Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024494.D
Acq On : 17 Jan 2020 13:14
Operator : JU
Sample : L1071-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2L40

Quant Time: Jan 17 13:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 17 12:17:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	189194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	843503	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	630458	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1480514	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1550196	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1581912	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	21684	5.60	ng/uL	0.00
5) Phenol-d5	6.65	99	395101	28.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	235639	30.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	372768	31.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	365210	28.24	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	196731	33.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	224568	34.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	484189	33.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	487897	30.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1656831	33.54	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1874257	32.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	254493	30.87	ng/ul	0.00
58) Fluorene-d10	15.11	176	1432410	32.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	254652	30.13	ng/ul	0.00
71) Anthracene-d10	16.96	188	2338469	33.97	ng/ul	0.00
79) Pyrene-d10	19.26	212	2792610	33.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	2807552	34.22	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.68	94	735641	51.623	ng/ul	99
10) 2-Chlorophenol	7.03	128	689665	57.538	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	315658	23.931	ng/ul	98
17) Hexachloroethane	8.53	117	302964	56.637	ng/ul	97
27) 2,4-Dichlorophenol	9.87	162	815779	58.202	ng/ul	99
28) Naphthalene	10.27	128	2266502	52.450	ng/ul	100
31) Hexachlorobutadiene	10.57	225	563063	50.470	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	1594213	76.859	ng/ul	98
46) 2,6-Dinitrotoluene	13.69	165	628288	66.489	ng/ul	100
50) Acenaphthene	14.17	153	2336099	59.433	ng/ul	100
55) 2,4-Dinitrotoluene	14.48	165	806761	57.103	ng/ul	99
57) Diethylphthalate	14.97	149	3117521	60.463	ng/ul	100
59) Fluorene	15.17	166	2826843	58.063	ng/ul	99
67) Hexachlorobenzene	16.17	284	1277212	63.365	ng/ul	98
69) Pentachlorophenol	16.52	266	803443	66.952	ng/ul	99
72) Anthracene	16.99	178	4207309	51.674	ng/ul	100
80) Pyrene	19.29	202	6456683	60.842	ng/ul	100
81) Butylbenzylphthalate	20.23	149	2532749	67.957	ng/ul	98
83) Benzo(a)anthracene	21.05	228	4881622	46.227	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	3807234	64.530	ng/ul	99
85) Chrysene	21.10	228	4734880	46.531	ng/ul	99
88) Benzo(b)fluoranthene	22.56	252	4859304	46.475	ng/ul	100
89) Benzo(k)fluoranthene	22.61	252	3702049	36.027	ng/ul	99

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024494.D
Acq On : 17 Jan 2020 13:14
Operator : JU
Sample : L1071-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2L40

Quant Time: Jan 17 13:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 17 12:17:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
91) Benzo(a)pyrene	23.10	252	4083509	44.942 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.27	276	5638073	59.303 ng/ul	96
93) Dibenzo(a,h)anthracene	25.29	278	5301719	65.707 ng/ul	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024494.D
Acq On : 17 Jan 2020 13:14
Operator : JU
Sample : L1071-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
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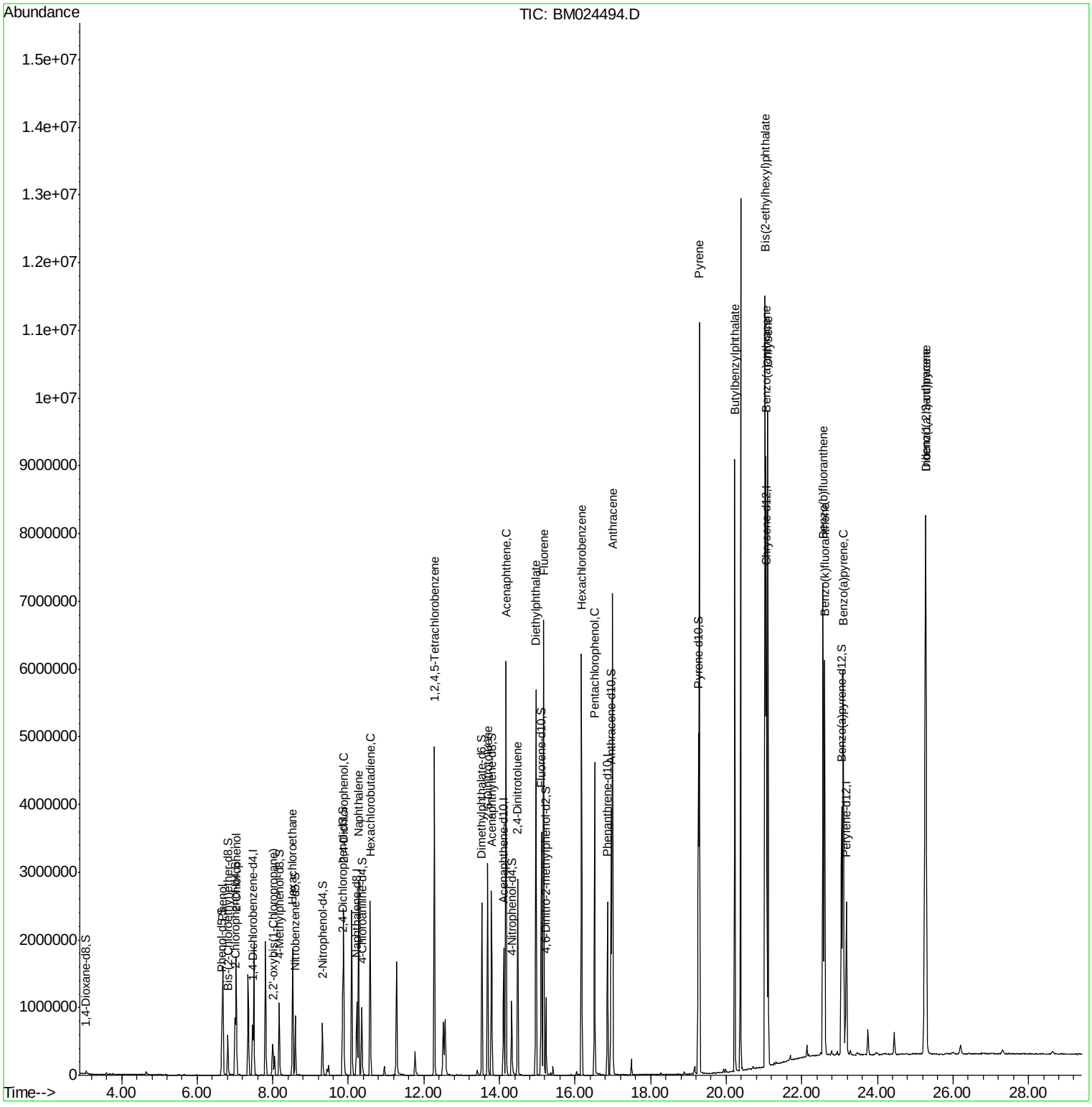
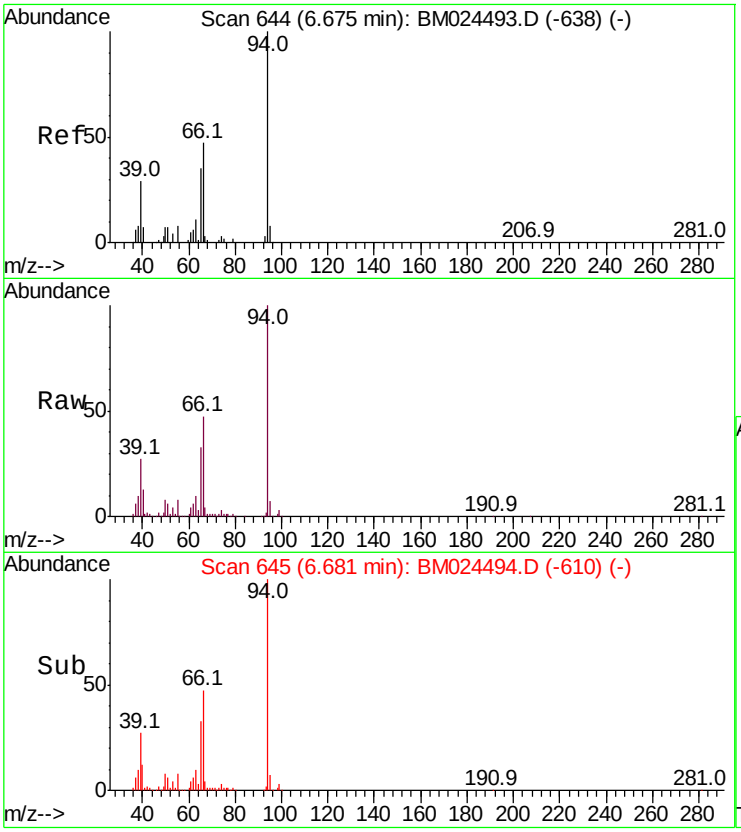
Quant Time: Jan 17 13:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 17 12:17:39 2020
Response via : Initial Calibration



