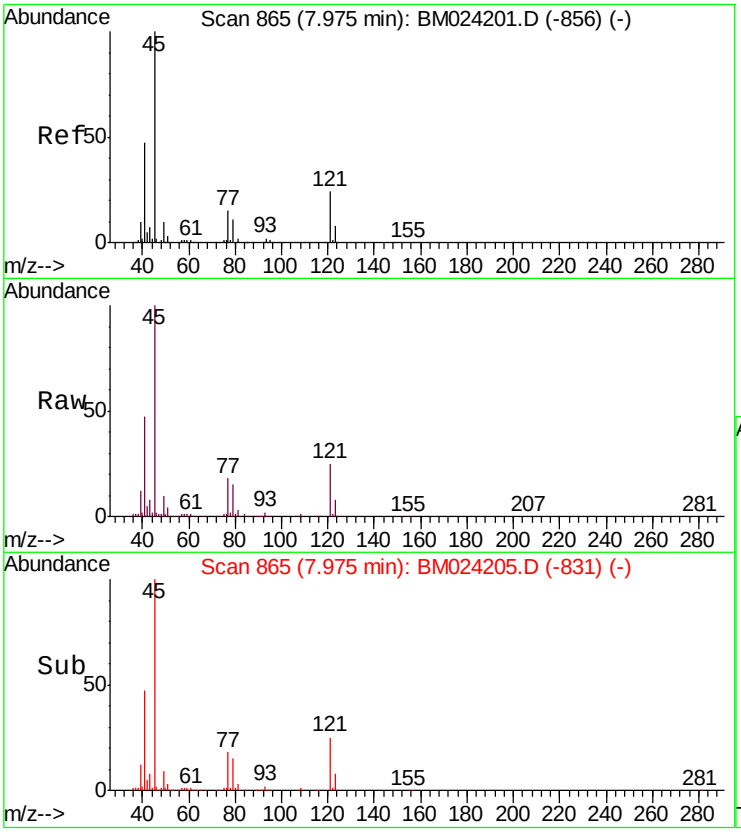


#11
2-Methylphenol
Concen: 20.318 ng/ul
RT: 7.89 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:108 Resp: 406277

Ion	Ratio	Lower	Upper
108	100		
107	91.0	72.7	109.1



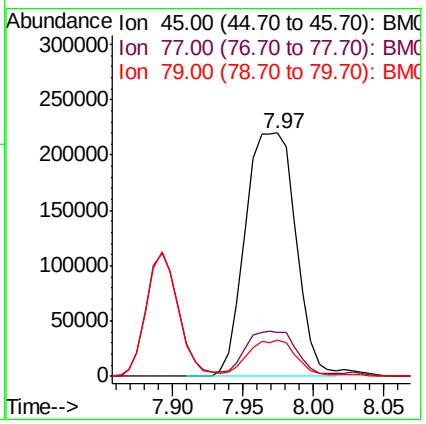


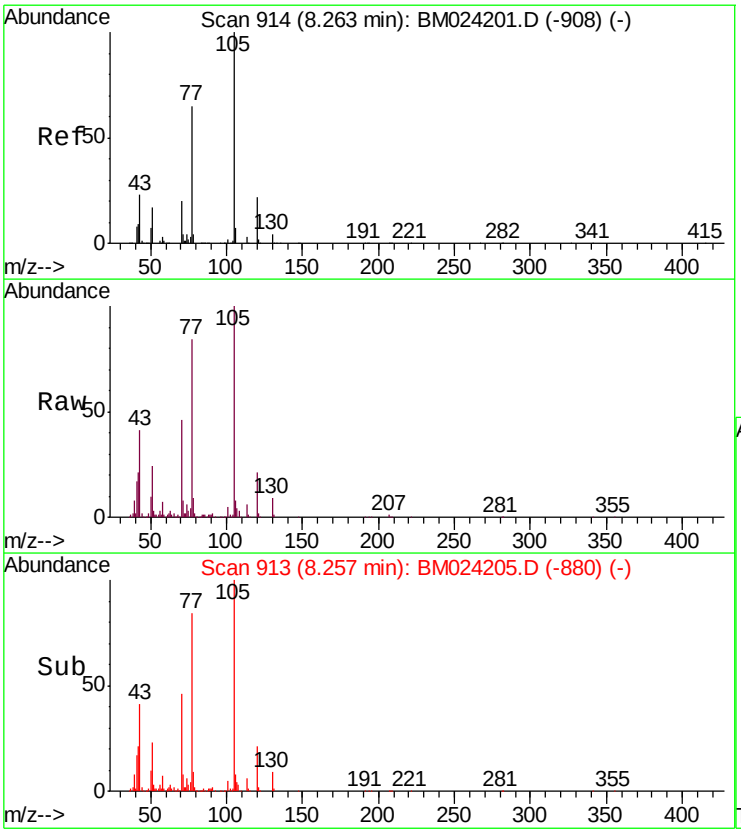
#12
2,2'-oxybis(1-Chloropropane)
Concen: 22.941 ng/ul
RT: 7.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion: 45 Resp: 550605

Ion	Ratio	Lower	Upper
45	100		
77	18.0	14.6	21.8
79	15.0	11.8	17.8

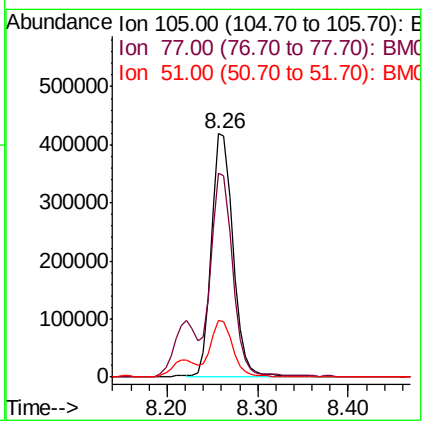


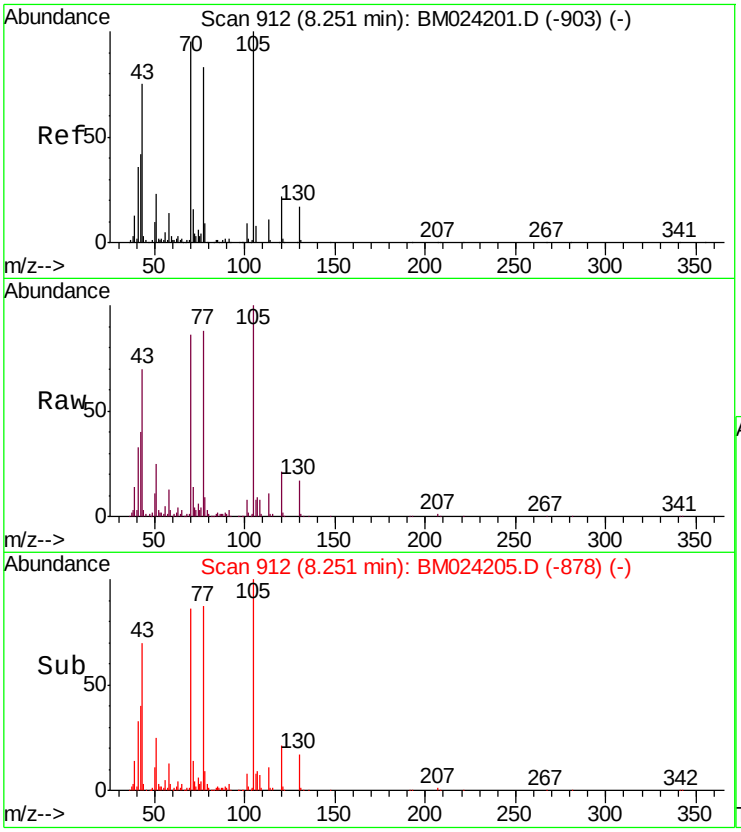


#14
Acetophenone
Concen: 21.447 ng/ul
RT: 8.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:105 Resp: 688596

Ion	Ratio	Lower	Upper
105	100		
77	83.9	65.6	98.4
51	23.5	18.3	27.5



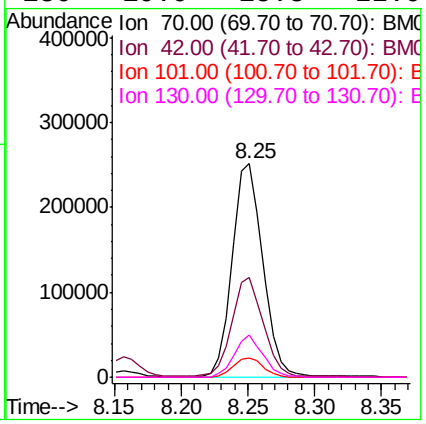


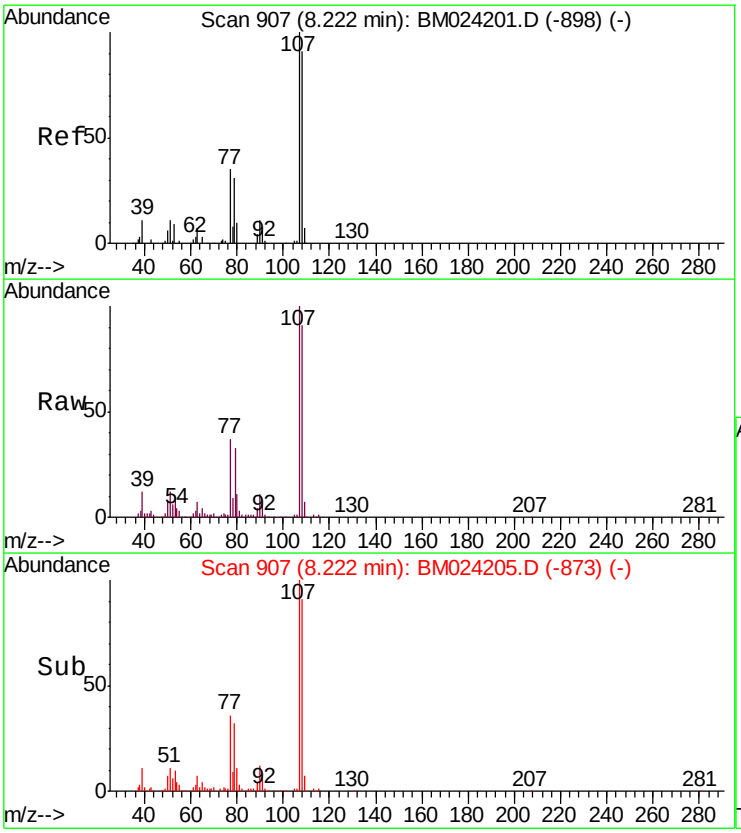
#15
N-Nitroso-di-n-propylamine
Concen: 22.755 ng/ul
RT: 8.25 min Scan# 912
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion: 70 Resp: 403598

Ion	Ratio	Lower	Upper
70	100		
42	46.6	36.2	54.4
101	9.2	7.7	11.5
130	19.9	15.3	22.9

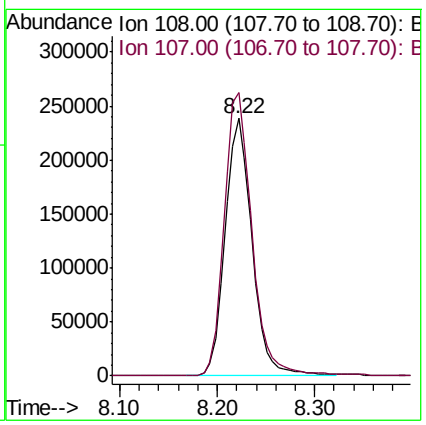


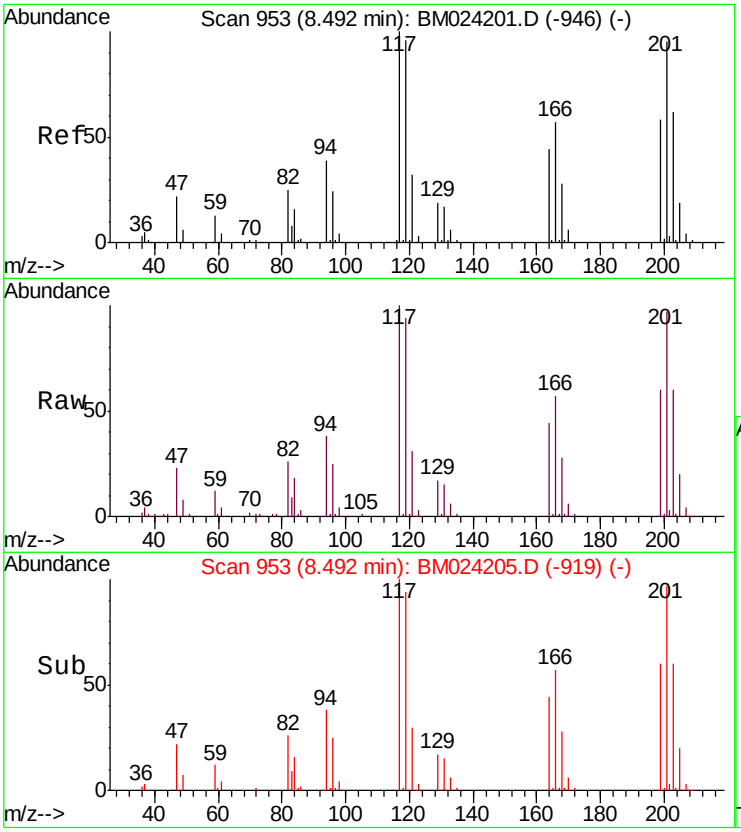


#16
4-Methylphenol
Concen: 20.675 ng/ul
RT: 8.22 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:108 Resp: 458997

Ion	Ratio	Lower	Upper
108	100		
107	109.9	89.1	133.7



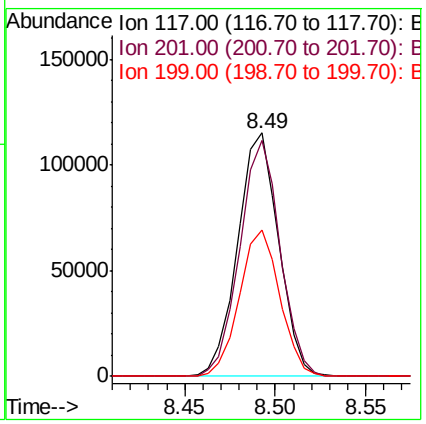


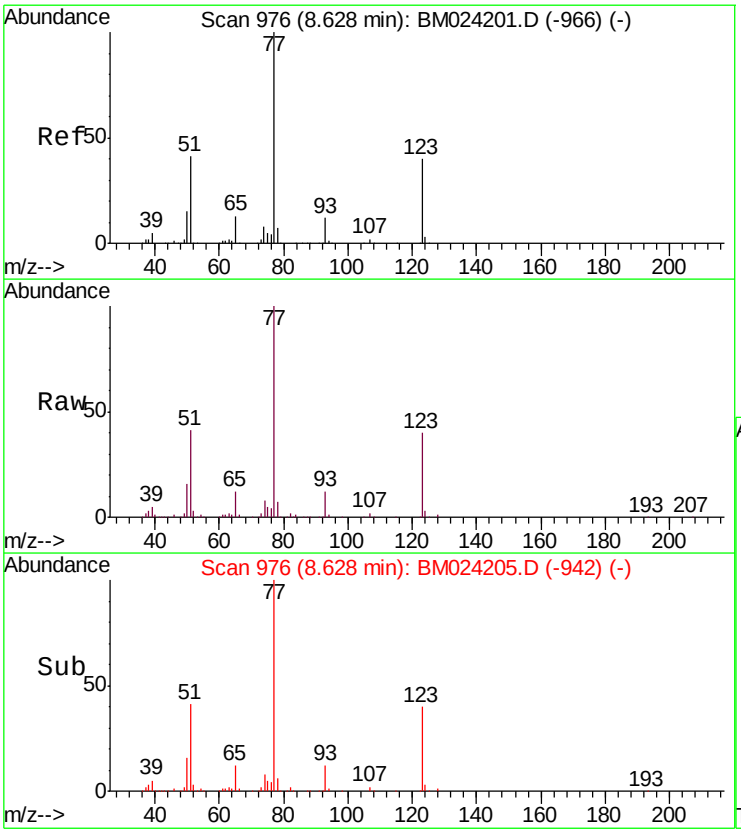
#17
Hexachloroethane
Concen: 23.066 ng/ul
RT: 8.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:117 Resp: 181374

Ion	Ratio	Lower	Upper
117	100		
201	96.8	74.8	112.2
199	60.0	49.0	73.6

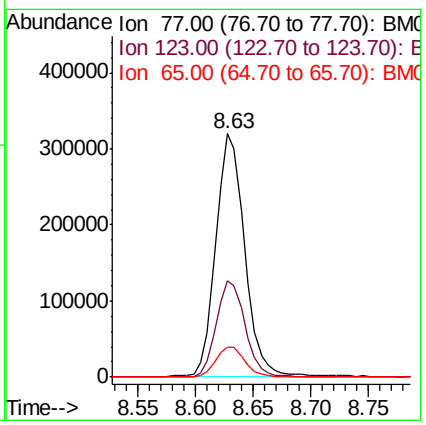


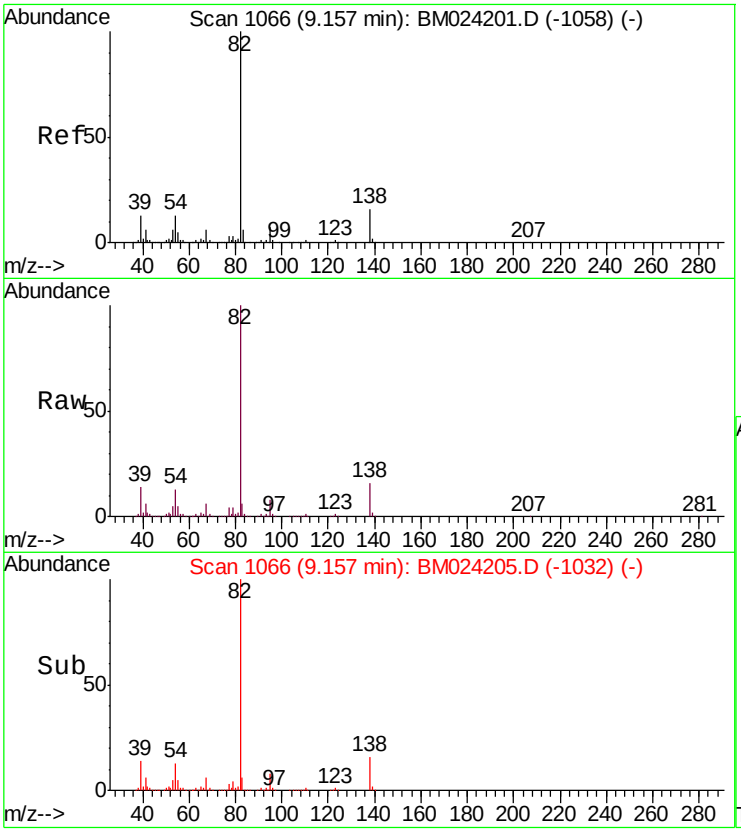


#20
Nitrobenzene
Concen: 22.423 ng/ul
RT: 8.63 min Scan# 976
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion: 77 Resp: 551471

Ion	Ratio	Lower	Upper
77	100		
123	39.9	32.6	49.0
65	12.4	9.9	14.9



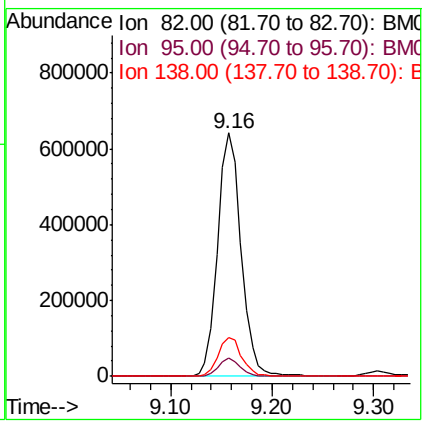


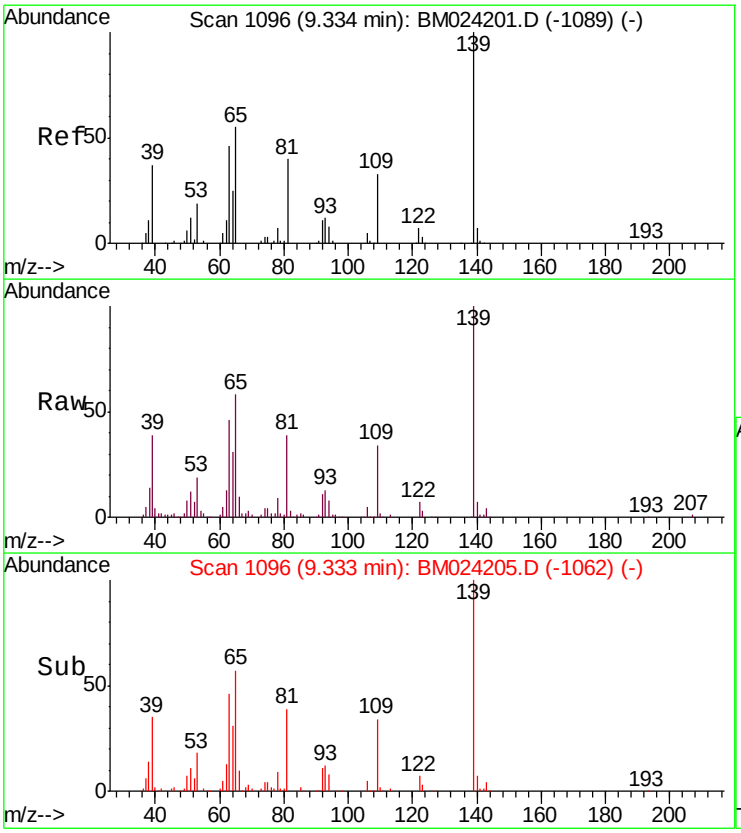
#21
Isophorone
Concen: 22.608 ng/ul
RT: 9.16 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion: 82 Resp: 1039293

