Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100480.D
Acq On : 22 Jul 2019 14:28
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 22 15:52:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	3194	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	13839	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	9016	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24141	0.40	ng		0.00
27) Chrysene-d12	21.38	240	28524	0.40	ng		0.00
34) Perylene-d12	23.86	264	30274	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	6126	0.77	ng		0.00
5) Phenol-d6	7.03	99	9137	0.82	ng		0.00
8) Nitrobenzene-d5	9.02	82	9119	0.82	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	17706	0.80	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	3092	0.82	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	28716	0.77	ng		0.00
25) Fluoranthene-d10	19.24	212	250756	0.74	ng		0.00
29) Terphenyl-d14	19.83	244	54764	0.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	3369	0.687	ng		95
3) n-Nitrosodimethylamine	3.67	42	2178	0.768	ng	#	97
6) bis(2-Chloroethyl)ether	7.29	93	7797	0.806	ng		99
9) Naphthalene	10.70	128	102975	0.778	ng		100
10) Hexachlorobutadiene	11.02	225	4809	0.757	ng		99
12) 2-Methylnaphthalene	12.32	142	18451	0.799	ng		100
16) Acenaphthylene	14.23	152	32676	0.789	ng		99
17) Acenaphthene	14.56	154	19748	0.784	ng		97
18) Fluorene	15.53	166	26389	0.787	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	8943	0.803	ng		96
21) Hexachlorobenzene	16.55	284	9046	0.779	ng		99
22) Pentachlorophenol	16.88	266	3749	0.797	ng		96
23) Phenanthrene	17.25	178	45692	0.765	ng		99
24) Anthracene	17.35	178	44076	0.790	ng		99
26) Fluoranthene	19.27	202	65300	0.736	ng		99
28) Pyrene	19.63	202	68262	0.814	ng		100
30) Benzo(a)anthracene	21.37	228	66886	0.769	ng		99
31) Chrysene	21.42	228	66632	0.768	ng		98
32) Bis(2-ethylhexyl)phthalate	21.31	149	148700	0.770	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.49	276	71440	0.762	ng		97
35) Benzo(b)fluoranthene	23.10	252	62791	0.751	ng	#	95
36) Benzo(k)fluoranthene	23.15	252	68382	0.769	ng	#	91
37) Benzo(a)pyrene	23.75	252	61704	0.765	ng	#	93
38) Dibenzo(a,h)anthracene	26.52	278	59082	0.777	ng	#	93
39) Benzo(g,h,i)perylene	27.29	276	59537	0.761	ng		96

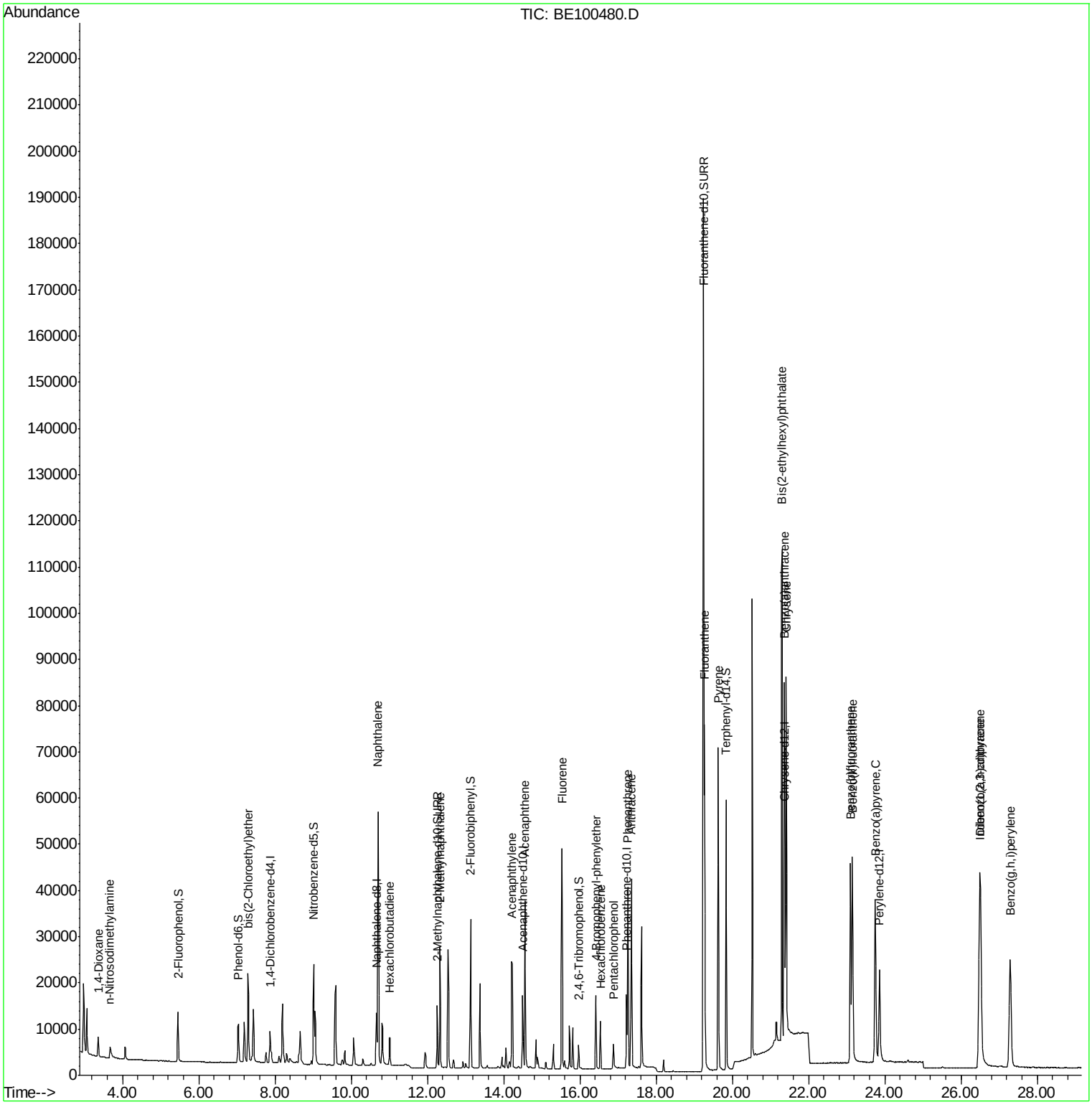
(#) = qualifier out of range (m) = manual integration (+) = signals summed

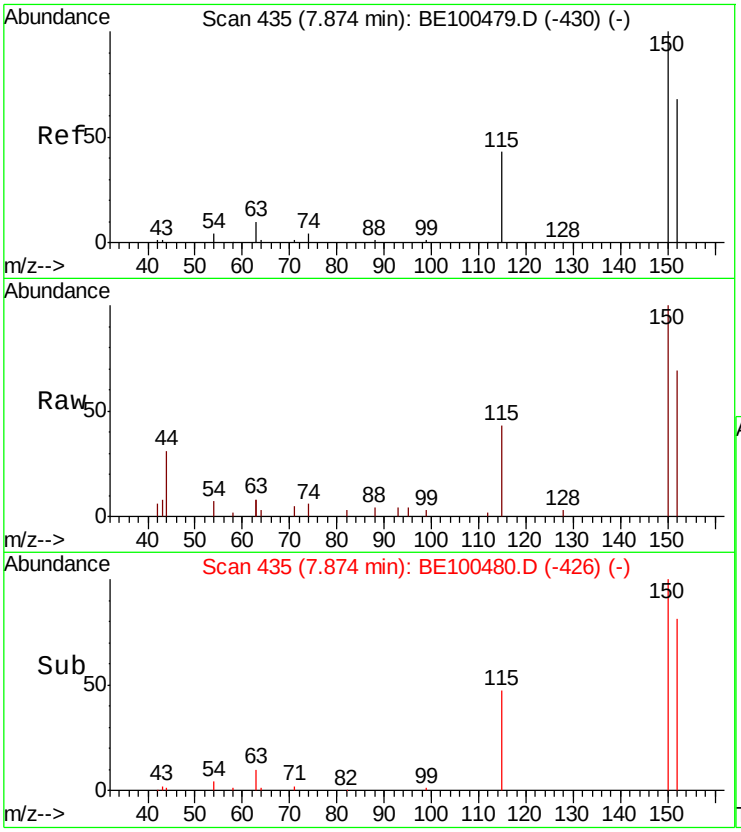
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100480.D
Acq On : 22 Jul 2019 14:28
Operator : HP/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 22 15:52:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 22 15:44:08 2019
Response via : Initial Calibration



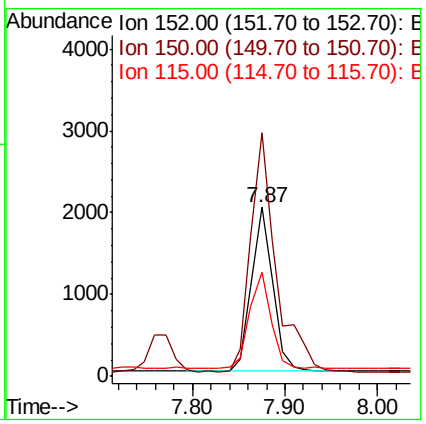


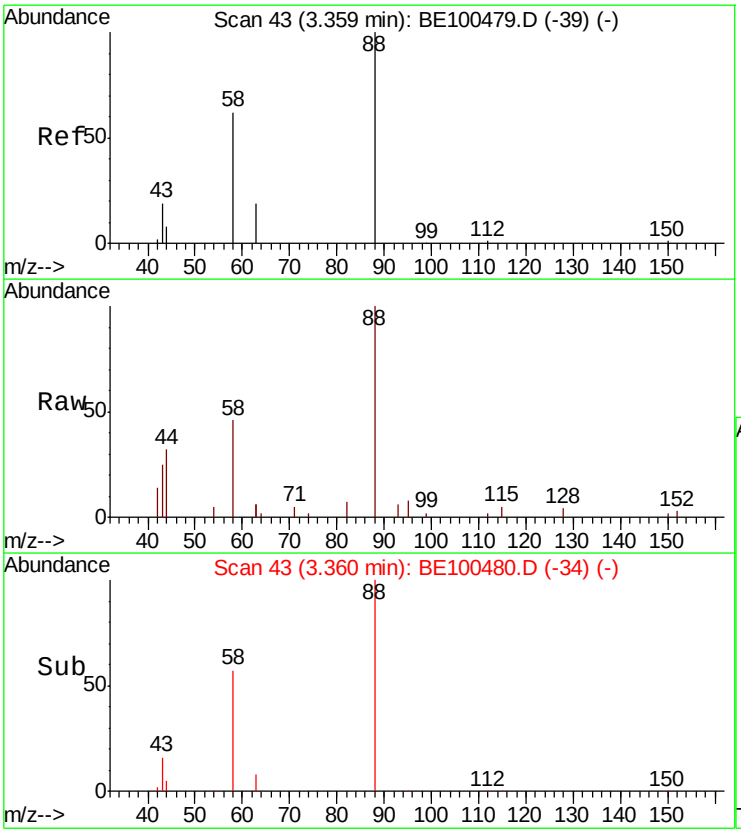
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3194

Ion	Ratio	Lower	Upper
152	100		
150	144.1	115.0	172.6
115	61.9	52.9	79.3

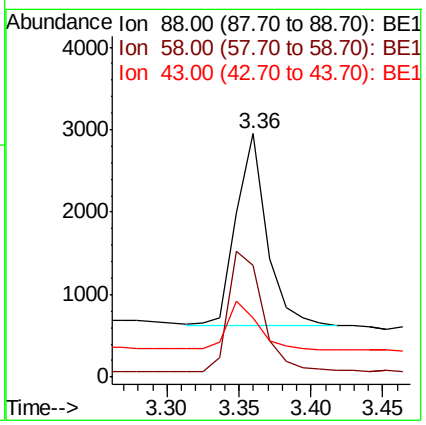


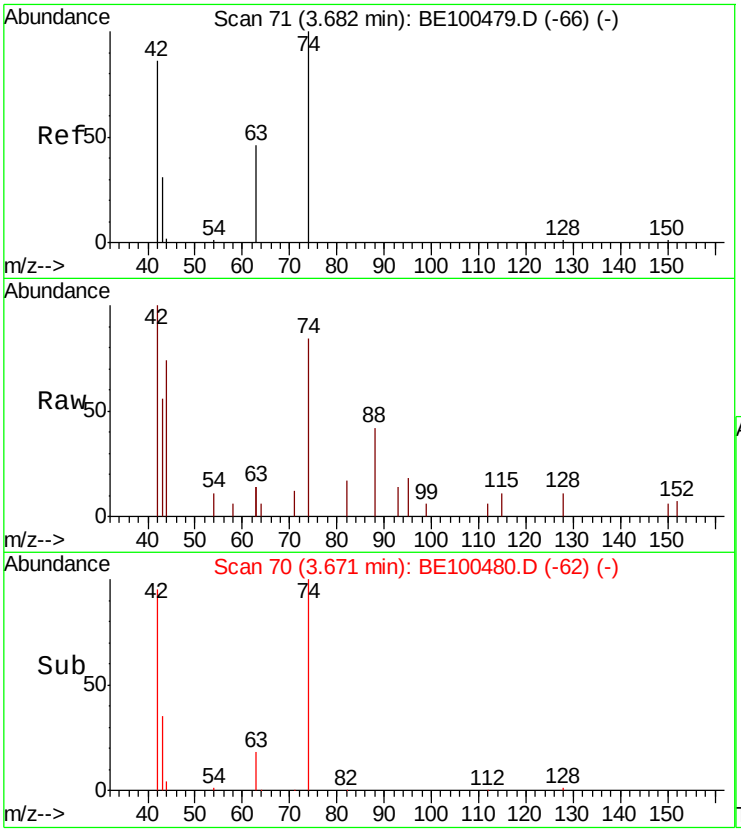


#2
1,4-Dioxane
Concen: 0.687 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion: 88 Resp: 3369

