Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\

Quantitation Report (Not Reviewed)

Data File : BM024541.D
Acq On : 18 Jan 2020 18:22
Operator : JU
Sample : L1109-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG2MS

Quant Time: Jan 20 03:30:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	214249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	964716	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	671422	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1464812	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1544453	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1643170	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11245	2.56	ng/uL	0.00
5) Phenol-d5	6.65	99	273445	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	162457	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	253882	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	231125	15.78	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	135216	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	161280	21.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	293902	17.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	288543	15.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1077690	20.48	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1192705	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	193835	22.08	ng/ul	0.00
58) Fluorene-d10	15.10	176	926708	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	154213	18.44	ng/ul	0.00
71) Anthracene-d10	16.96	188	1494965	21.95	ng/ul	0.00
79) Pyrene-d10	19.26	212	1769121	21.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1869132	21.93	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.67	94	331382	20.535	ng/ul	93
10) 2-Chlorophenol	7.03	128	273976	20.184	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	227770	20.960	ng/ul	94
33) 4-Chloro-3-methylphenol	11.52	107	347265	20.842	ng/ul	97
45) Dimethylphthalate	13.57	163	276348	5.167	ng/ul	99
48) Acenaphthylene	13.82	152	172438	2.788	ng/ul	97
50) Acenaphthene	14.17	153	859271	20.527	ng/ul	99
53) 4-Nitrophenol	14.33	109	194101	23.773	ng/ul	96
54) Dibenzofuran	14.51	168	103264	1.684	ng/ul	98
55) 2,4-Dinitrotoluene	14.48	165	369079	24.530	ng/ul	94
59) Fluorene	15.16	166	116546	2.248	ng/ul	97
68) Atrazine	16.52	200	45239	2.642	ng/ul#	36
69) Pentachlorophenol	16.52	266	262065	22.072	ng/ul	99
70) Phenanthrene	16.90	178	1295381	16.398	ng/ul	100
72) Anthracene	16.99	178	356293	4.423	ng/ul	98
77) Fluoranthene	18.93	202	1409376	14.597	ng/ul	100
80) Pyrene	19.29	202	3735982	35.335	ng/ul	99
83) Benzo(a)anthracene	21.10	228	709760	6.746	ng/ul	95
85) Chrysene	21.10	228	716032	7.063	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	691769	6.370	ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	691769	6.481	ng/ul	97
91) Benzo(a)pyrene	23.10	252	543991	5.764	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	281346	2.849	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\

Quantitation Report (Not Reviewed)

Data File : BM024541.D
Acq On : 18 Jan 2020 18:22
Operator : JU
Sample : L1109-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG2MS

Quant Time: Jan 20 03:30:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.26	278	92143	1.099	ng/ul#	95
94) Benzo(g,h,i)perylene	25.89	276	197764	2.520	ng/ul	99

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

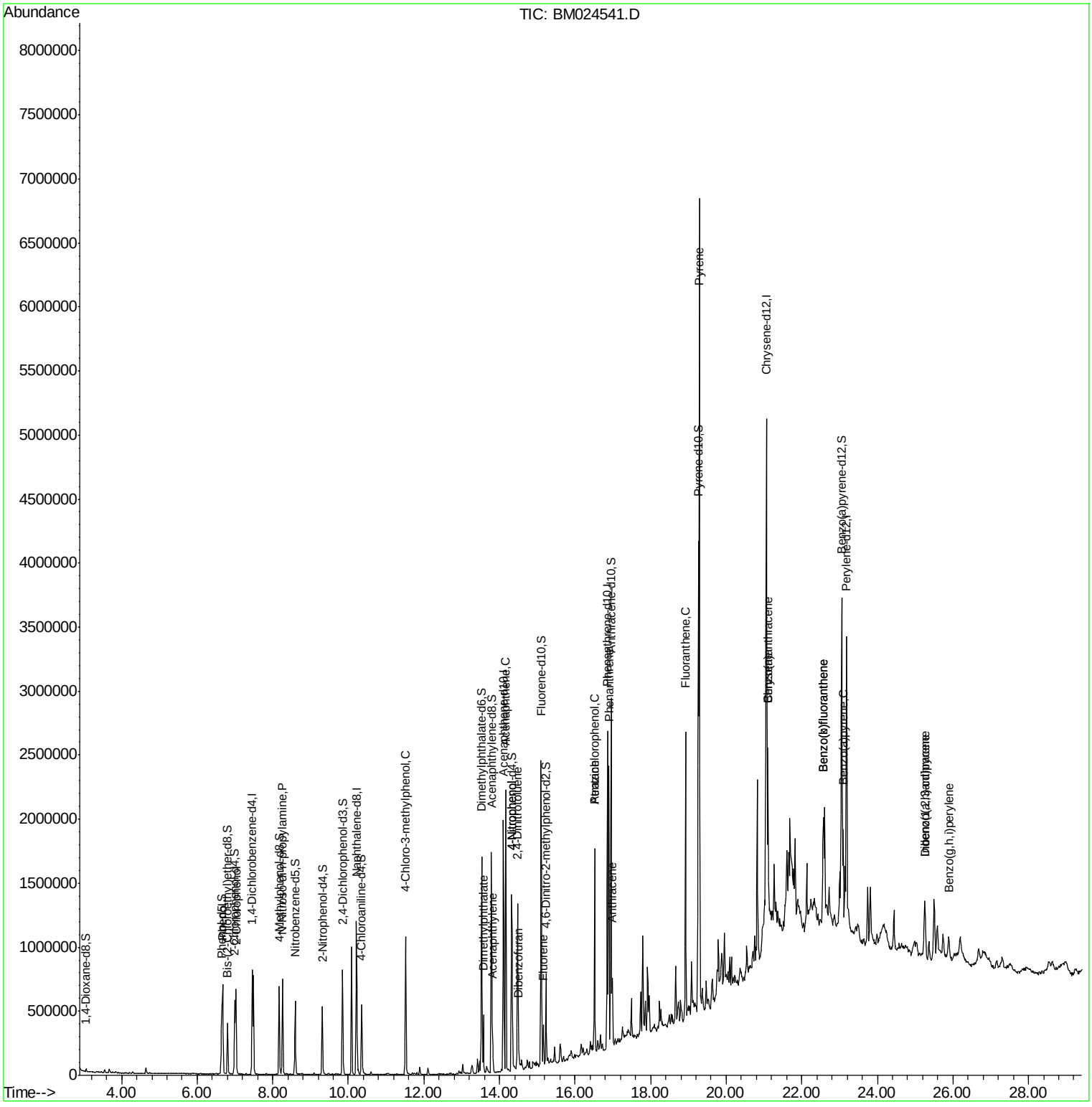
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011720\

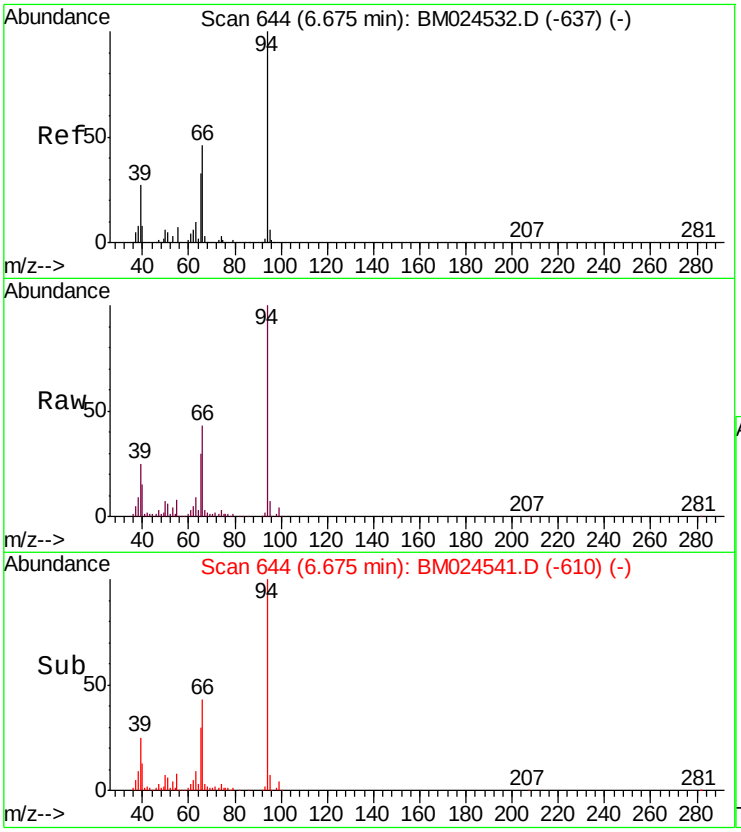
Quantitation Report (Not Reviewed)

Data File : BM024541.D
Acq On : 18 Jan 2020 18:22
Operator : JU
Sample : L1109-02MS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Quant Time: Jan 20 03:30:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration