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	16.2	13.0	19.4

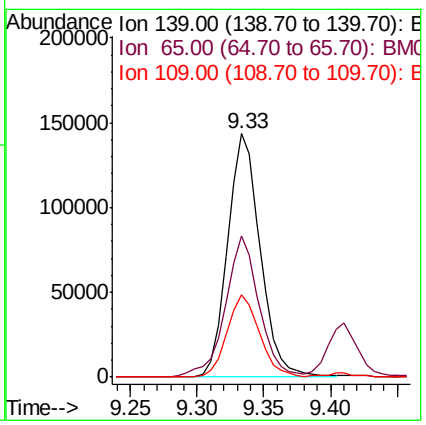


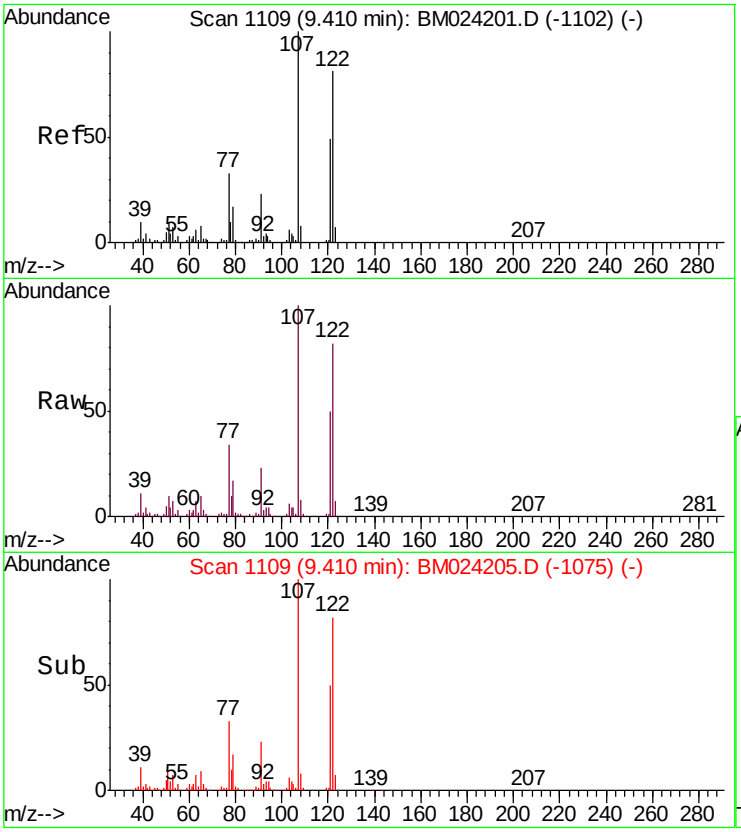


#23
2-Nitrophenol
Concen: 22.897 ng/ul
RT: 9.33 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:139 Resp: 245234

Ion	Ratio	Lower	Upper
139	100		
65	57.8	40.2	60.2
109	34.0	24.6	37.0



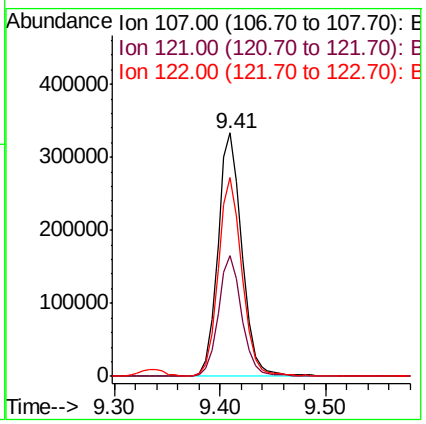


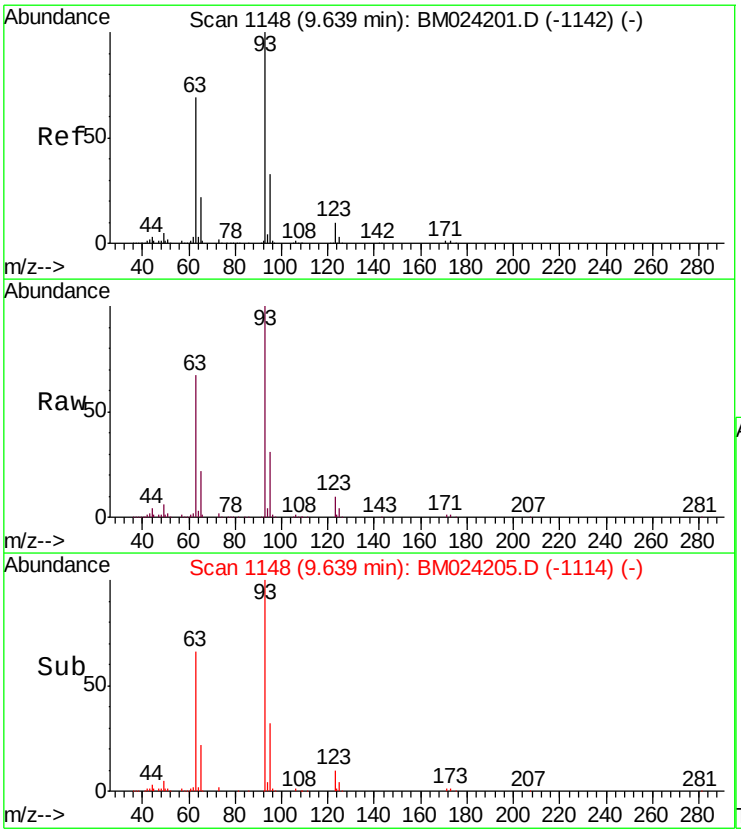
#24
2,4-Dimethylphenol
Concen: 22.757 ng/ul
RT: 9.41 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:107 Resp: 525764

Ion	Ratio	Lower	Upper
107	100		
121	49.6	38.6	57.8
122	81.8	65.1	97.7

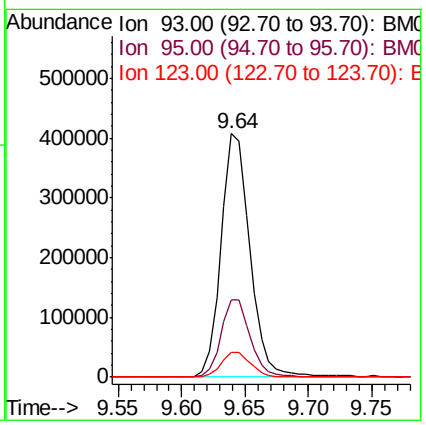


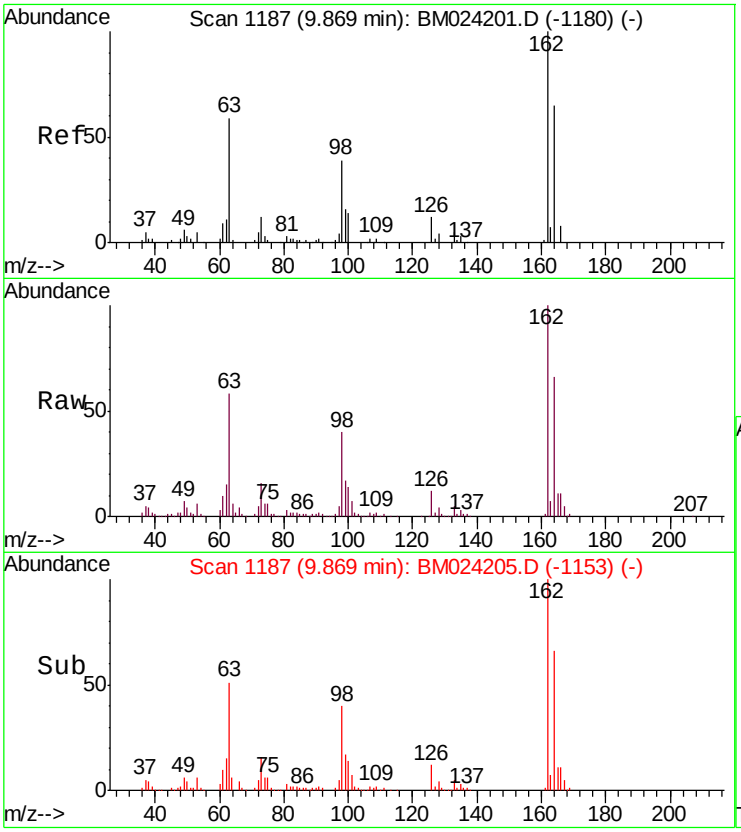


#25
Bis(2-Chloroethoxy)methane
Concen: 22.605 ng/ul
RT: 9.64 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion: 93 Resp: 645539

Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.2	39.2
123	10.3	8.5	12.7



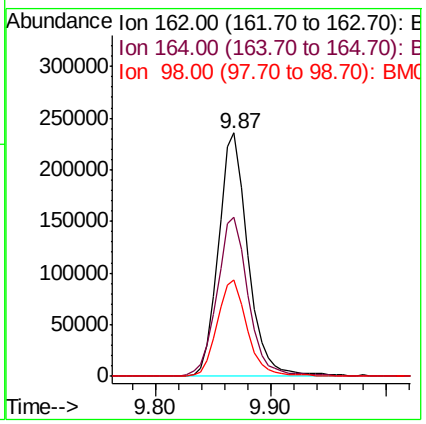


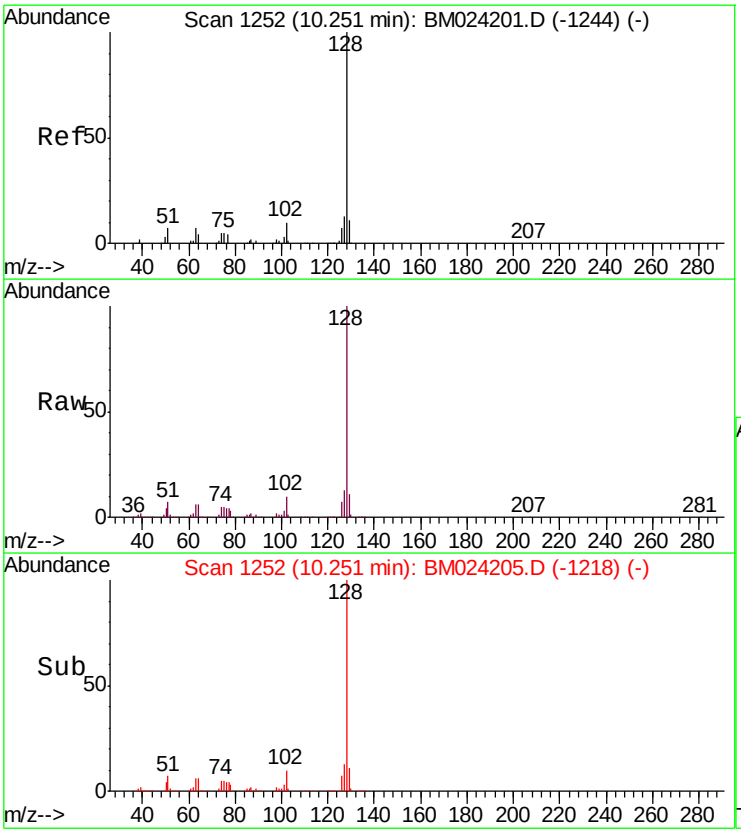
#27
2,4-Dichlorophenol
Concen: 22.533 ng/ul
RT: 9.87 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:162 Resp: 417079

Ion	Ratio	Lower	Upper
162	100		
164	65.5	51.8	77.6
98	39.7	31.7	47.5

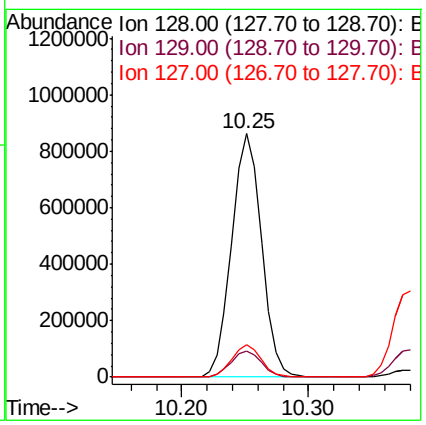


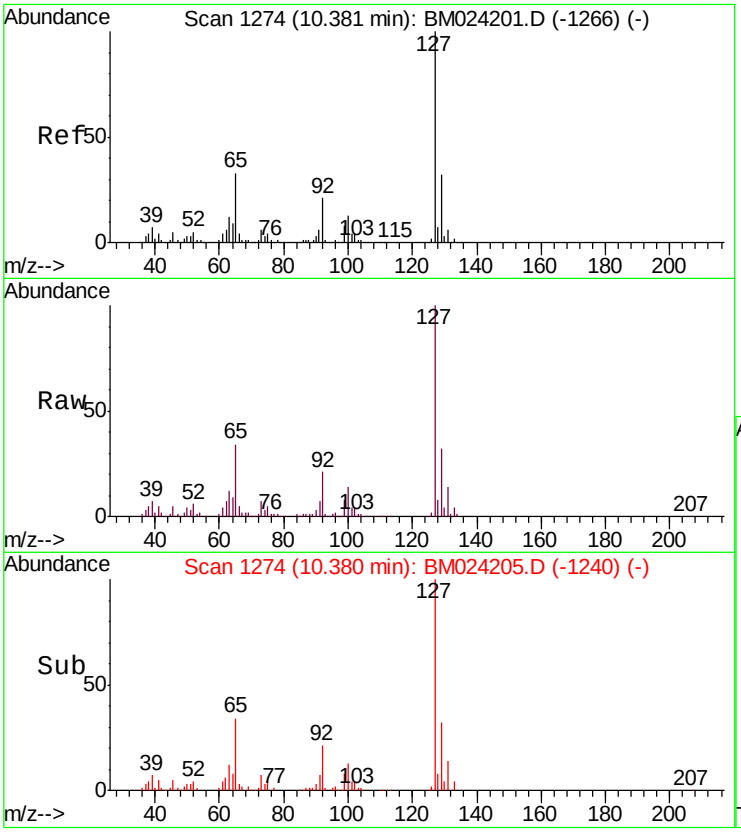


#28
Naphthalene
Concen: 21.815 ng/ul
RT: 10.25 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:128 Resp: 1407596

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.2	10.3	15.5



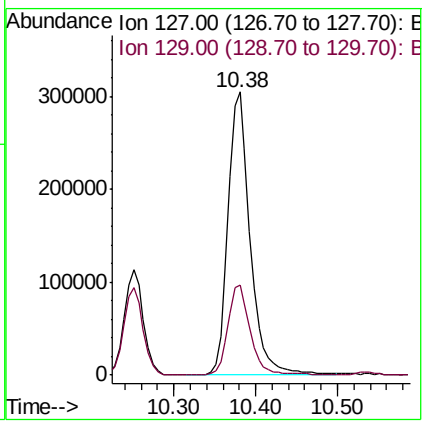


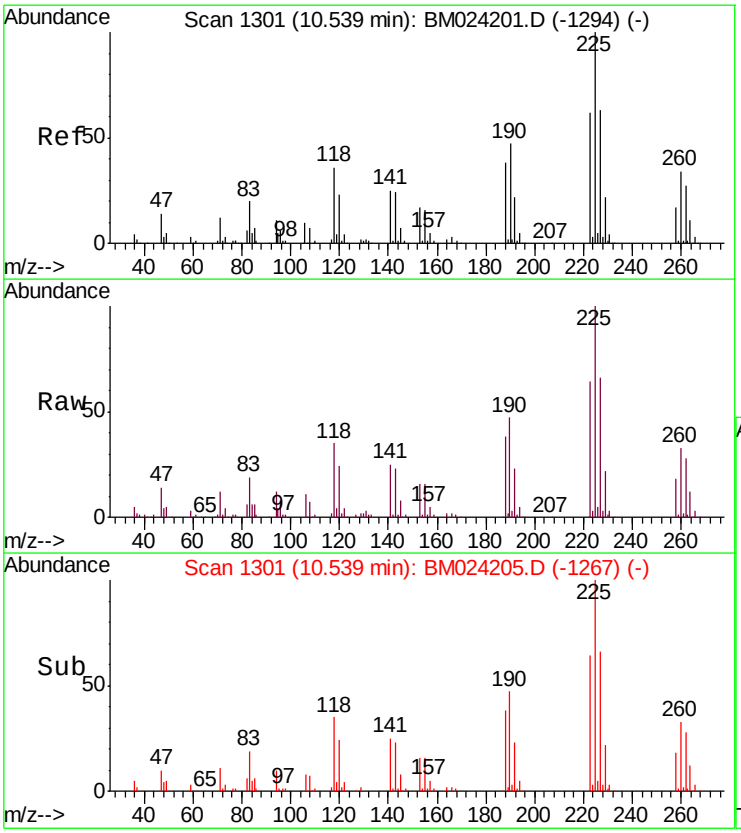
#30
4-Chloroaniline
Concen: 24.783 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:127 Resp: 574573

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9

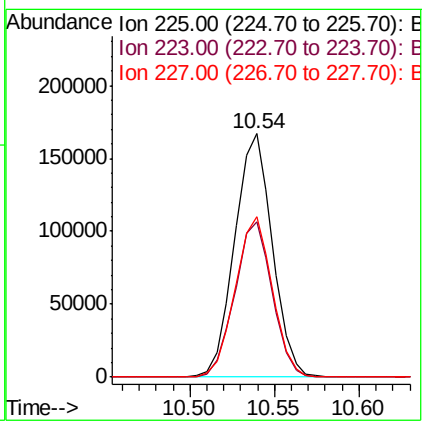


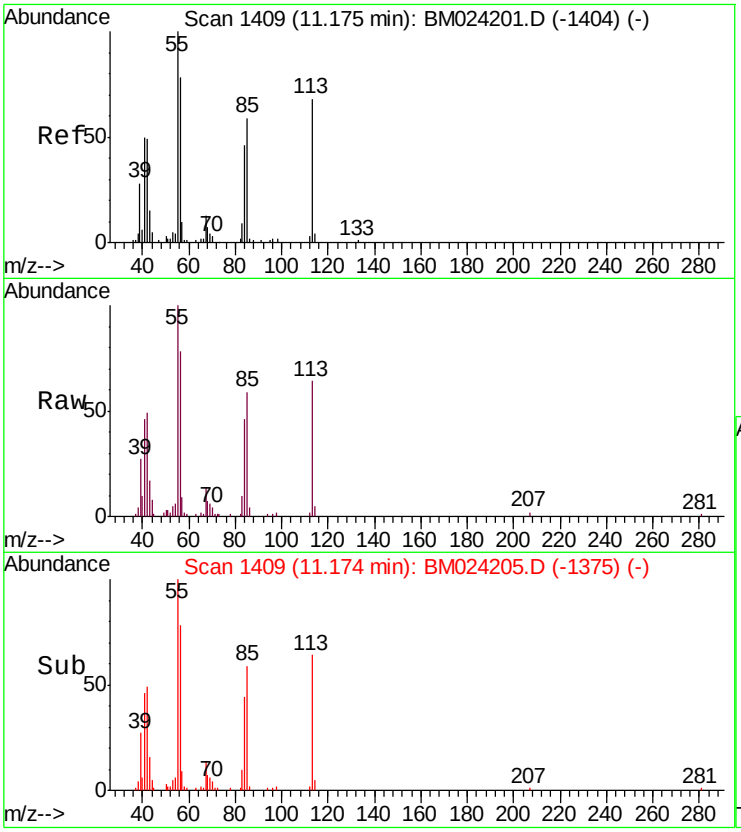


#31
Hexachlorobutadiene
Concen: 22.628 ng/ul
RT: 10.54 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:225 Resp: 258931

Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.1	73.7
227	66.1	50.8	76.2



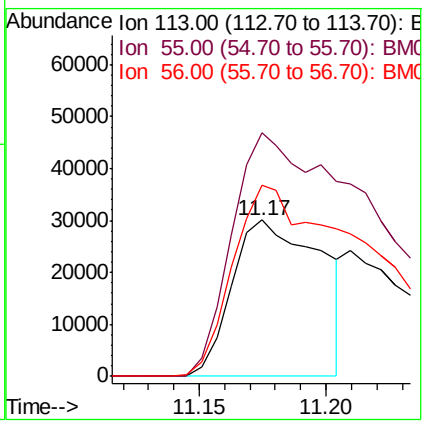


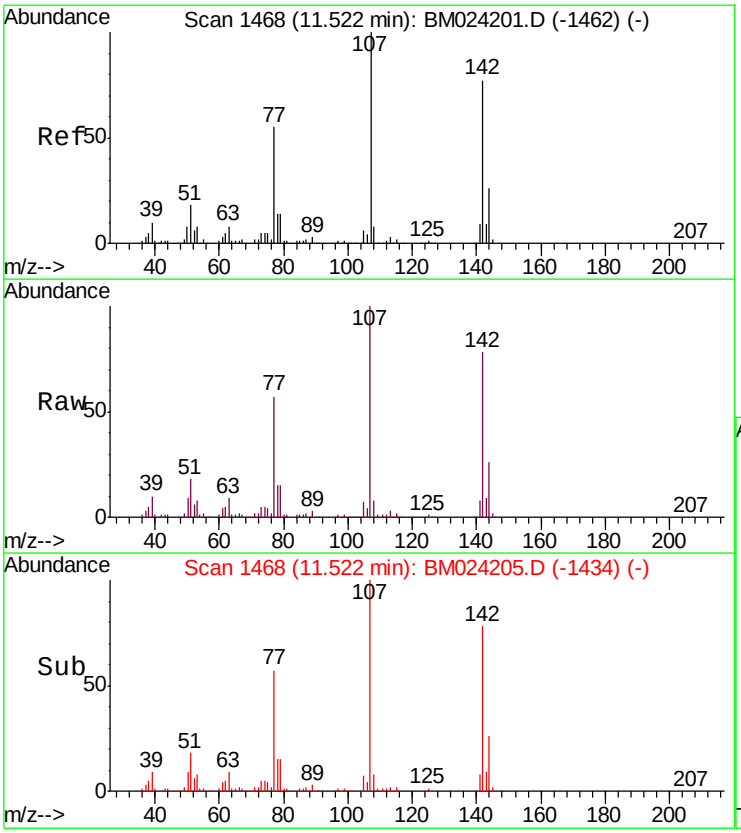
#32
Caprolactam
Concen: 10.534 ng/ul
RT: 11.17 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:113 Resp: 73675