Ion	Ratio	Lower	Upper
88	100		
58	72.3	53.2	79.8
43	26.0	20.8	31.2



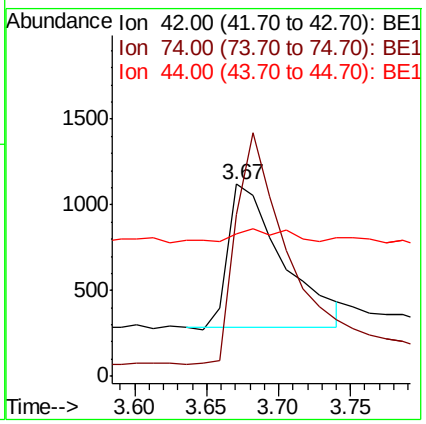


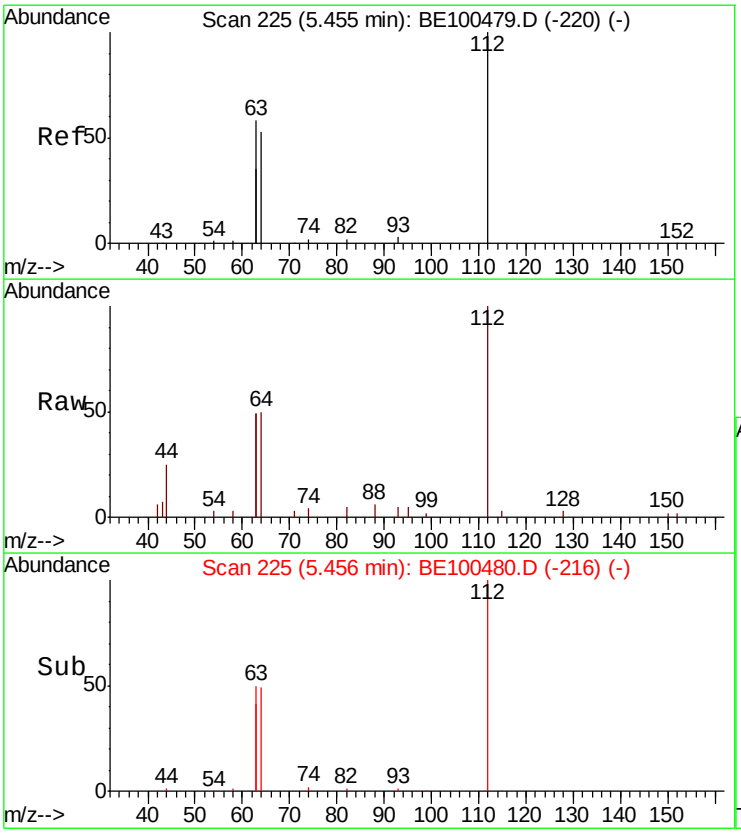
#3
n-Nitrosodimethylamine
Concen: 0.768 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 2178

Ion	Ratio	Lower	Upper
42	100		
74	156.2	0.0	0.0#
44	11.0	9.6	14.4

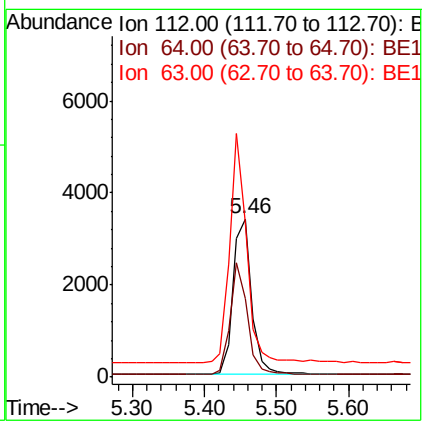


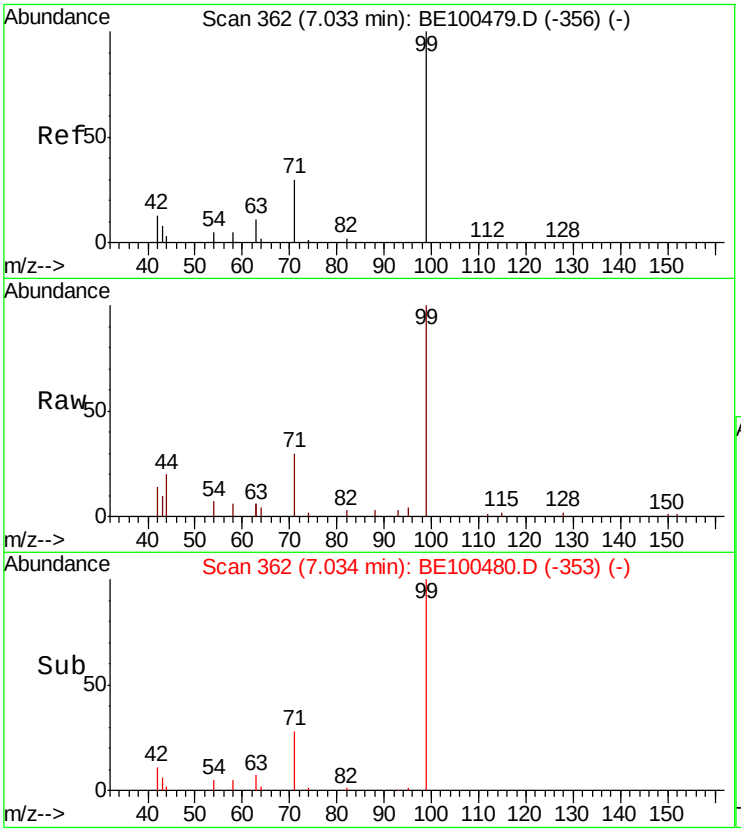


#4
2-Fluorophenol
Concen: 0.771 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:112 Resp: 6126

Ion	Ratio	Lower	Upper
112	100		
64	65.1	54.1	81.1
63	132.5	104.6	157.0



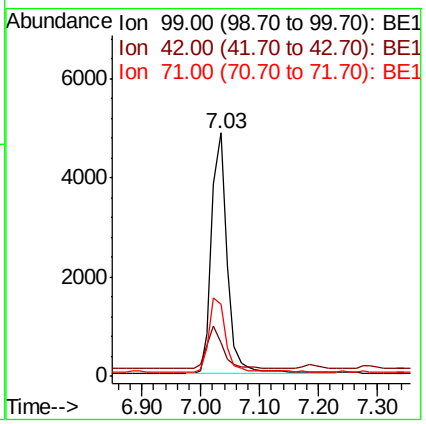


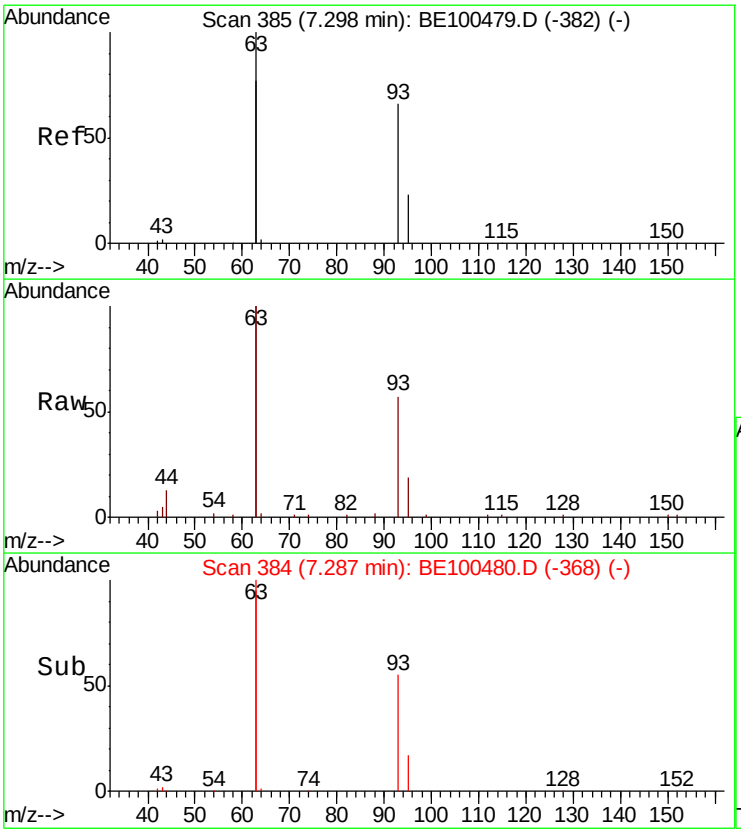
#5
Phenol-d6
Concen: 0.819 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9137

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	33.0	26.4	39.6

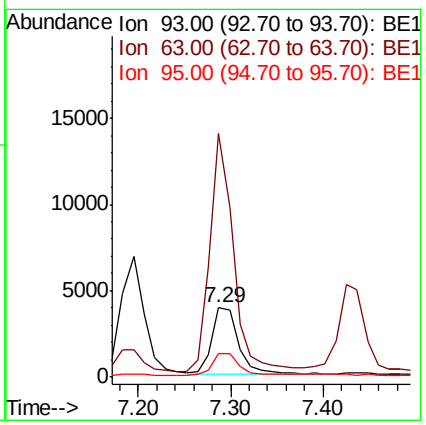


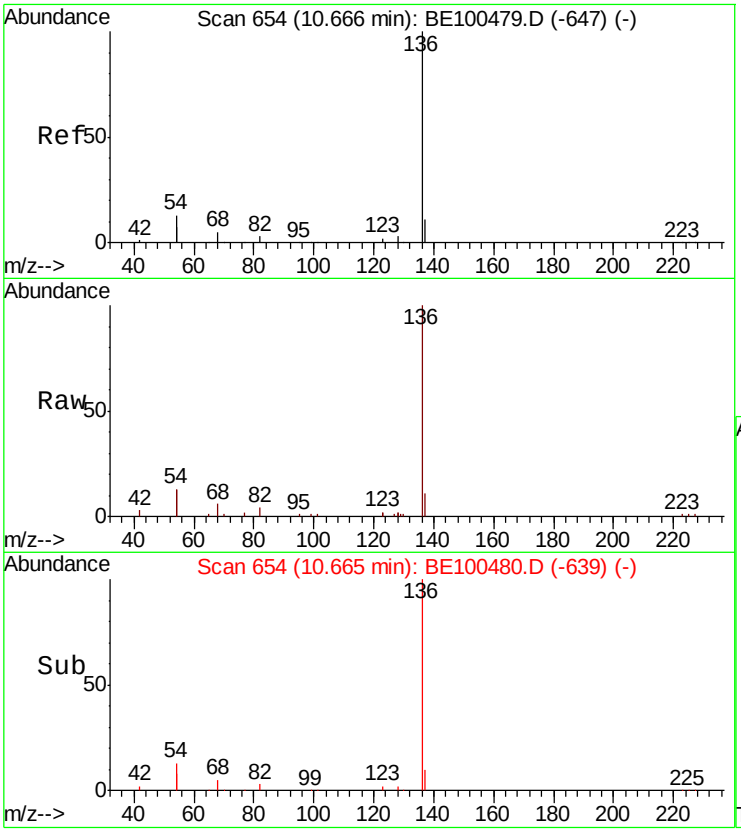


#6
bis(2-Chloroethyl)ether
Concen: 0.806 ng
RT: 7.29 min Scan# 384
Delta R.T. -0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion: 93 Resp: 7797

Ion	Ratio	Lower	Upper
93	100		
63	307.6	248.3	372.5
95	31.8	25.4	38.0



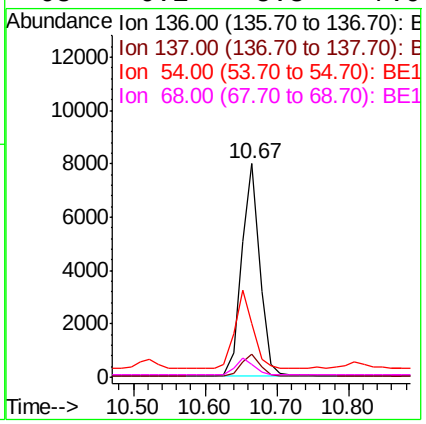


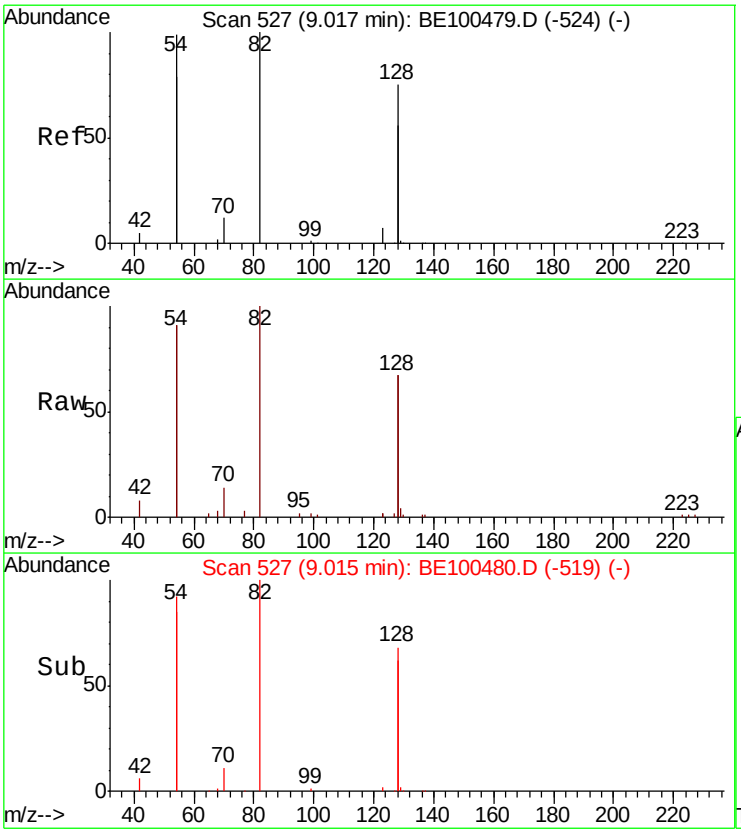
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13839