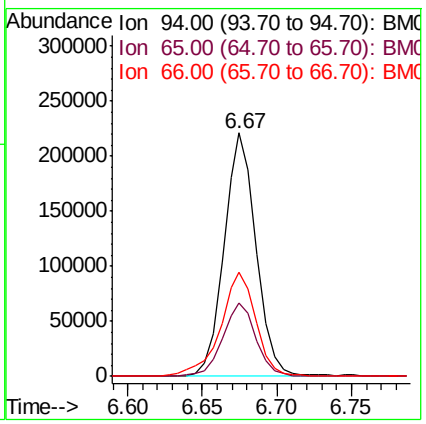


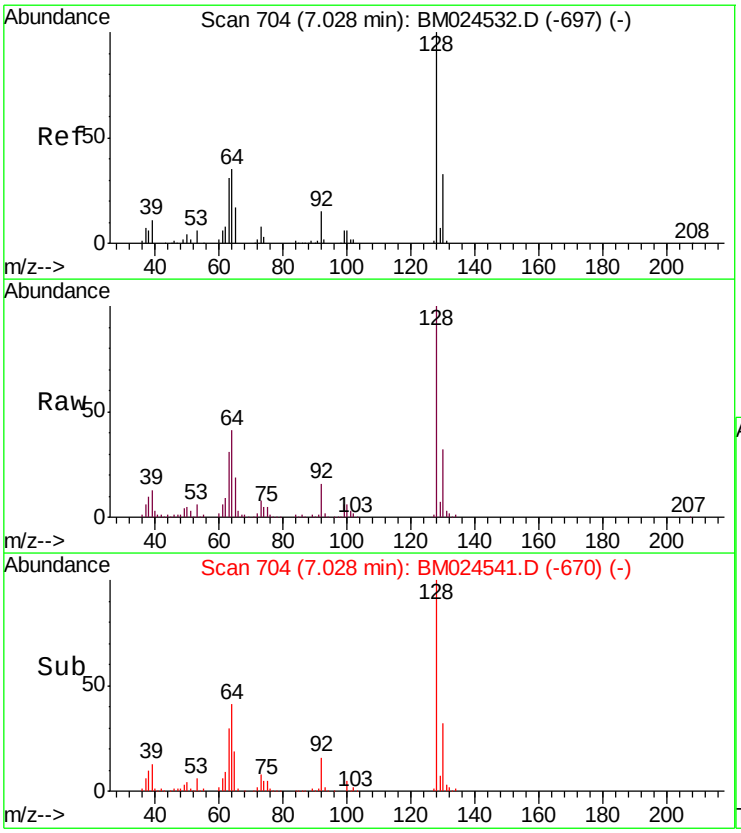
#6
Phenol
Concen: 20.535 ng/ul
RT: 6.67 min Scan# 644
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion: 94 Resp: 331382

Ion	Ratio	Lower	Upper
94	100		
65	30.3	26.7	40.1
66	42.7	38.1	57.1

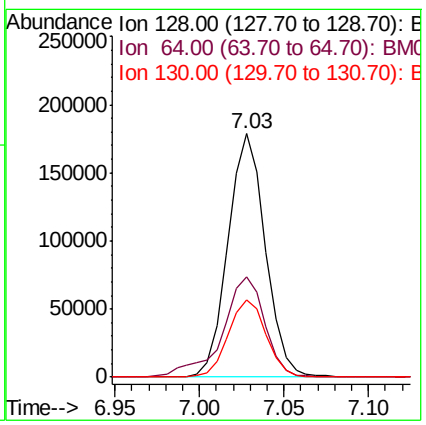


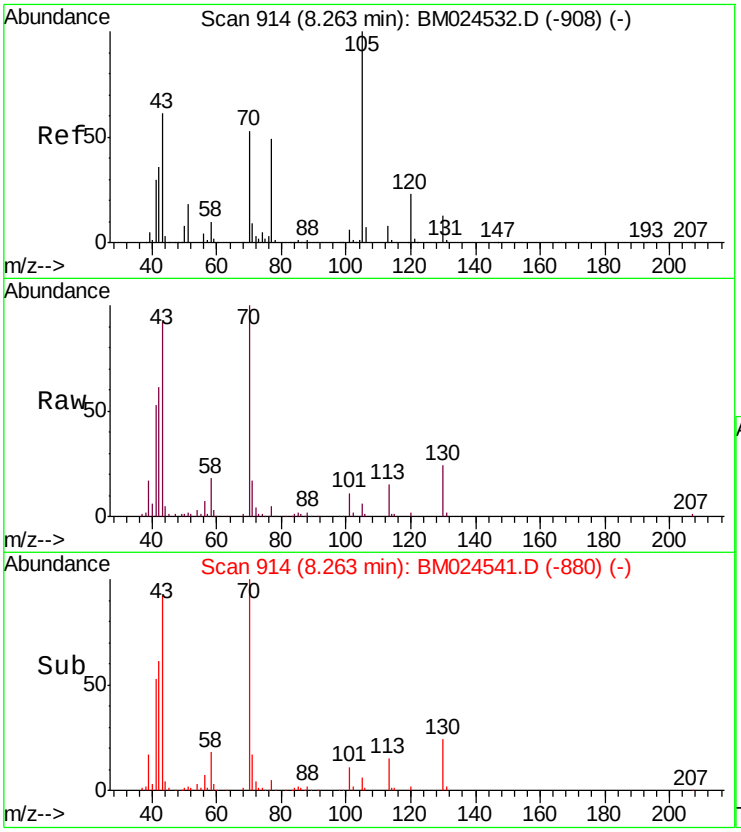


#10
2-Chlorophenol
Concen: 20.184 ng/ul
RT: 7.03 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:128 Resp: 273976

Ion	Ratio	Lower	Upper
128	100		
64	41.1	34.0	51.0
130	31.7	25.4	38.2



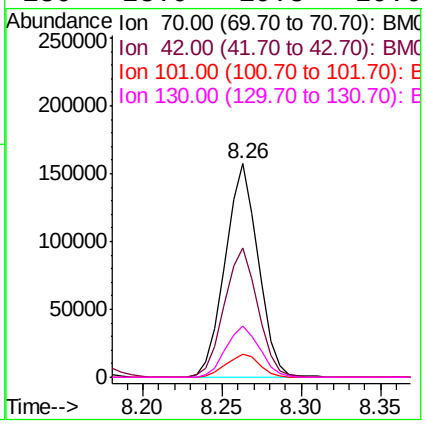


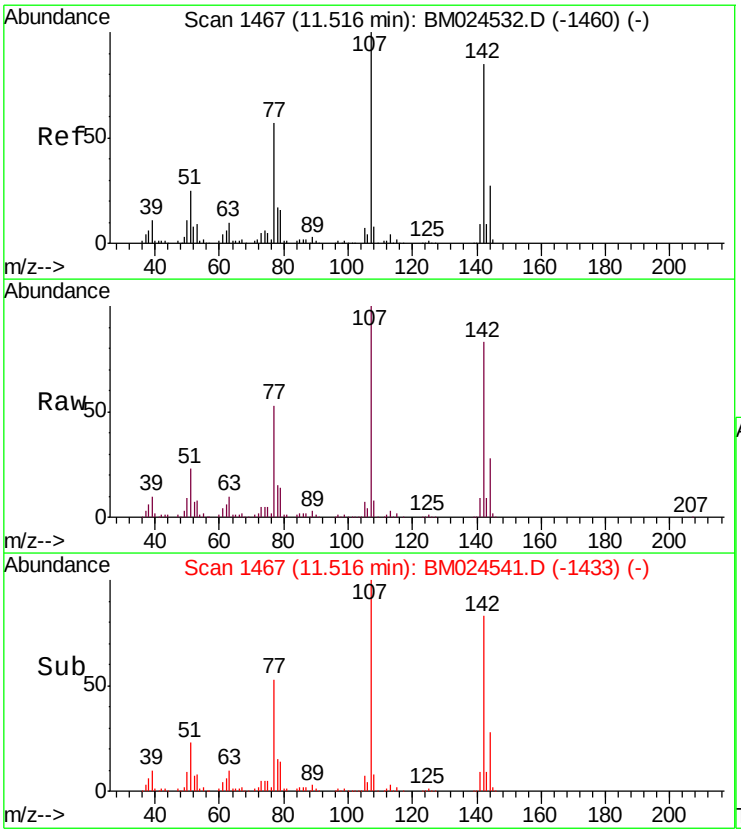
#15
N-Nitroso-di-n-propylamine
Concen: 20.960 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion: 70 Resp: 227770

Ion	Ratio	Lower	Upper
70	100		
42	60.8	54.1	81.1
101	10.7	8.6	12.8
130	23.9	19.8	29.6

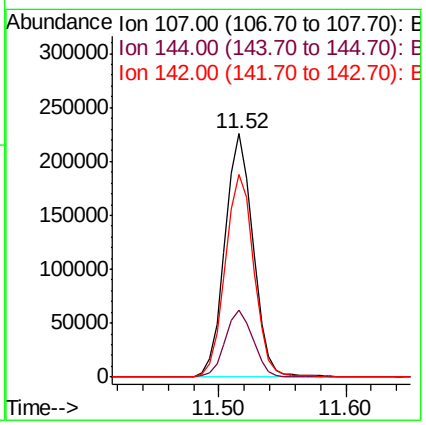


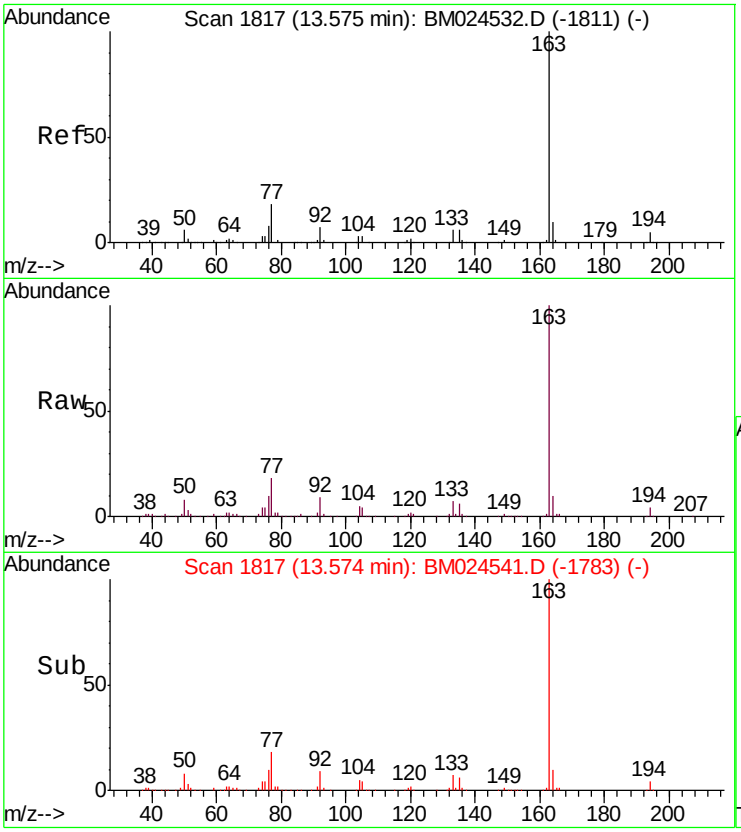


#33
4-Chloro-3-methylphenol
Concen: 20.842 ng/ul
RT: 11.52 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:107 Resp: 347265

Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.3	31.9
142	83.0	68.7	103.1



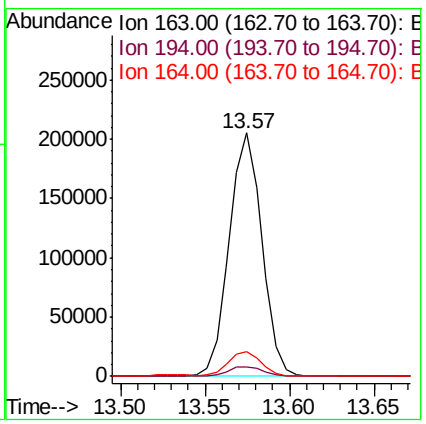


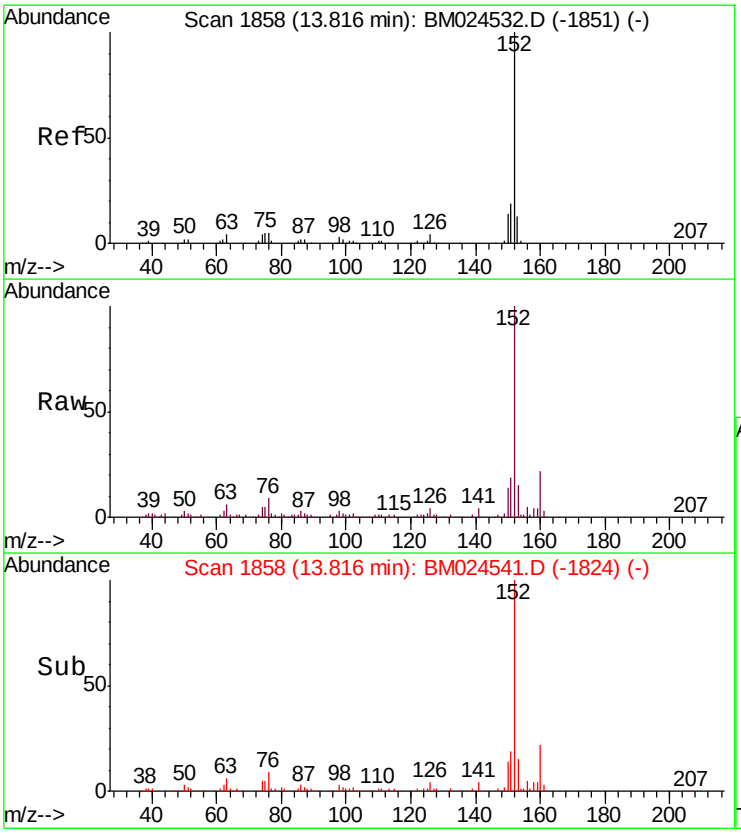
#45
Dimethylphthalate
Concen: 5.167 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:163 Resp: 276348

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.3	8.0	12.0

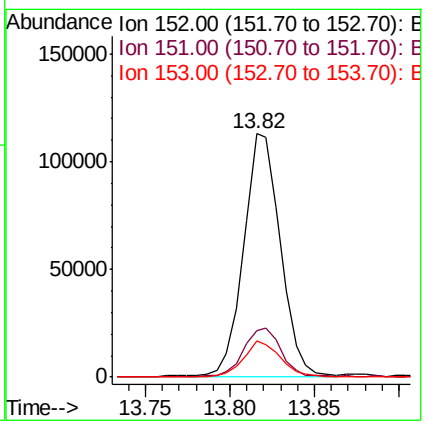


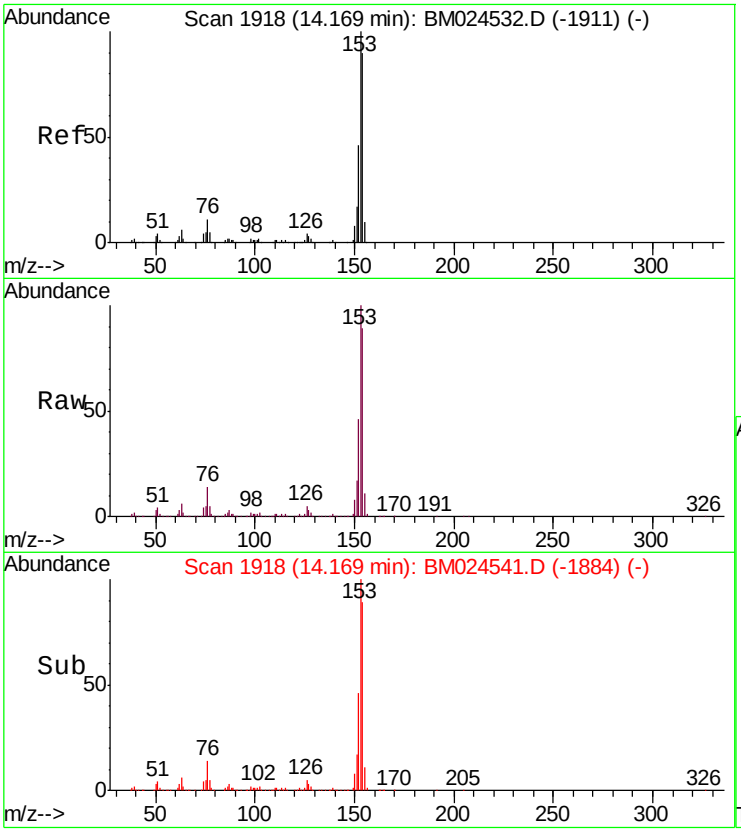


#48
Acenaphthylene
Concen: 2.788 ng/ul
RT: 13.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:152 Resp: 172438

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	14.7	10.3	15.5



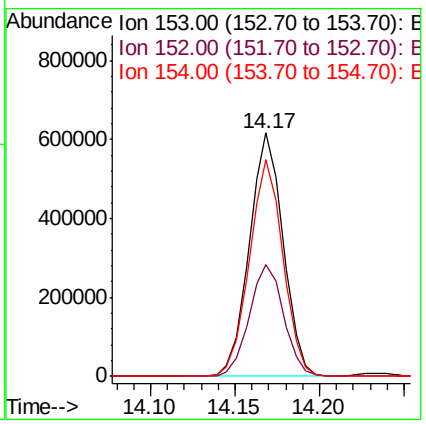


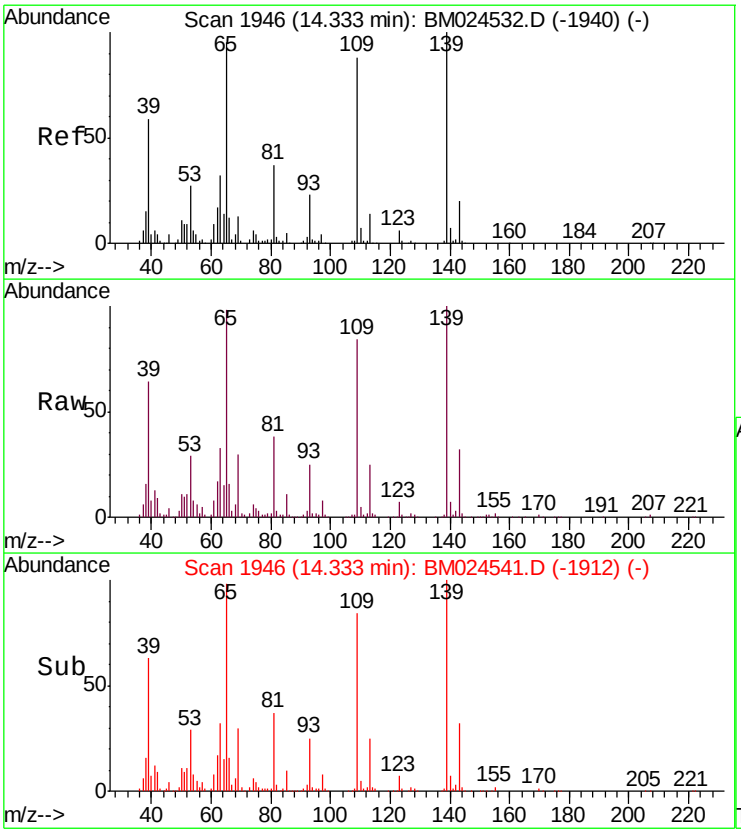
#50
Acenaphthene
Concen: 20.527 ng/ul
RT: 14.17 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:153 Resp: 859271

Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.2	55.8
154	89.2	70.6	106.0

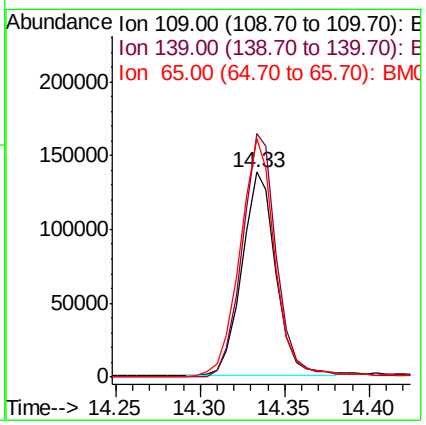


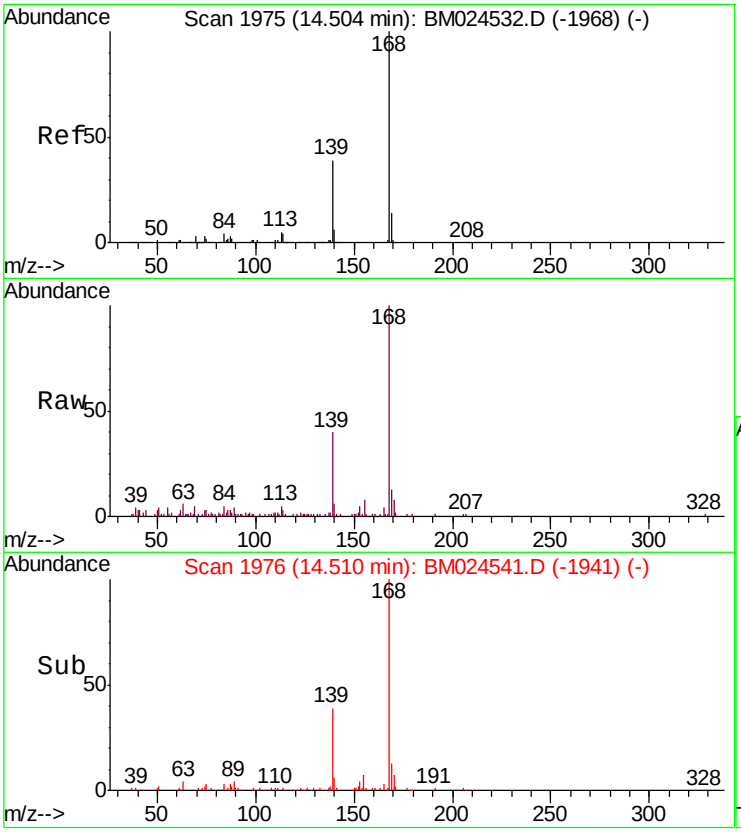


#53
4-Nitrophenol
Concen: 23.773 ng/ul
RT: 14.33 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:109 Resp: 194101

Ion	Ratio	Lower	Upper
109	100		
139	118.7	88.6	133.0
65	116.0	91.8	137.8



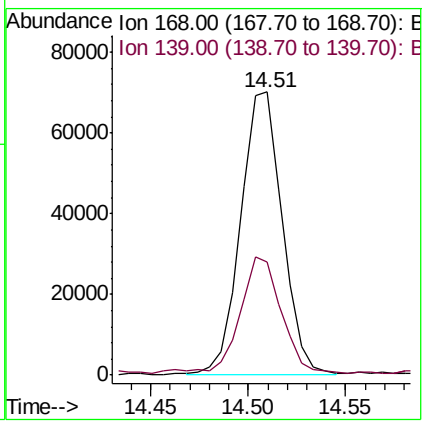


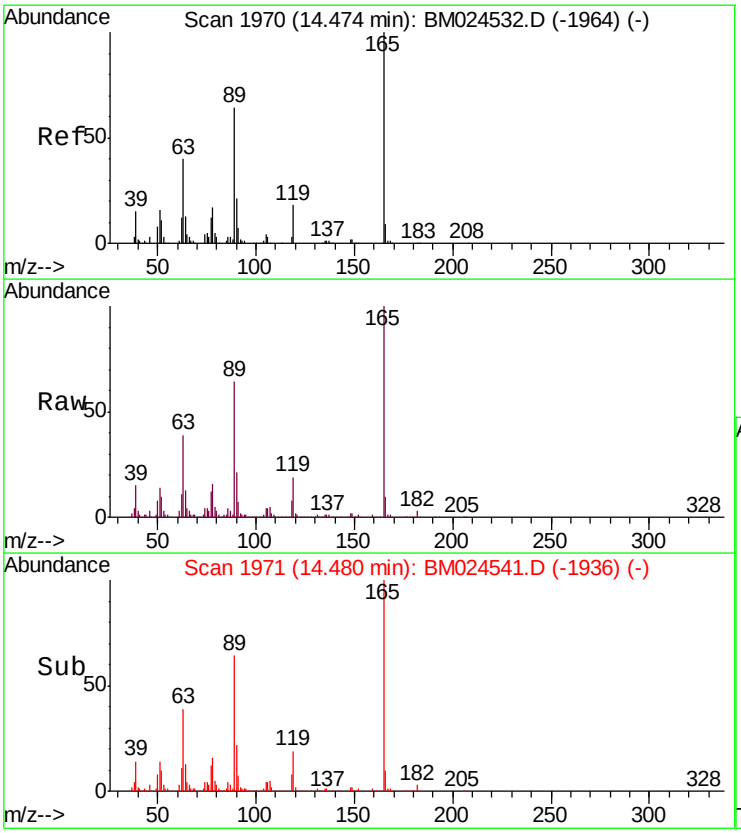
#54
Dibenzofuran
Concen: 1.684 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:168 Resp: 103264

Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.7	46.1

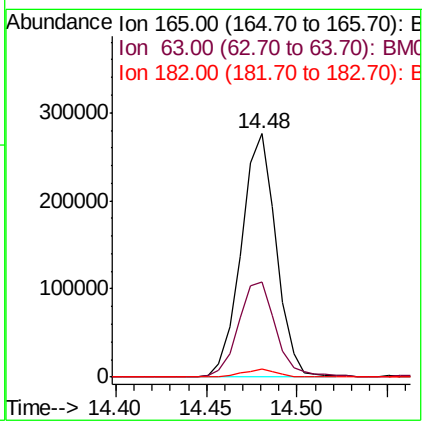


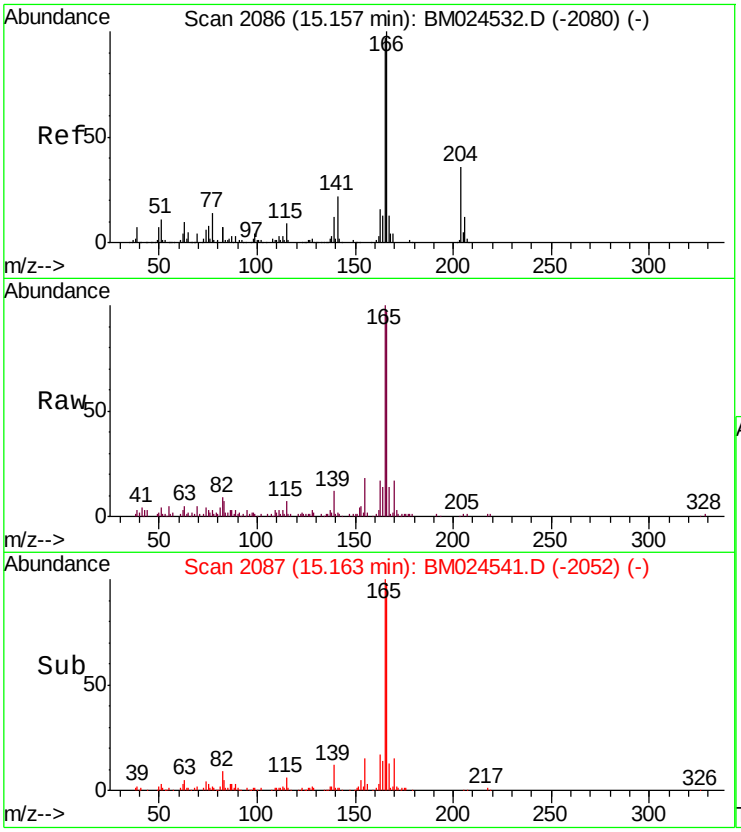


#55
2,4-Dinitrotoluene
Concen: 24.530 ng/ul
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:165 Resp: 369079