Ion	Ratio	Lower	Upper
113	100		
55	155.8	121.0	181.6
56	121.9	96.8	145.2

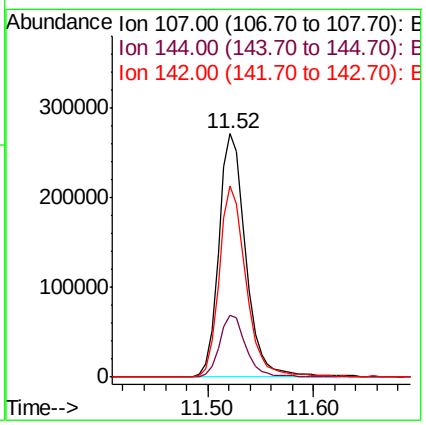


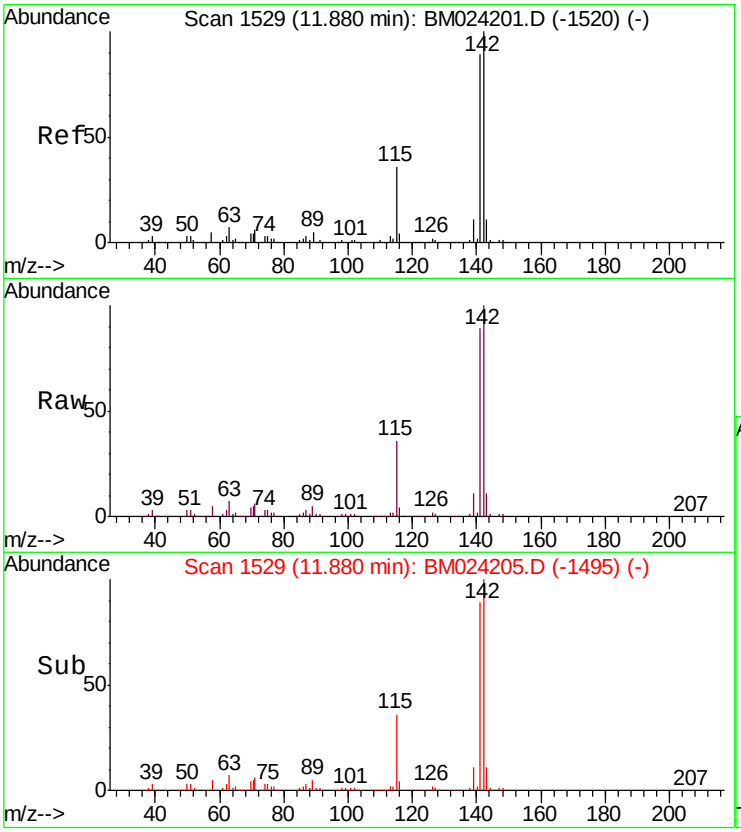


#33
4-Chloro-3-methylphenol
Concen: 21.707 ng/ul
RT: 11.52 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:107 Resp: 482133

Ion	Ratio	Lower	Upper
107	100		
144	25.5	19.8	29.8
142	78.3	63.3	94.9



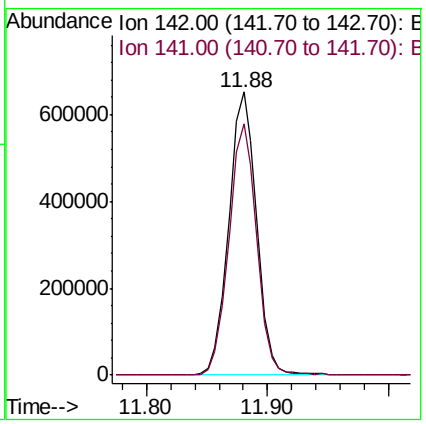


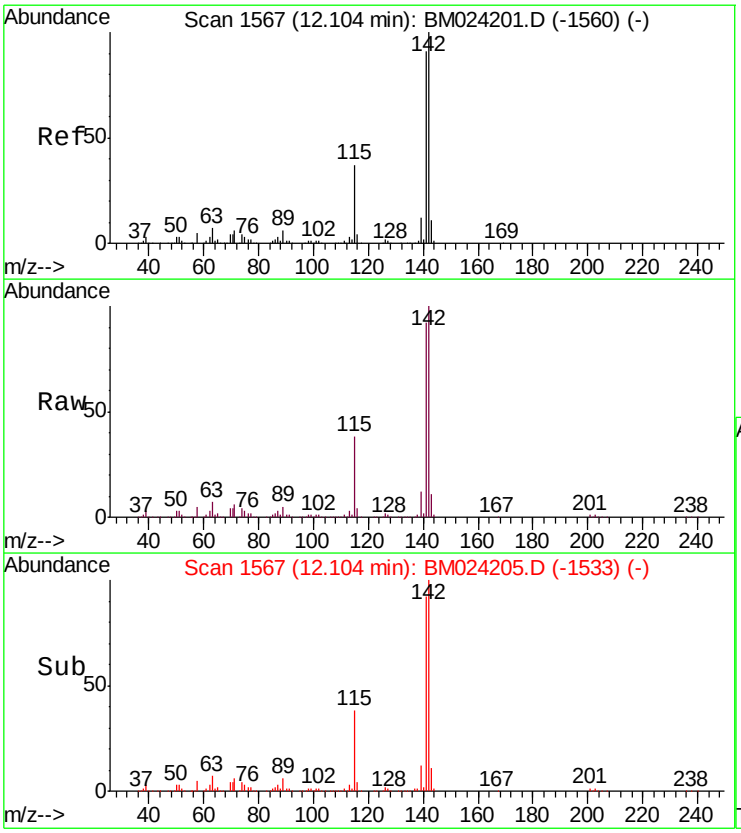
#34
2-Methylnaphthalene
Concen: 22.618 ng/ul
RT: 11.88 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:142 Resp: 1043144

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3

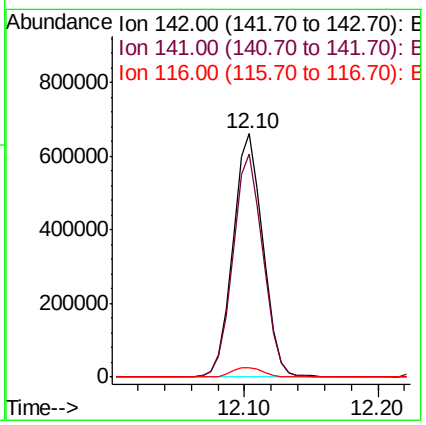


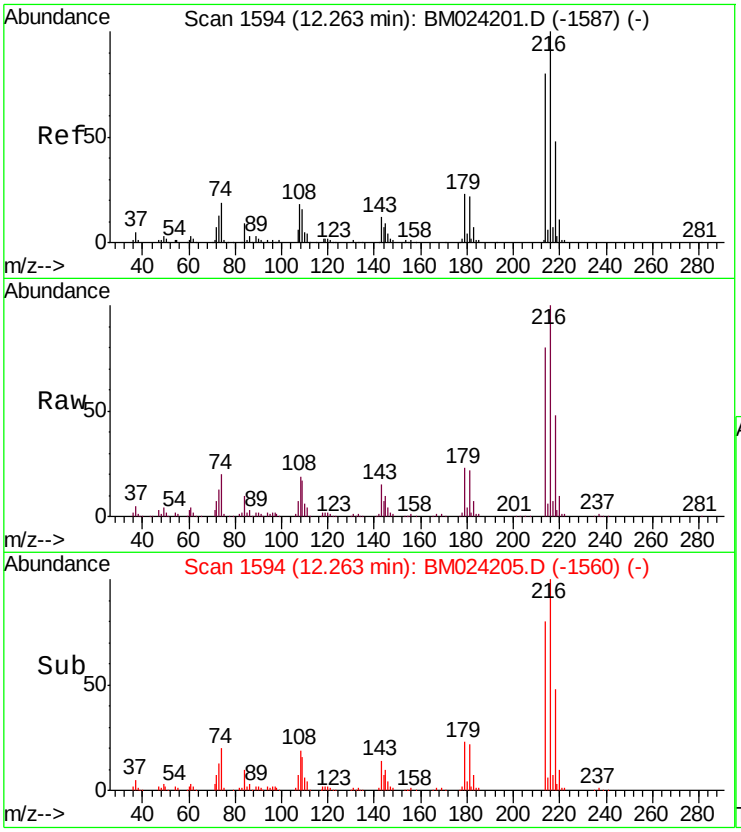


#35
1-Methylnaphthalene
Concen: 21.761 ng/ul
RT: 12.10 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:142 Resp: 1024394

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.7	109.1
116	4.0	3.0	4.6



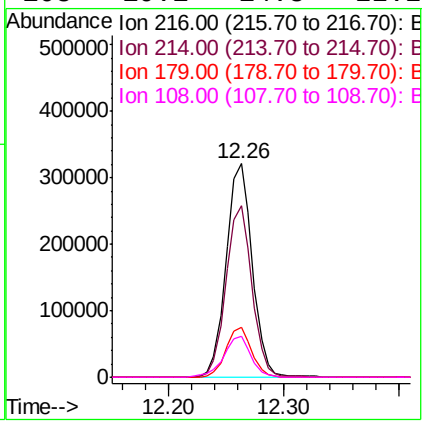


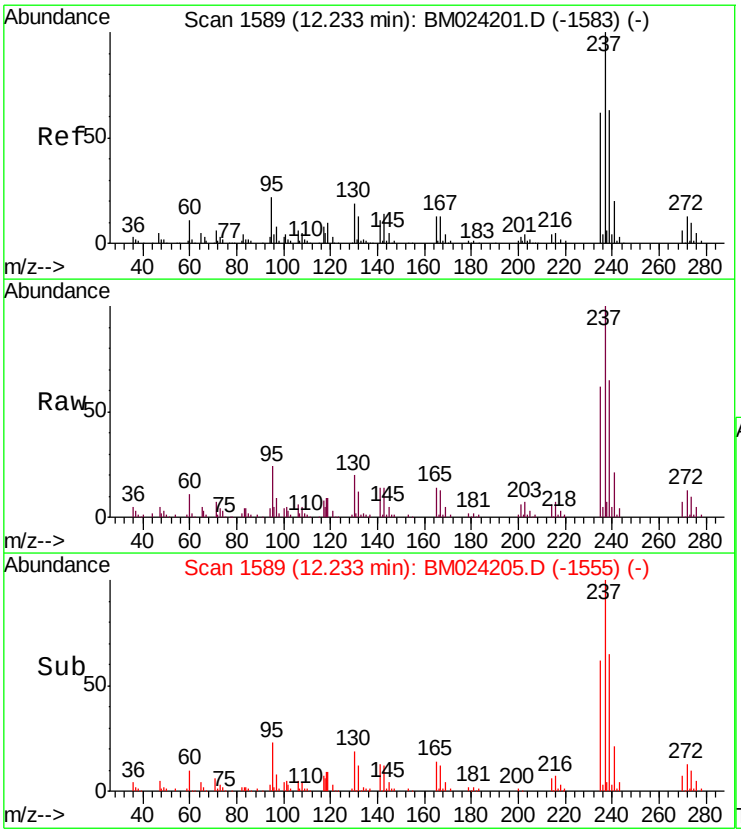
#37
1,2,4,5-Tetrachlorobenzene
Concen: 23.100 ng/ul
RT: 12.26 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:216 Resp: 502963

Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.7	94.1
179	23.1	17.6	26.4
108	19.1	14.8	22.2

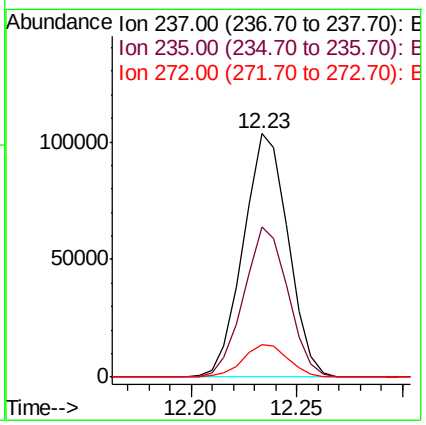


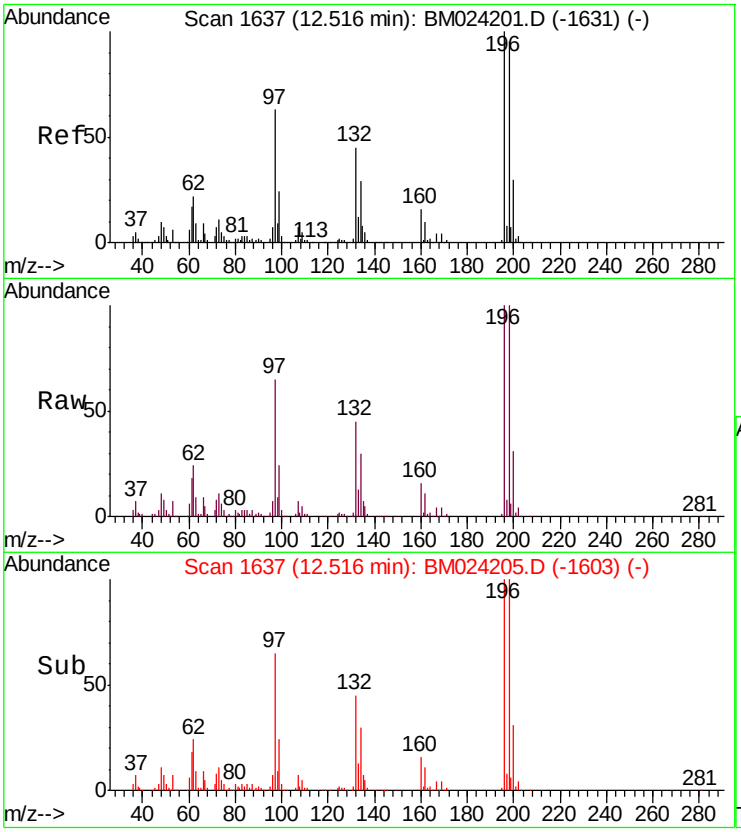


#38
Hexachlorocyclopentadiene
Concen: 15.598 ng/ul
RT: 12.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:237 Resp: 153027

Ion	Ratio	Lower	Upper
237	100		
235	61.8	46.9	70.3
272	13.4	11.0	16.4



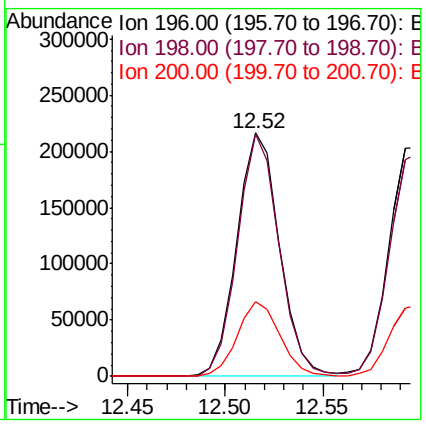


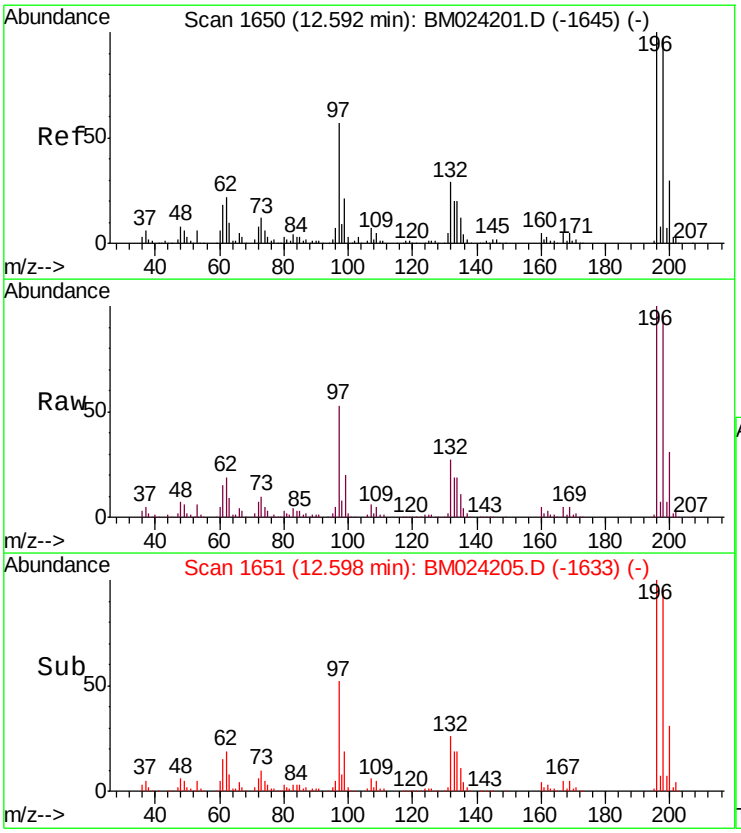
#39
2,4,6-Trichlorophenol
Concen: 22.798 ng/ul
RT: 12.52 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:196 Resp: 328292

Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.9	115.3
200	30.9	23.8	35.6

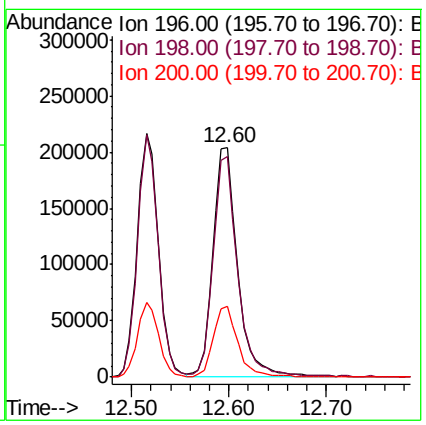


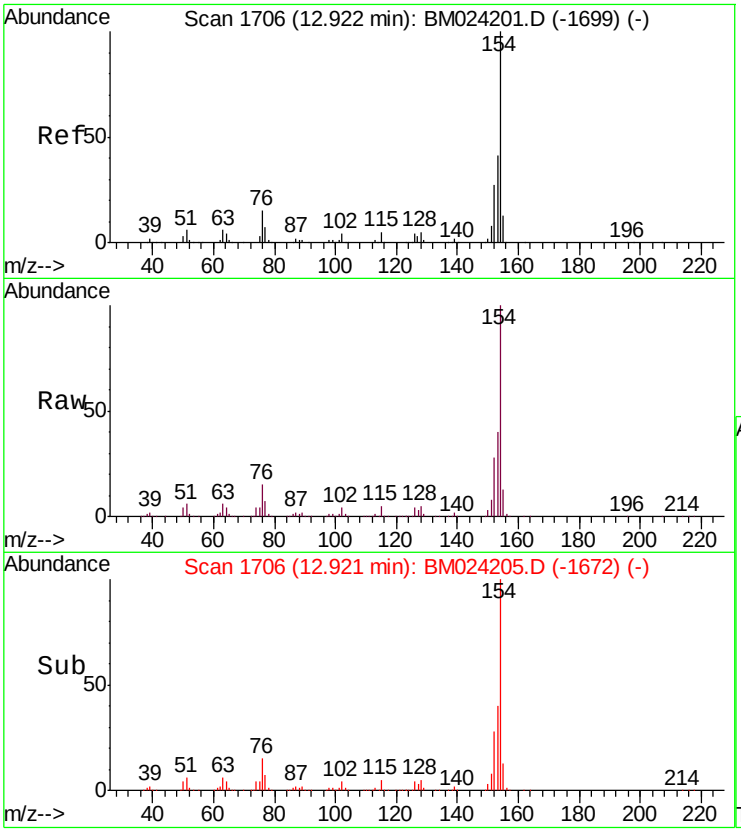


#40
2,4,5-Trichlorophenol
Concen: 22.728 ng/ul
RT: 12.60 min Scan# 1651
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:196 Resp: 352826

Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.0	112.4
200	31.1	23.6	35.4



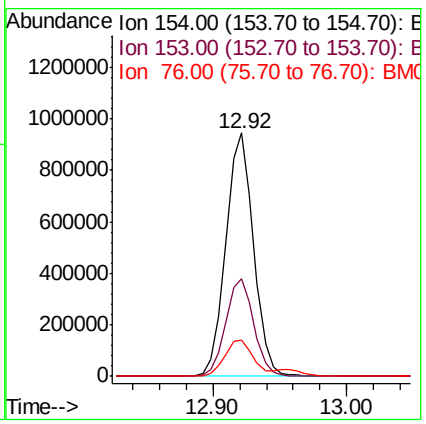


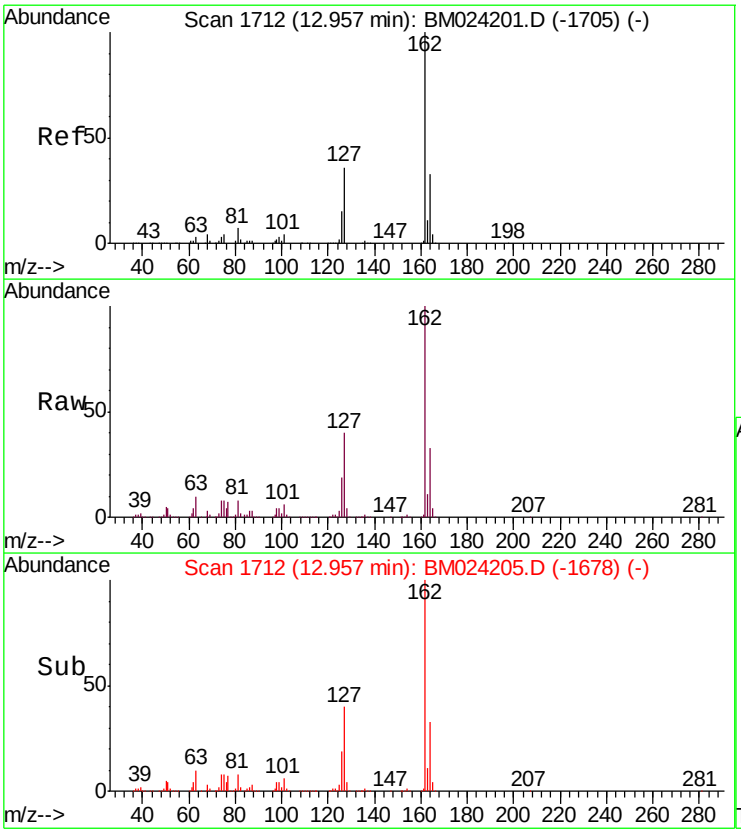
#41
1,1'-Biphenyl
Concen: 22.761 ng/ul
RT: 12.92 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:154 Resp: 1368457