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	25.1	20.6	31.0
68	6.1	5.3	7.9

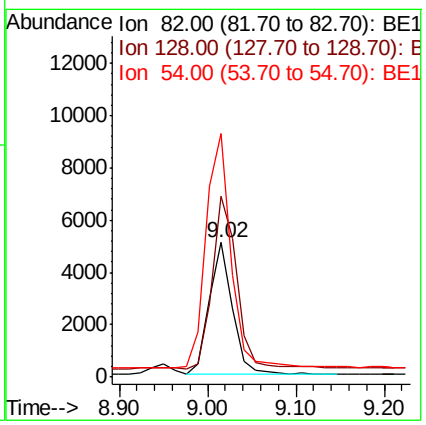


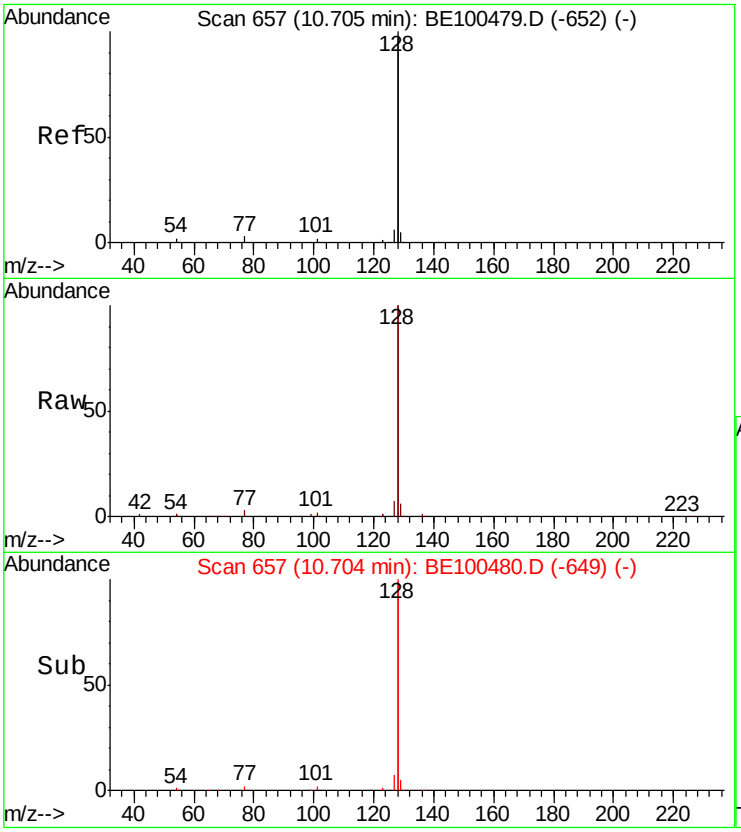


#8
Nitrobenzene-d5
Concen: 0.815 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion: 82 Resp: 9119

Ion	Ratio	Lower	Upper
82	100		
128	134.2	113.6	170.4
54	181.0	150.6	226.0



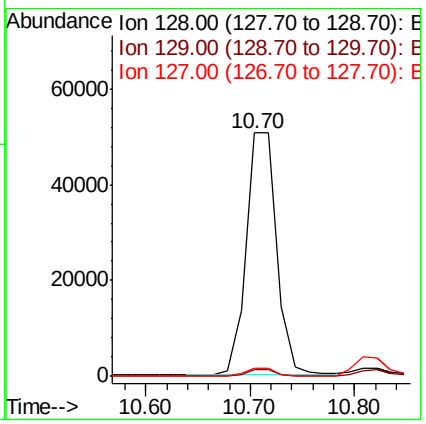


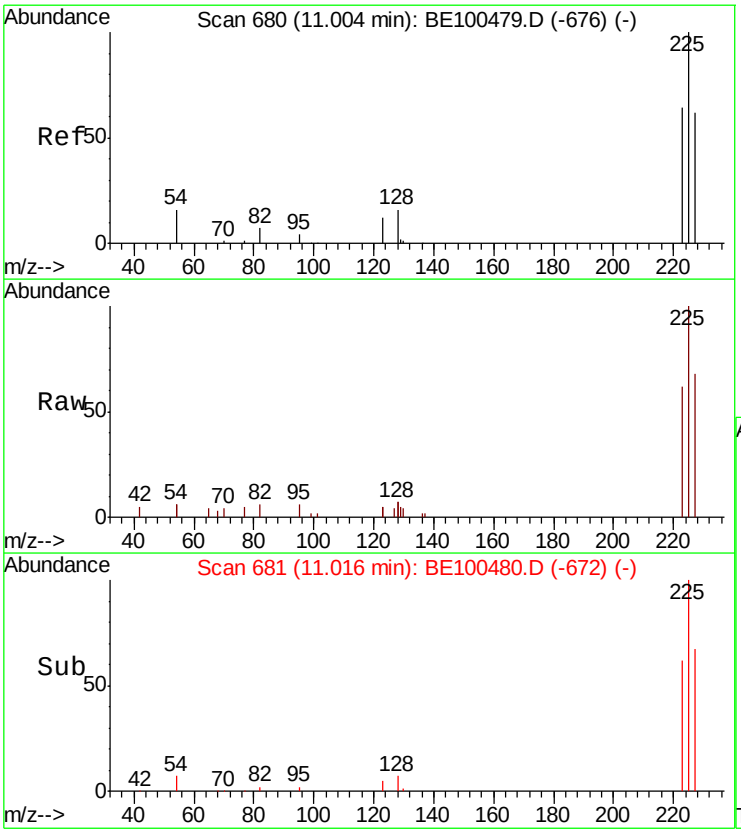
#9
Naphthalene
Concen: 0.778 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 102975

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.3	3.5
127	3.5	2.7	4.1

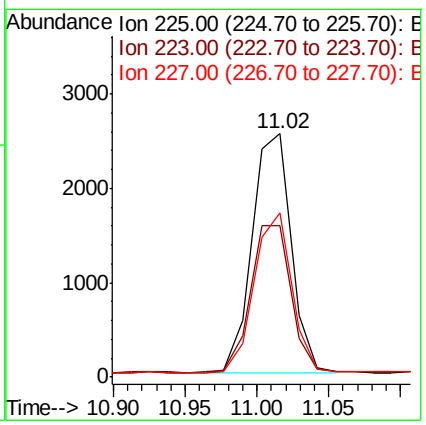


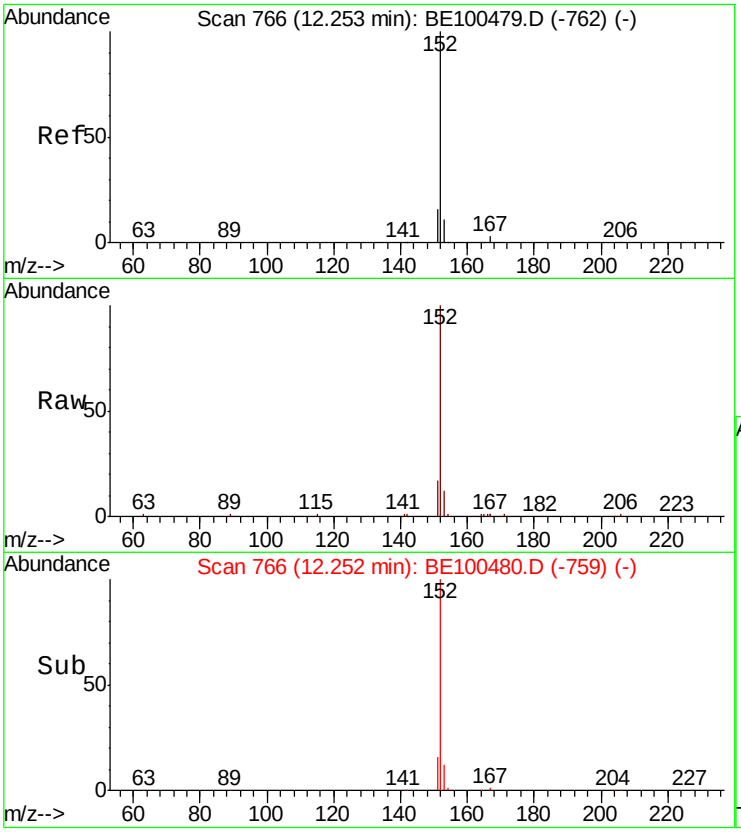


#10
Hexachlorobutadiene
Concen: 0.757 ng
RT: 11.02 min Scan# 681
Delta R.T. 0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:225 Resp: 4809

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.0
227	64.1	51.4	77.2



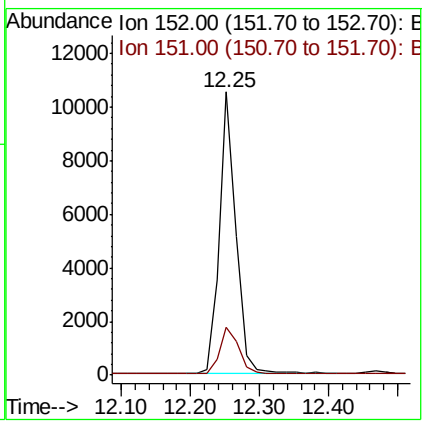


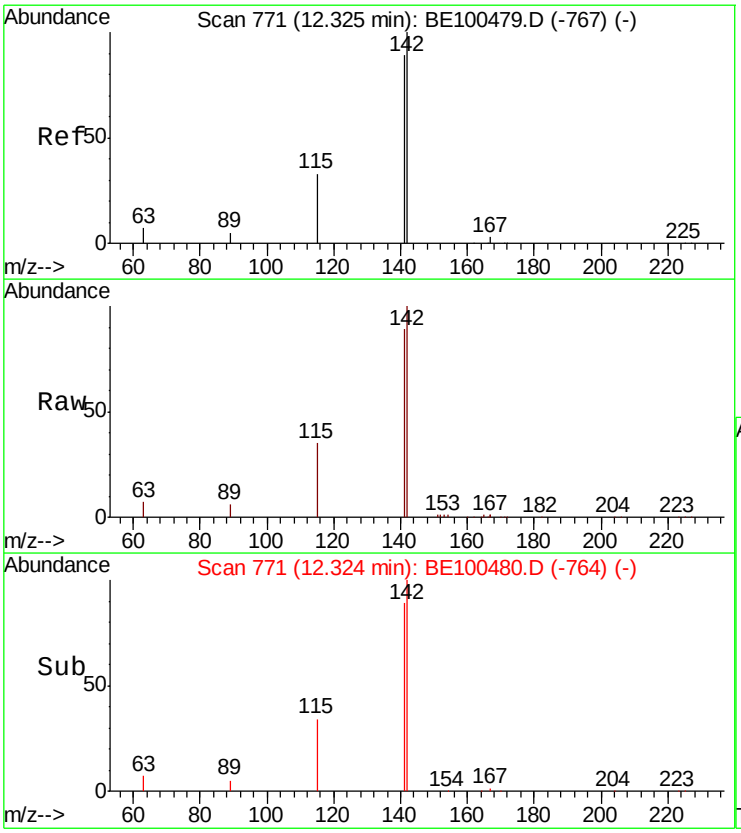
#11
2-Methylnaphthalene-d10
Concen: 0.797 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 17706

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

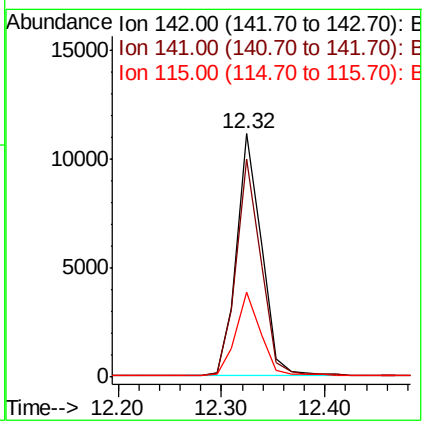


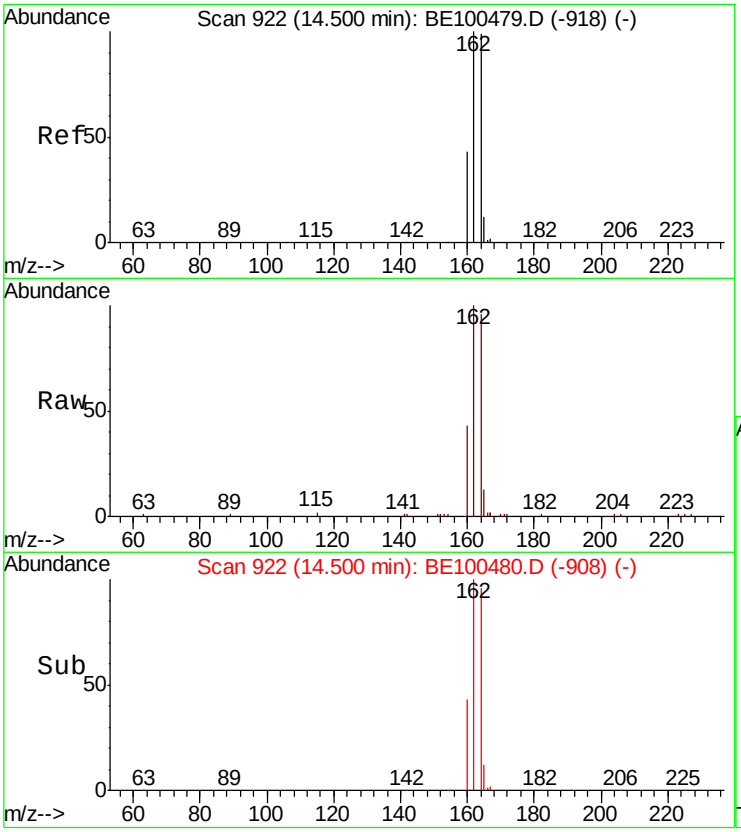


#12
2-Methylnaphthalene
Concen: 0.799 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:142 Resp: 18451