Ion	Ratio	Lower	Upper
165	100		
63	38.9	34.4	51.6
182	3.1	2.2	3.2



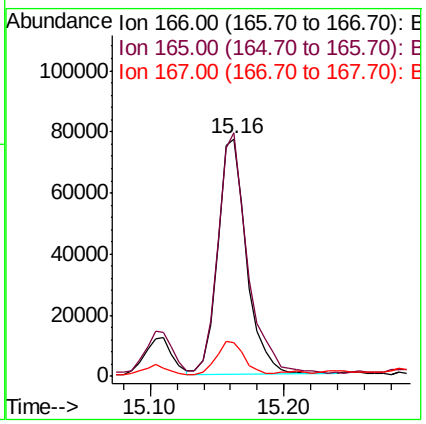


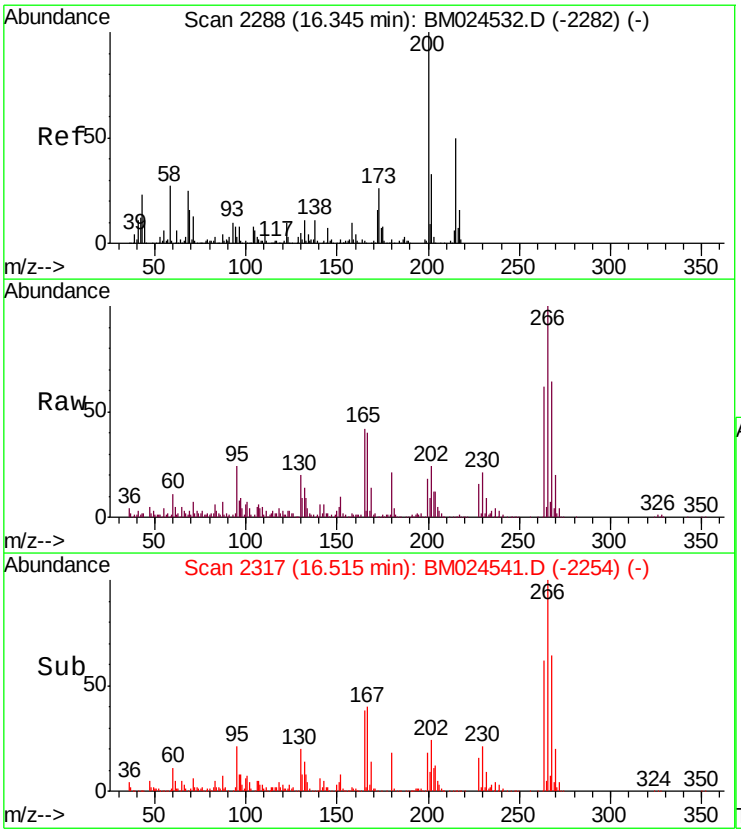
#59
Fluorene
Concen: 2.248 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:166 Resp: 116546

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.6	119.4
167	14.4	10.8	16.2

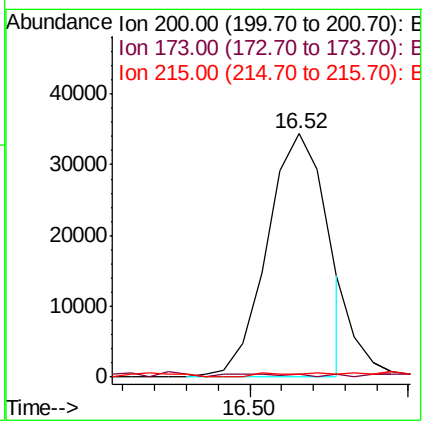


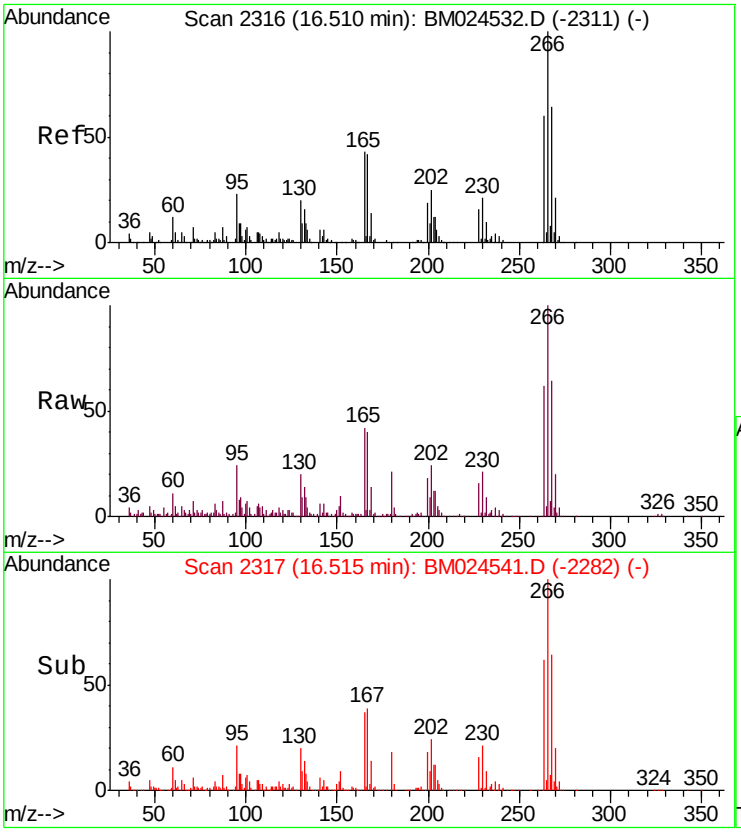


#68
Atrazine
Concen: 2.642 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. 0.17 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:200 Resp: 45239

Ion	Ratio	Lower	Upper
200	100		
173	1.1	20.7	31.1#
215	1.3	40.6	60.8#



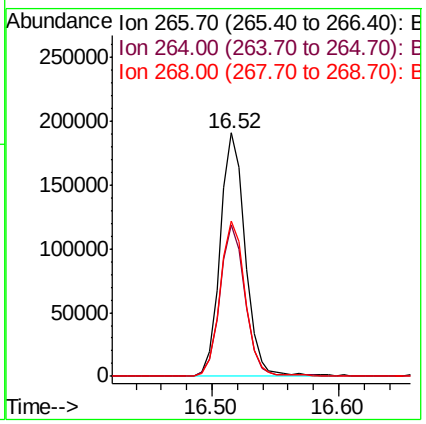


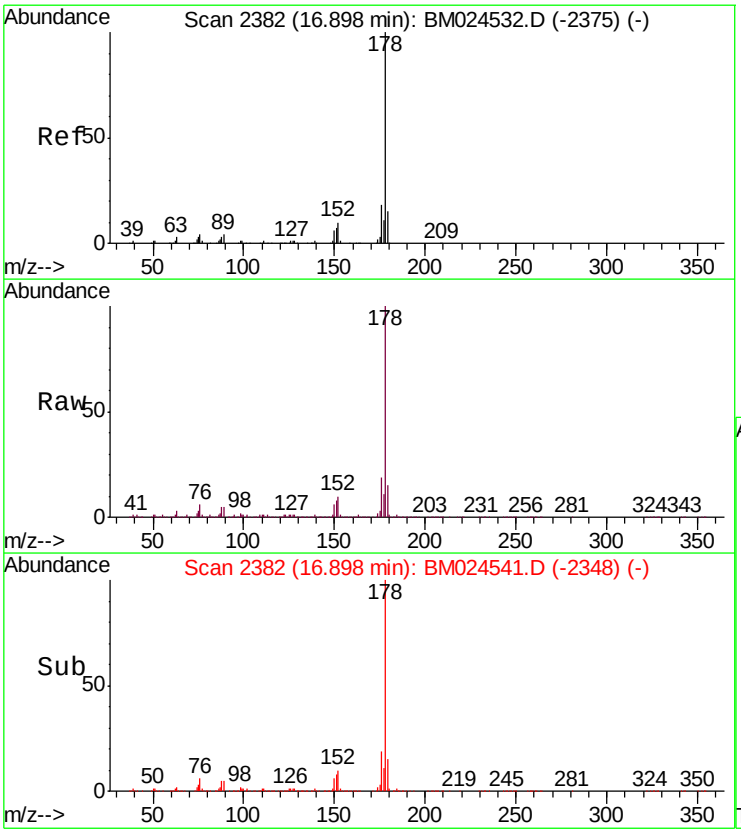
#69
Pentachlorophenol
Concen: 22.072 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:266 Resp: 262065

Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.6	72.8
268	63.6	50.6	76.0

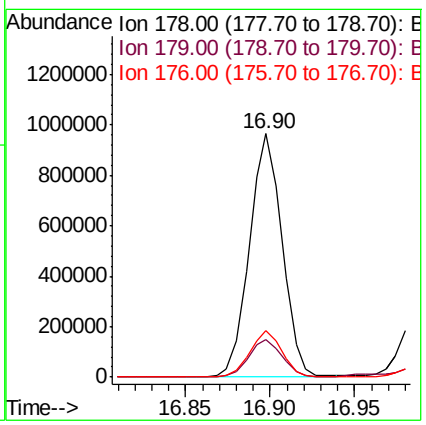


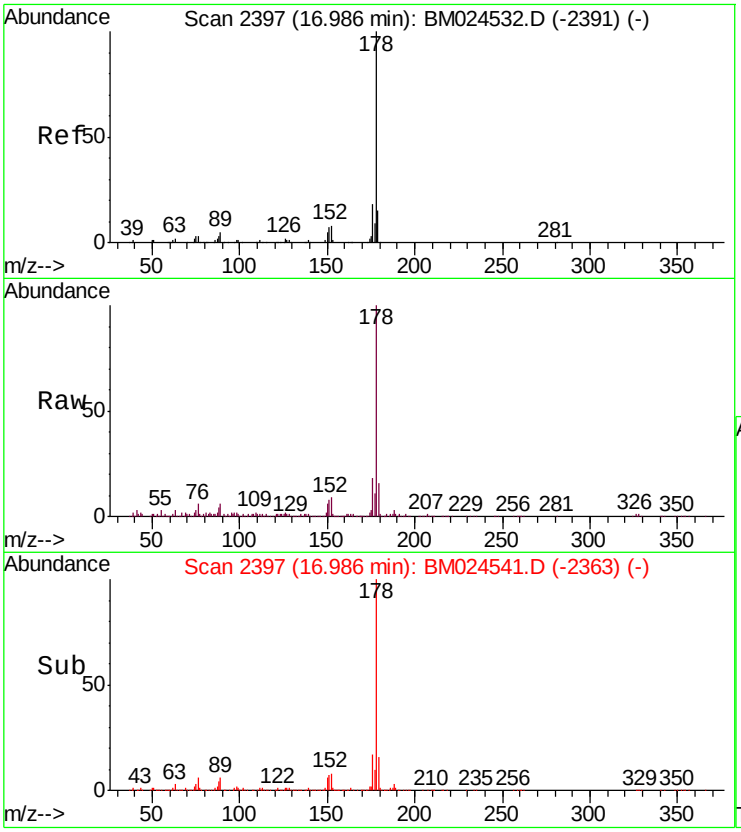


#70
Phenanthrene
Concen: 16.398 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:178 Resp: 1295381