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.2	48.4
76	14.9	12.2	18.2

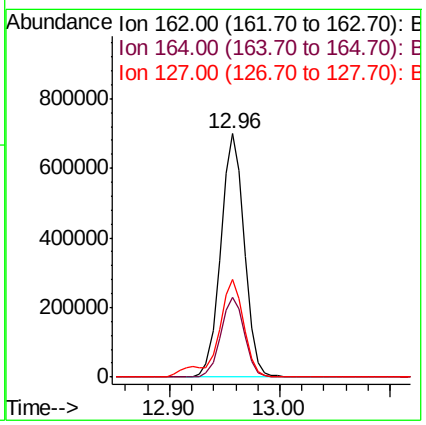


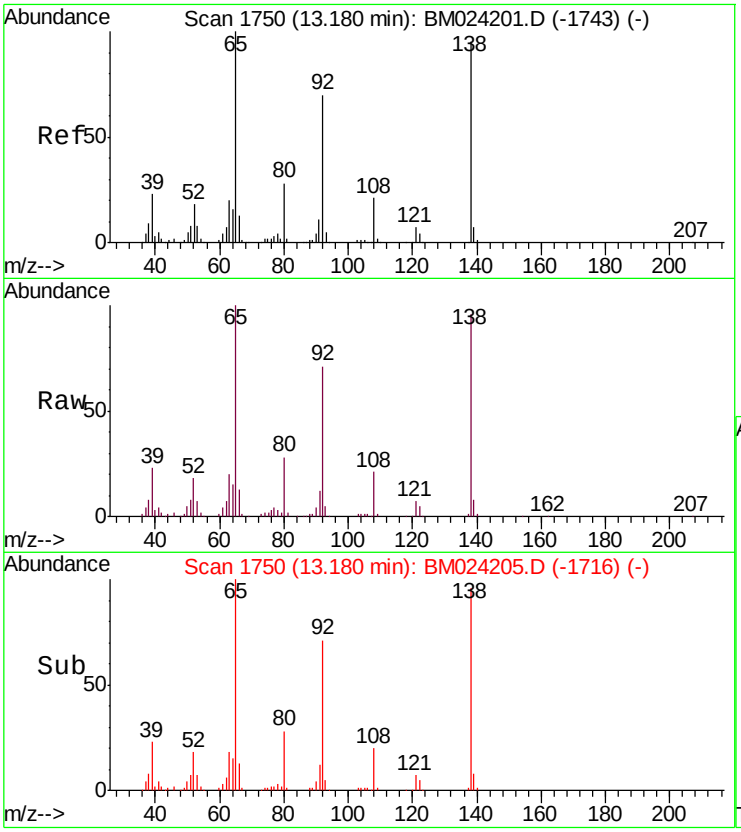


#42
2-Chloronaphthalene
Concen: 22.104 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:162 Resp: 1044109

Ion	Ratio	Lower	Upper
162	100		
164	32.9	25.9	38.9
127	39.9	31.4	47.2



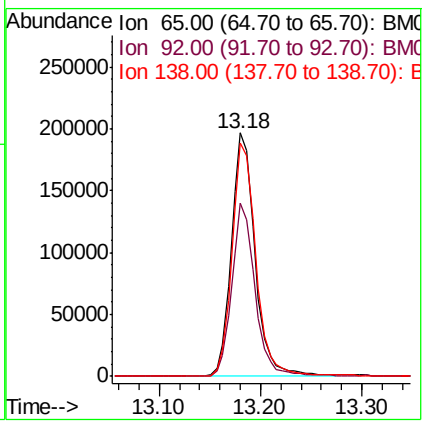


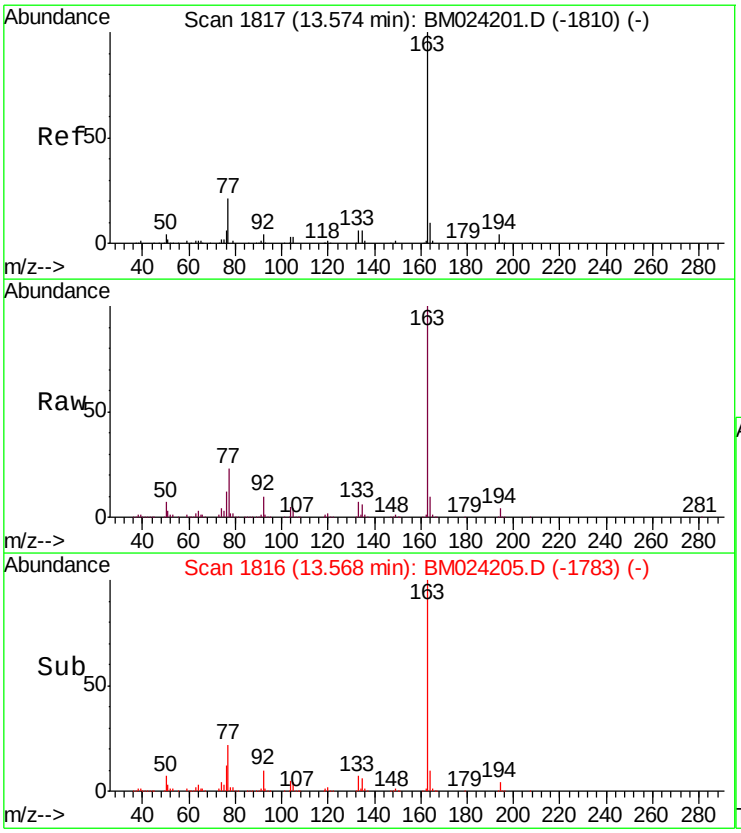
#43
2-Nitroaniline
Concen: 22.969 ng/ul
RT: 13.18 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion: 65 Resp: 318113

Ion	Ratio	Lower	Upper
65	100		
92	71.1	56.7	85.1
138	95.9	81.0	121.4

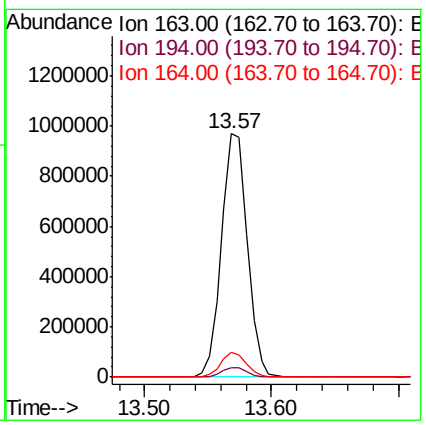


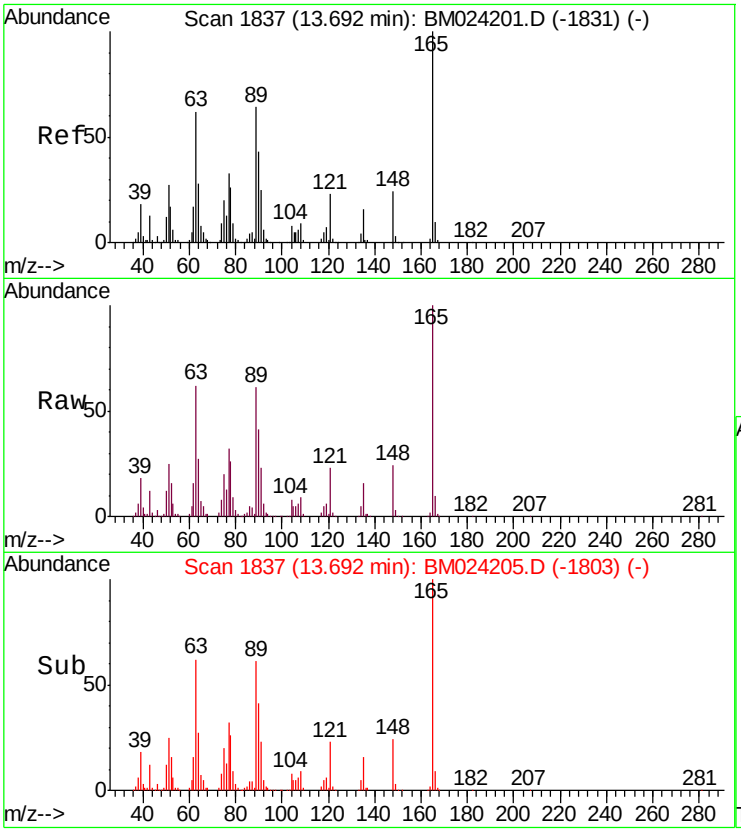


#45
Dimethylphthalate
Concen: 22.090 ng/ul
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:163 Resp: 1367424

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	7.8	11.6



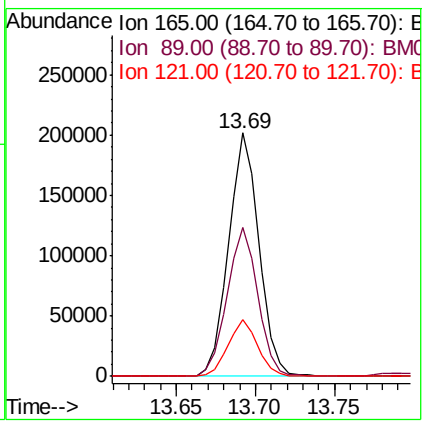


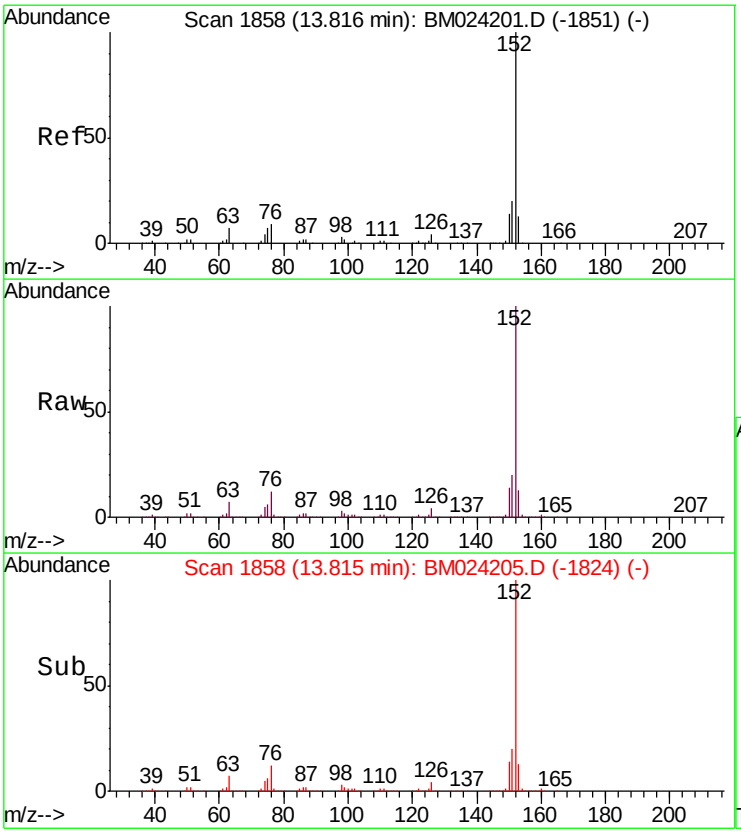
#46
2,6-Dinitrotoluene
Concen: 21.995 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:165 Resp: 268199

Ion	Ratio	Lower	Upper
165	100		
89	60.9	47.0	70.4
121	23.2	17.1	25.7

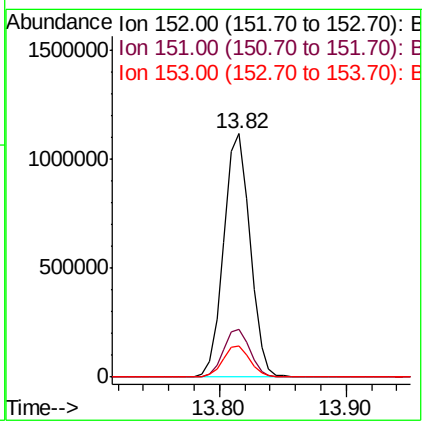


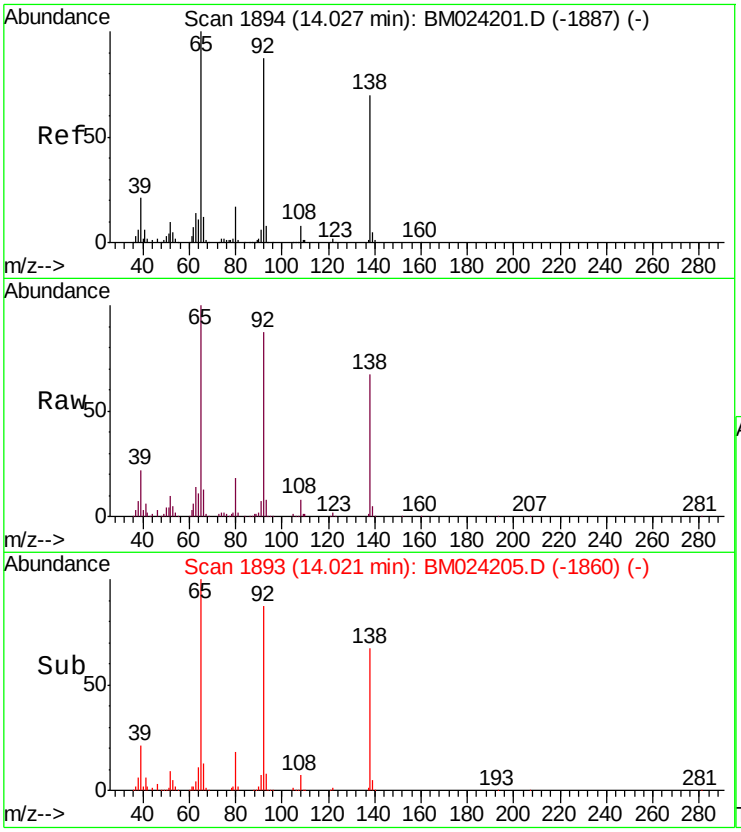


#48
Acenaphthylene
Concen: 21.233 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:152 Resp: 1608827

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	12.9	10.6	16.0



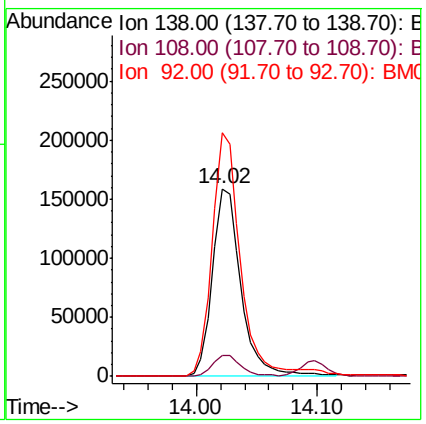


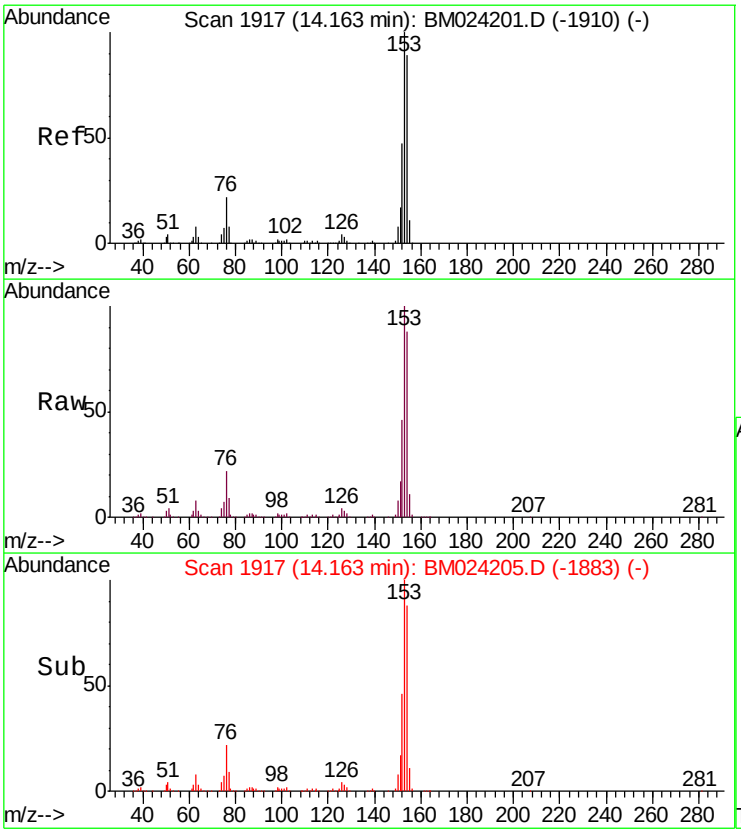
#49
3-Nitroaniline
Concen: 22.531 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:138 Resp: 260739

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	129.9	97.3	145.9

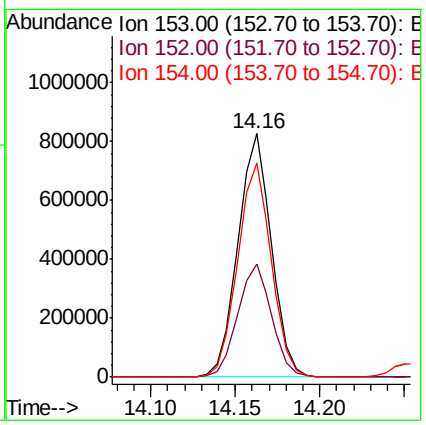


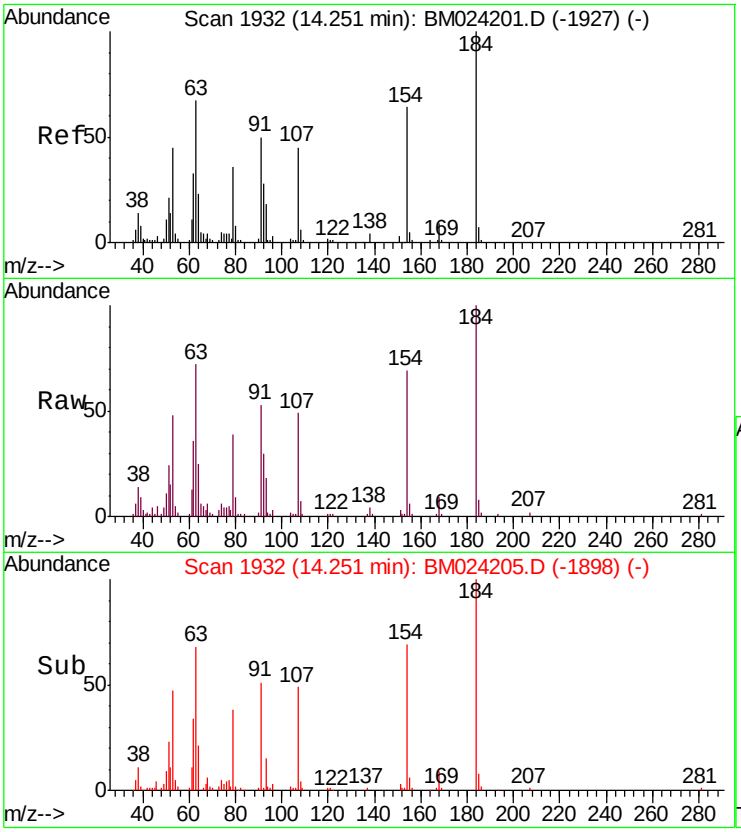


#50
Acenaphthene
Concen: 21.860 ng/ul
RT: 14.16 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:153 Resp: 1138879

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.8	56.6
154	87.7	71.1	106.7



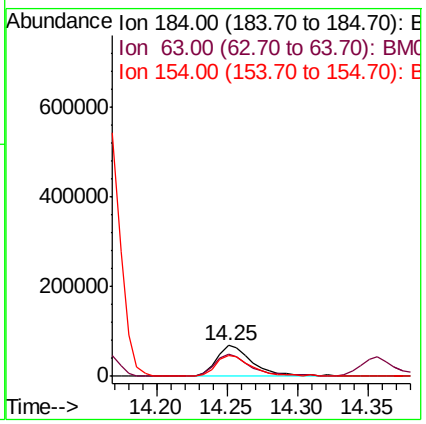


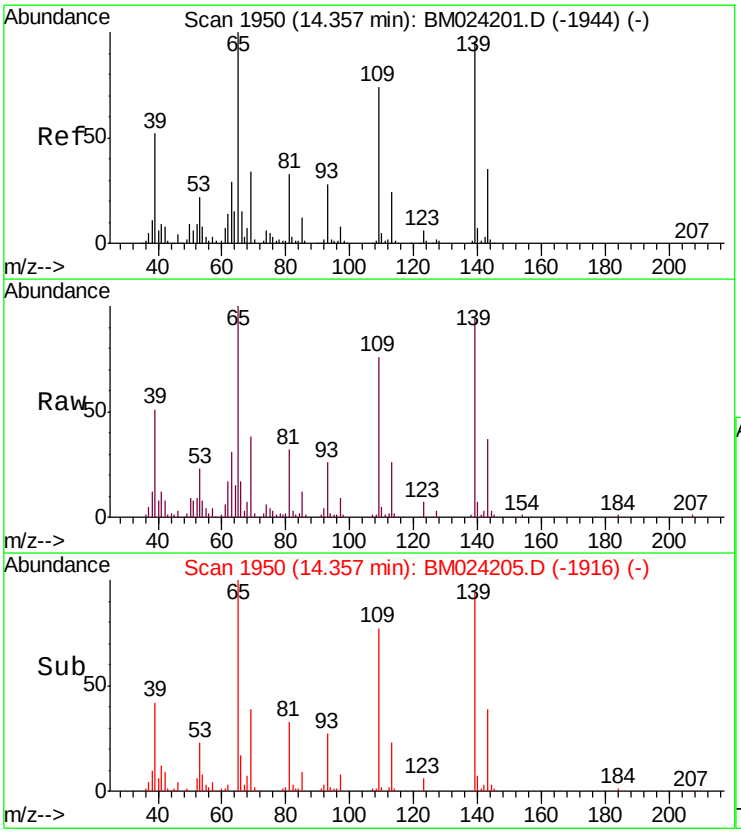
#51
2,4-Dinitrophenol
Concen: 17.879 ng/ul
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:184 Resp: 122512

Ion	Ratio	Lower	Upper
184	100		
63	72.5	57.0	85.6
154	68.5	51.0	76.4

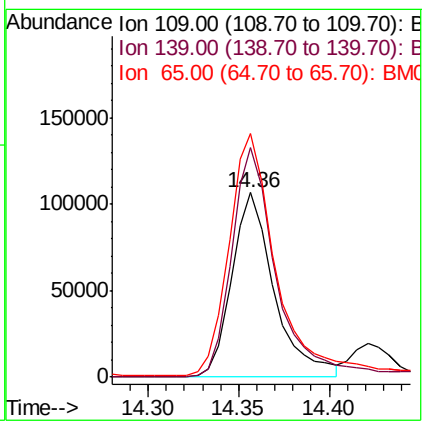


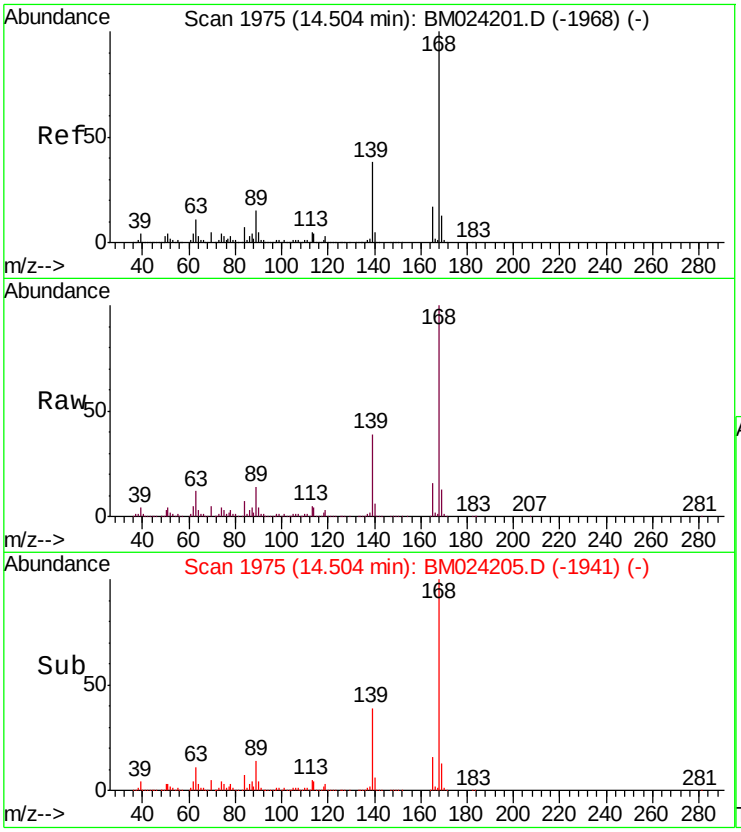


#53
4-Nitrophenol
Concen: 20.381 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:109 Resp: 173799