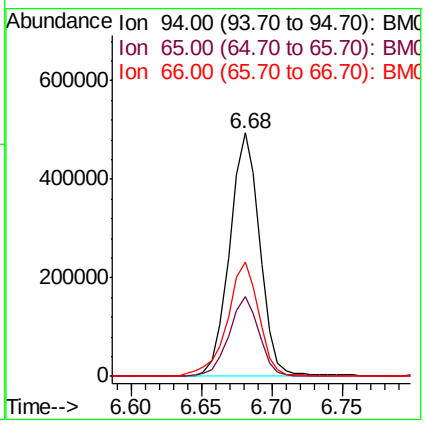


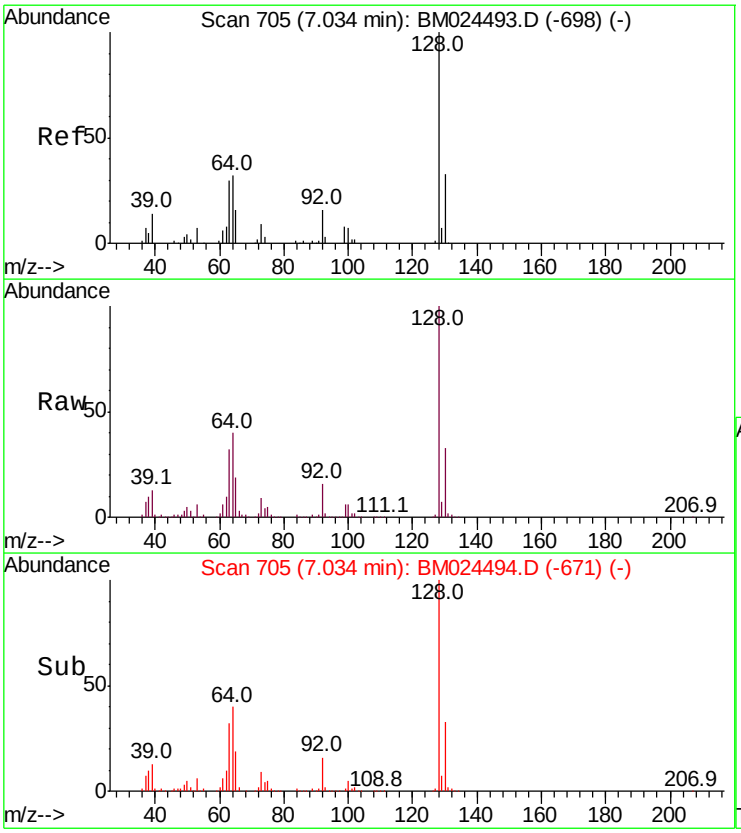
#6
Phenol
Concen: 51.623 ng/ul
RT: 6.68 min Scan# 645
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion: 94 Resp: 735641

Ion	Ratio	Lower	Upper
94	100		
65	33.0	26.7	40.1
66	46.9	38.1	57.1

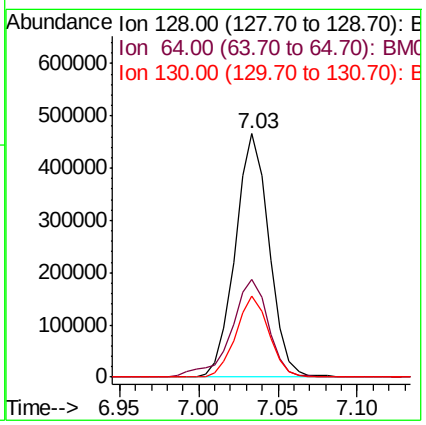


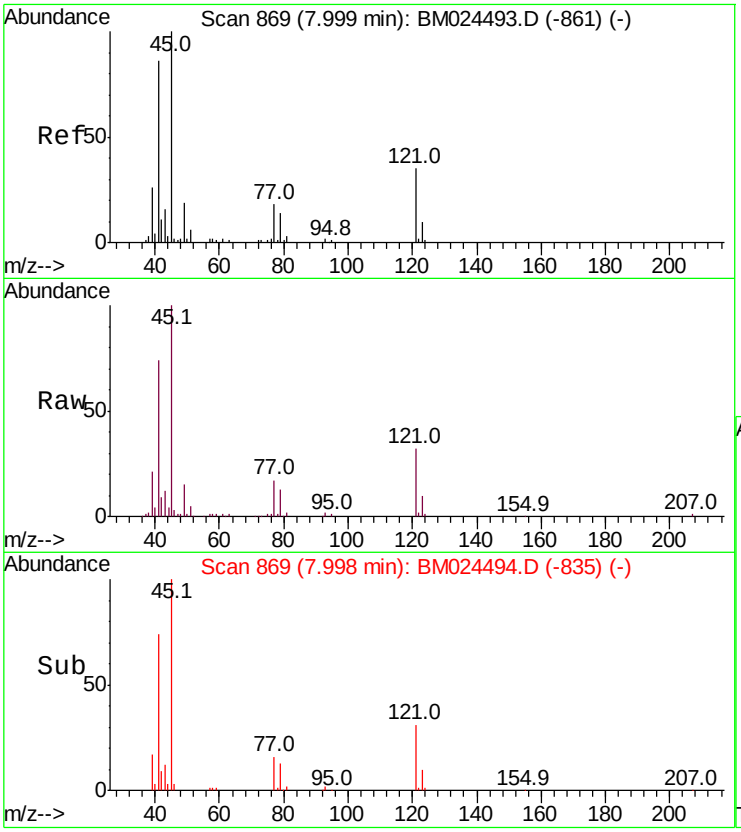


#10
2-Chlorophenol
Concen: 57.538 ng/ul
RT: 7.03 min Scan# 705
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:128 Resp: 689665

Ion	Ratio	Lower	Upper
128	100		
64	40.0	34.0	51.0
130	33.3	25.4	38.2



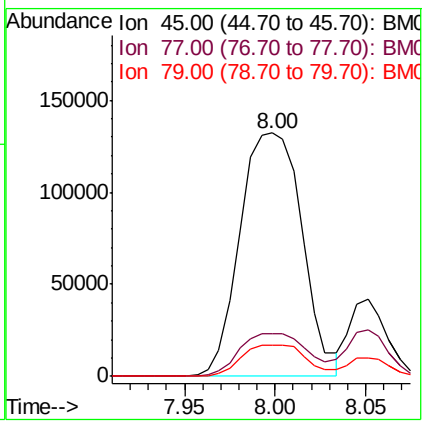


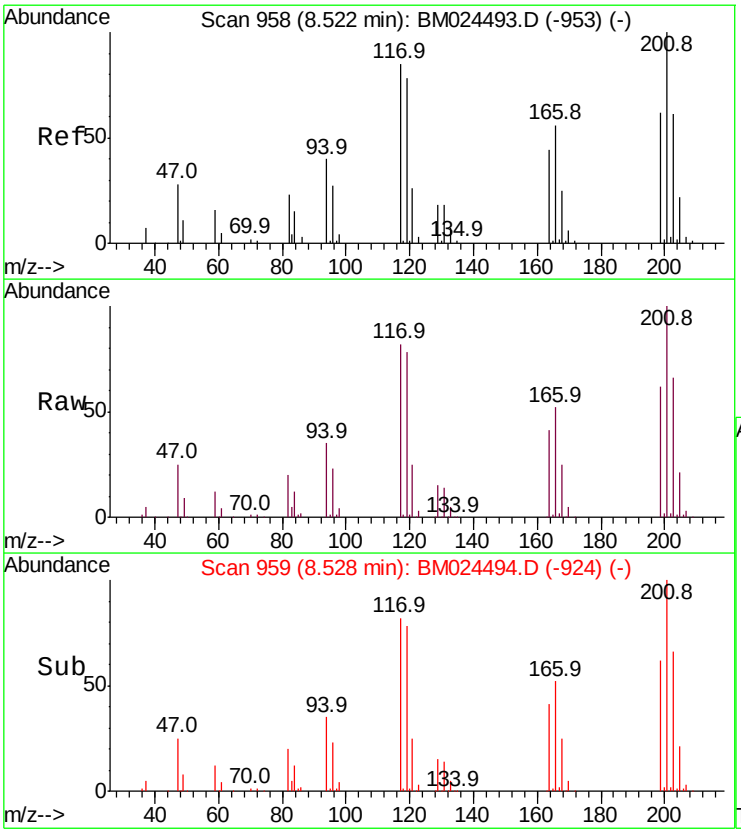
#12
2,2'-oxybis(1-Chloropropane)
Concen: 23.931 ng/ul
RT: 8.00 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion: 45 Resp: 315658

Ion	Ratio	Lower	Upper
45	100		
77	17.3	14.5	21.7
79	13.0	11.2	16.8

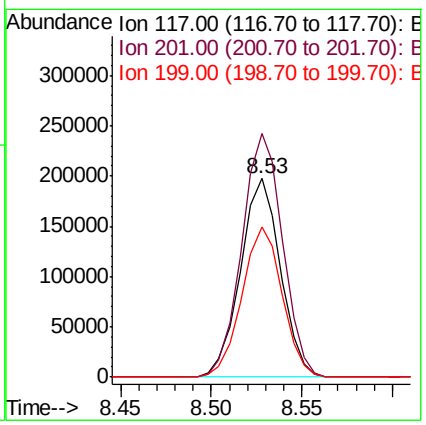


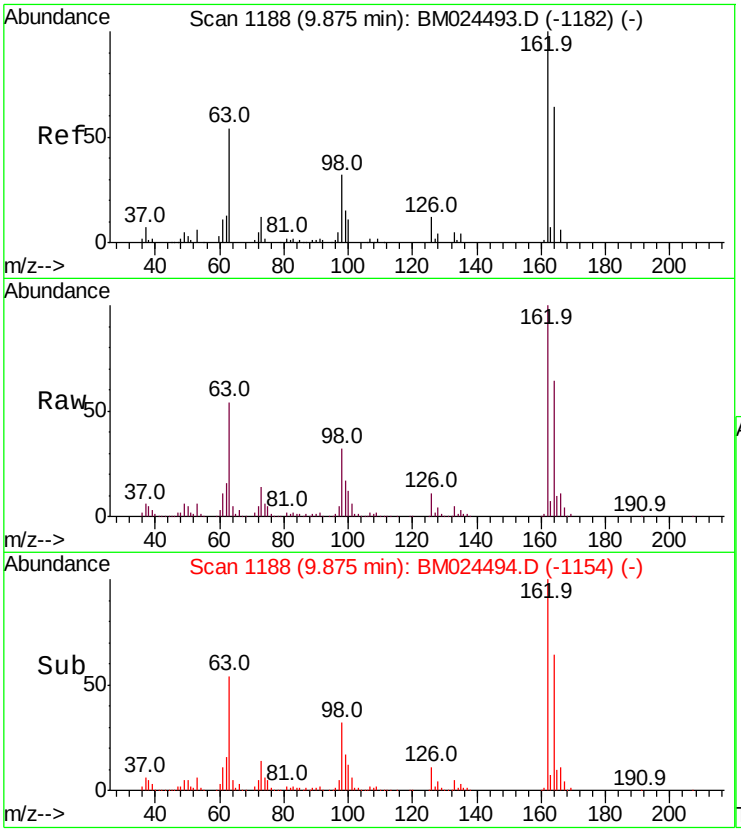


#17
Hexachloroethane
Concen: 56.637 ng/ul
RT: 8.53 min Scan# 959
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:117 Resp: 302964