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.9	14.9	22.3



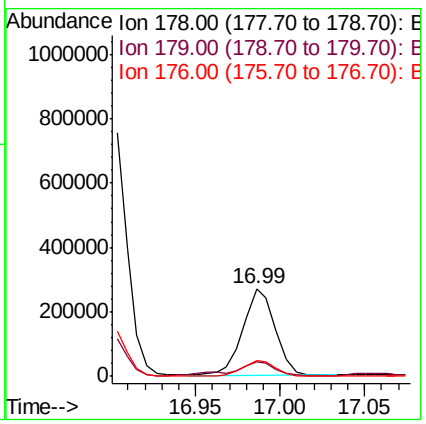


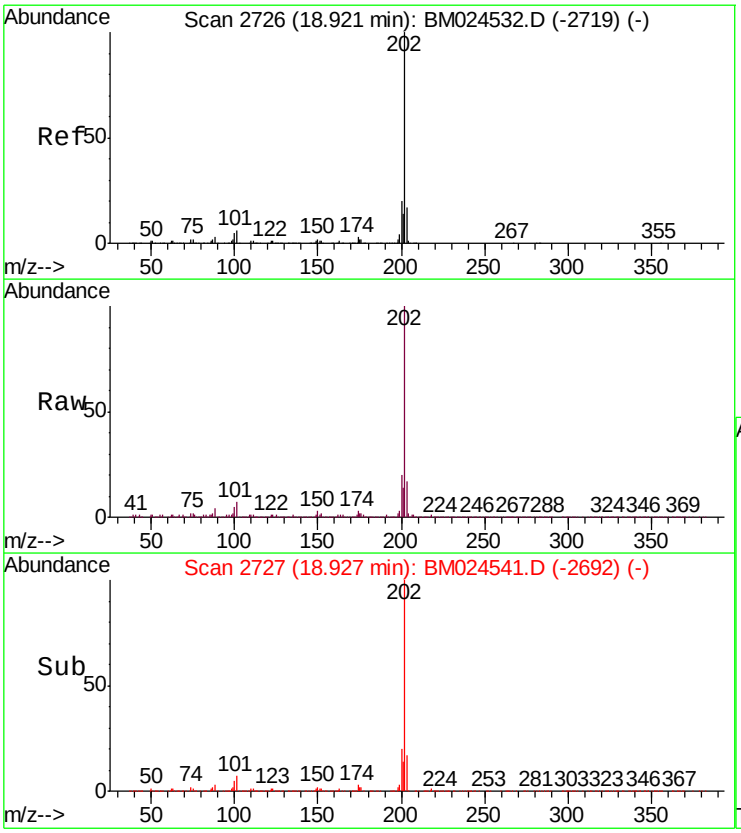
#72
Anthracene
Concen: 4.423 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:178 Resp: 356293

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	17.7	14.6	22.0

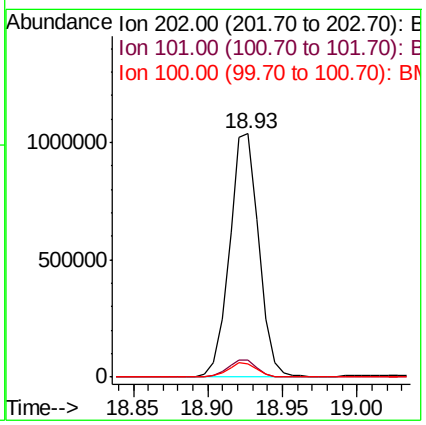


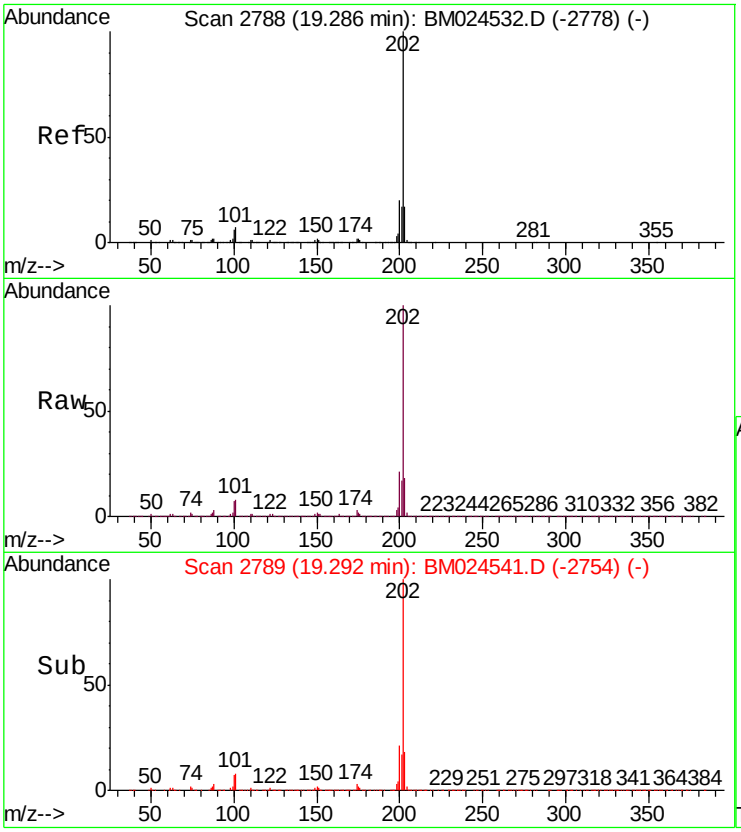


#77
Fluoranthene
Concen: 14.597 ng/ul
RT: 18.93 min Scan# 2727
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:202 Resp: 1409376

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.2
100	5.5	4.3	6.5



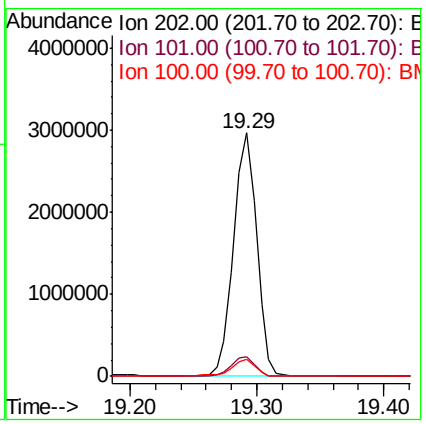


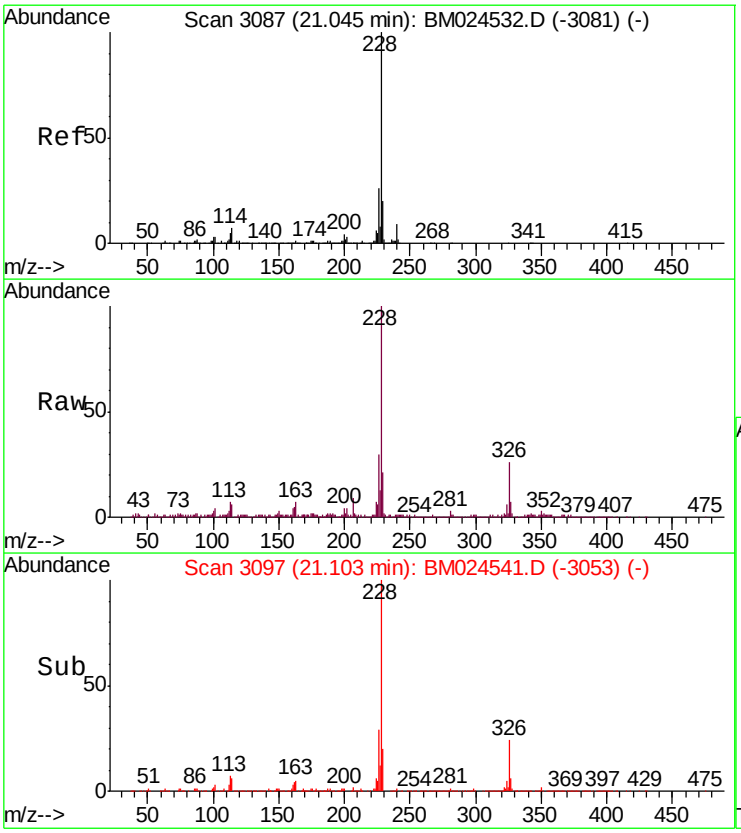
#80
Pyrene
Concen: 35.335 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:202 Resp: 3735982