Ion	Ratio	Lower	Upper
109	100		
139	124.7	105.0	157.4
65	132.0	113.0	169.4



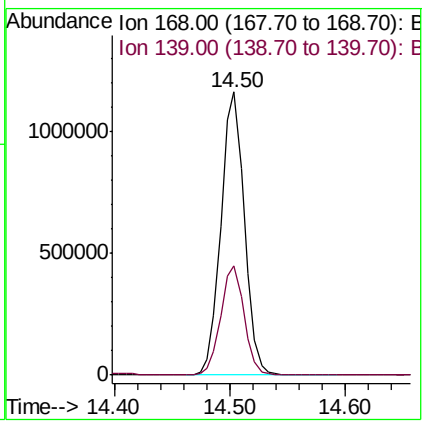


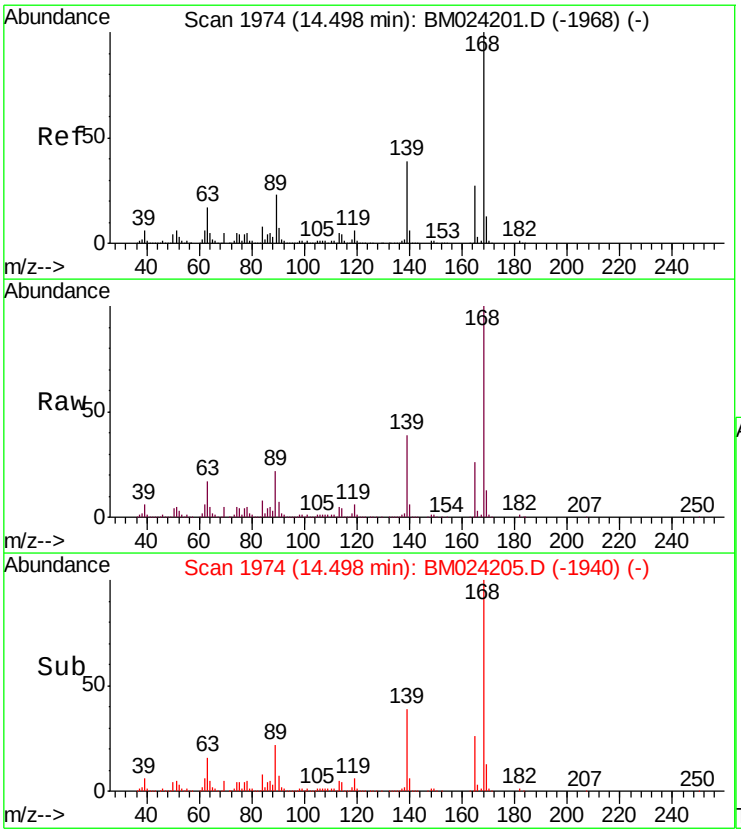
#54
Dibenzofuran
Concen: 22.504 ng/ul
RT: 14.50 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:168 Resp: 1629919

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.4	45.6

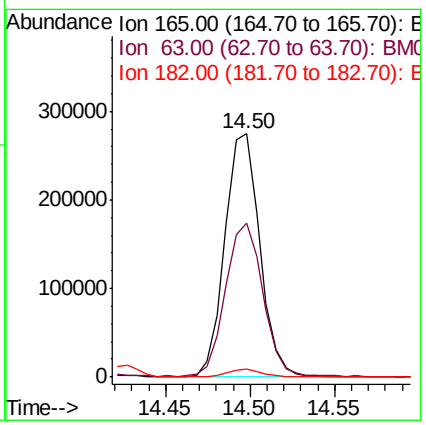


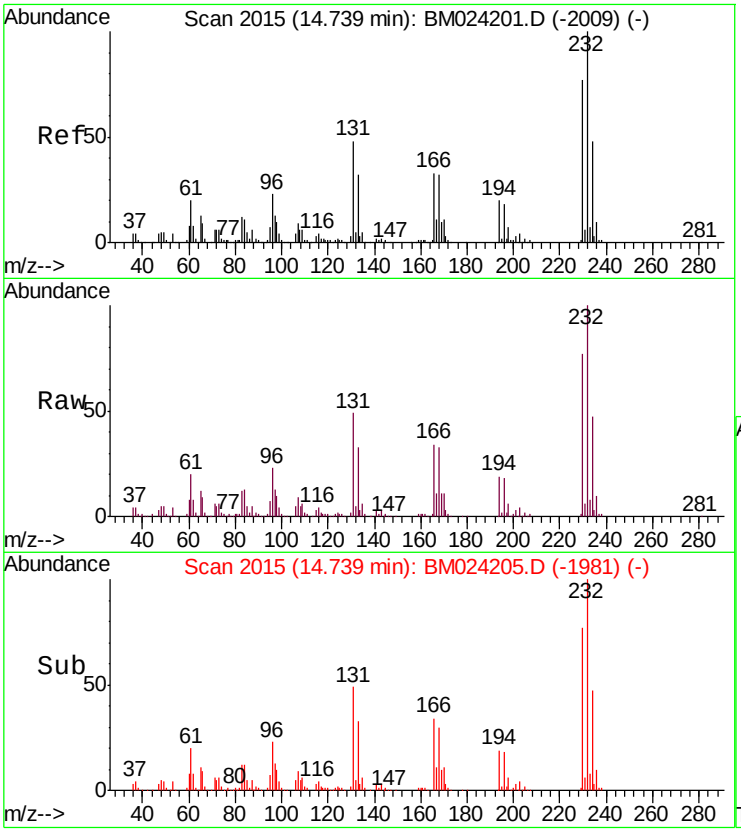


#55
2,4-Dinitrotoluene
Concen: 21.584 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:165 Resp: 397471

Ion	Ratio	Lower	Upper
165	100		
63	63.2	43.6	65.4
182	3.1	2.3	3.5



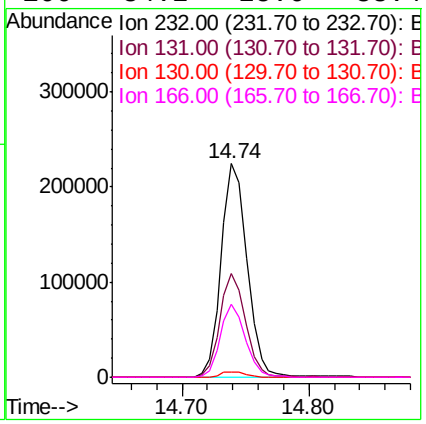


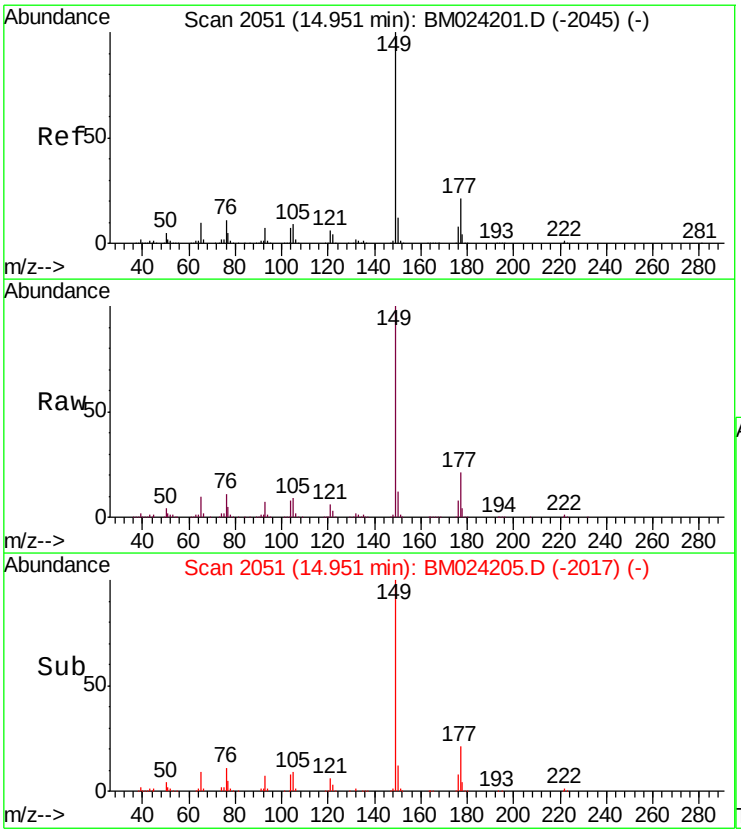
#56
2,3,4,6-Tetrachlorophenol
Concen: 22.877 ng/ul
RT: 14.74 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:232 Resp: 321052

Ion	Ratio	Lower	Upper
232	100		
131	48.7	36.4	54.6
130	2.4	1.9	2.9
166	34.2	25.6	38.4

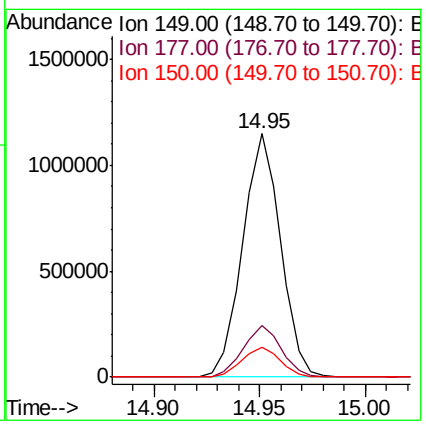


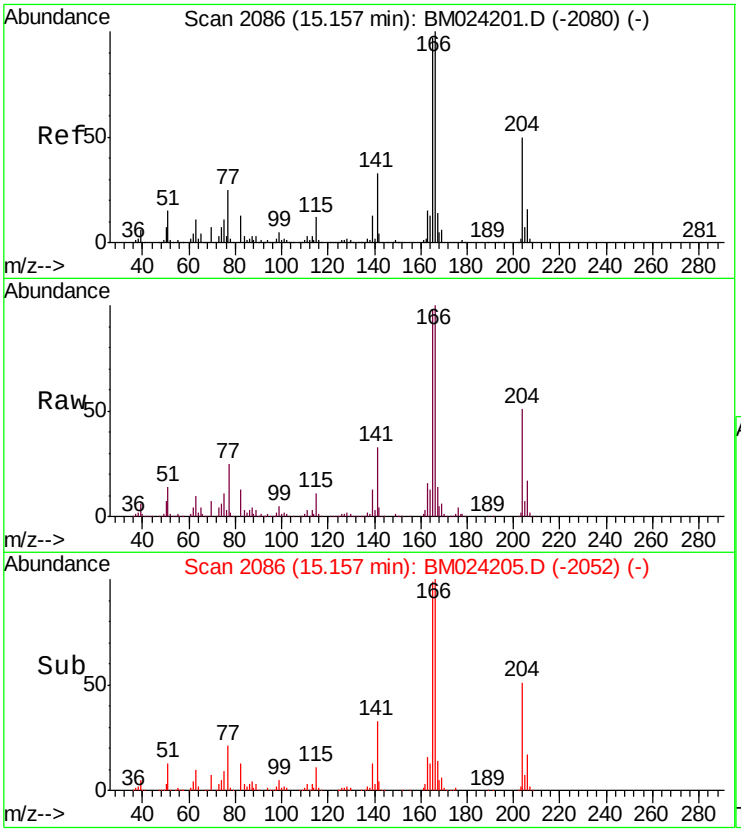


#57
Diethylphthalate
Concen: 22.757 ng/ul
RT: 14.95 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:149 Resp: 1432217

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.1	25.7
150	12.3	9.9	14.9



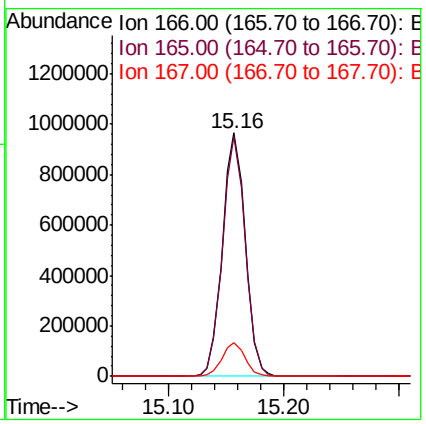


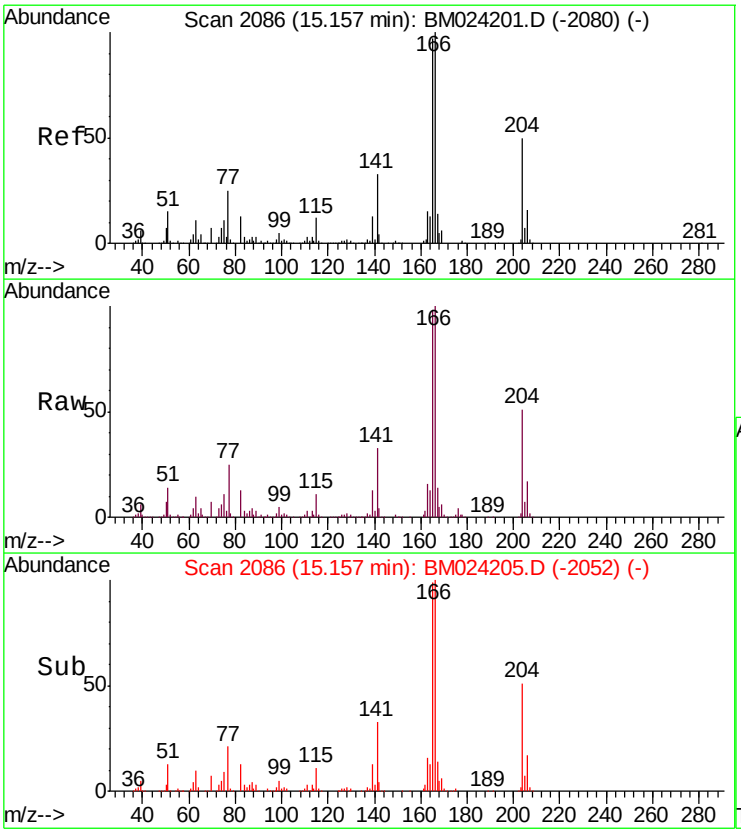
#59
Fluorene
Concen: 21.653 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:166 Resp: 1324381

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.3	117.5
167	13.6	10.4	15.6

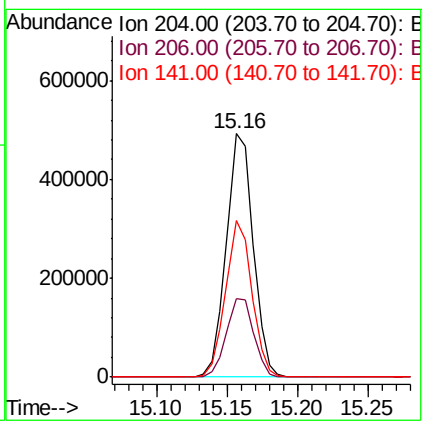


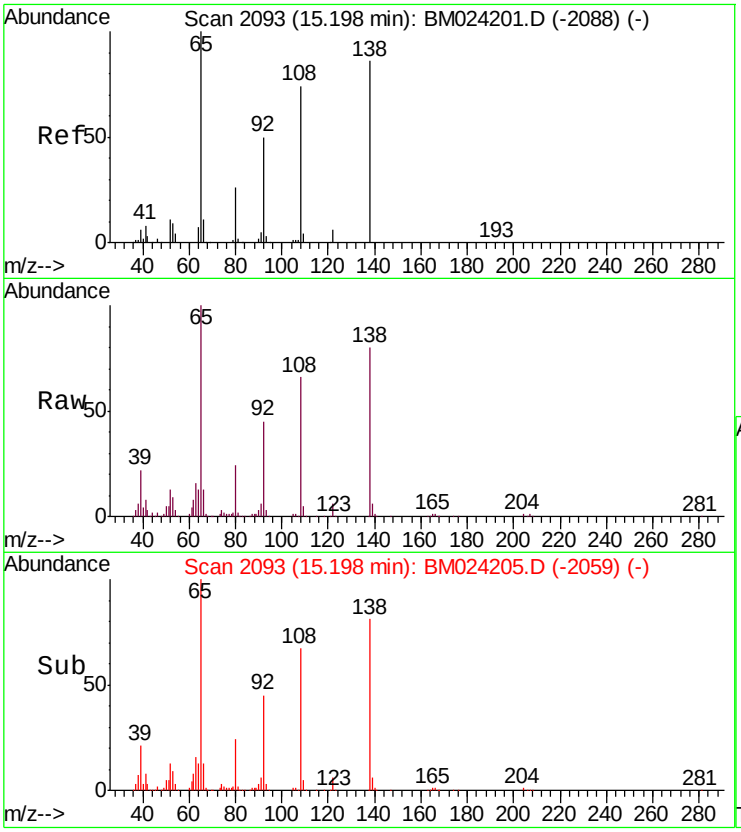


#60
4-Chlorophenyl-phenylether
Concen: 22.039 ng/ul
RT: 15.16 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:204 Resp: 655499

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	64.4	48.0	72.0



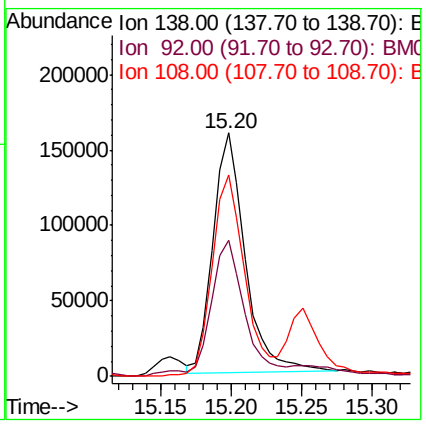


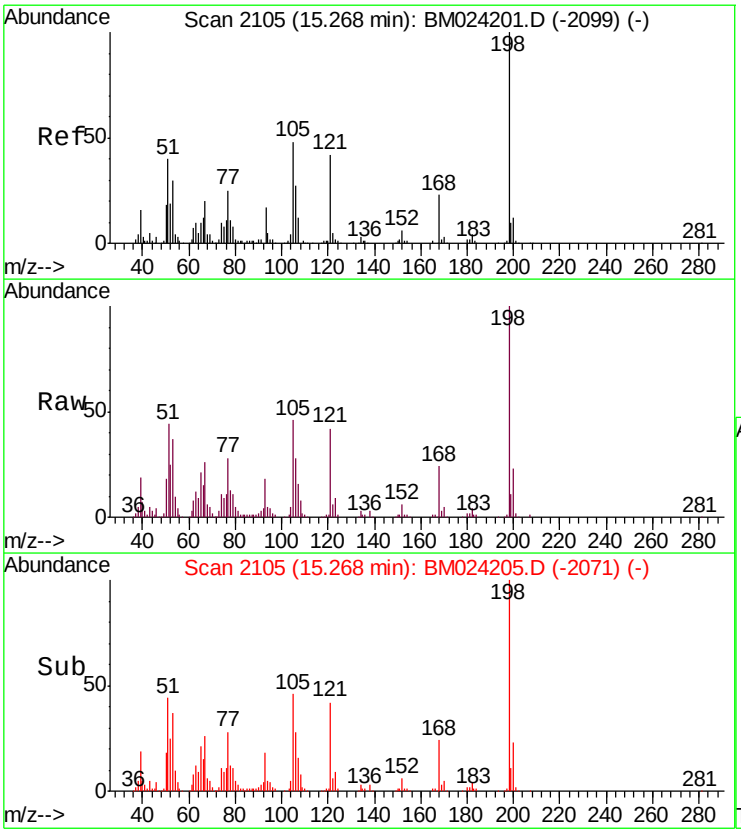
#61
4-Nitroaniline
Concen: 19.917 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:138 Resp: 254508

Ion	Ratio	Lower	Upper
138	100		
92	55.9	44.5	66.7
108	82.5	65.8	98.8

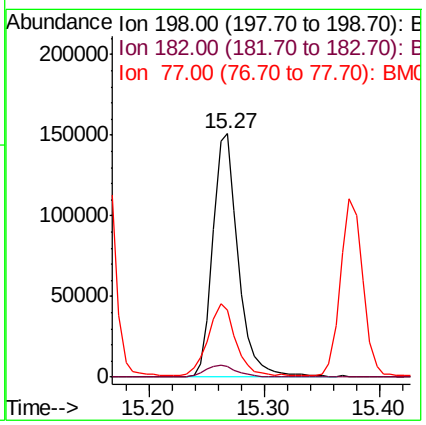


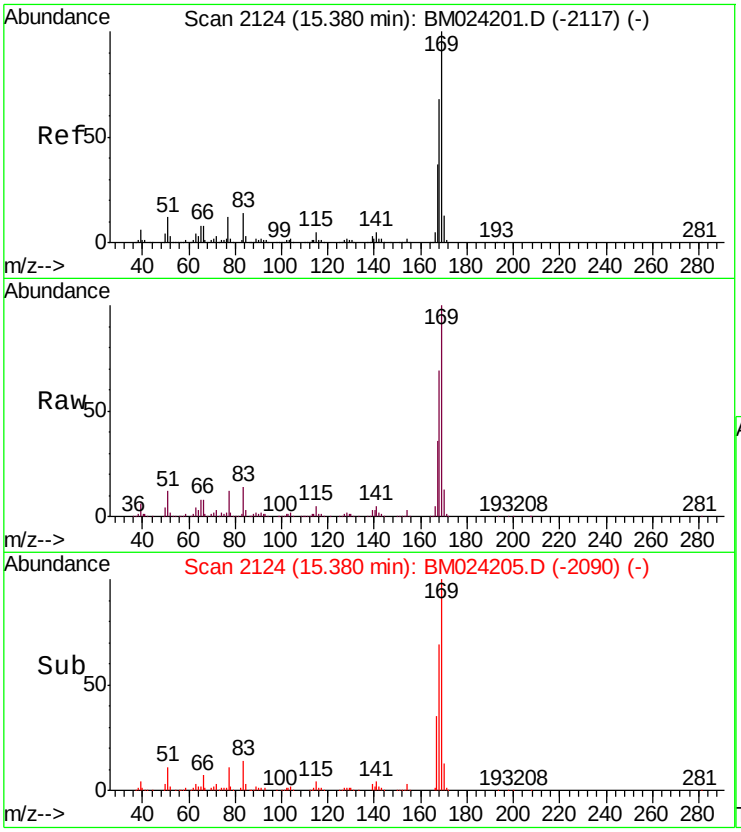


#64
4,6-Dinitro-2-methylphenol
Concen: 20.646 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:198 Resp: 230164