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.7	107.5
115	34.8	27.8	41.6



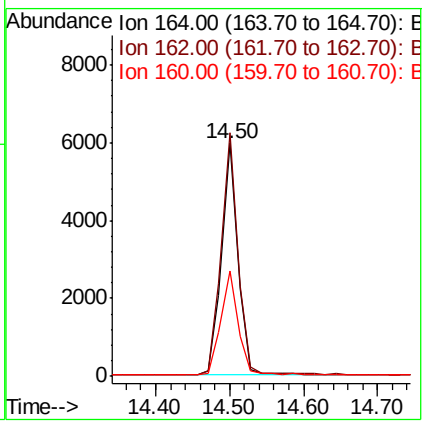


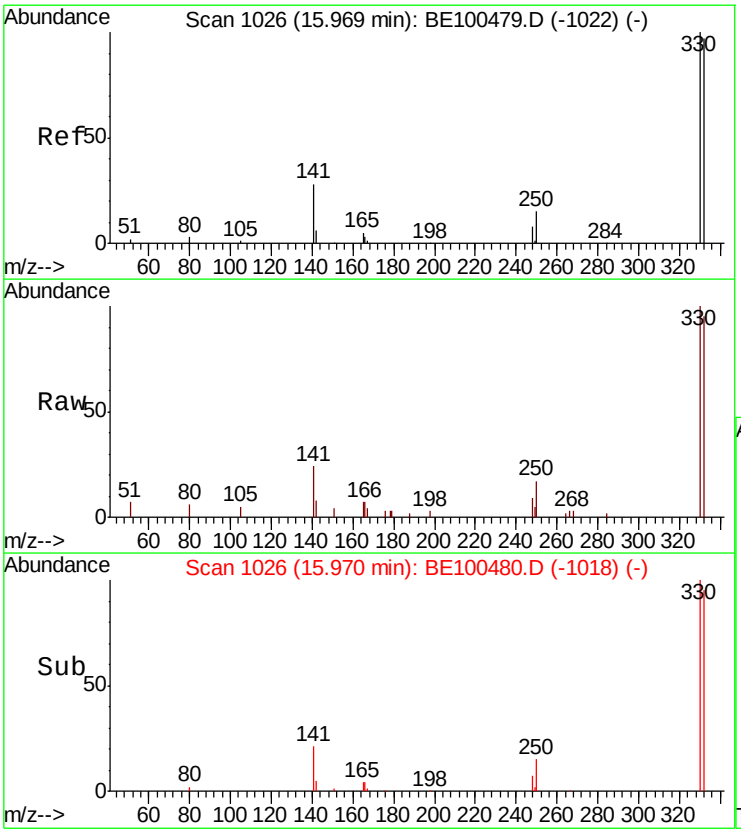
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 9016

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.8	121.2
160	45.0	34.9	52.3

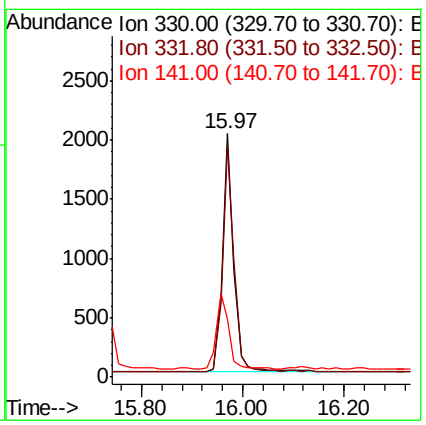


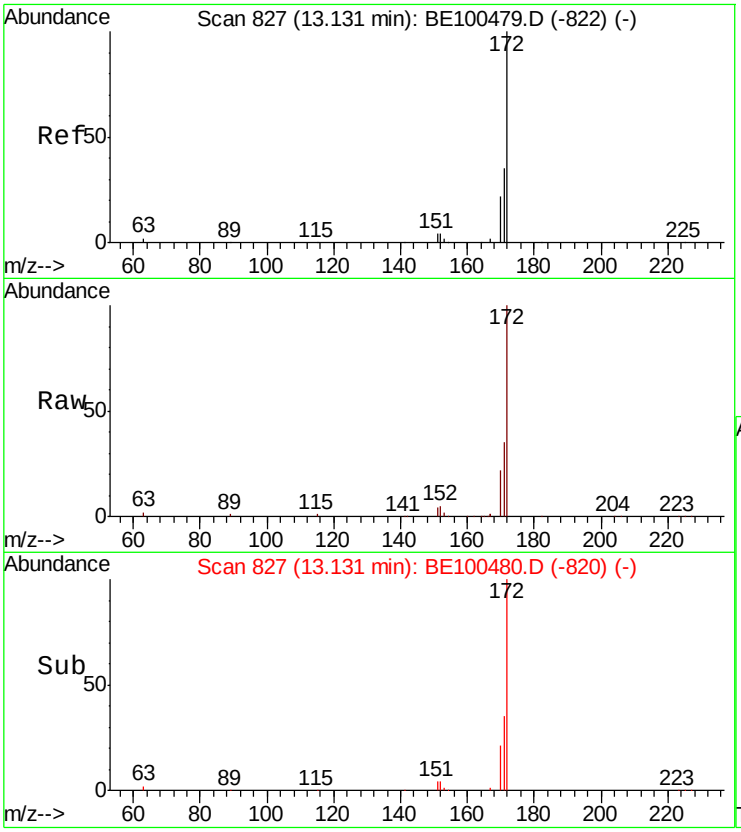


#14
2,4,6-Tribromophenol
Concen: 0.817 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:330 Resp: 3092

Ion	Ratio	Lower	Upper
330	100		
332	95.8	80.5	120.7
141	35.3	29.9	44.9



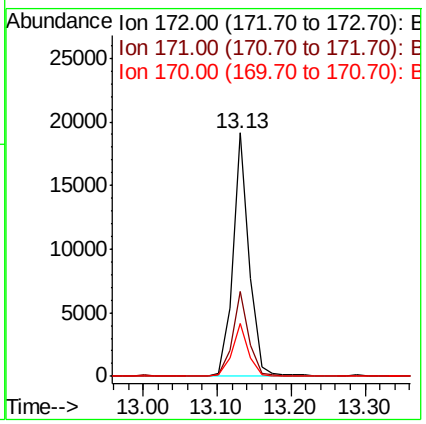


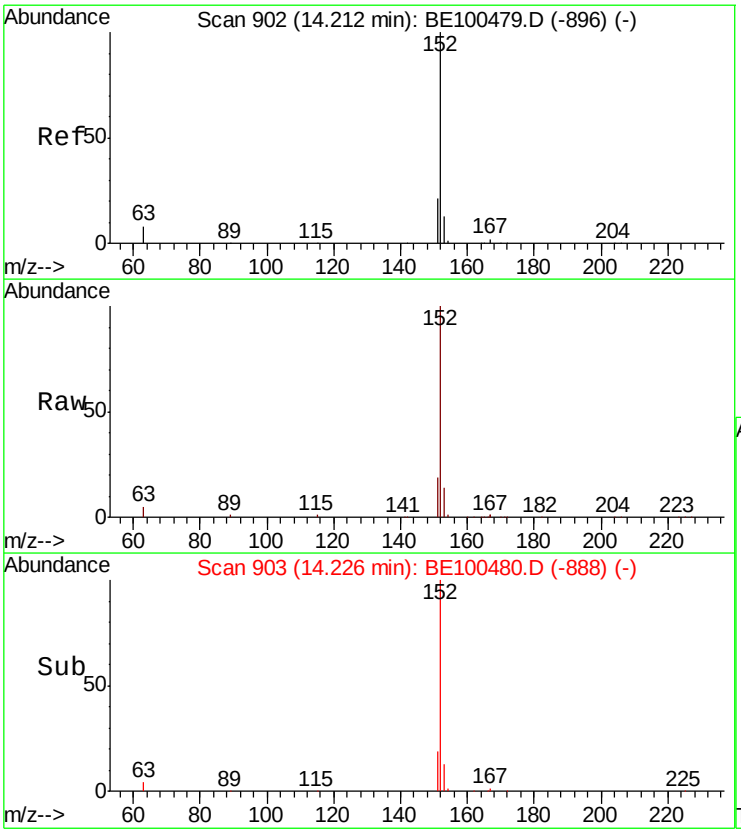
#15
2-Fluorobiphenyl
Concen: 0.774 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 28716

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	21.7	17.8	26.8

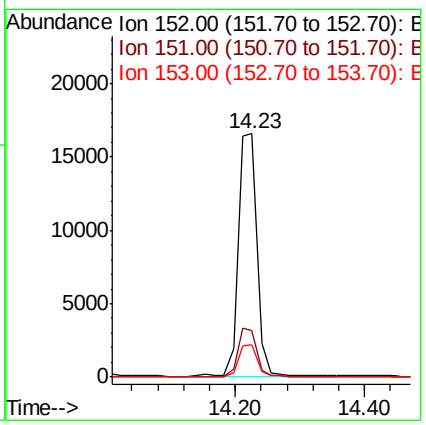


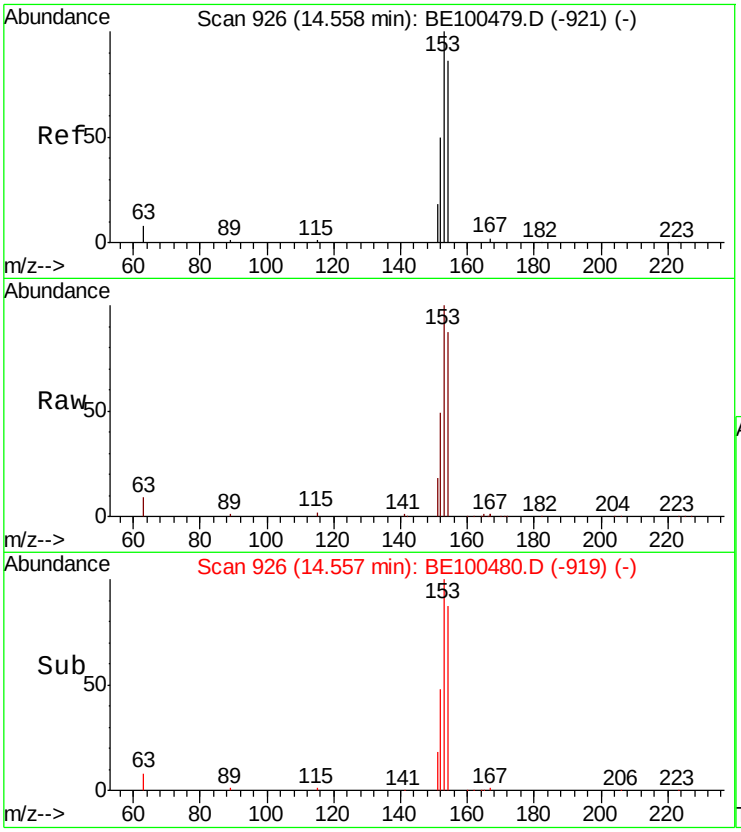


#16
Acenaphthylene
Concen: 0.789 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:152 Resp: 32676