Ion	Ratio	Lower	Upper
117	100		
201	122.7	94.6	141.8
199	75.9	59.1	88.7



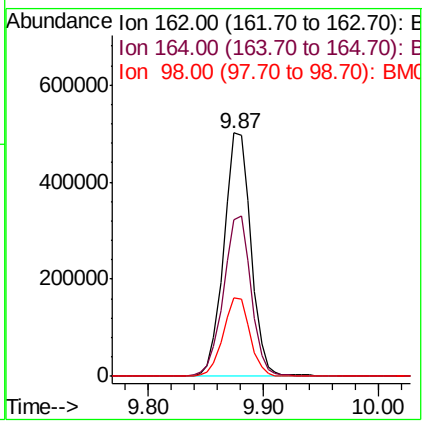


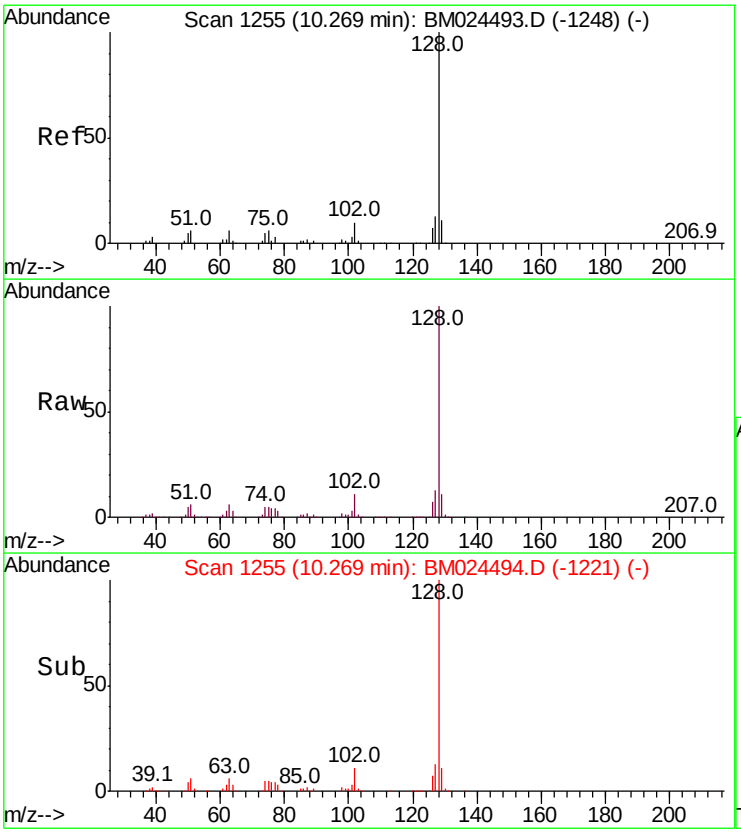
#27
2,4-Dichlorophenol
Concen: 58.202 ng/ul
RT: 9.87 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:162 Resp: 815779

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.4	77.2
98	32.3	24.3	36.5

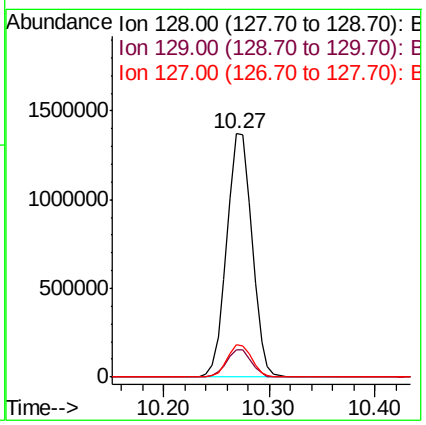


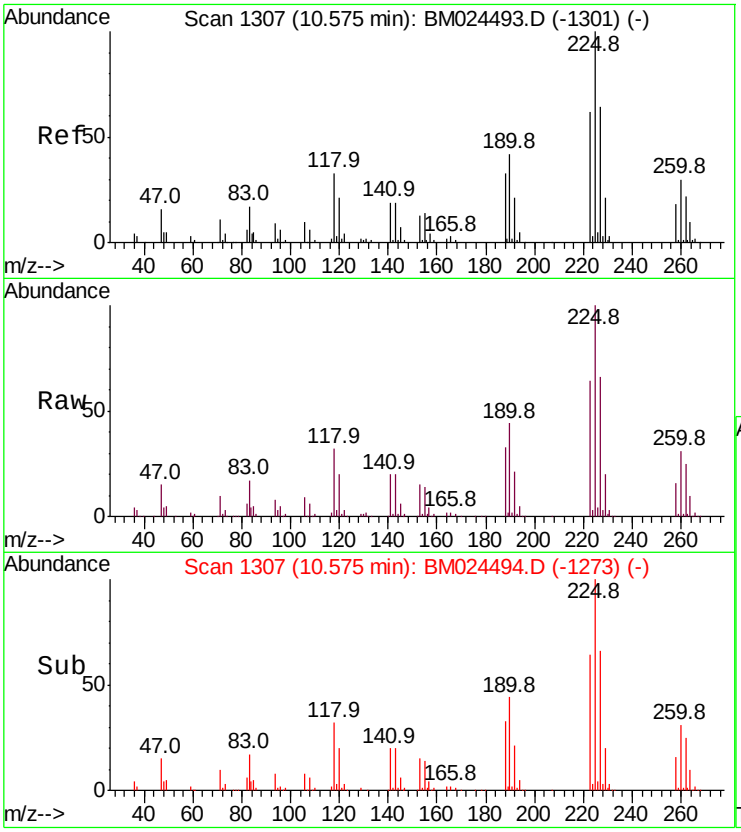


#28
Naphthalene
Concen: 52.450 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:128 Resp: 2266502

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.4	15.6



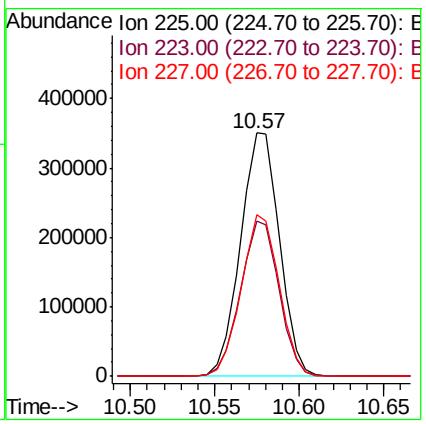


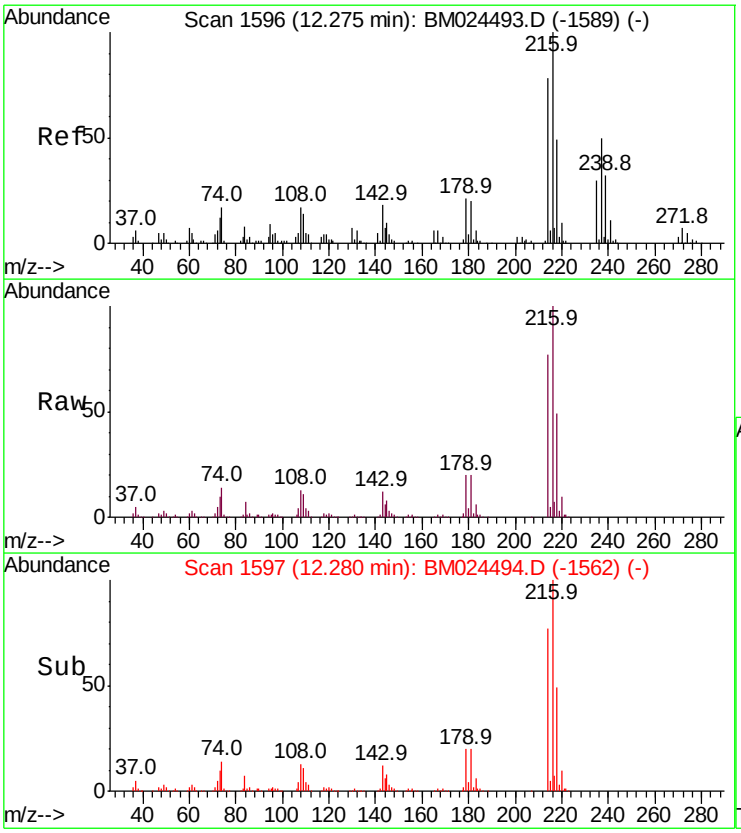
#31
Hexachlorobutadiene
Concen: 50.470 ng/ul
RT: 10.57 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:225 Resp: 563063