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.5	9.7
100	6.9	5.0	7.6

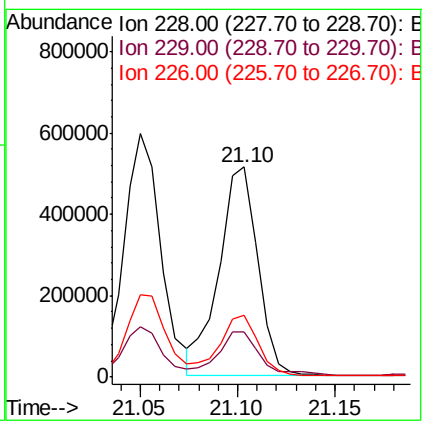


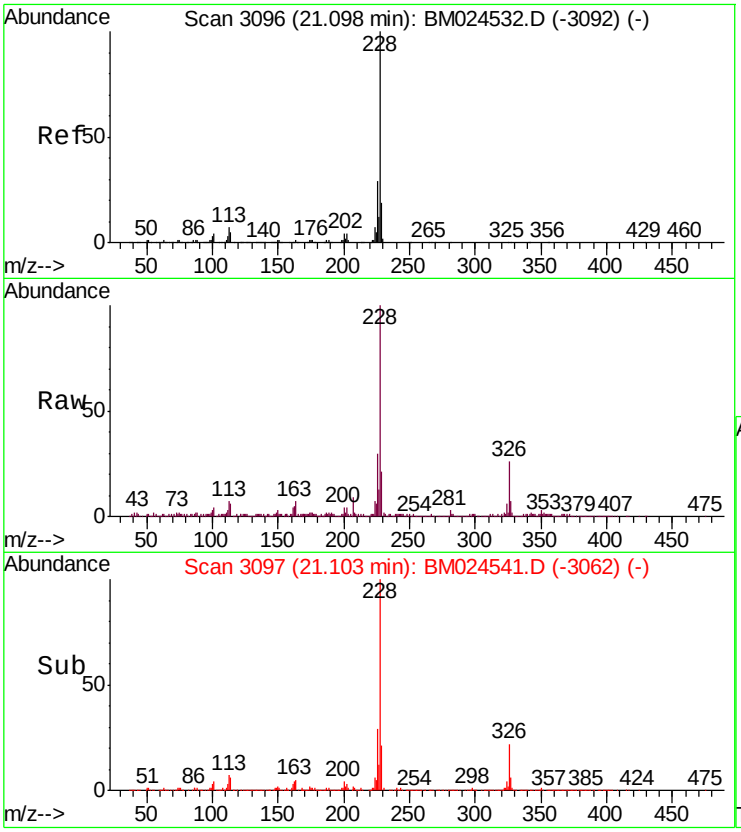


#83
Benzo(a)anthracene
Concen: 6.746 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.06 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:228 Resp: 709760

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	29.5	21.1	31.7



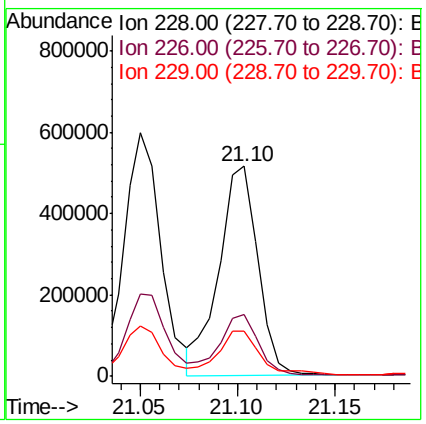


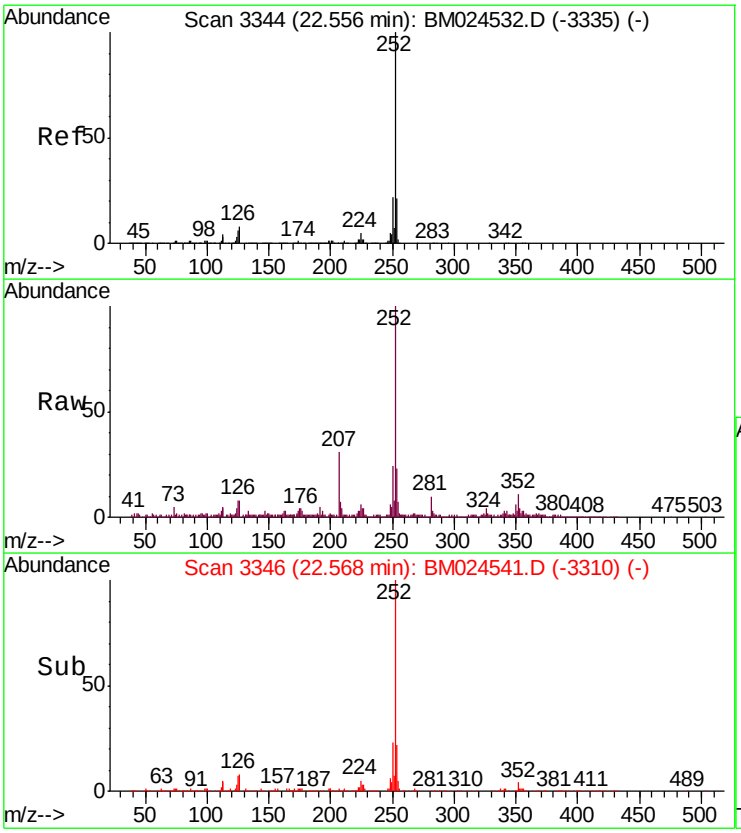
#85
Chrysene
Concen: 7.063 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:228 Resp: 716032

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.4	16.1	24.1

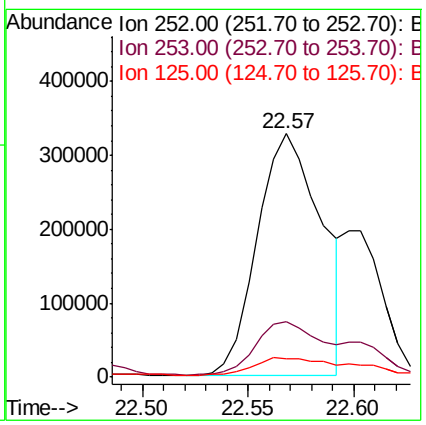


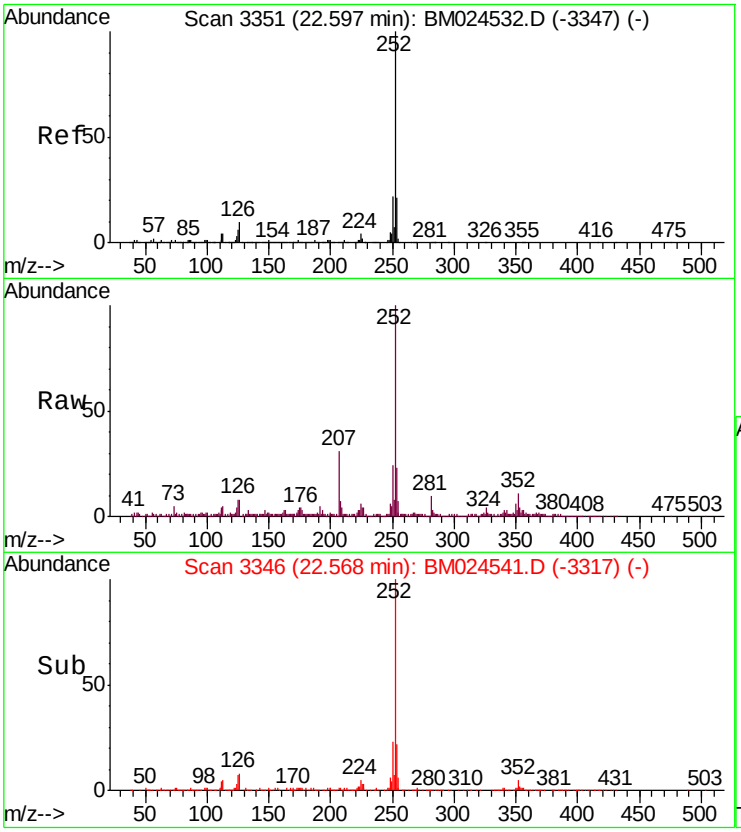


#88
Benzo(b)fluoranthene
Concen: 6.370 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:252 Resp: 691769

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.5	5.3	7.9



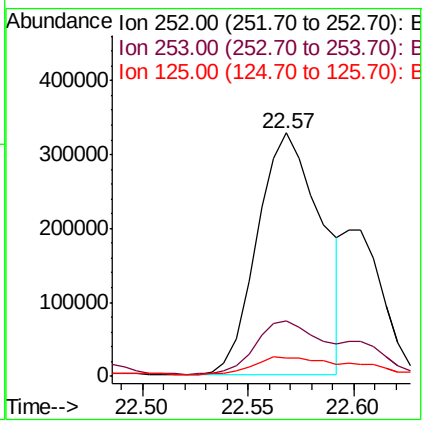


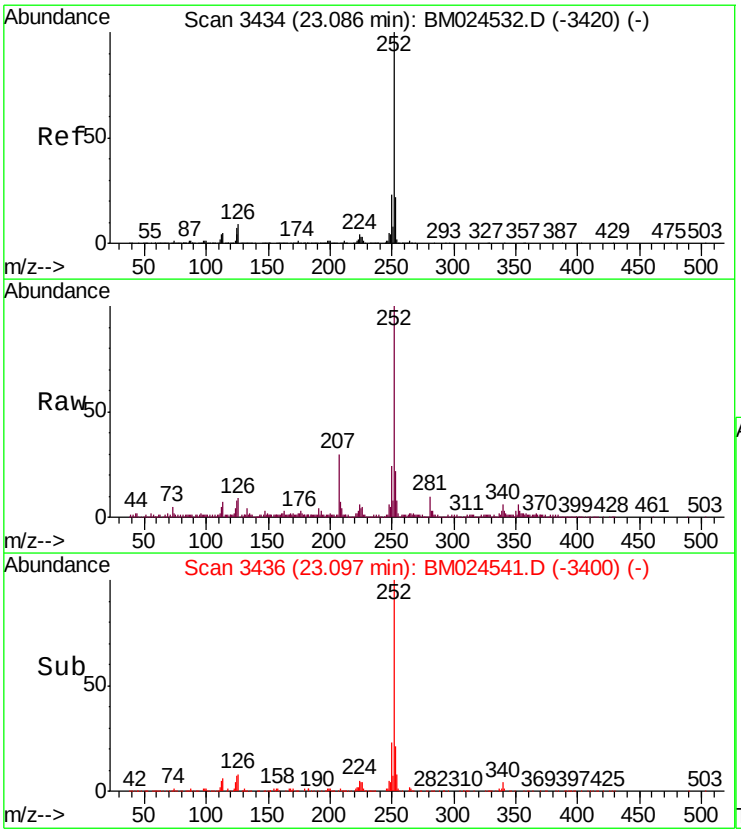
#89
Benzo(k)fluoranthene
Concen: 6.481 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. -0.03 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:252 Resp: 691769