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.1	10.6	16.0

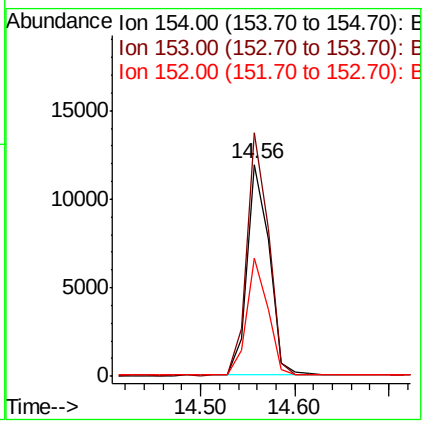




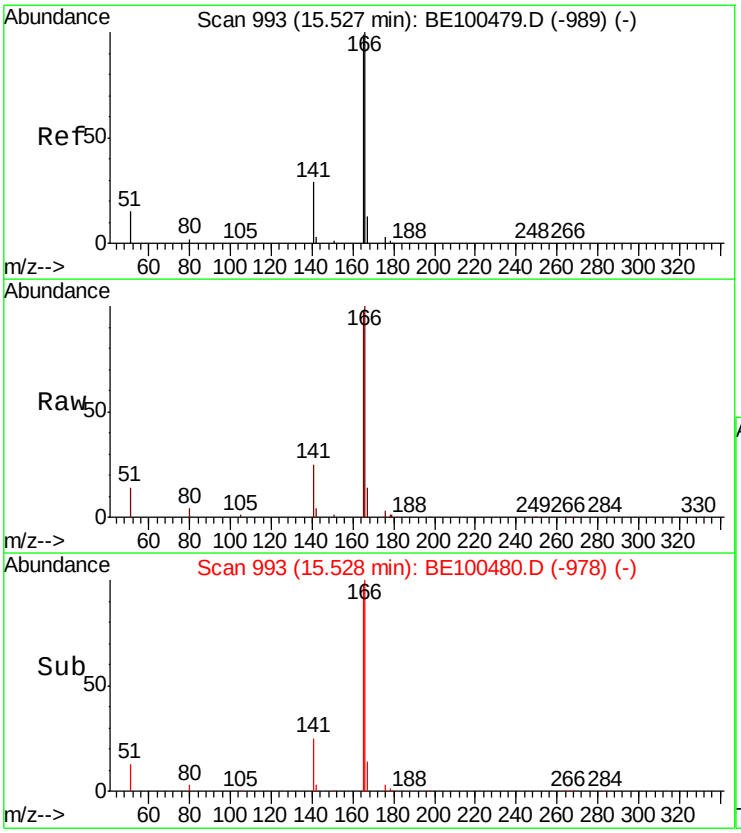
#17
Acenaphthene
Concen: 0.784 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:154 Resp: 19748

Ion	Ratio	Lower	Upper
154	100		
153	111.4	90.8	136.2
152	53.3	45.1	67.7



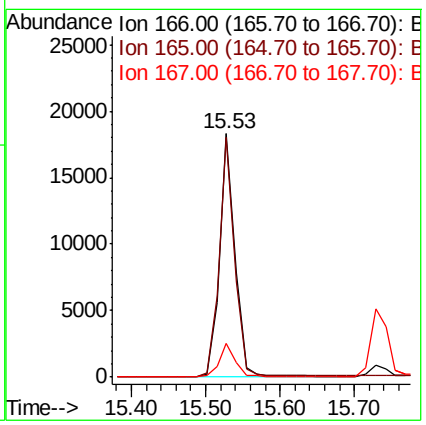
Instrument :
BNA_E
ClientSampleId :

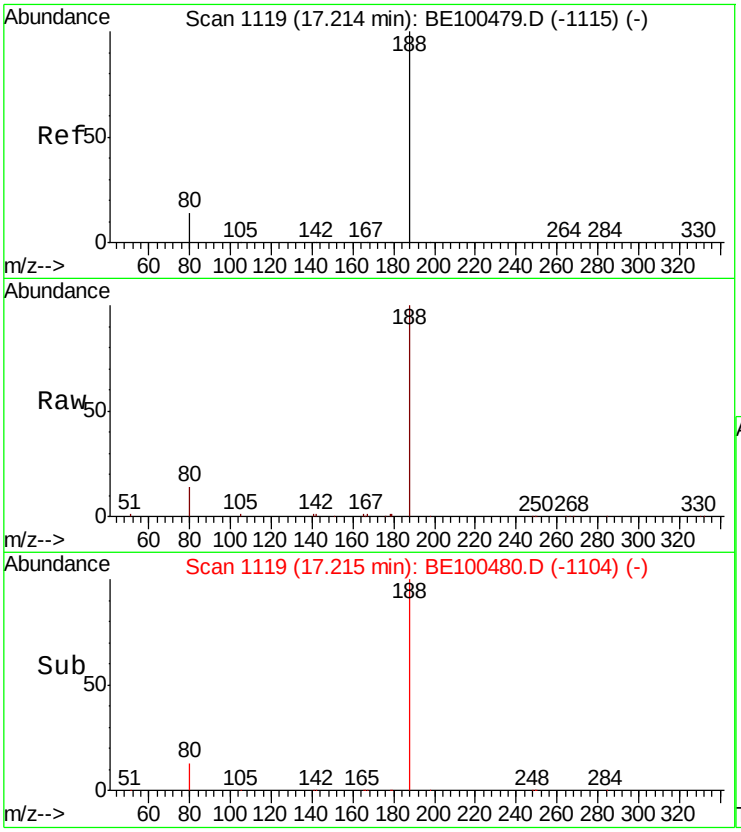


#18
Fluorene
Concen: 0.787 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:166 Resp: 26389

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.3	117.5
167	13.6	10.9	16.3



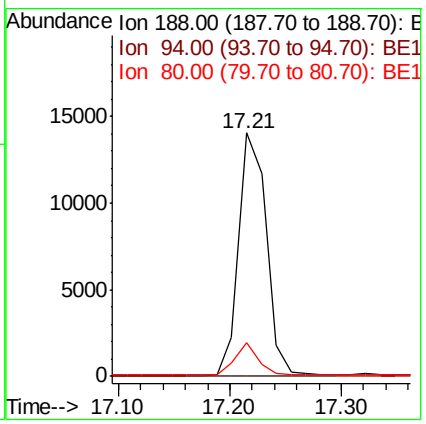


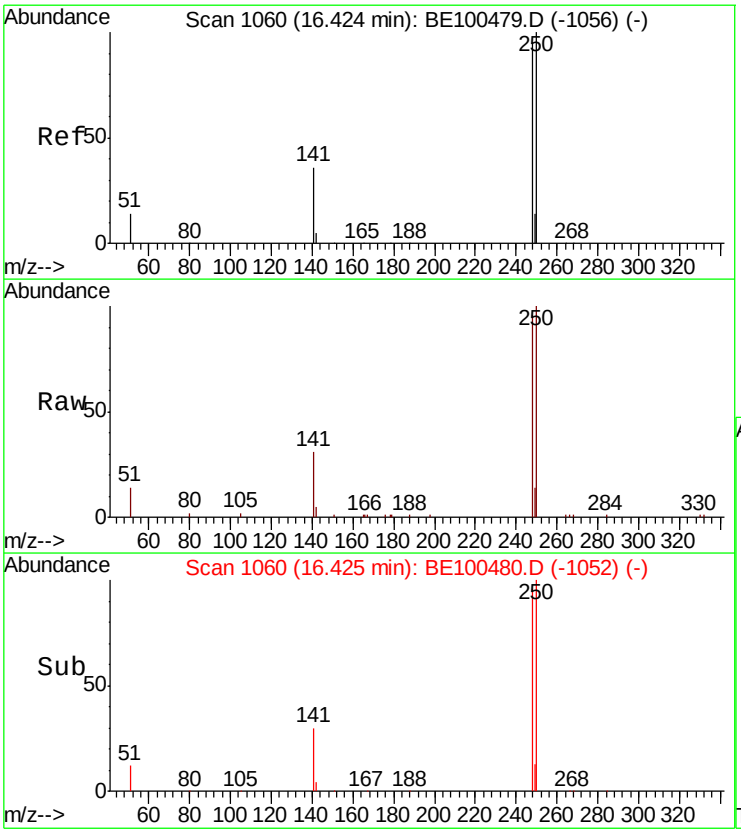
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 24141

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	11.9	17.9

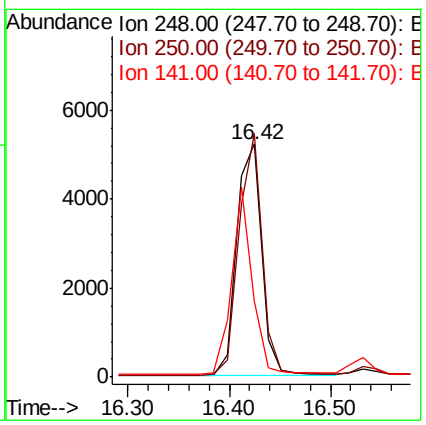


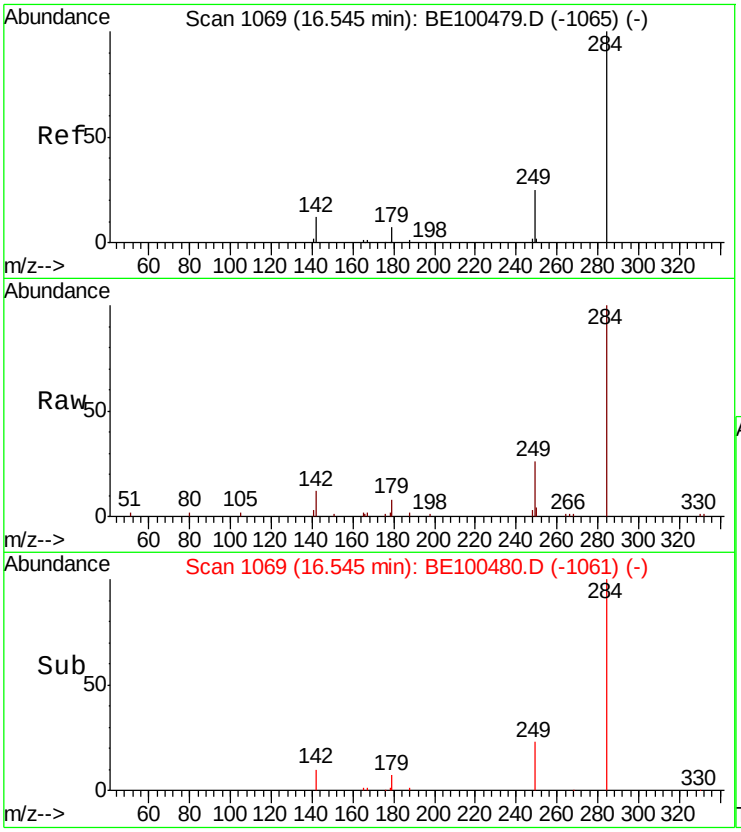


#20
4-Bromophenyl-phenylether
Concen: 0.803 ng
RT: 16.42 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:248 Resp: 8943

Ion	Ratio	Lower	Upper
248	100		
250	104.6	84.4	126.6
141	32.8	32.2	48.2



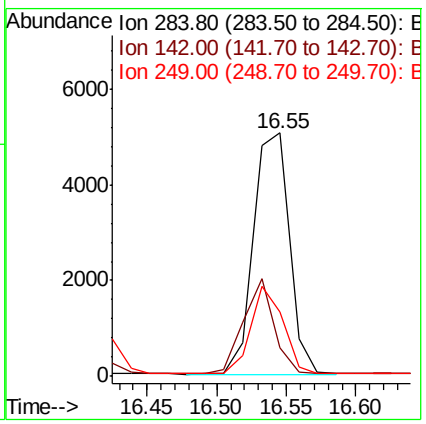


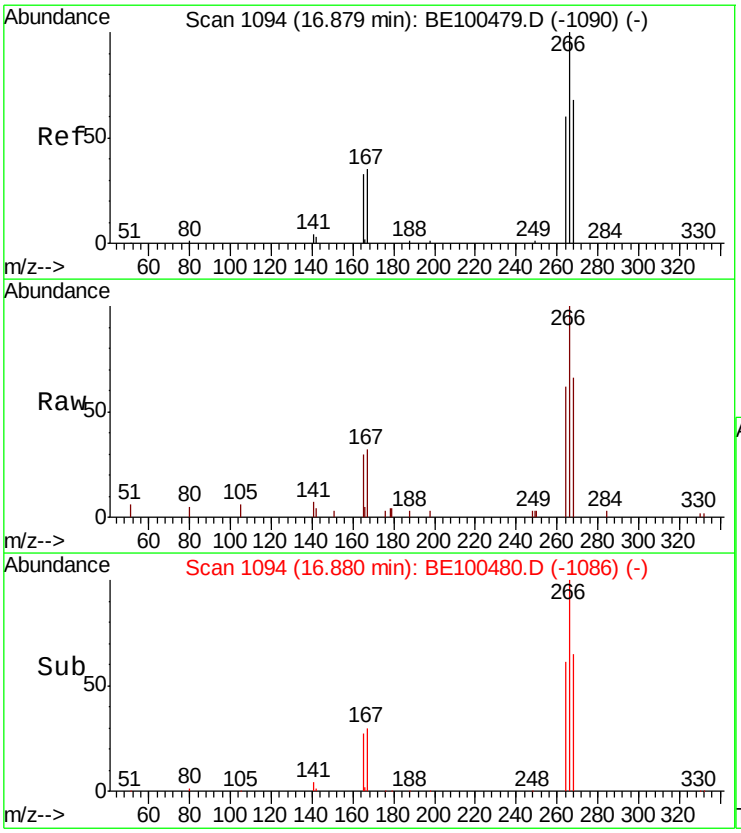
#21
Hexachlorobenzene
Concen: 0.779 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9046