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.1	73.7
227	66.4	50.2	75.4

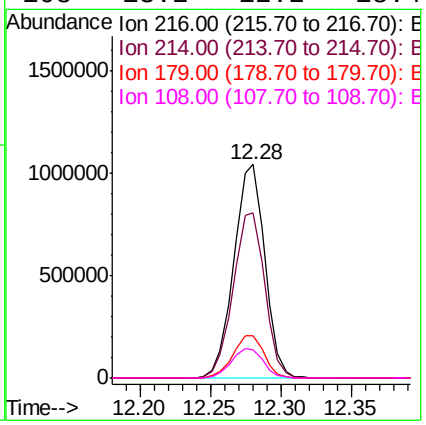


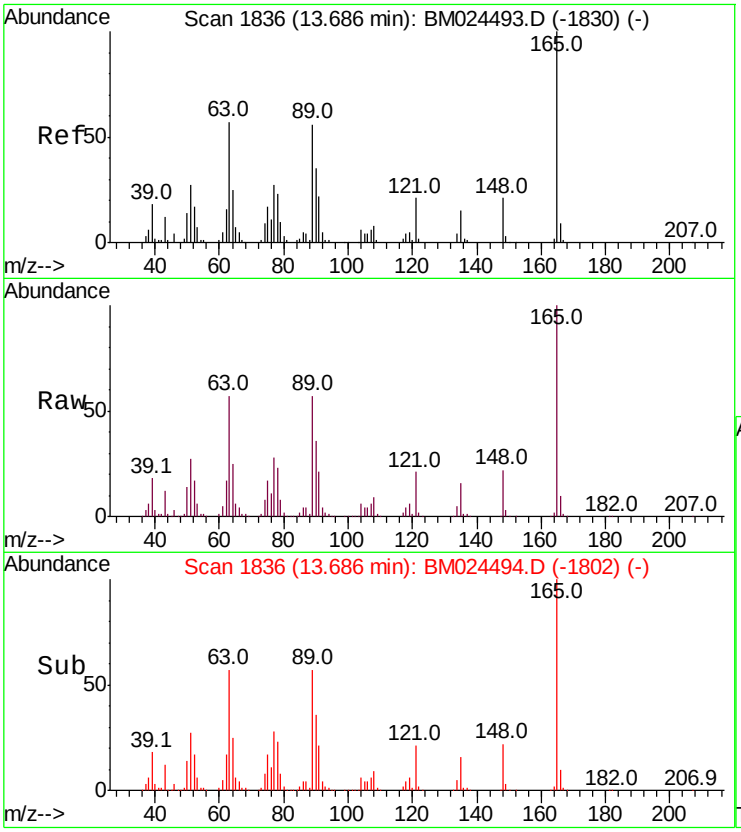


#37
1,2,4,5-Tetrachlorobenzene
Concen: 76.859 ng/ul
RT: 12.28 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:216 Resp: 1594213

Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.4	95.2
179	20.0	16.5	24.7
108	13.2	12.2	18.4



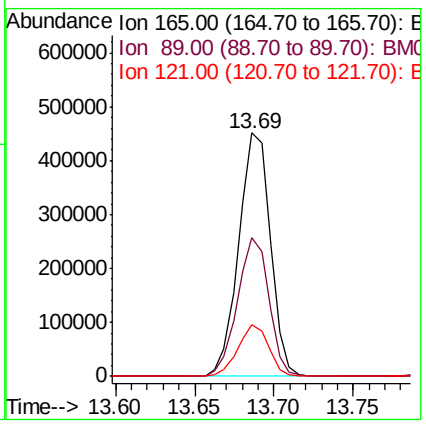


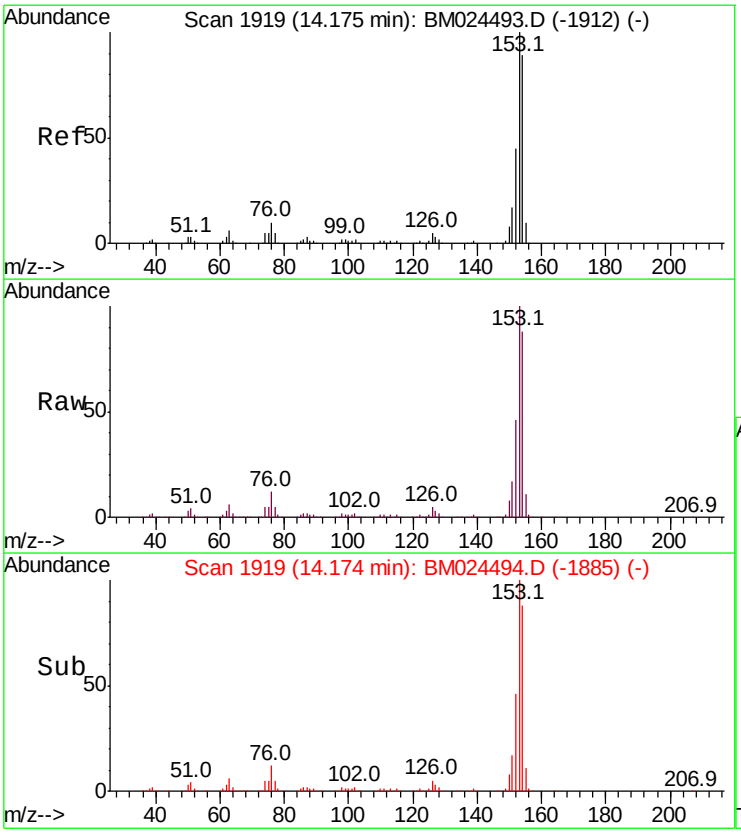
#46
2,6-Dinitrotoluene
Concen: 66.489 ng/ul
RT: 13.69 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:165 Resp: 628288

Ion	Ratio	Lower	Upper
165	100		
89	56.9	45.5	68.3
121	21.0	17.3	25.9

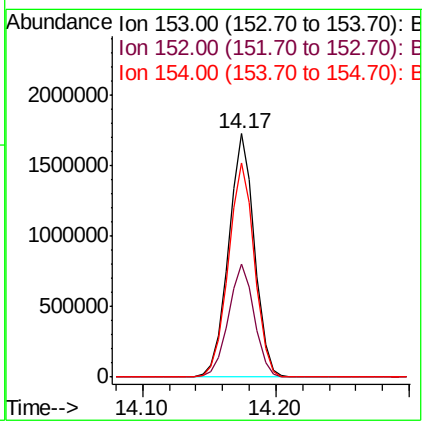


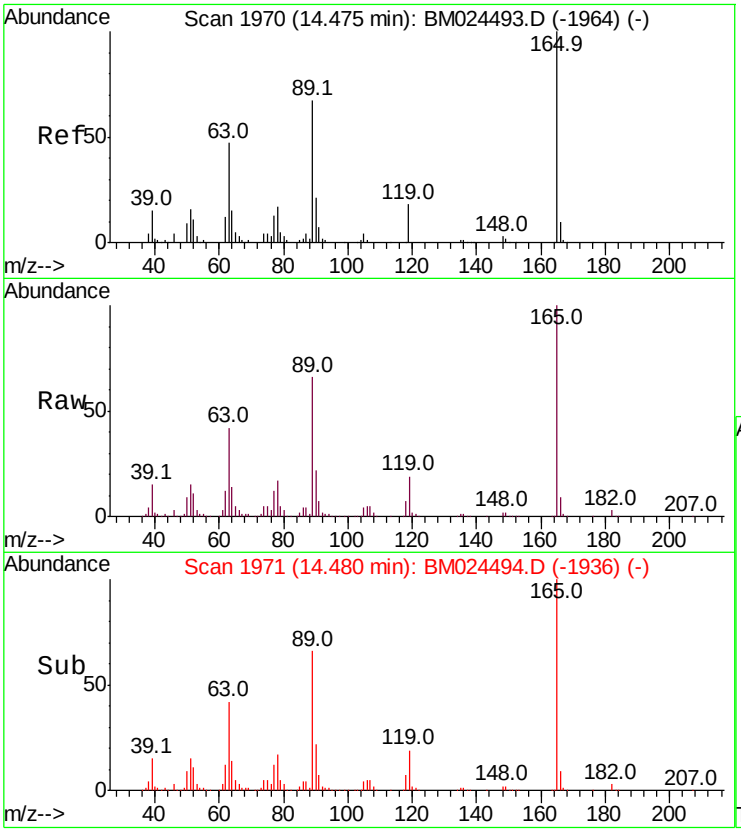


#50
Acenaphthene
Concen: 59.433 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:153 Resp: 2336099

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.2	55.8
154	88.2	70.6	106.0



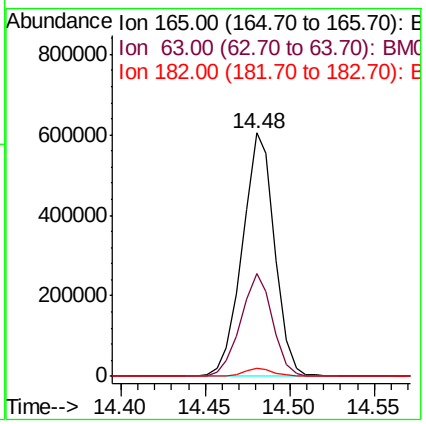


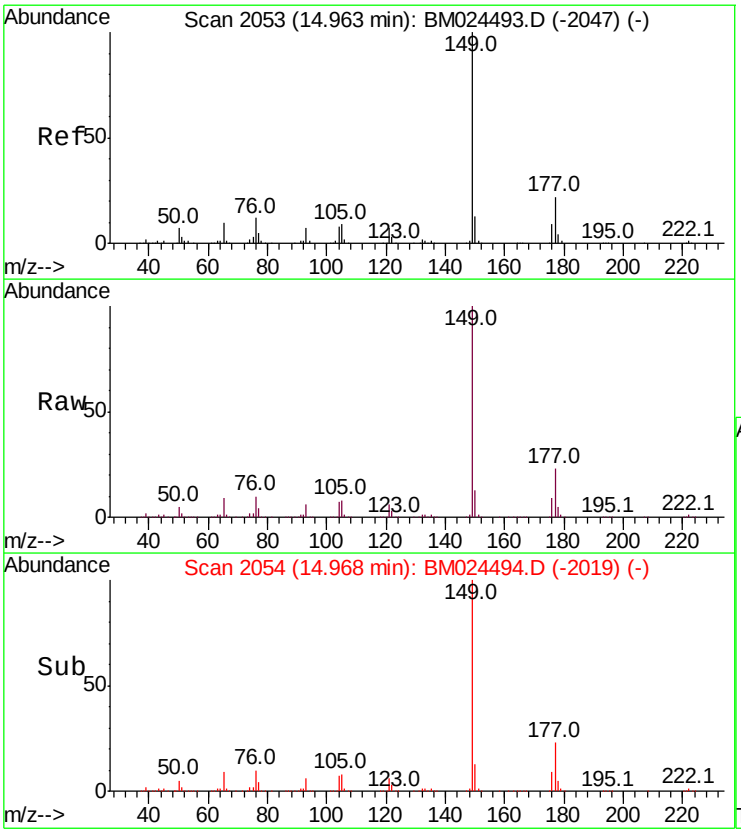
#55
2,4-Dinitrotoluene
Concen: 57.103 ng/ul
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:165 Resp: 806761

Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.4	51.6
182	3.1	2.2	3.2

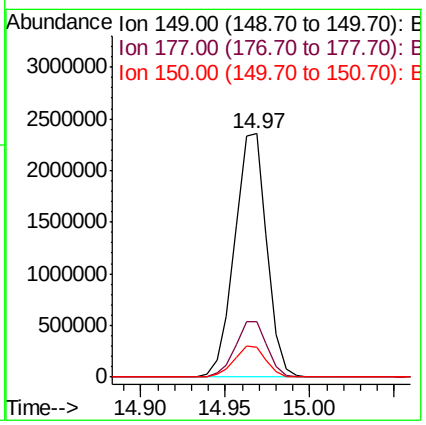


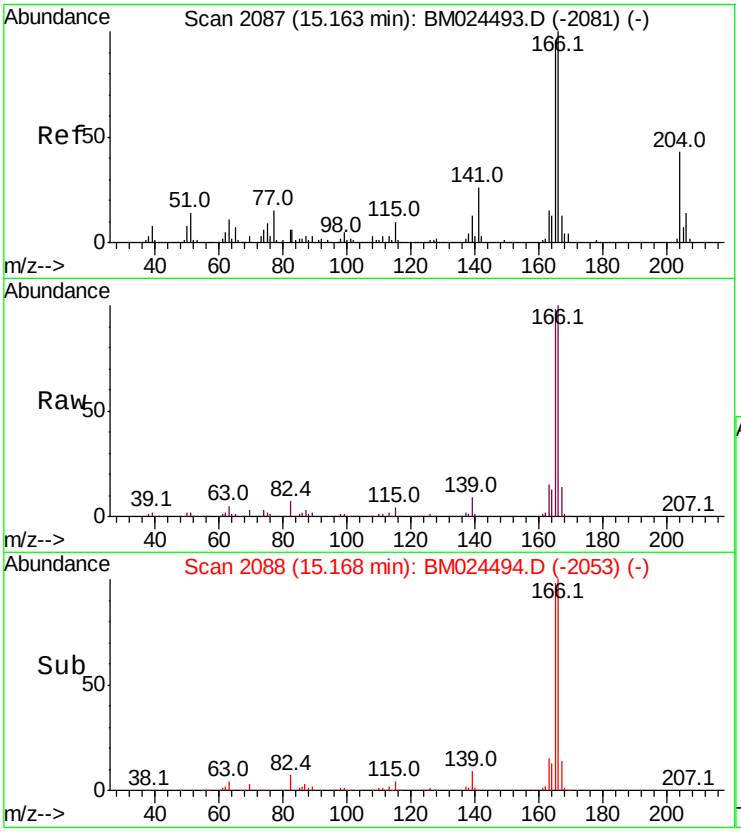


#57
Diethylphthalate
Concen: 60.463 ng/ul
RT: 14.97 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:149 Resp: 3117521

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.5	9.7	14.5



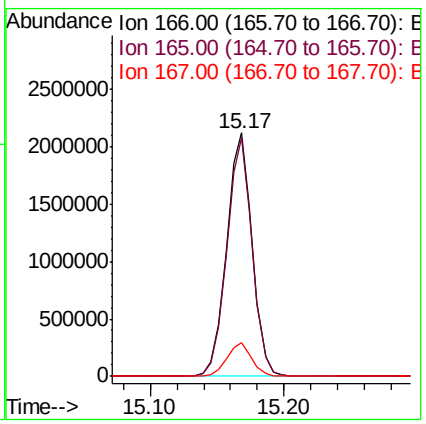


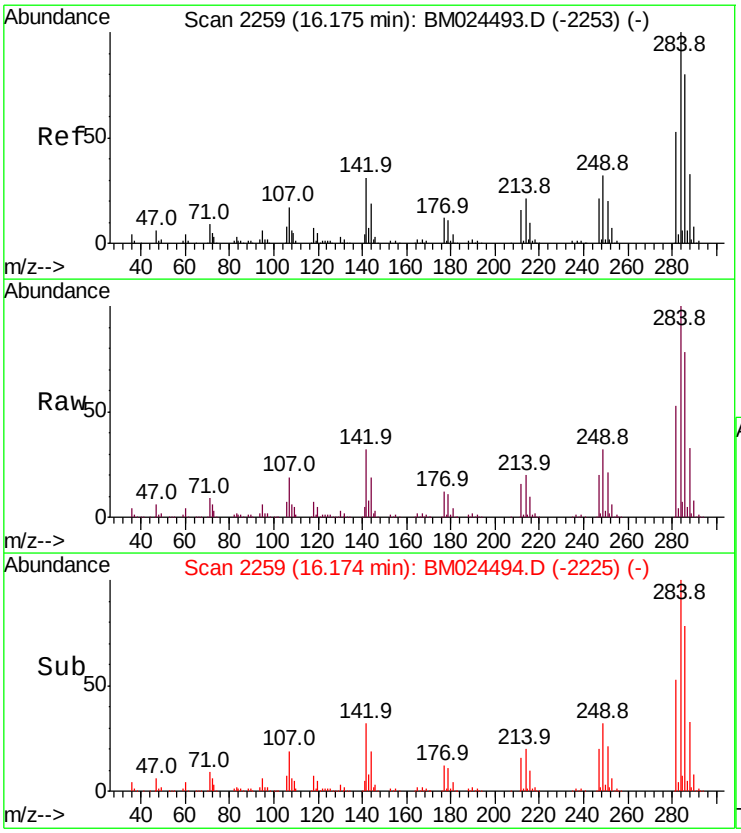
#59
Fluorene
Concen: 58.063 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:166 Resp: 2826843

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.6	119.4
167	13.6	10.8	16.2

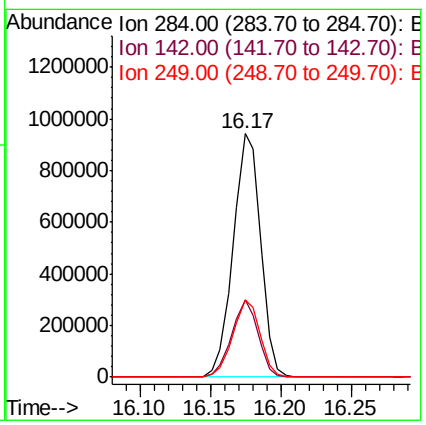


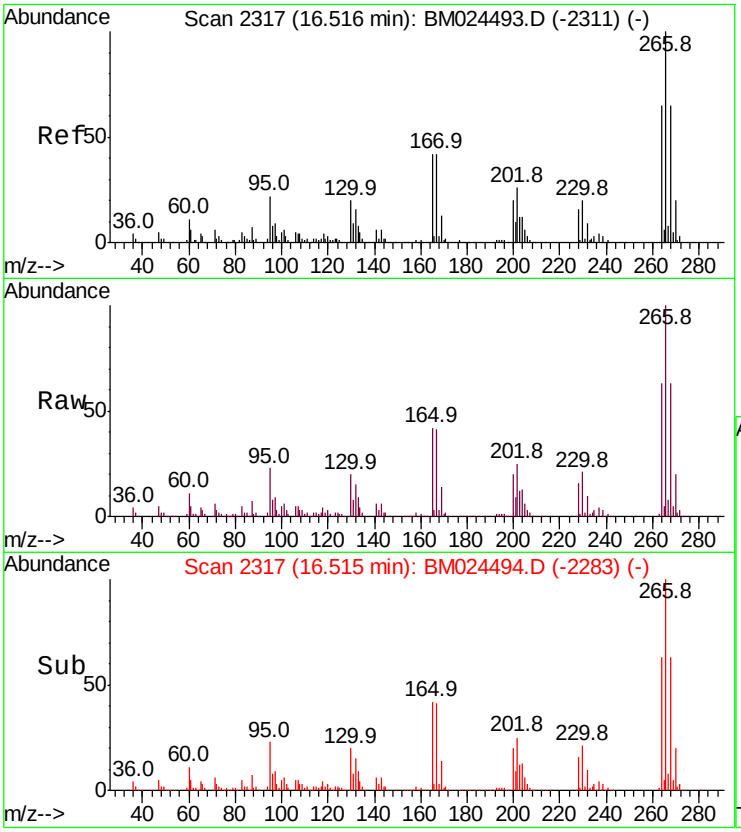


#67
Hexachlorobenzene
Concen: 63.365 ng/ul
RT: 16.17 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:284 Resp: 1277212

Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.5	39.7
249	31.8	26.2	39.4



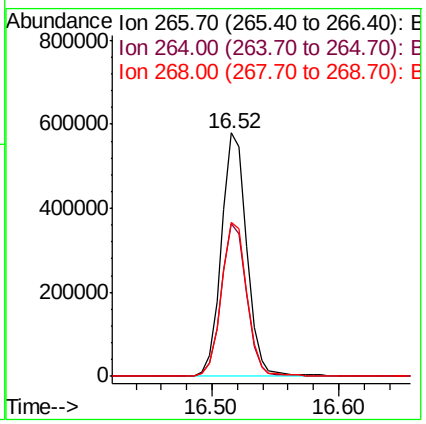


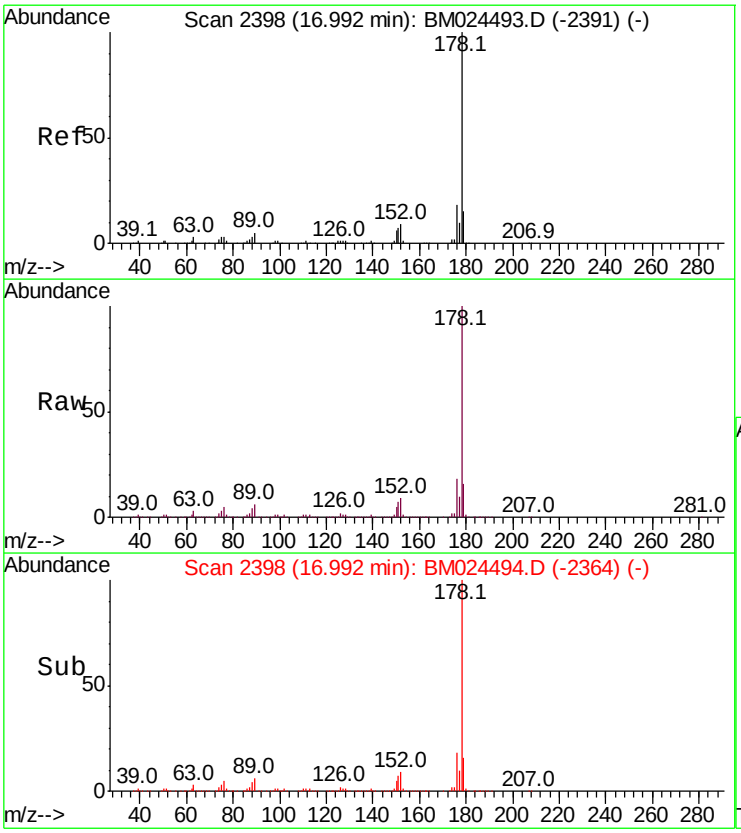
#69
Pentachlorophenol
Concen: 66.952 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:266 Resp: 803443

Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.6	72.8
268	63.2	50.6	76.0

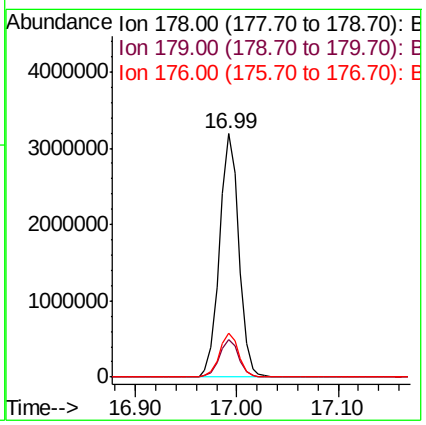


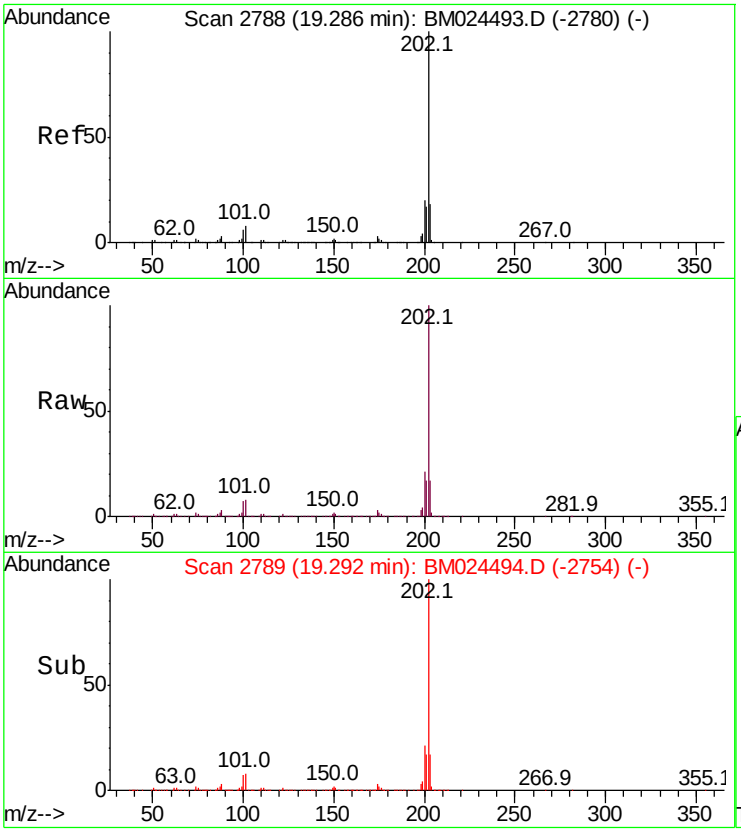


#72
Anthracene
Concen: 51.674 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:178 Resp: 4207309

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.2	14.6	22.0



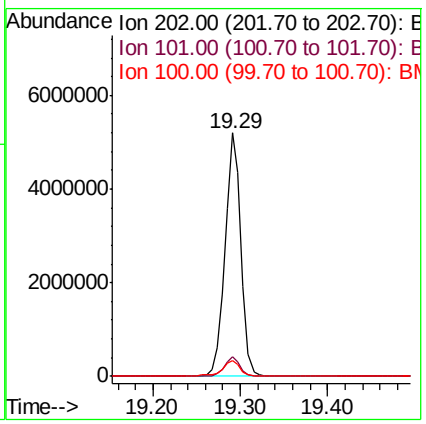


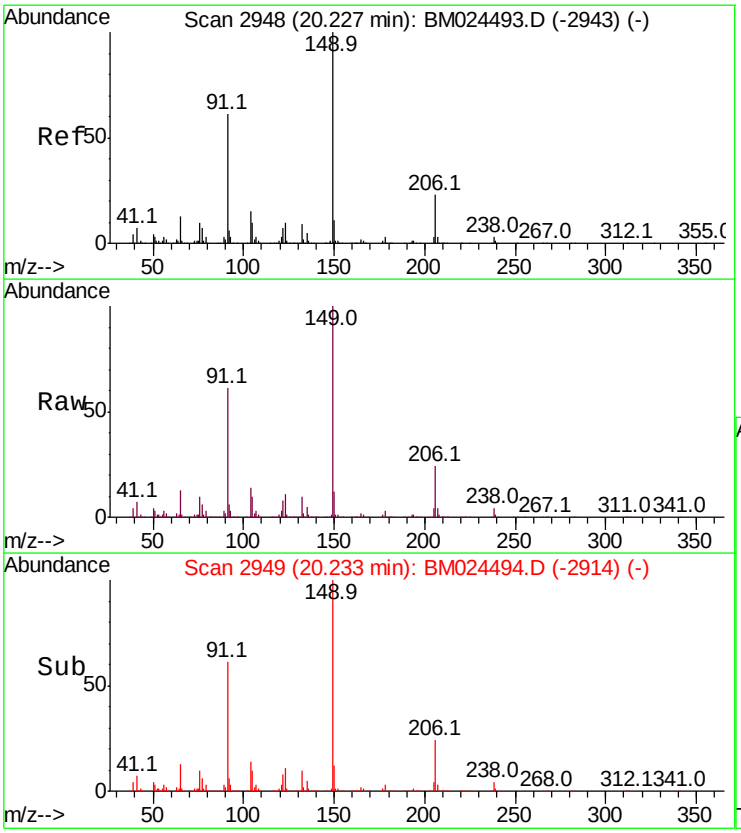
#80
Pyrene
Concen: 60.842 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:202 Resp: 6456683

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.5	9.7
100	6.6	5.0	7.6

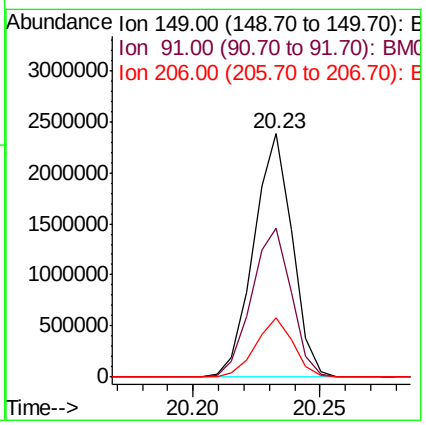


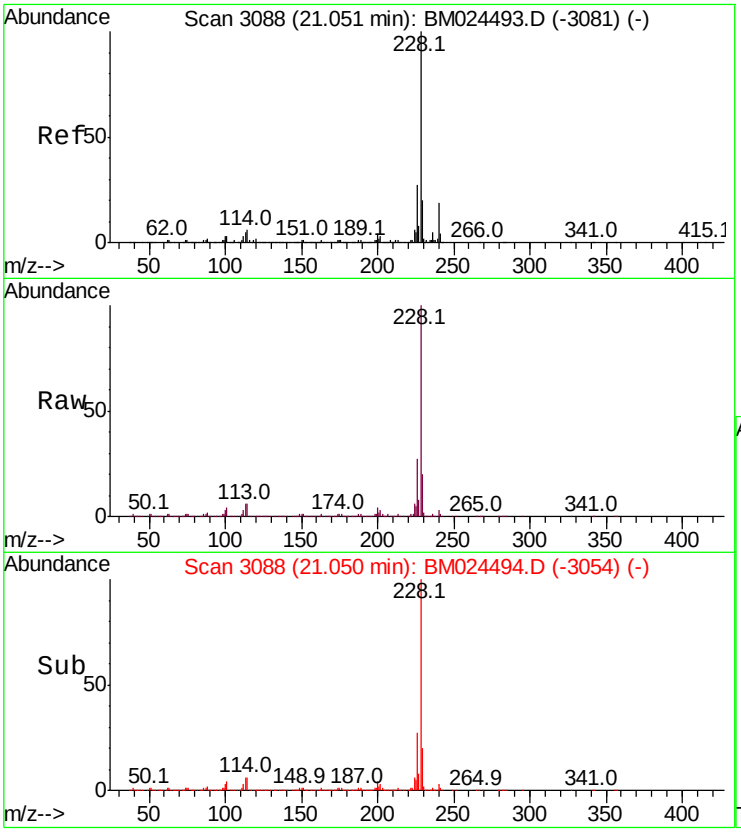


#81
Butylbenzylphthalate
Concen: 67.957 ng/ul
RT: 20.23 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:149 Resp: 2532749