Ion	Ratio	Lower	Upper
198	100		
182	4.4	4.1	6.1
77	27.5	21.9	32.9



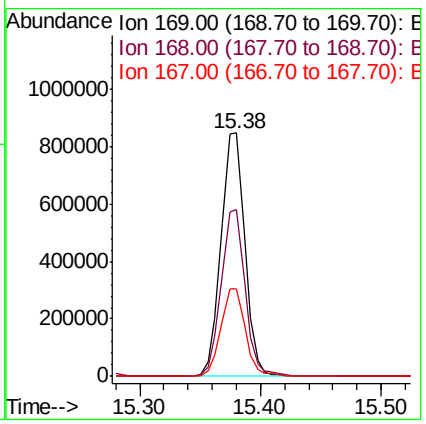


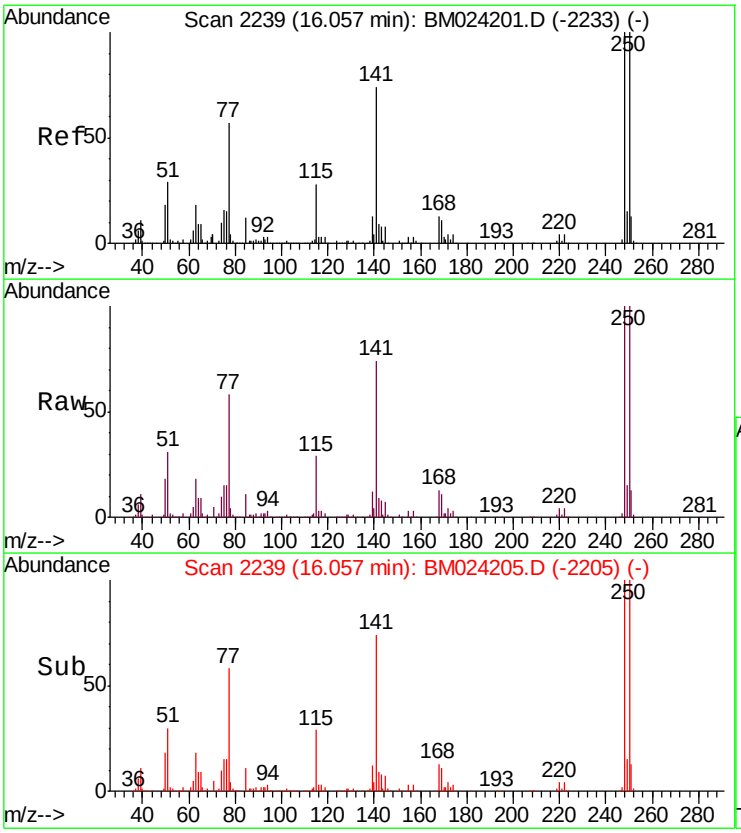
#65
N-Nitrosodiphenylamine
Concen: 23.418 ng/ul
RT: 15.38 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:169 Resp: 1165001

Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.4	81.6
167	35.9	28.7	43.1

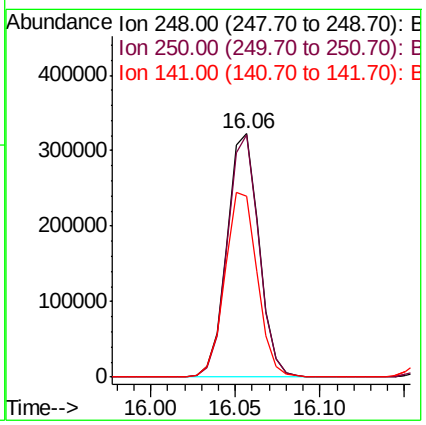


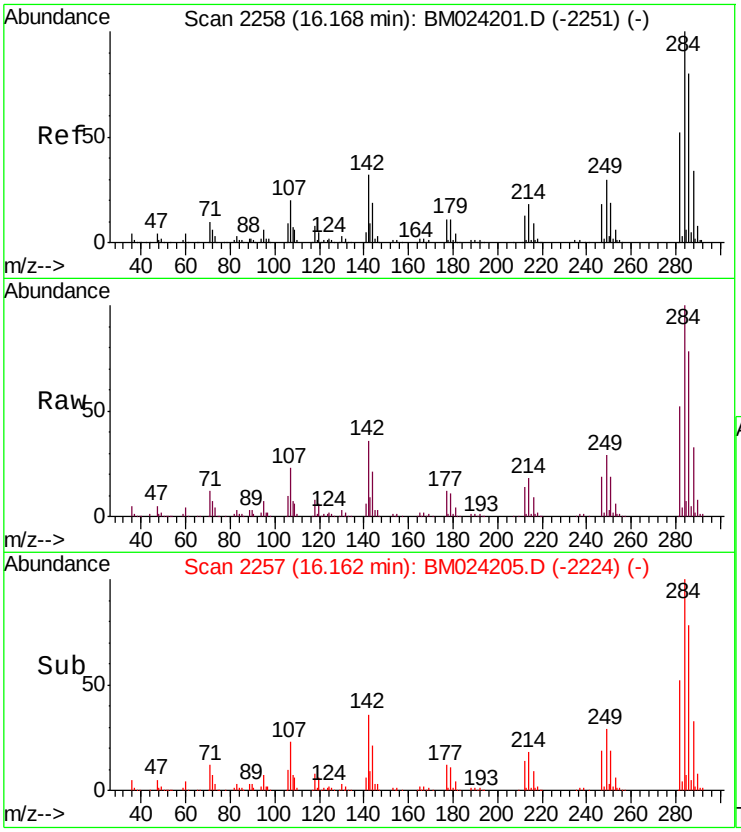


#66
4-Bromophenyl-phenylether
Concen: 23.379 ng/ul
RT: 16.06 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:248 Resp: 425195

Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.9	118.3
141	74.2	60.3	90.5



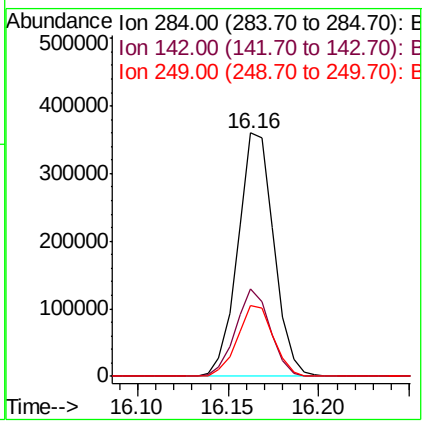


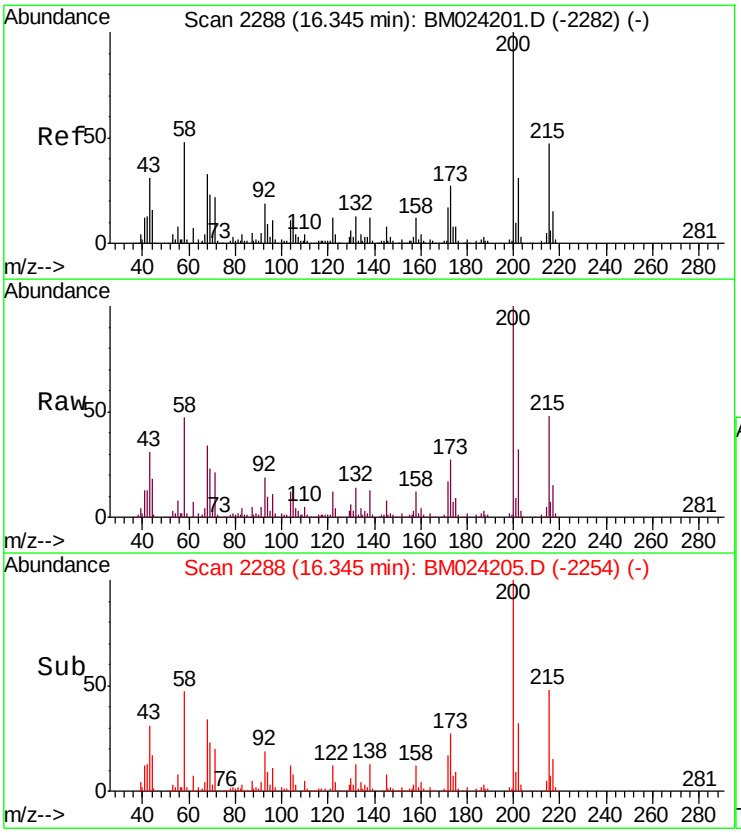
#67
Hexachlorobenzene
Concen: 22.261 ng/ul
RT: 16.16 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:284 Resp: 495732

Ion	Ratio	Lower	Upper
284	100		
142	35.8	27.4	41.0
249	29.2	23.8	35.6

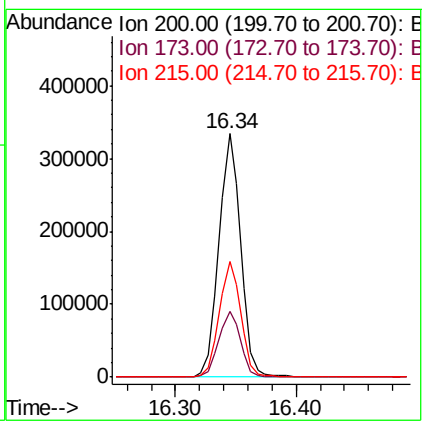


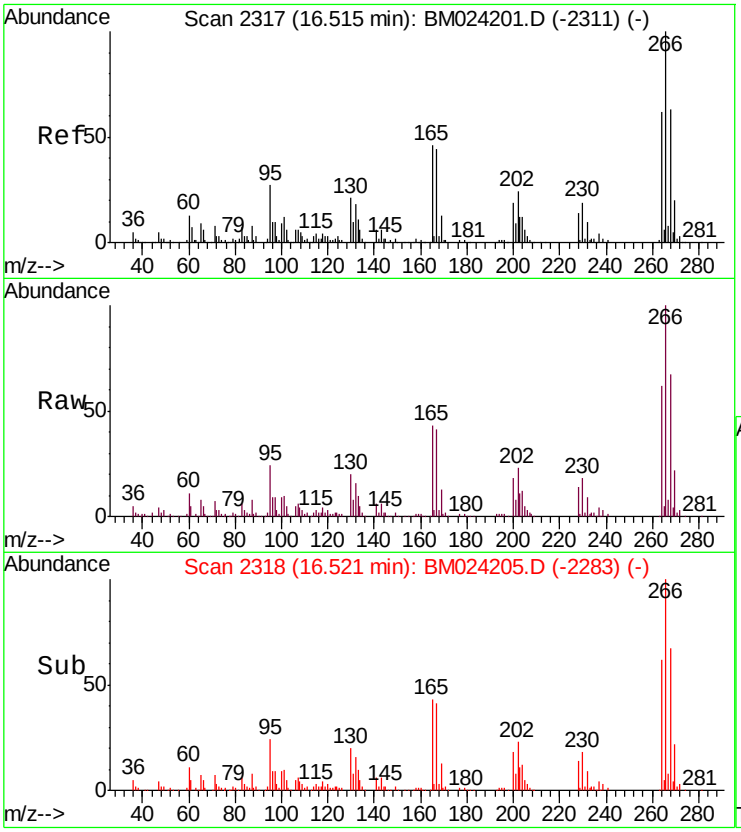


#68
Atrazine
Concen: 22.422 ng/ul
RT: 16.34 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:200 Resp: 414649

Ion	Ratio	Lower	Upper
200	100		
173	26.8	21.8	32.8
215	47.6	37.3	55.9



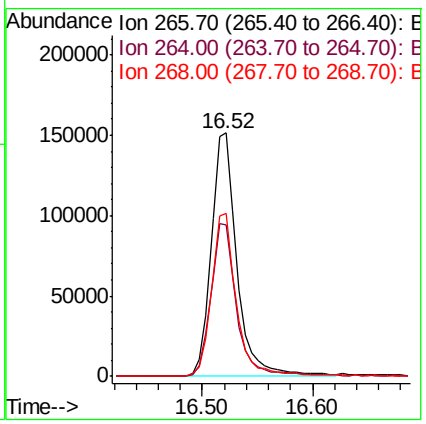


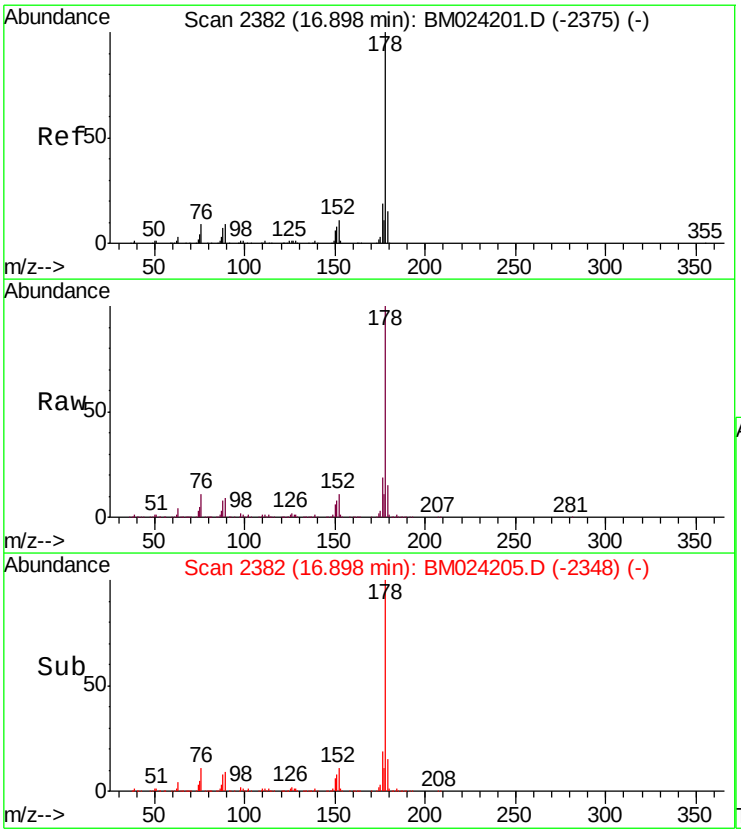
#69
Pentachlorophenol
Concen: 20.851 ng/ul
RT: 16.52 min Scan# 2318
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:266 Resp: 243318

Ion	Ratio	Lower	Upper
266	100		
264	62.2	47.9	71.9
268	66.8	51.3	76.9

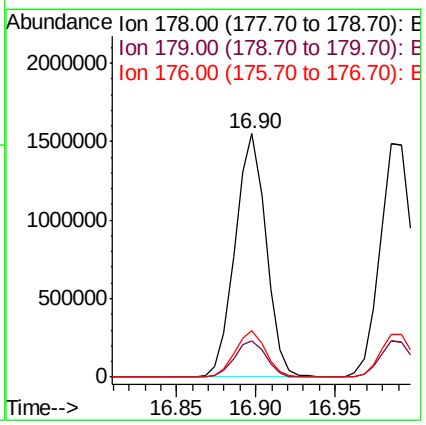


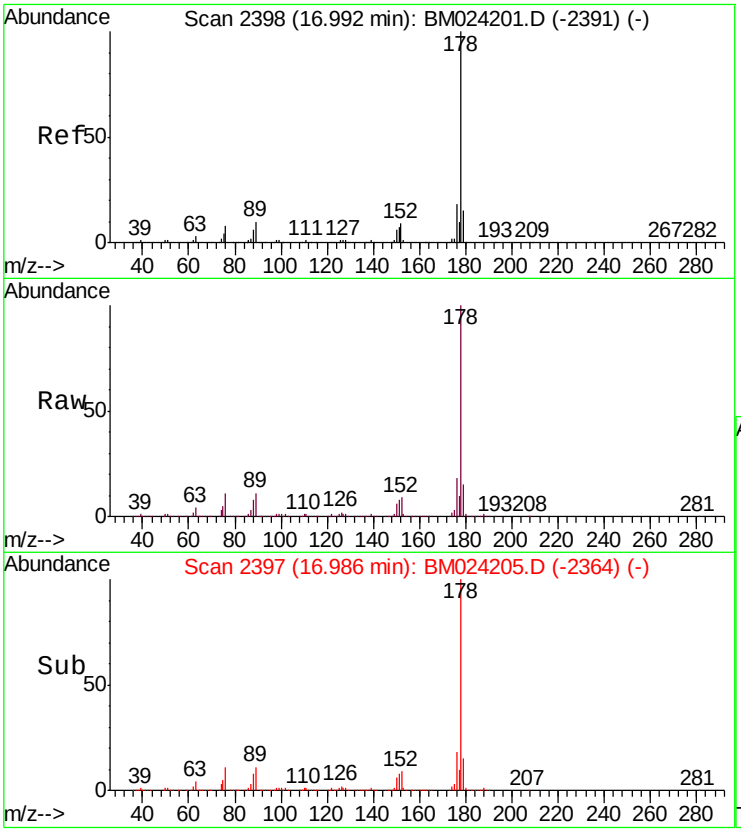


#70
Phenanthrene
Concen: 21.895 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:178 Resp: 2097335

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.1	15.1	22.7



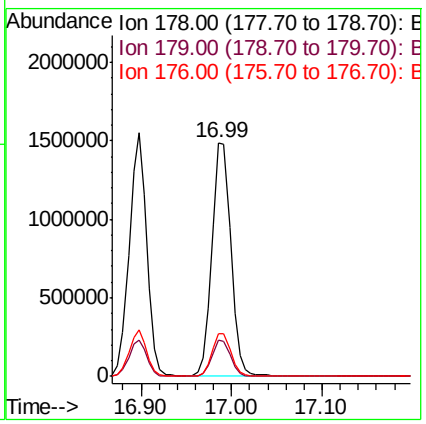


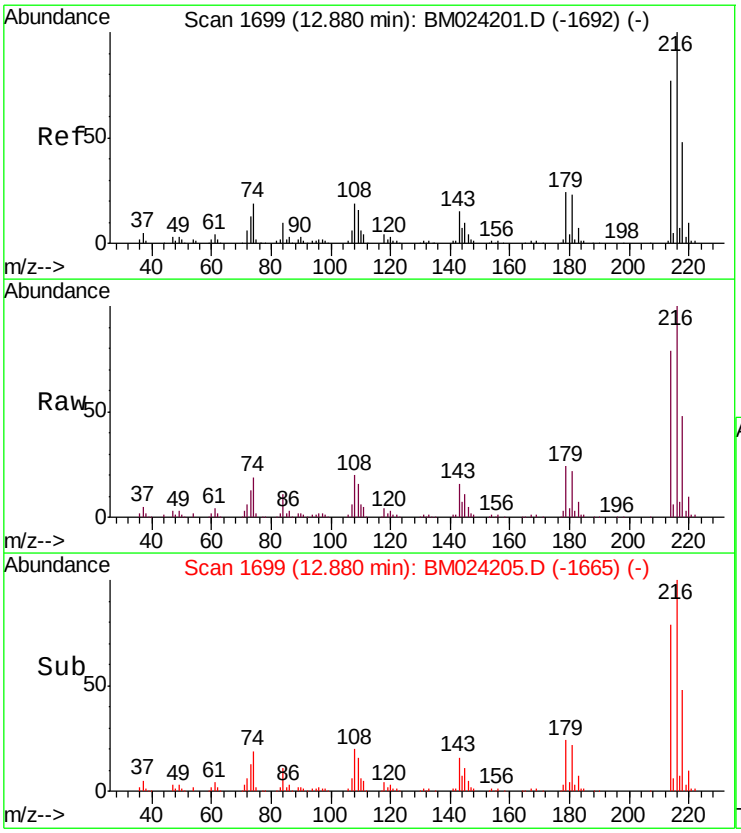
#72
Anthracene
Concen: 22.367 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:178 Resp: 2153948

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	14.7	22.1

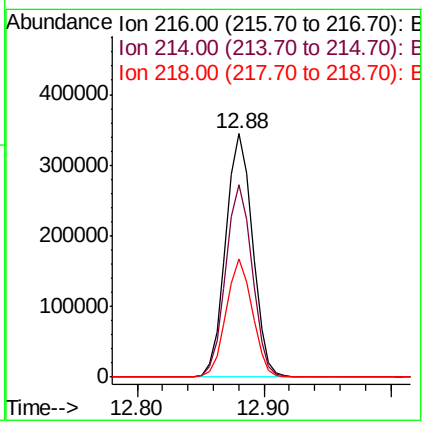


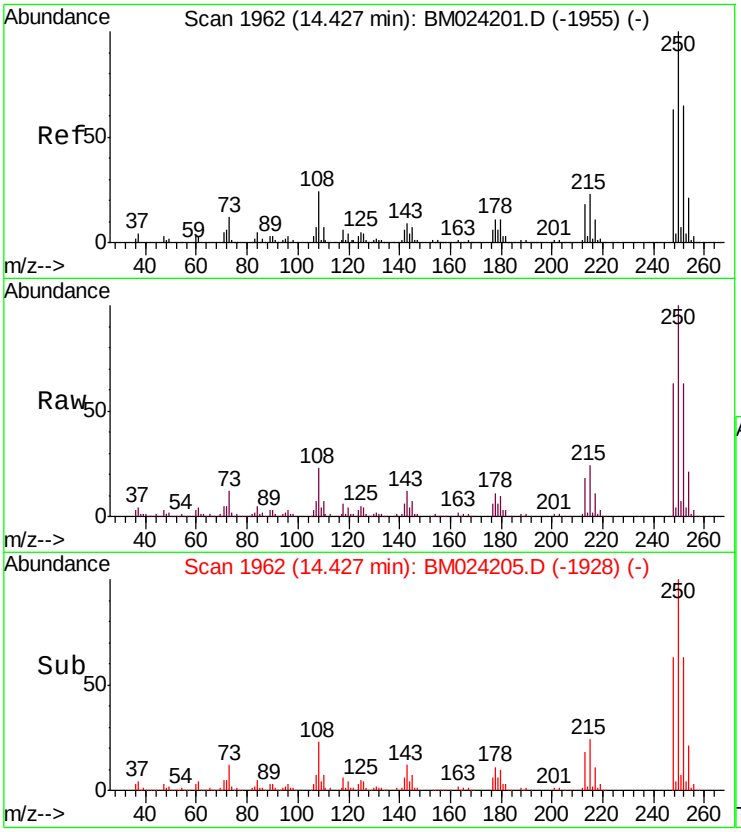


#73
1,2,3,4-Tetrachlorobenzene
Concen: 23.494 ng/uL
RT: 12.88 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:216 Resp: 504513