Ion	Ratio	Lower	Upper
284	100		
142	32.9	26.7	40.1
249	32.2	25.0	37.4

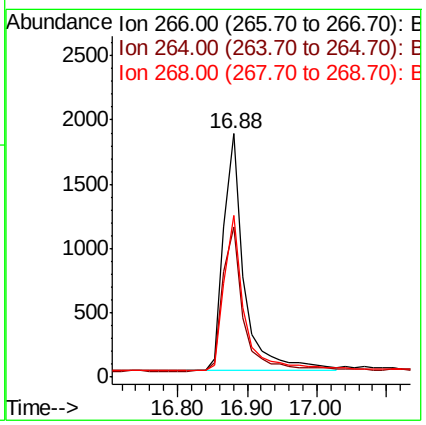


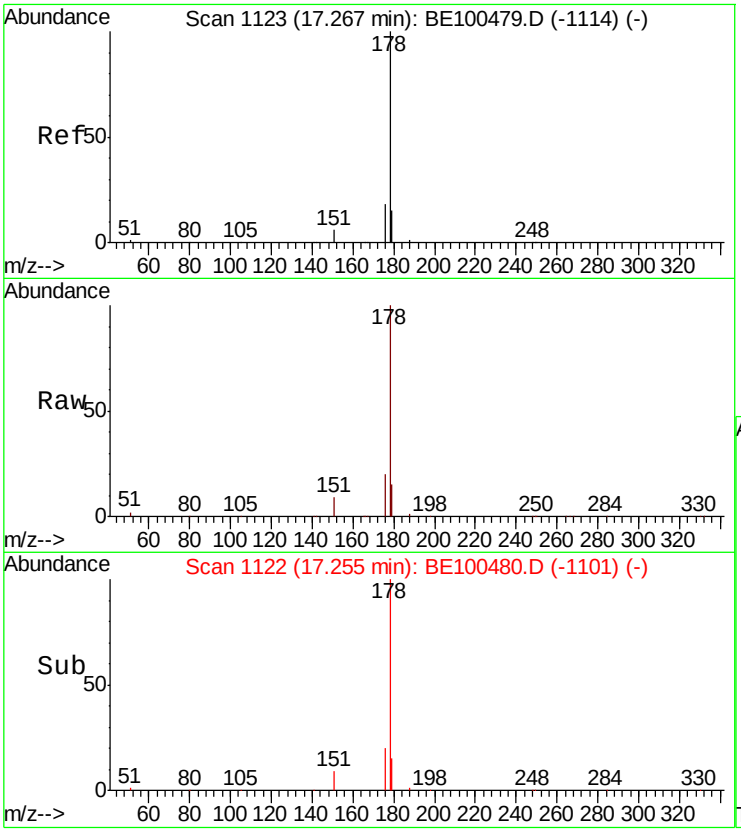


#22
Pentachlorophenol
Concen: 0.797 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:266 Resp: 3749

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.4	75.6
268	66.4	56.6	85.0



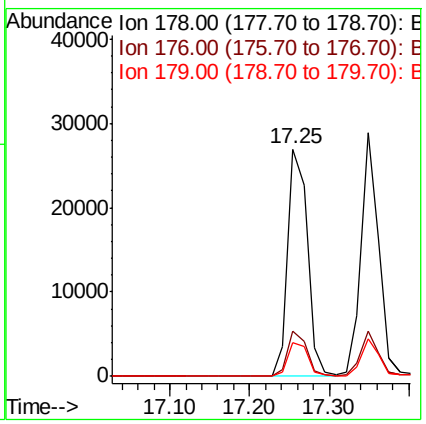


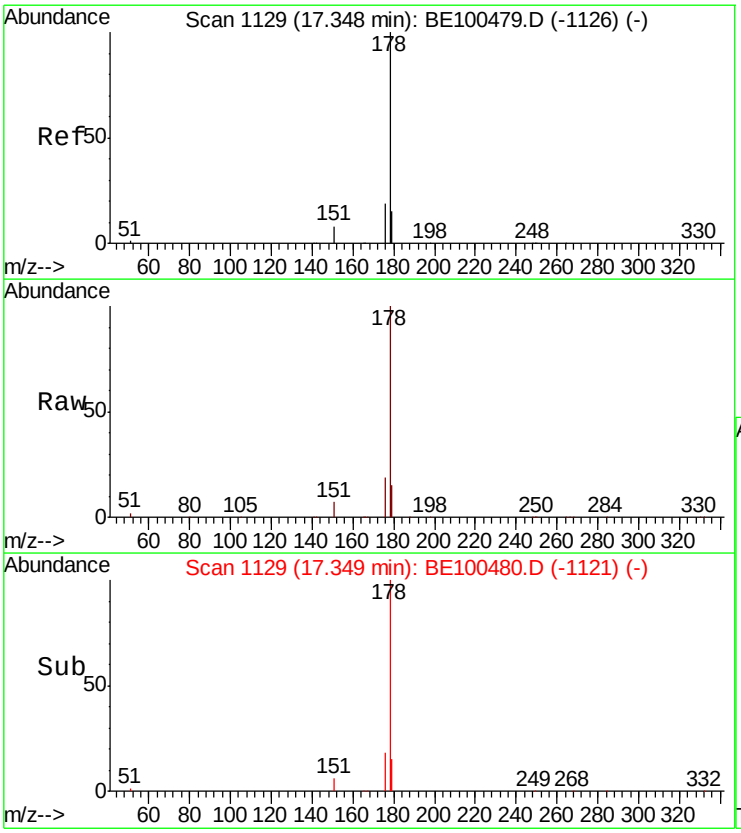
#23
Phenanthrene
Concen: 0.765 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 45692

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.6	18.8

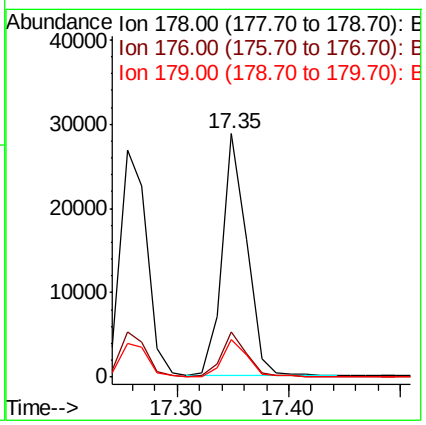


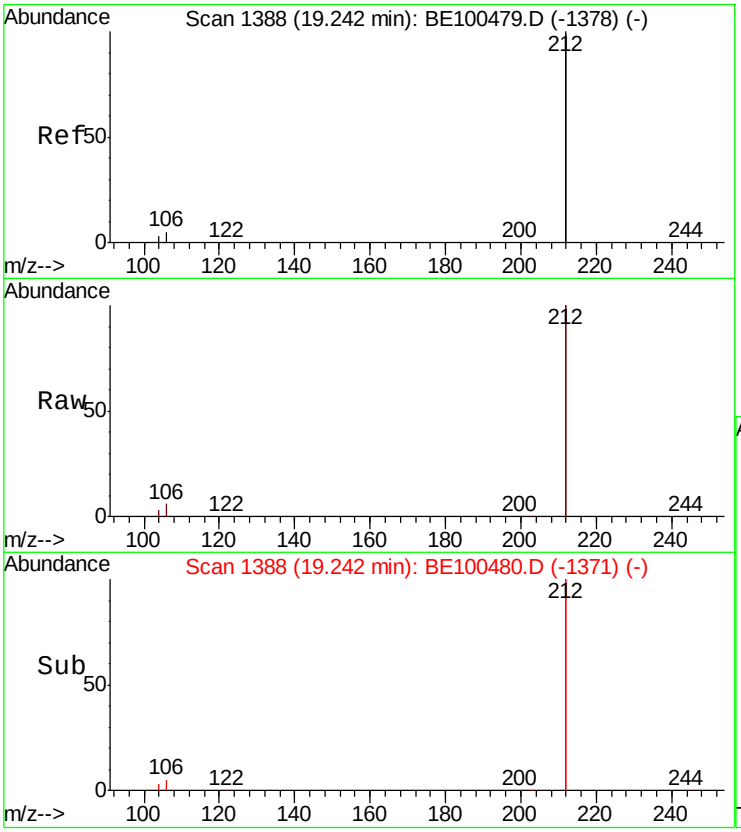


#24
Anthracene
Concen: 0.790 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:178 Resp: 44076

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.3	12.2	18.2



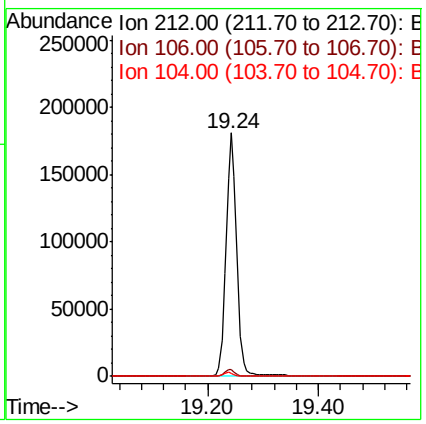


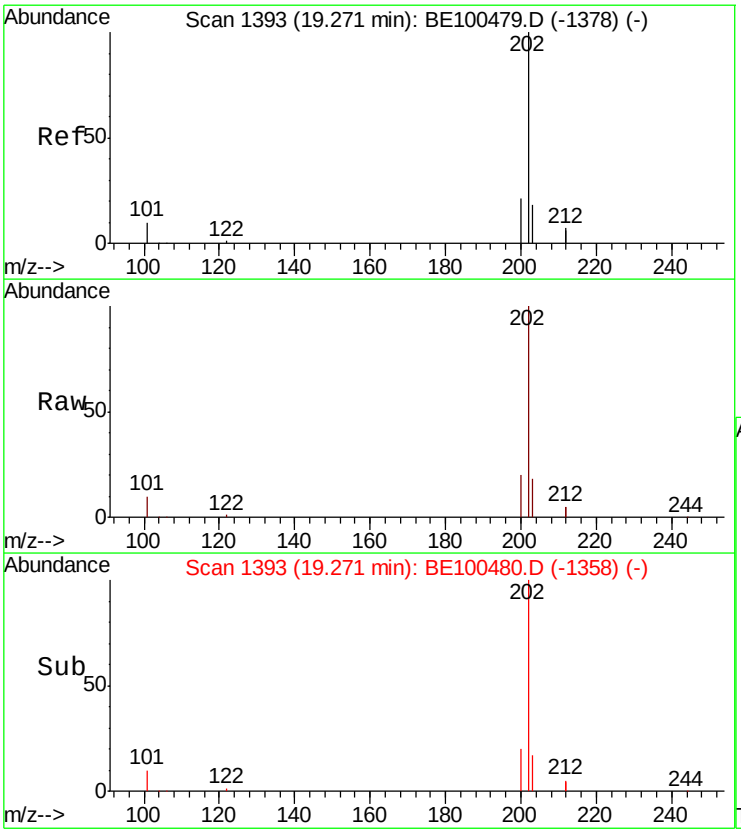
#25
Fluoranthene-d10
Concen: 0.742 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 250756

Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.4
104	1.5	1.2	1.8

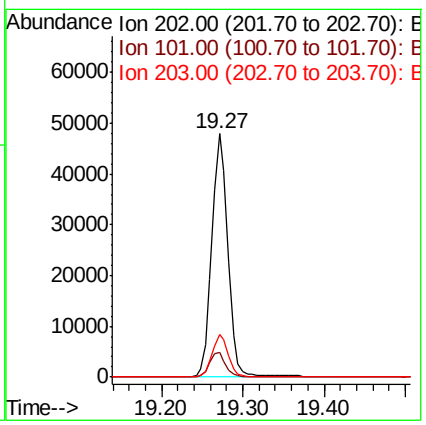


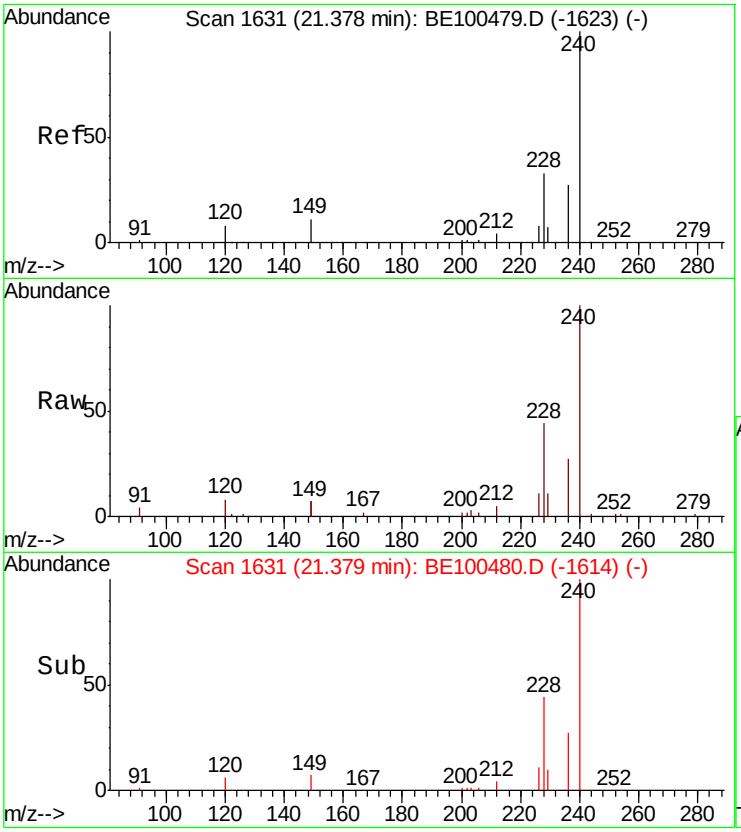


#26
Fluoranthene
Concen: 0.736 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:202 Resp: 65300