Ion	Ratio	Lower	Upper
149	100		
91	61.0	50.6	75.8
206	24.3	19.0	28.6



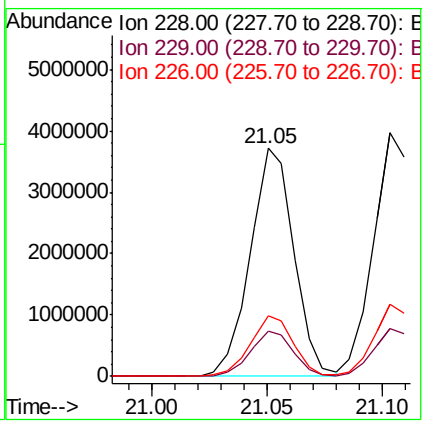


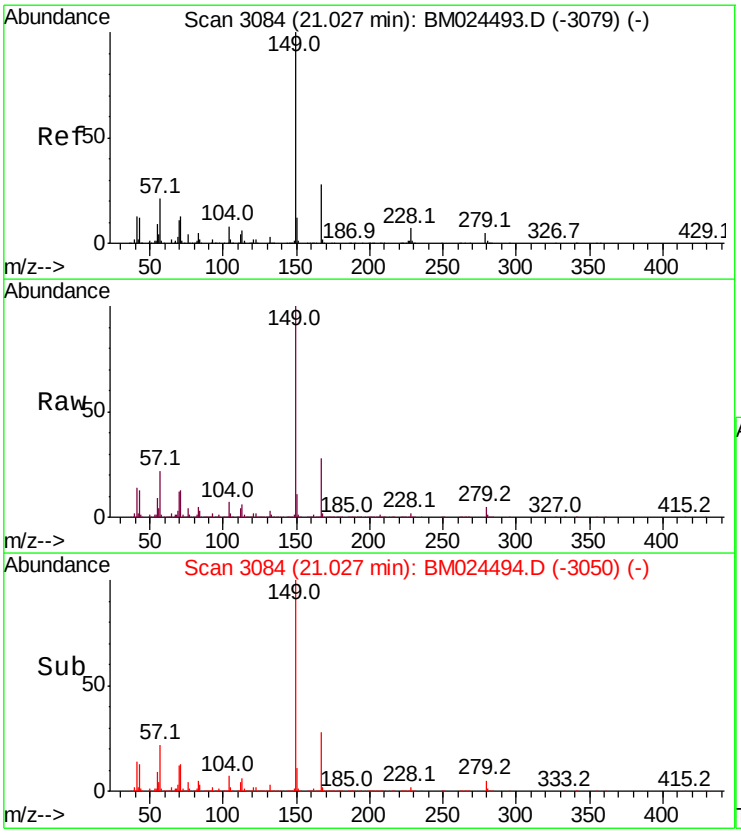
#83
Benzo(a)anthracene
Concen: 46.227 ng/ul
RT: 21.05 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:228 Resp: 4881622

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.7	21.1	31.7

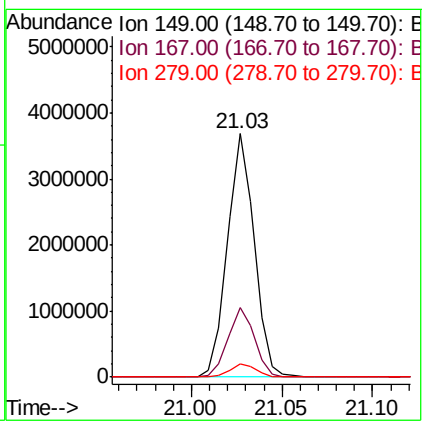


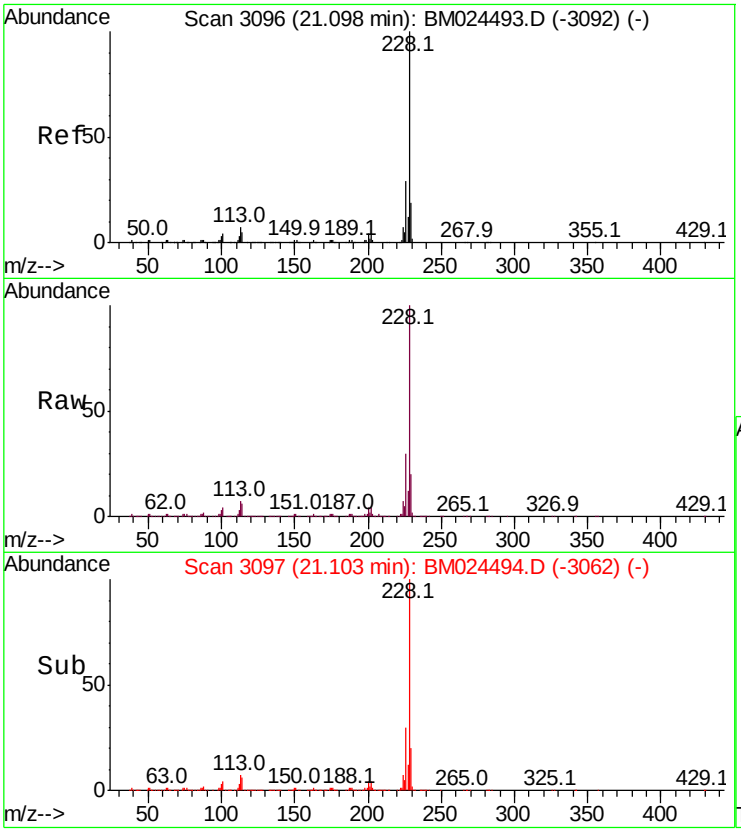


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.530 ng/ul
RT: 21.03 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:149 Resp: 3807234

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.3	33.5
279	5.2	4.1	6.1



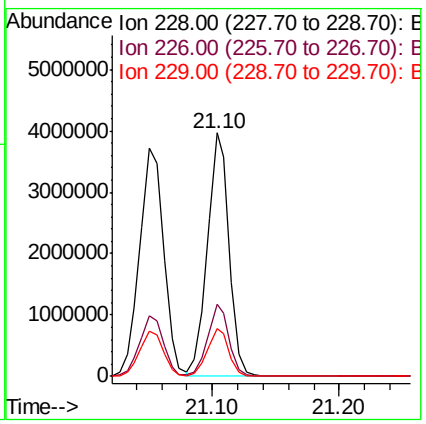


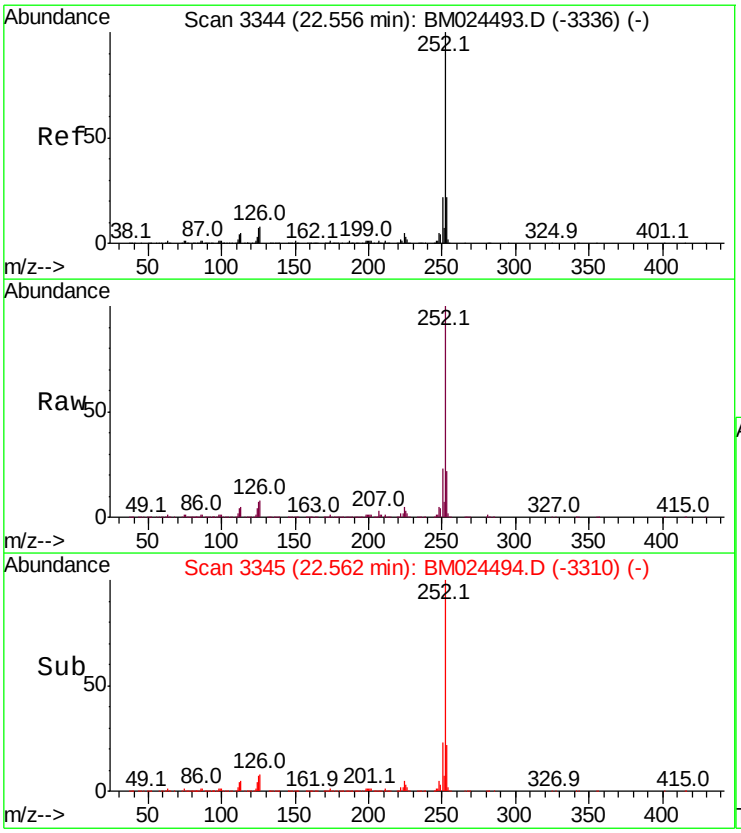
#85
Chrysene
Concen: 46.531 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:228 Resp: 4734880

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.7	16.1	24.1

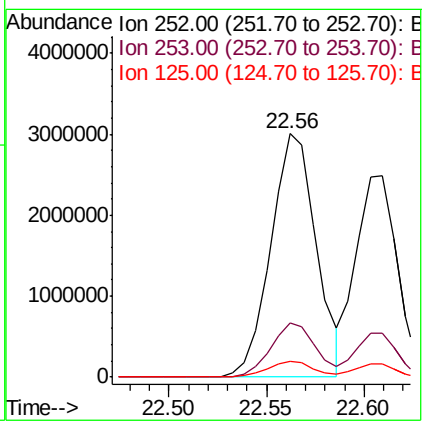


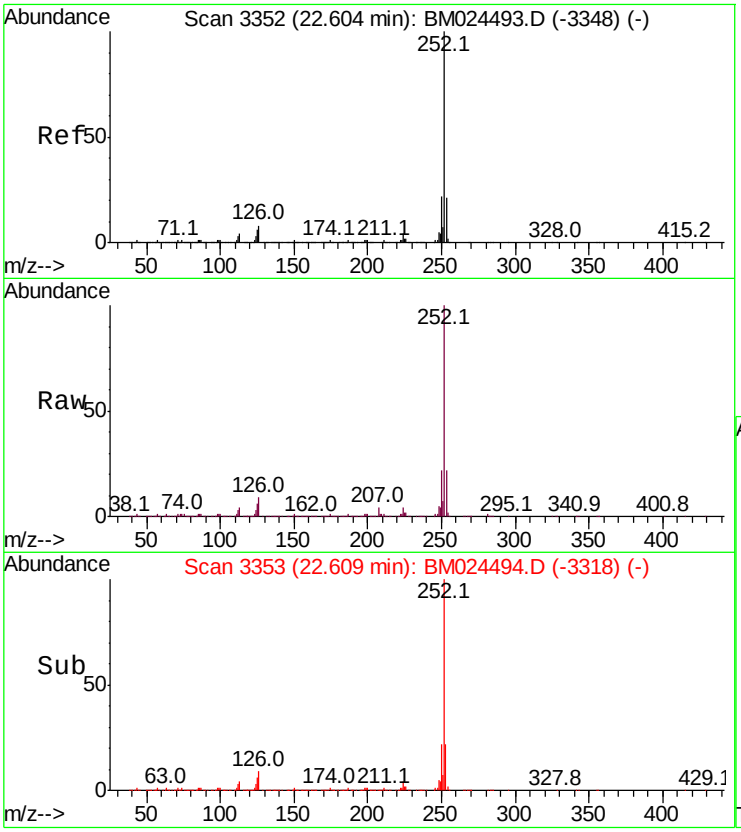


#88
Benzo(b)fluoranthene
Concen: 46.475 ng/ul
RT: 22.56 min Scan# 3345
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:252 Resp: 4859304