Ion	Ratio	Lower	Upper
216	100		
214	79.2	61.2	91.8
218	48.3	38.0	57.0



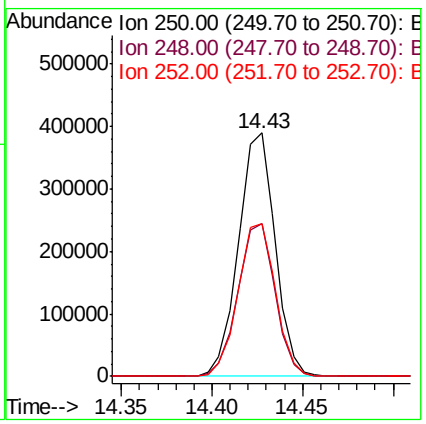


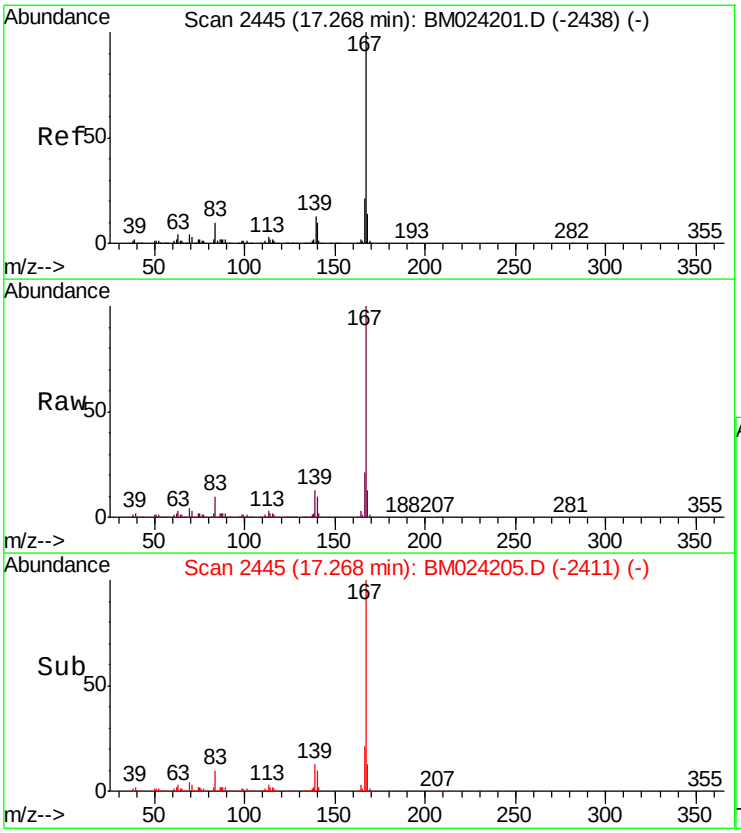
#74
Pentachlorobenzene
Concen: 23.201 ng/uL
RT: 14.43 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:250 Resp: 548698

Ion	Ratio	Lower	Upper
250	100		
248	62.7	51.9	77.9
252	62.9	52.8	79.2

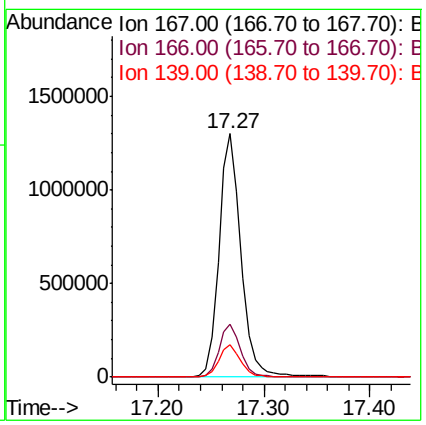


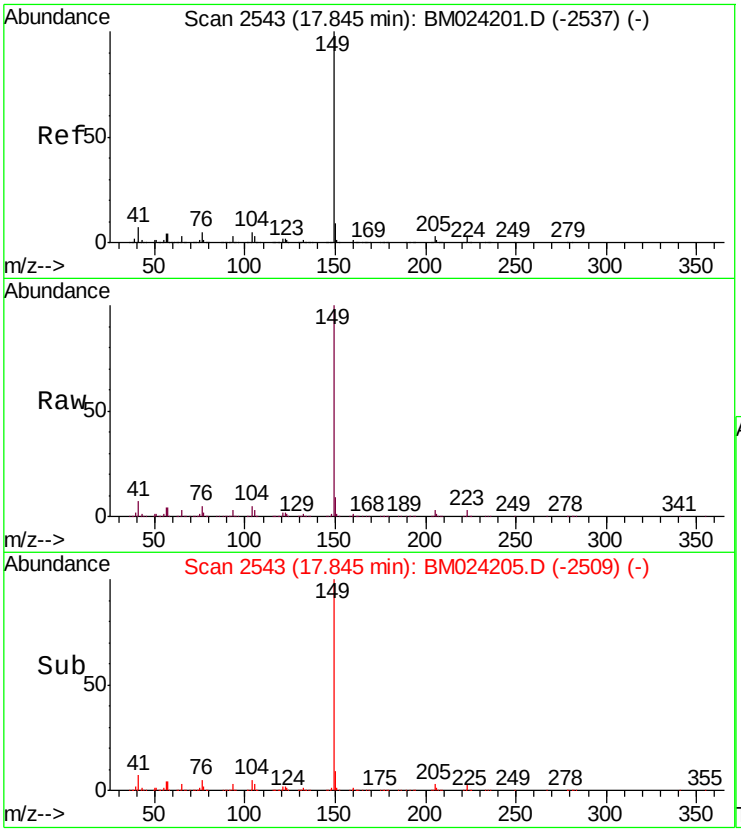


#75
Carbazole
Concen: 22.728 ng/ul
RT: 17.27 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:167 Resp: 1880231

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.4	10.3	15.5



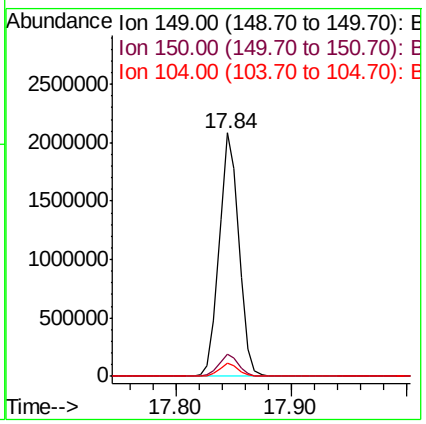


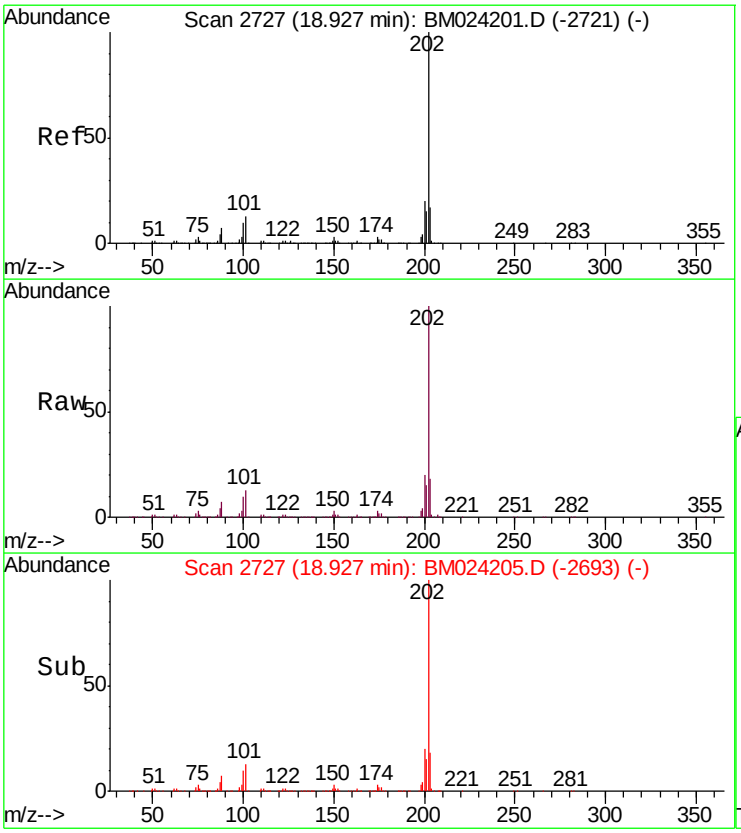
#76
Di-n-butylphthalate
Concen: 24.786 ng/ul
RT: 17.84 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:149 Resp: 2459076

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.2	4.2	6.2

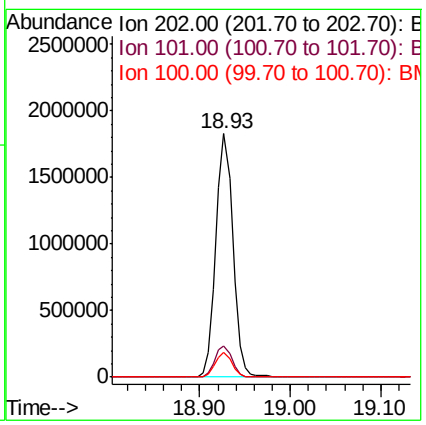


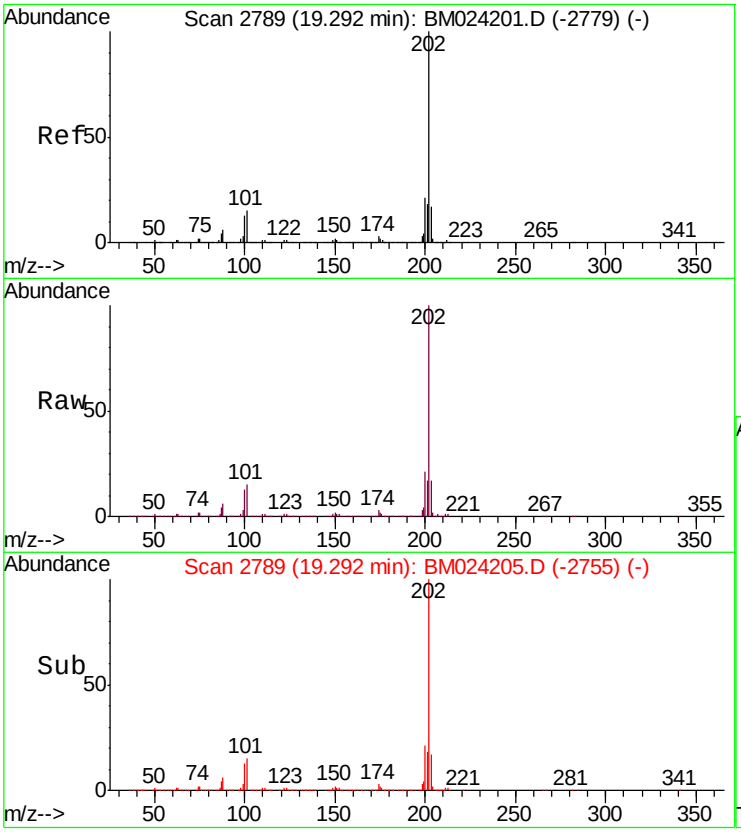


#77
Fluoranthene
Concen: 22.859 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:202 Resp: 2386558

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
100	10.1	8.1	12.1



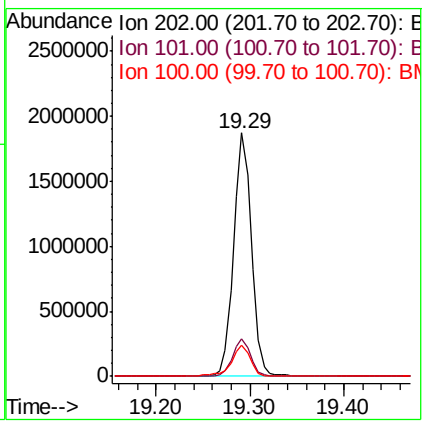


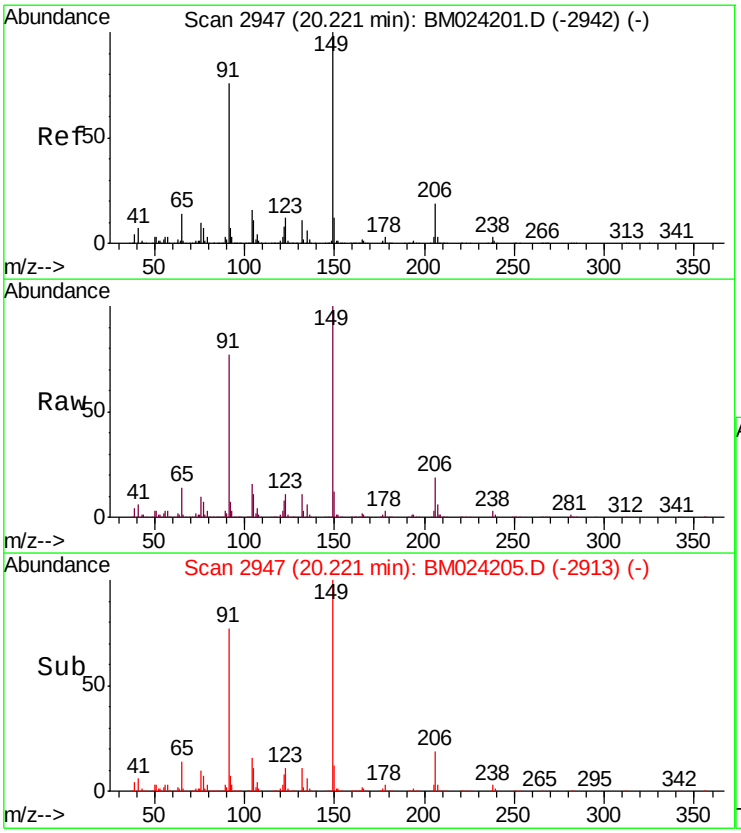
#80
Pyrene
Concen: 22.618 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:202 Resp: 2462011

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.2	18.4
100	12.7	10.0	15.0

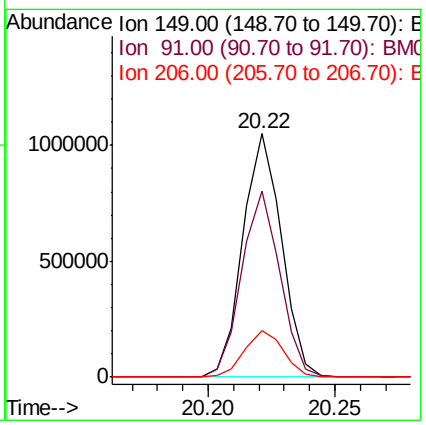


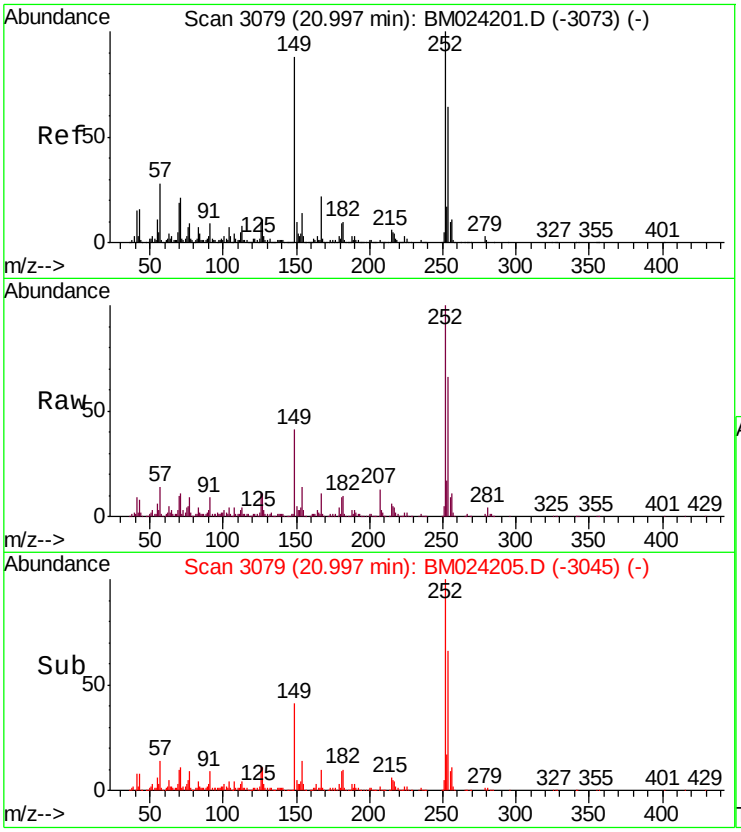


#81
Butylbenzylphthalate
Concen: 26.019 ng/ul
RT: 20.22 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:149 Resp: 1115799

Ion	Ratio	Lower	Upper
149	100		
91	76.6	59.8	89.8
206	19.3	15.4	23.2



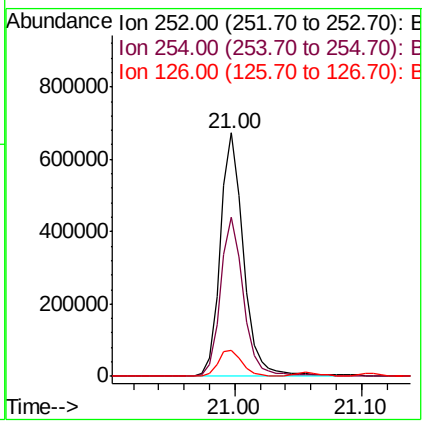


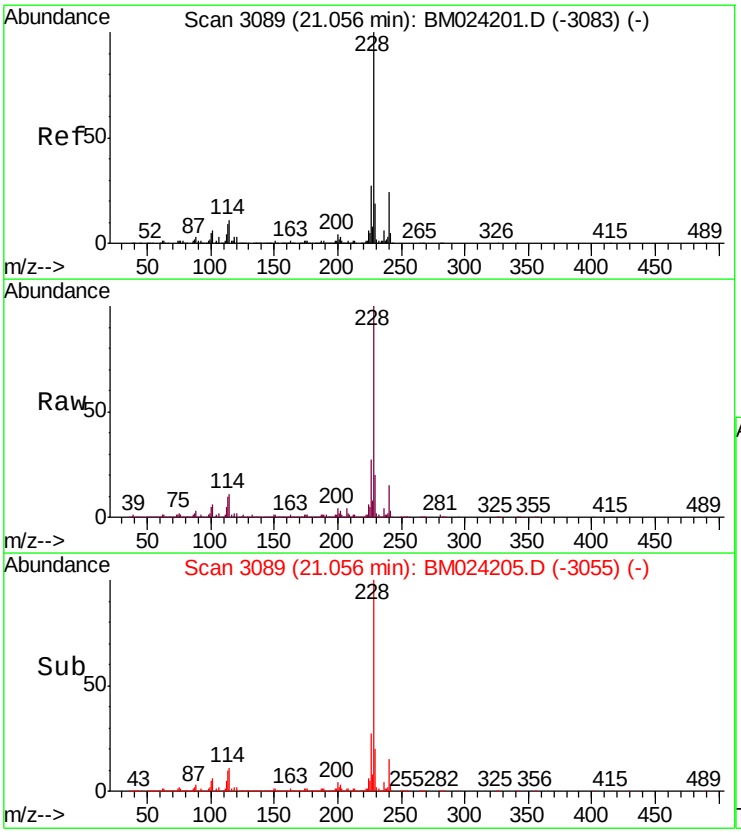
#82
3,3'-Dichlorobenzidine
Concen: 23.059 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:252 Resp: 853489

Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	10.8	8.9	13.3

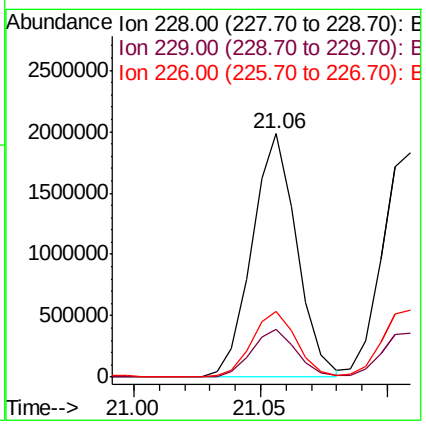


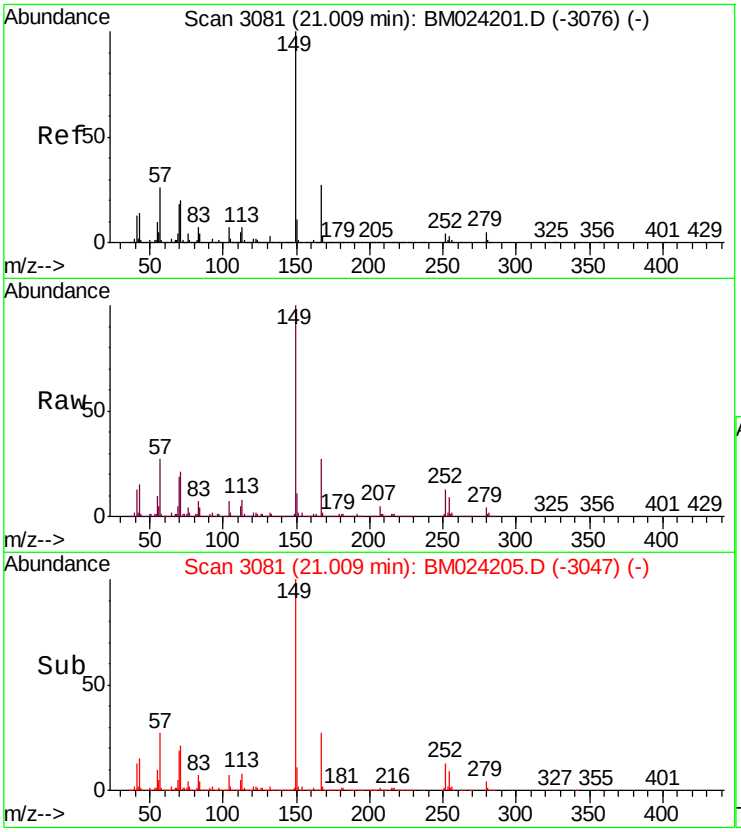


#83
Benzo(a)anthracene
Concen: 22.945 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:228 Resp: 2437555