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
203	17.2	13.5	20.3



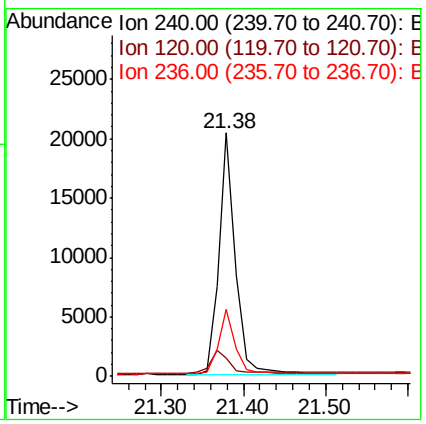


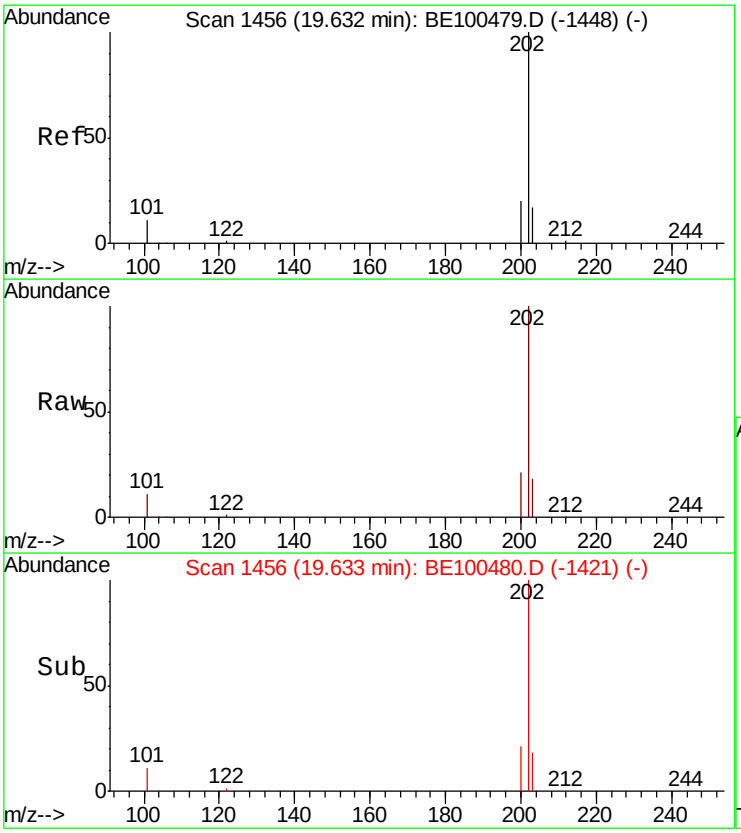
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 28524

Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	27.3	22.6	34.0

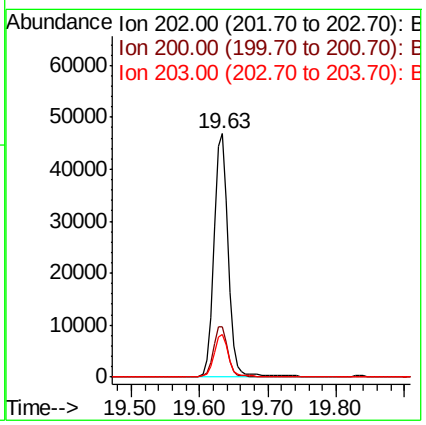


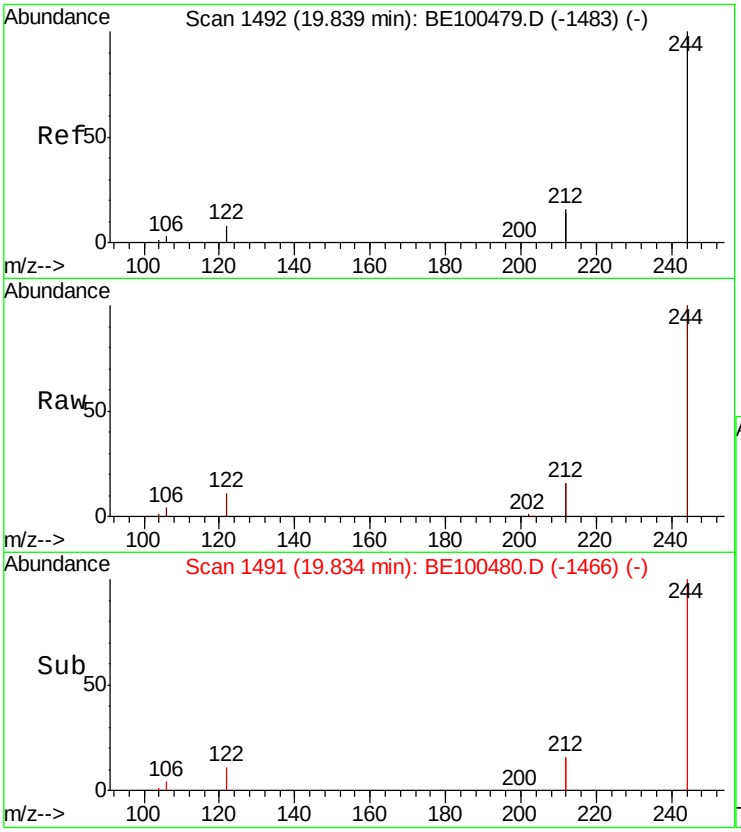


#28
Pyrene
Concen: 0.814 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:202 Resp: 68262

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.4	14.1	21.1



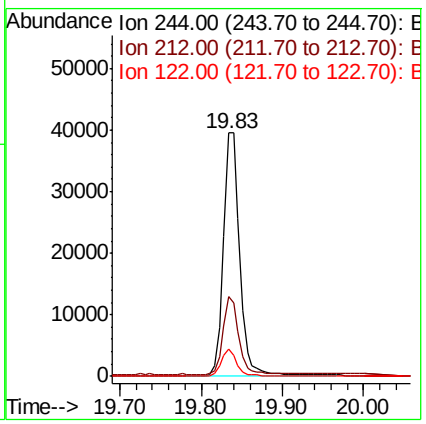


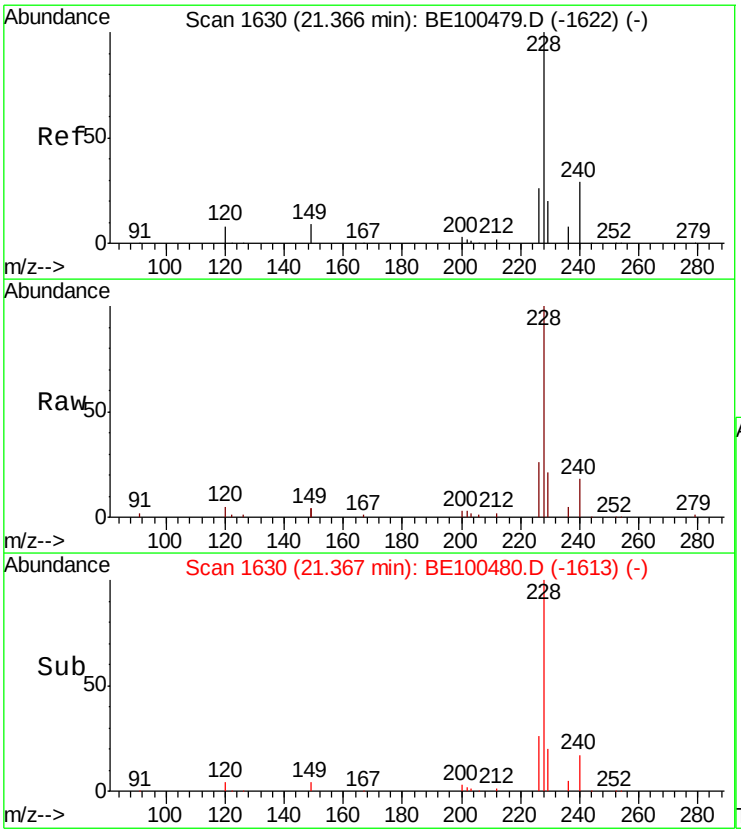
#29
Terphenyl-d14
Concen: 0.833 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 54764

Ion	Ratio	Lower	Upper
244	100		
212	32.6	25.6	38.4
122	11.2	7.2	10.8#

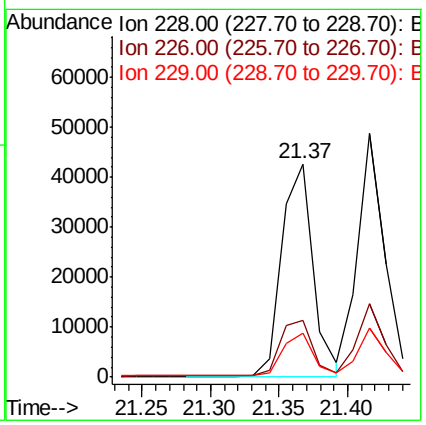


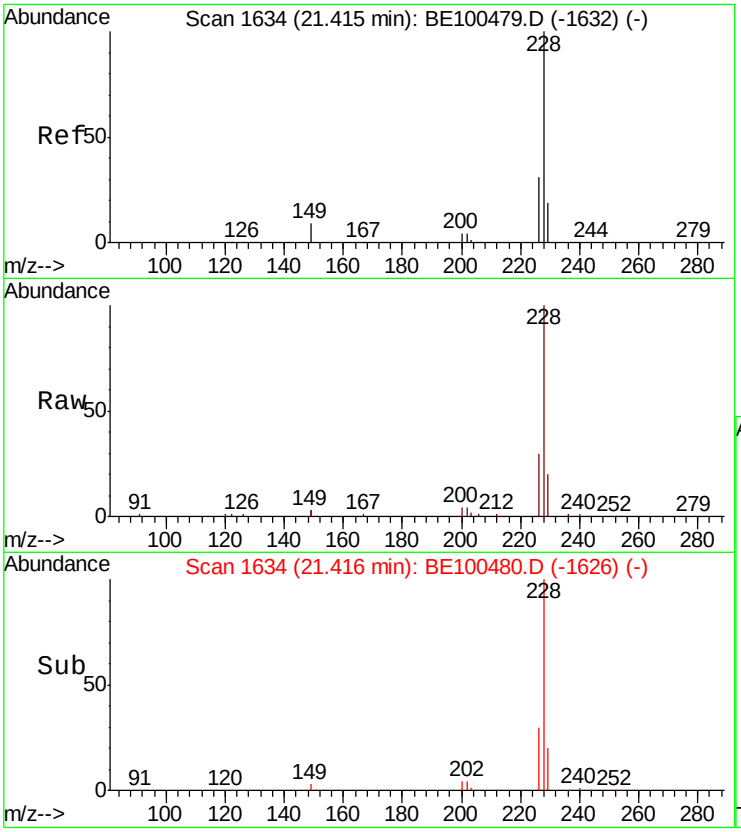


#30
Benzo(a)anthracene
Concen: 0.769 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:228 Resp: 66886

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.4	32.2
229	20.8	17.3	25.9



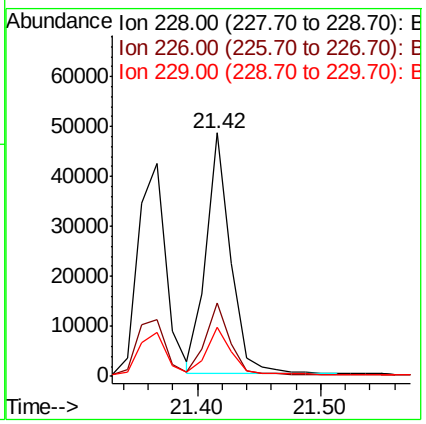


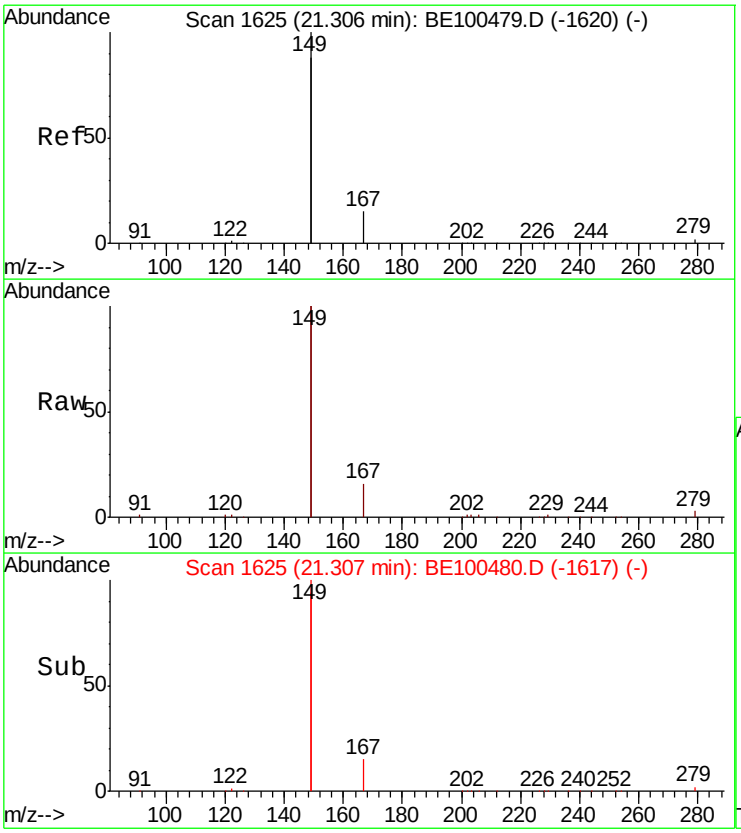
#31
Chrysene
Concen: 0.768 ng
RT: 21.42 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 66632