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	6.7	5.3	7.9



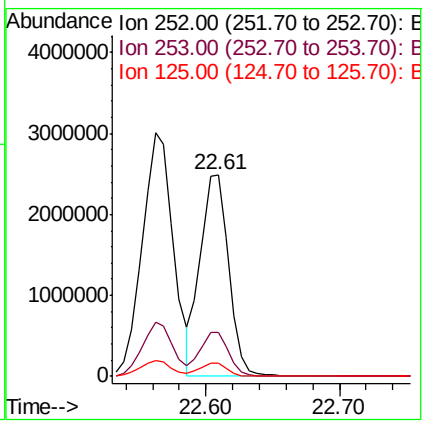


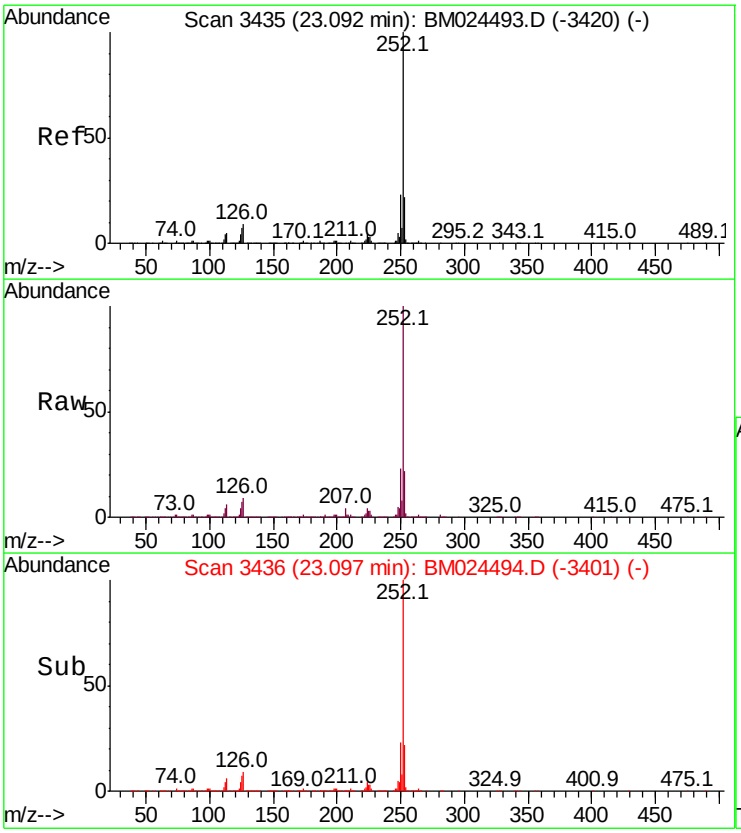
#89
Benzo(k)fluoranthene
Concen: 36.027 ng/ul
RT: 22.61 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:252 Resp: 3702049

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	6.2	5.2	7.8

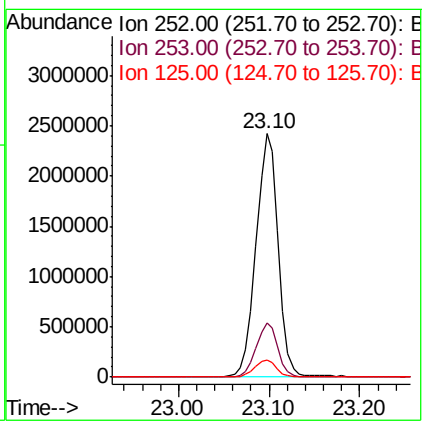


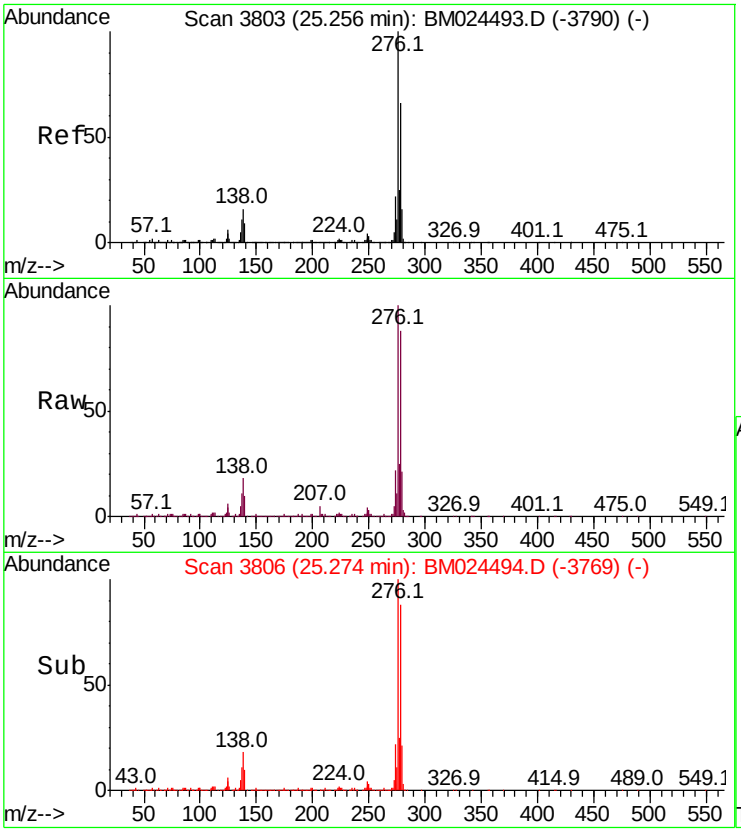


#91
Benzo(a)pyrene
Concen: 44.942 ng/ul
RT: 23.10 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:252 Resp: 4083509

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	7.0	5.7	8.5



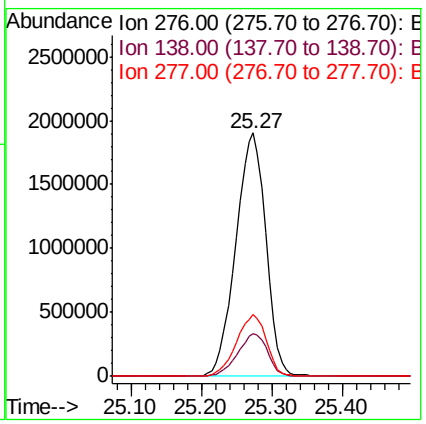


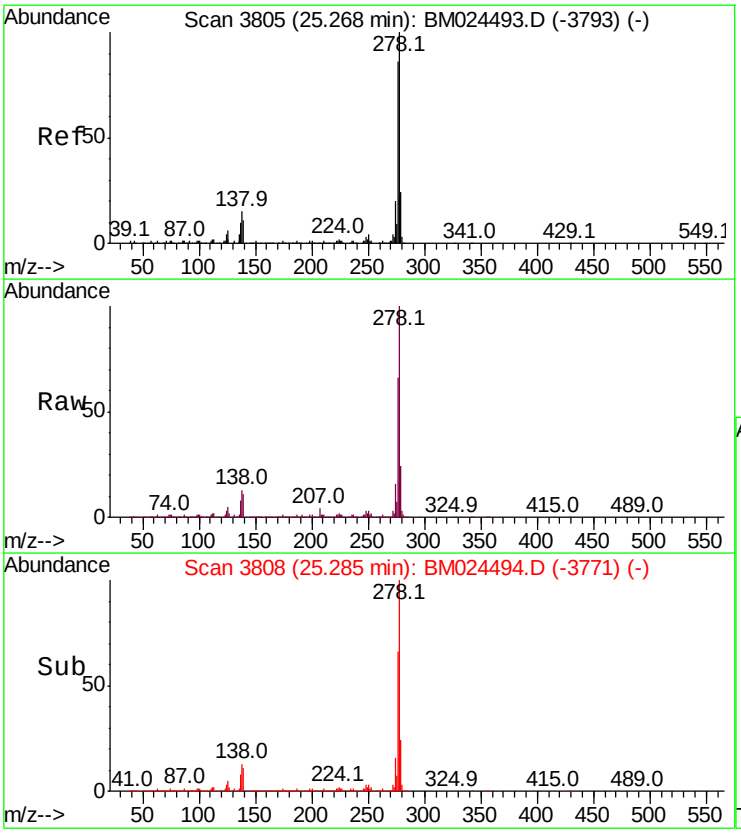
#92
Indeno(1,2,3-cd)pyrene
Concen: 59.303 ng/ul
RT: 25.27 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Instrument :
BNA_M
ClientSampleId :
X2L40

Tgt Ion:276 Resp: 5638073

Ion	Ratio	Lower	Upper
276	100		
138	17.5	12.5	18.7
277	25.2	19.0	28.6





#93
Dibenzo(a,h)anthracene
Concen: 65.707 ng/ul
RT: 25.29 min Scan# 3808
Delta R.T. 0.02 min
Lab File: BM024494.D
Acq: 17 Jan 2020 13:14

Tgt Ion:278 Resp: 5301719

Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.7	13.1
279	23.5	18.6	27.8