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.5	5.2	7.8

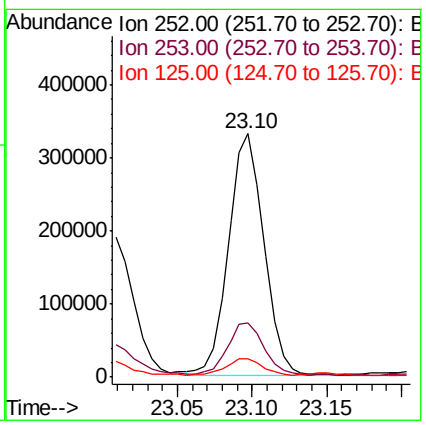


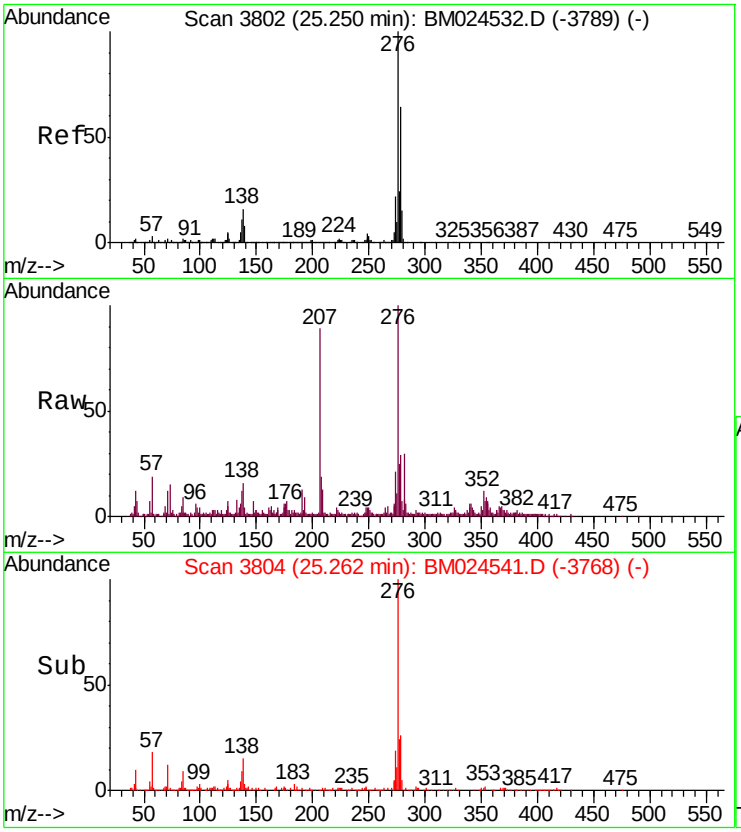


#91
Benzo(a)pyrene
Concen: 5.764 ng/ul
RT: 23.10 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:252 Resp: 543991

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	7.6	5.7	8.5



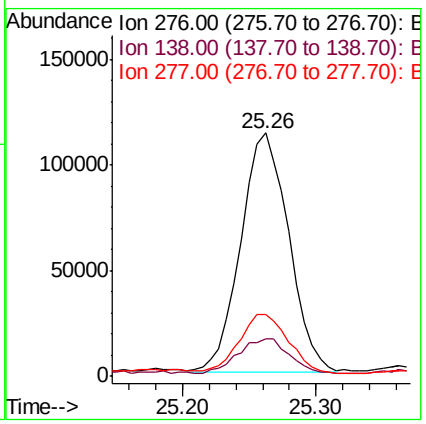


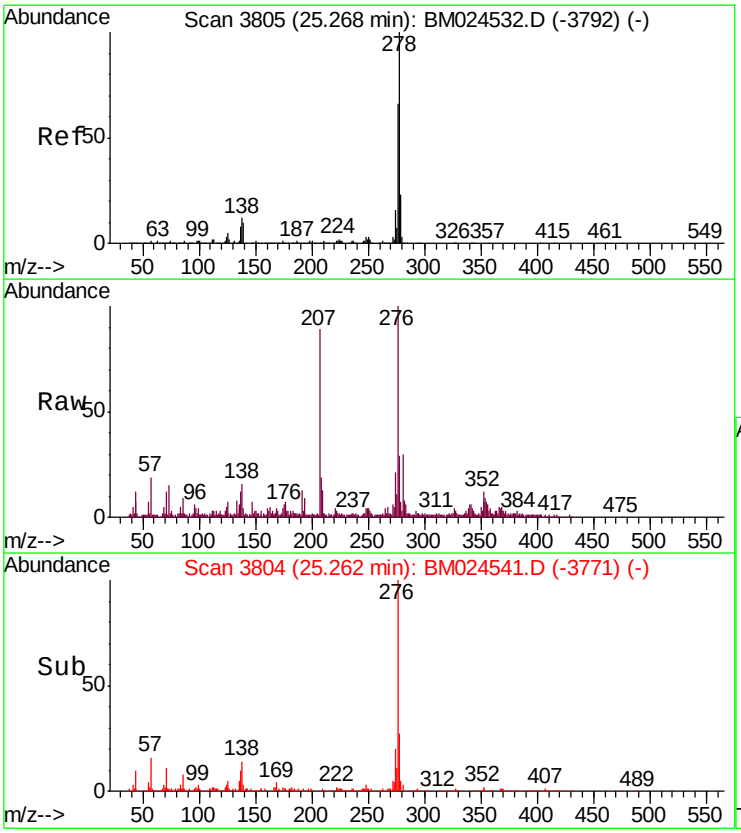
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.849 ng/ul
RT: 25.26 min Scan# 3804
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:276 Resp: 281346

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.5	18.7
277	25.4	19.0	28.6

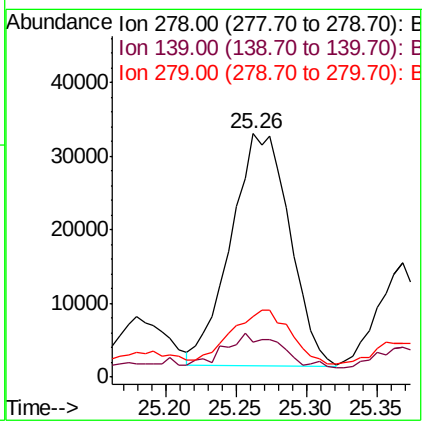


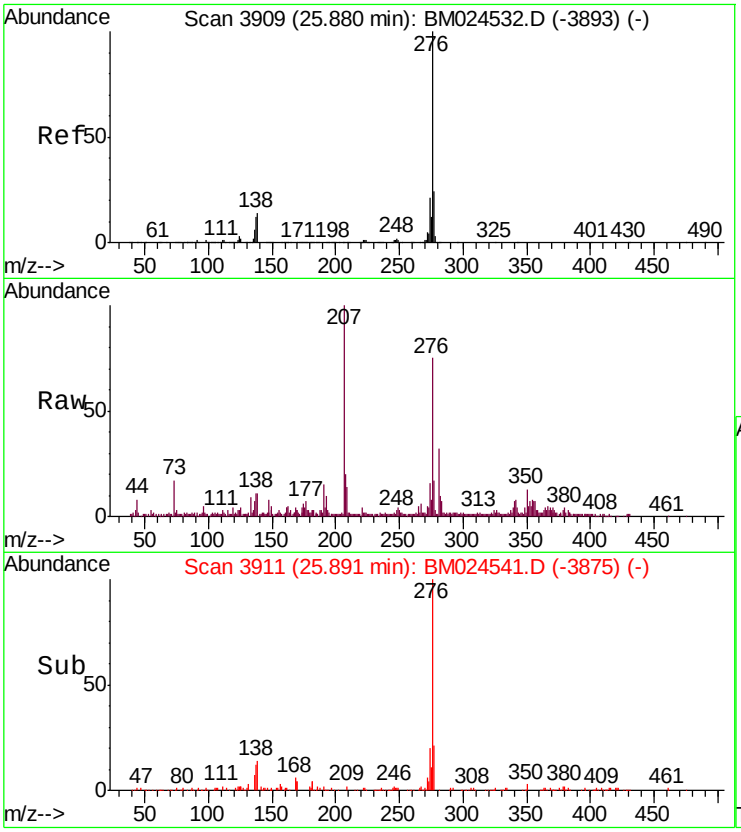


#93
Dibenzo(a,h)anthracene
Concen: 1.099 ng/ul
RT: 25.26 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Tgt Ion:278 Resp: 92143

Ion	Ratio	Lower	Upper
278	100		
139	14.6	8.7	13.1#
279	24.8	18.6	27.8





#94
Benzo(g,h,i)perylene
Concen: 2.520 ng/ul
RT: 25.89 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM024541.D
Acq: 18 Jan 2020 18:22

Instrument :
BNA_M
ClientSampleId :
GASG2MS

Tgt Ion:276 Resp: 197764

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.2	18.2
277	23.0	18.8	28.2