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	26.9	22.2	33.2



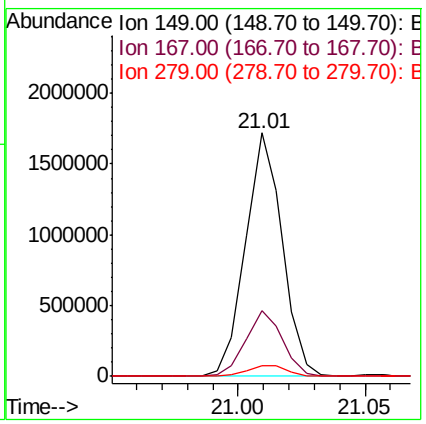


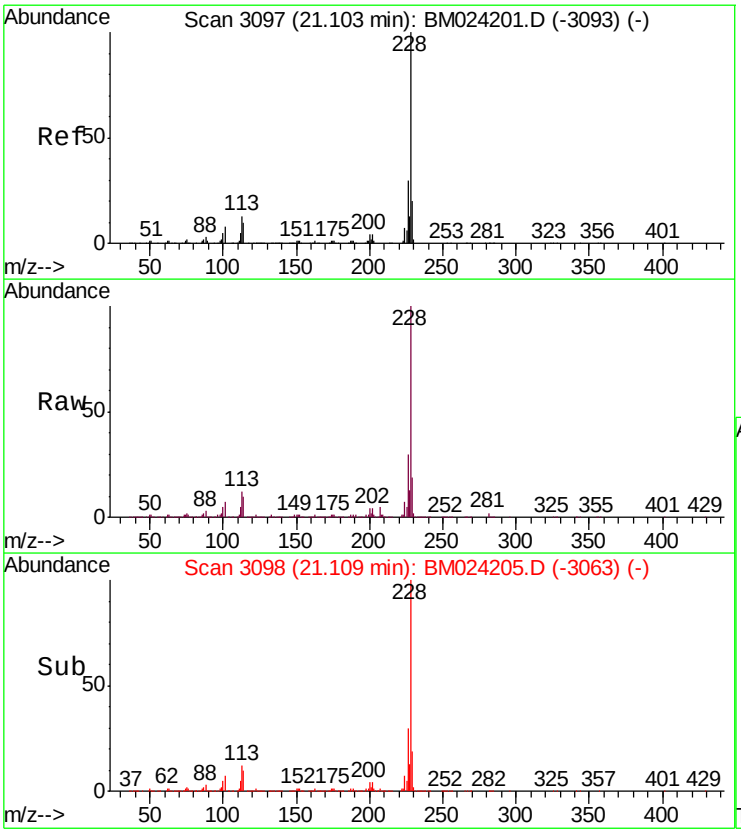
#84
Bis(2-ethylhexyl)phthalate
Concen: 27.007 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:149 Resp: 1725931

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.4	3.7	5.5

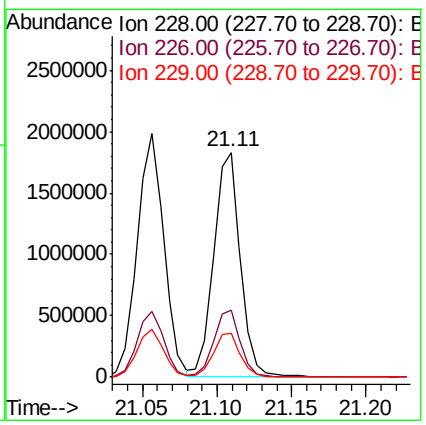


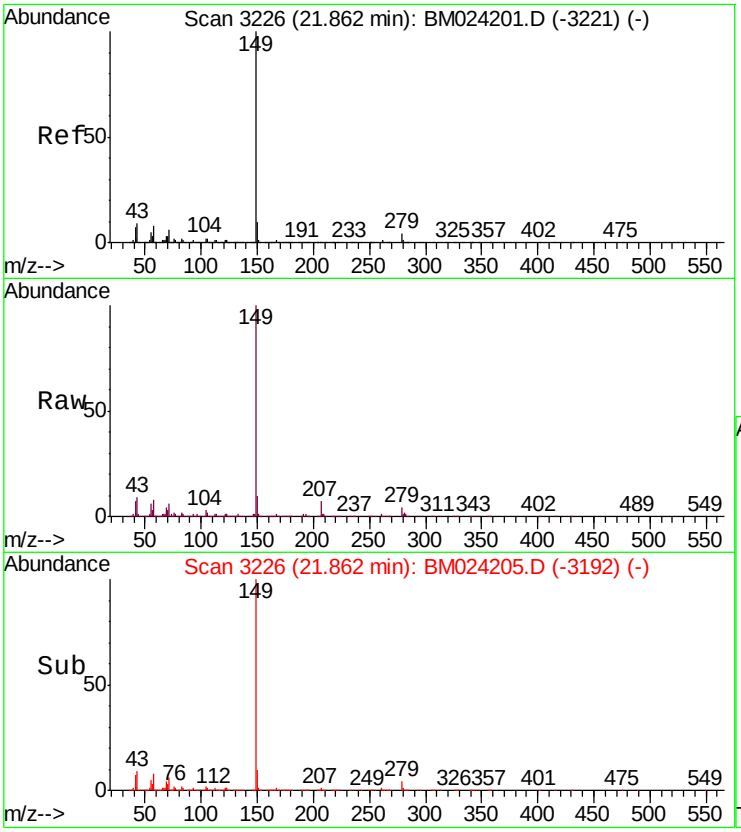


#85
Chrysene
Concen: 21.898 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:228 Resp: 2280224

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.4	15.4	23.2

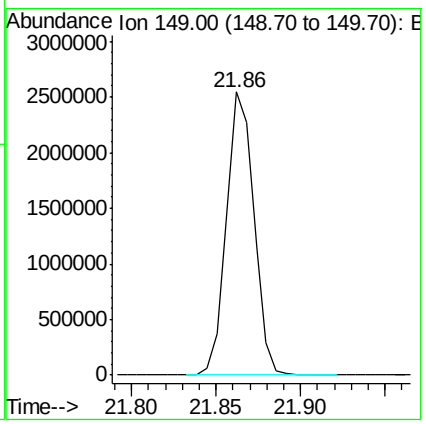


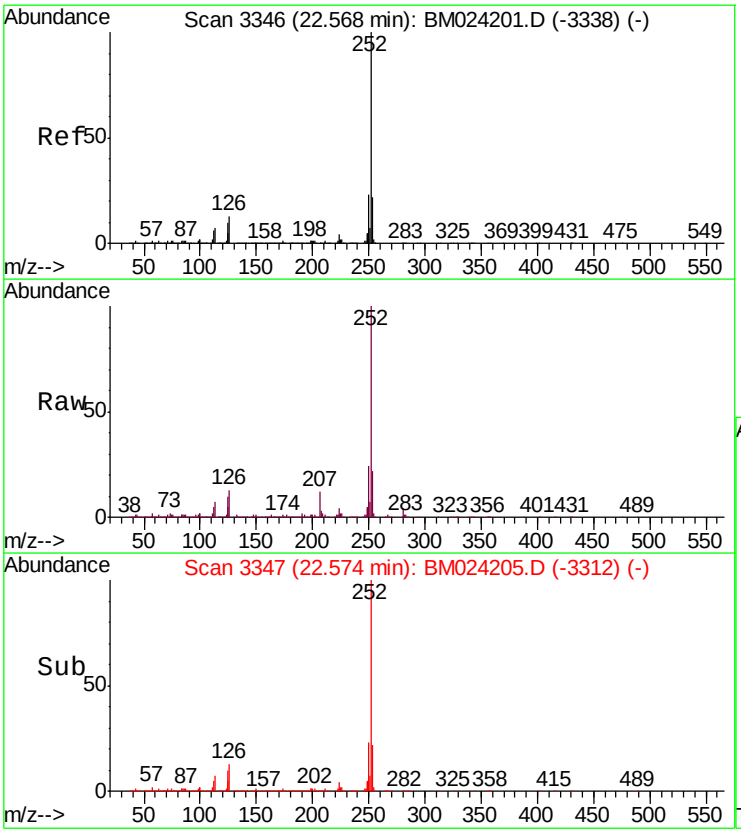


#87
Di-n-octyl phthalate
Concen: 28.246 ng/ul
RT: 21.86 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:149 Resp: 2866500

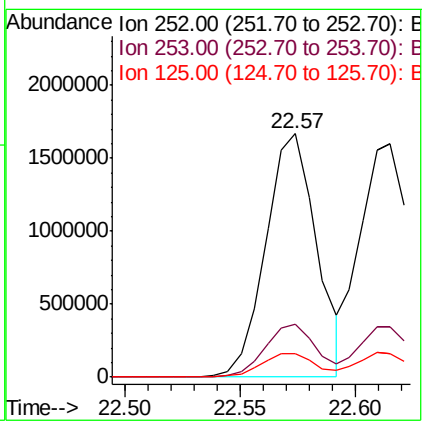


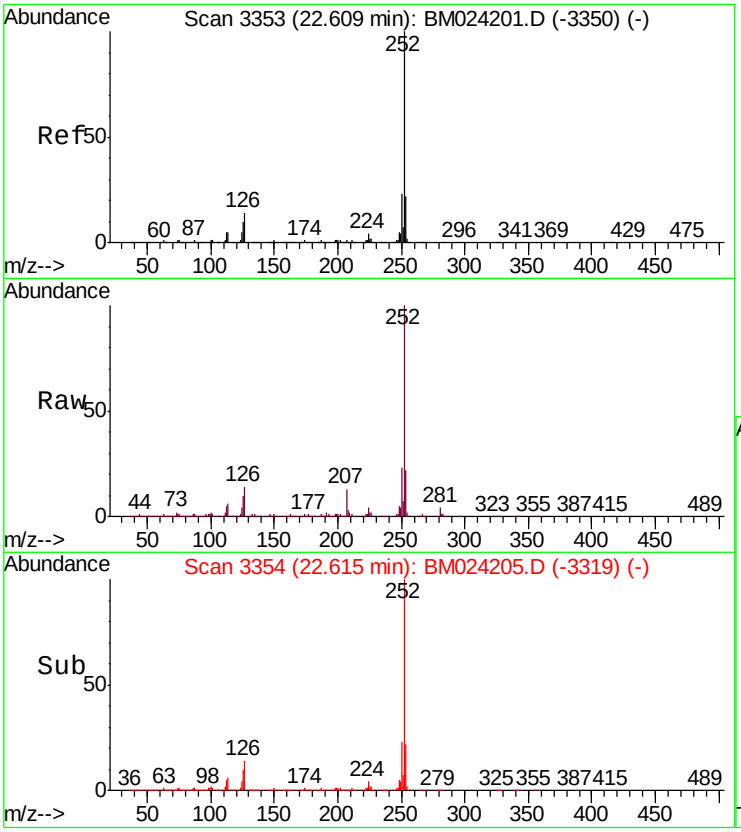


#88
Benzo(b)fluoranthene
Concen: 22.726 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:252 Resp: 2554051

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	9.7	7.8	11.8



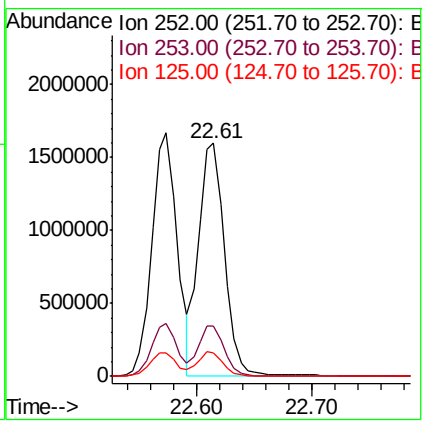


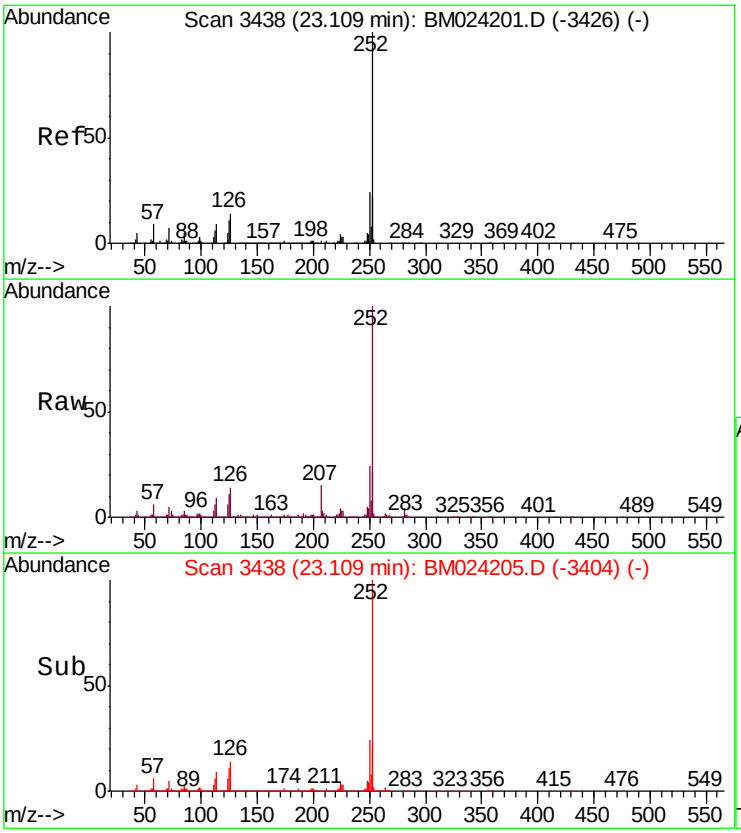
#89
Benzo(k)fluoranthene
Concen: 22.587 ng/ul
RT: 22.61 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:252 Resp: 2490720

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	9.8	7.9	11.9

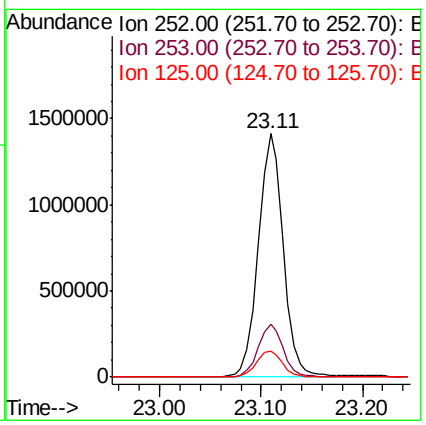


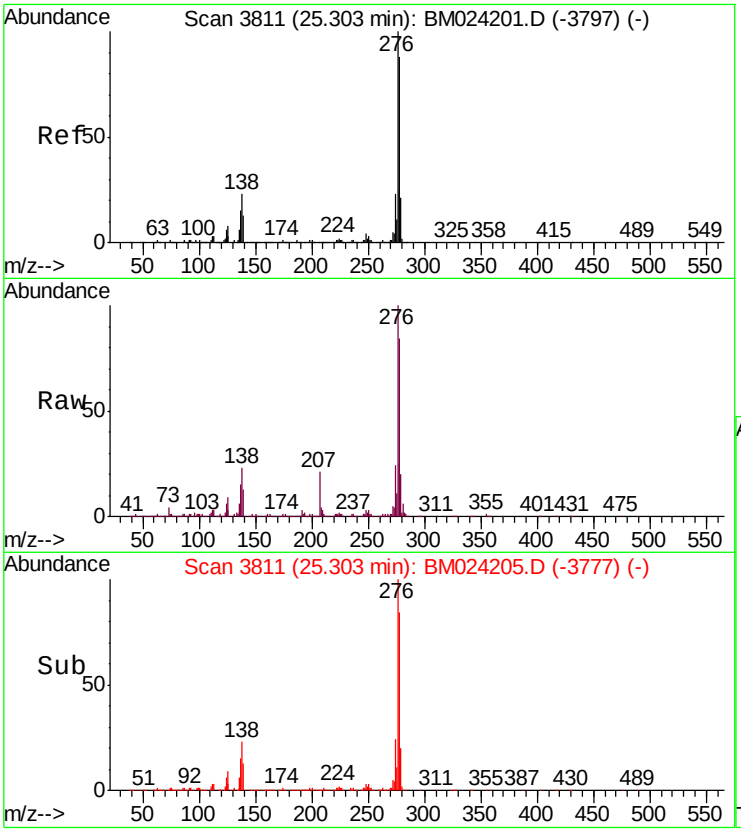


#91
Benzo(a)pyrene
Concen: 23.827 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:252 Resp: 2422455

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.8	8.2	12.4



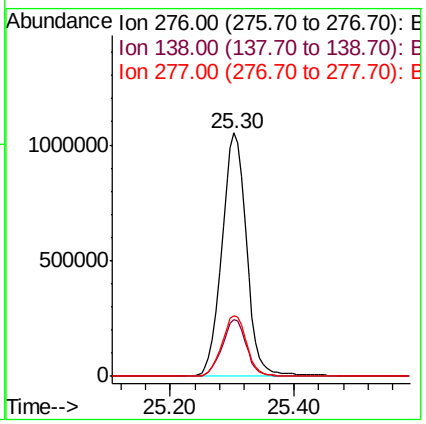


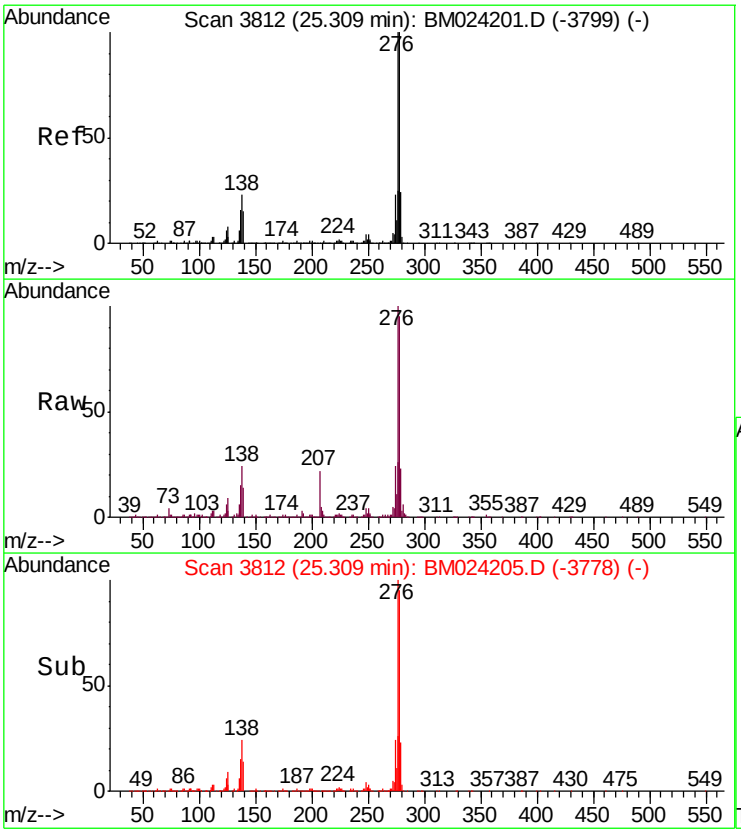
#92
Indeno(1,2,3-cd)pyrene
Concen: 23.873 ng/ul
RT: 25.30 min Scan# 3811
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:276 Resp: 2914425

Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.3	27.5
277	25.1	20.2	30.2

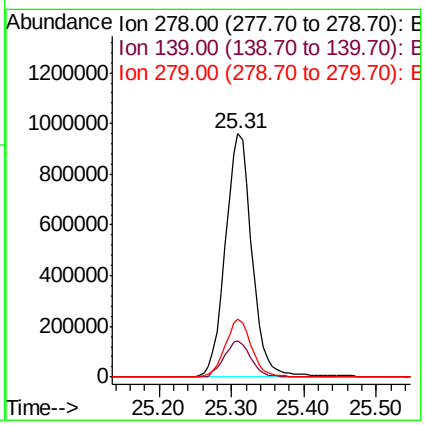


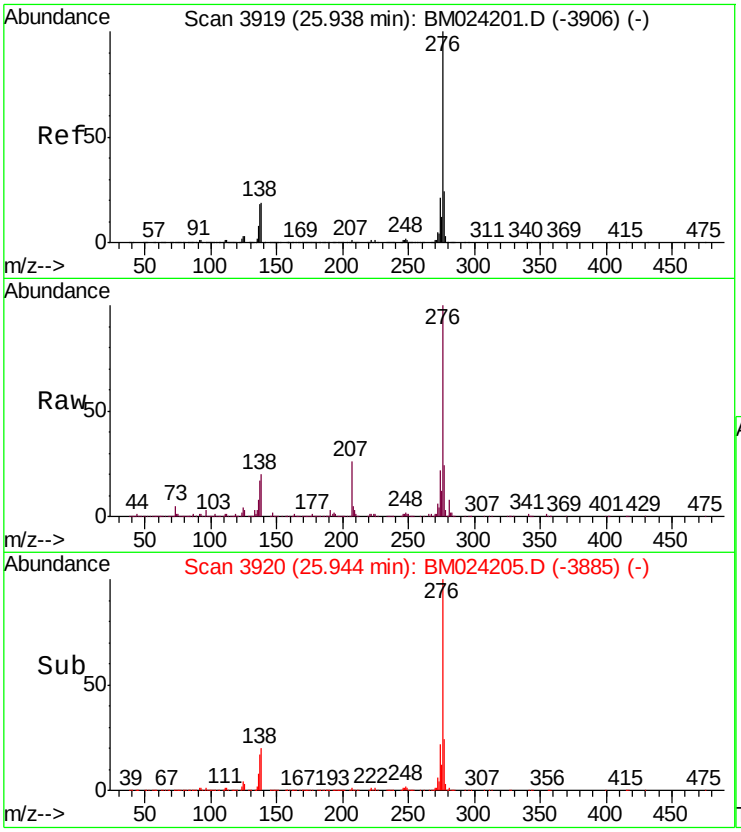


#93
Dibenzo(a,h)anthracene
Concen: 23.974 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. -0.00 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Tgt Ion:278 Resp: 2453792

Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.5	17.3
279	23.7	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 24.143 ng/ul
RT: 25.94 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM024205.D
Acq: 20 Dec 2019 16:04

Instrument :
BNA_M
ClientSampleId :
A5169MSD

Tgt Ion:276 Resp: 2406487

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.3	22.9
277	23.9	19.3	28.9