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.1	16.7	25.1

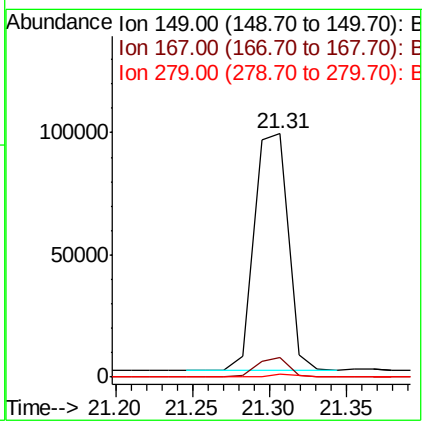


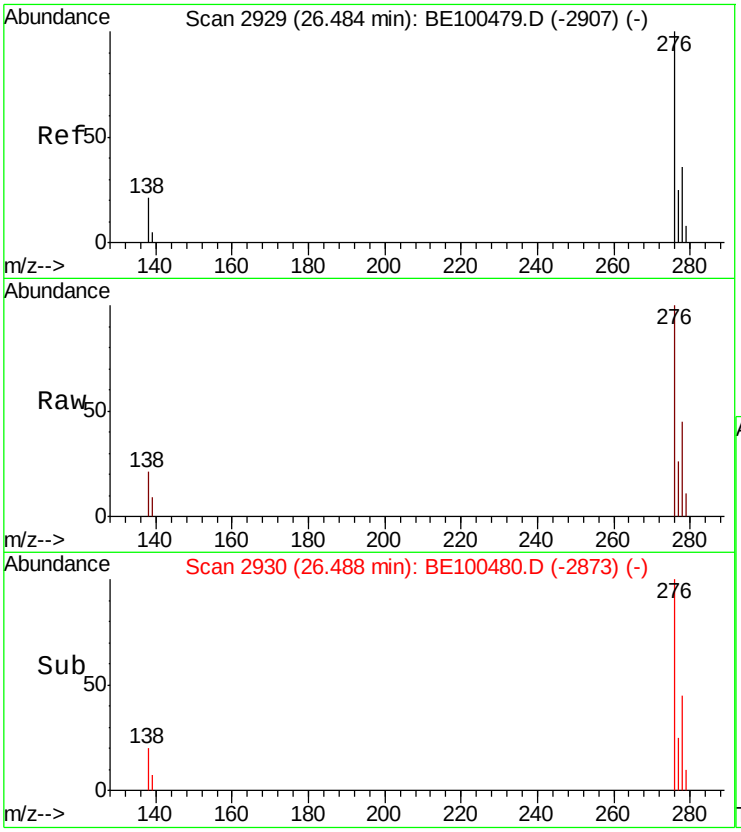


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.770 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:149 Resp: 148700

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.9	8.9
279	1.0	1.0	1.6#



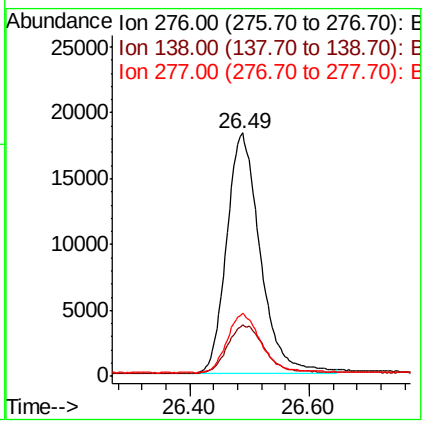


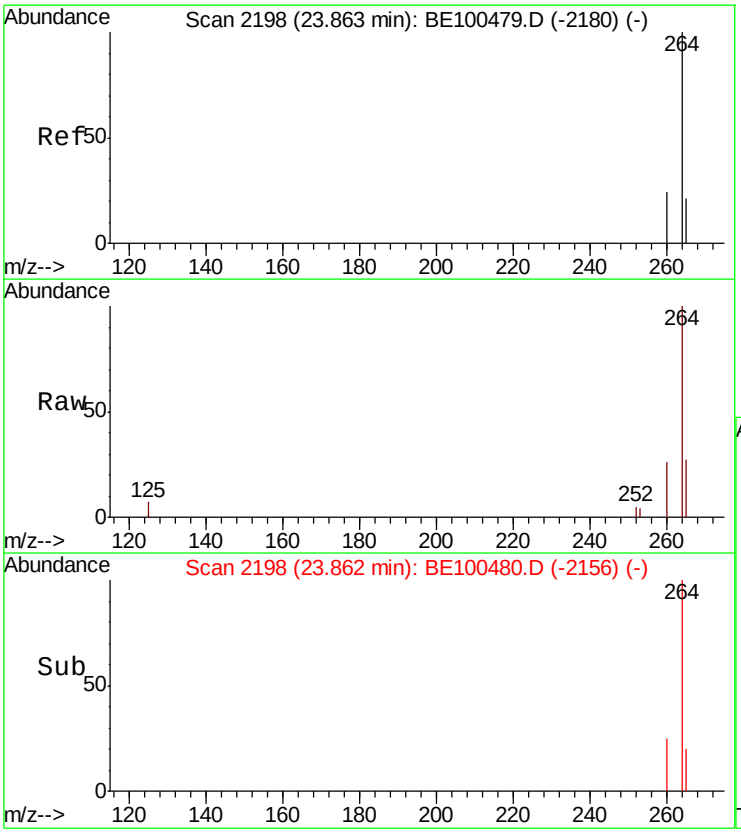
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.762 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 71440

Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.6	25.0
277	25.0	19.1	28.7

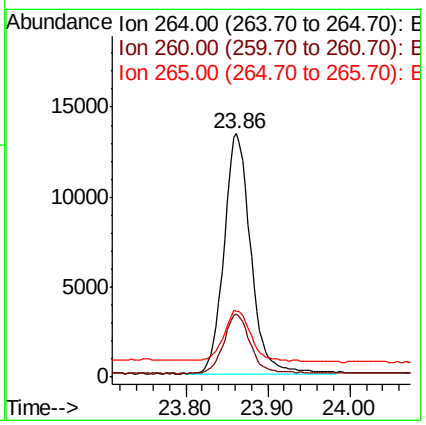


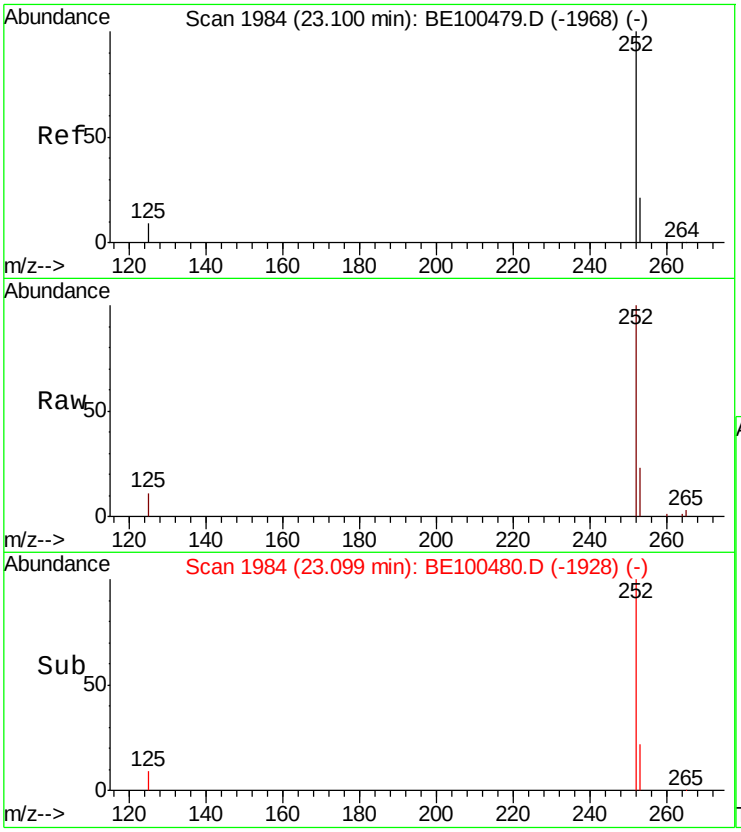


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:264 Resp: 30274

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	27.1	23.4	35.2



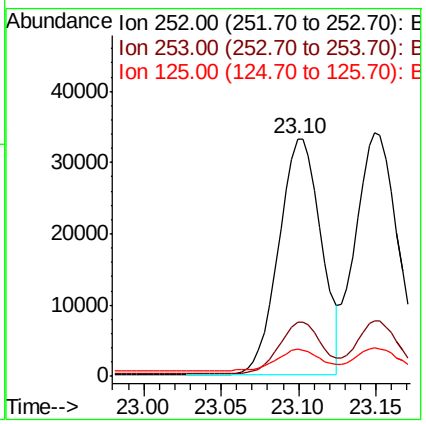


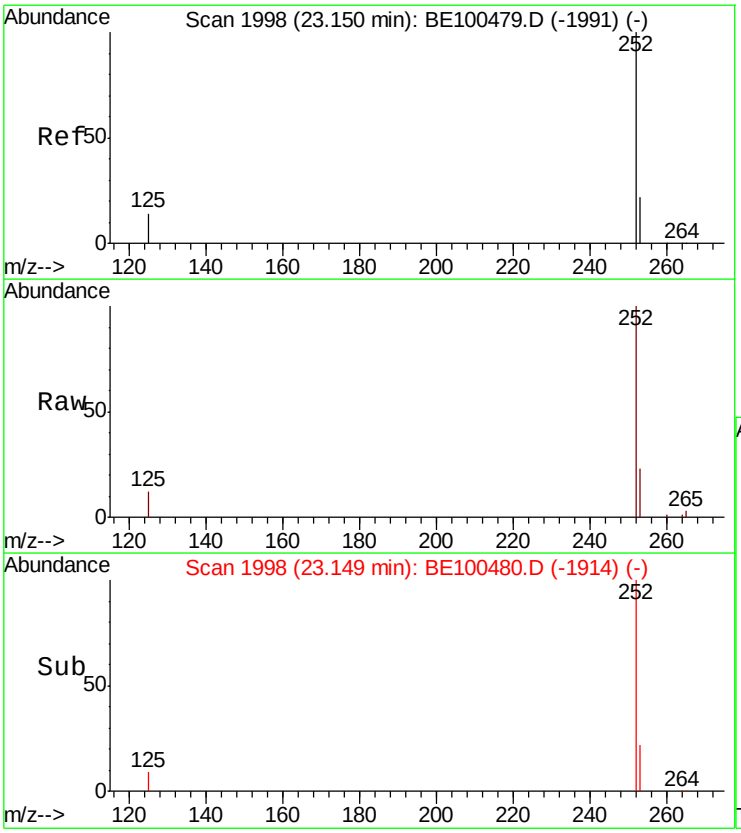
#35
Benzo(b)fluoranthene
Concen: 0.751 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 62791

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.2	28.8
125	11.3	11.9	17.9#

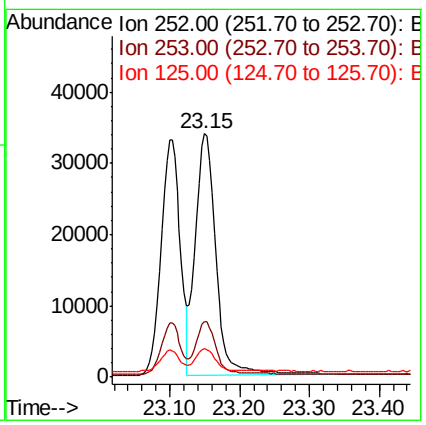


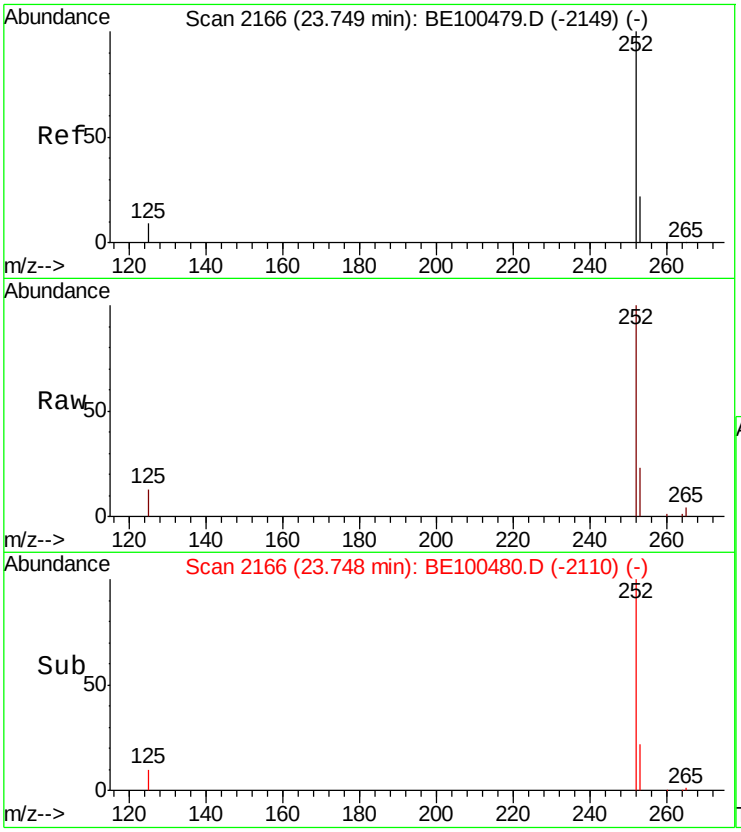


#36
Benzo(k)fluoranthene
Concen: 0.769 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:252 Resp: 68382

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.7	29.5
125	11.7	15.2	22.8#



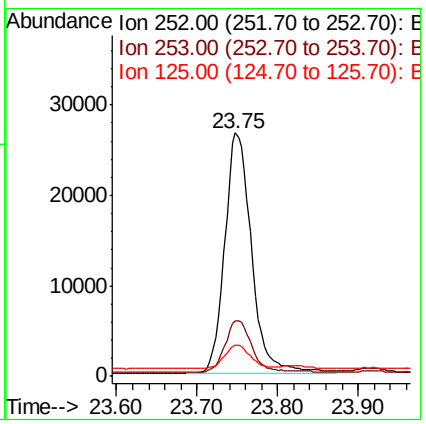


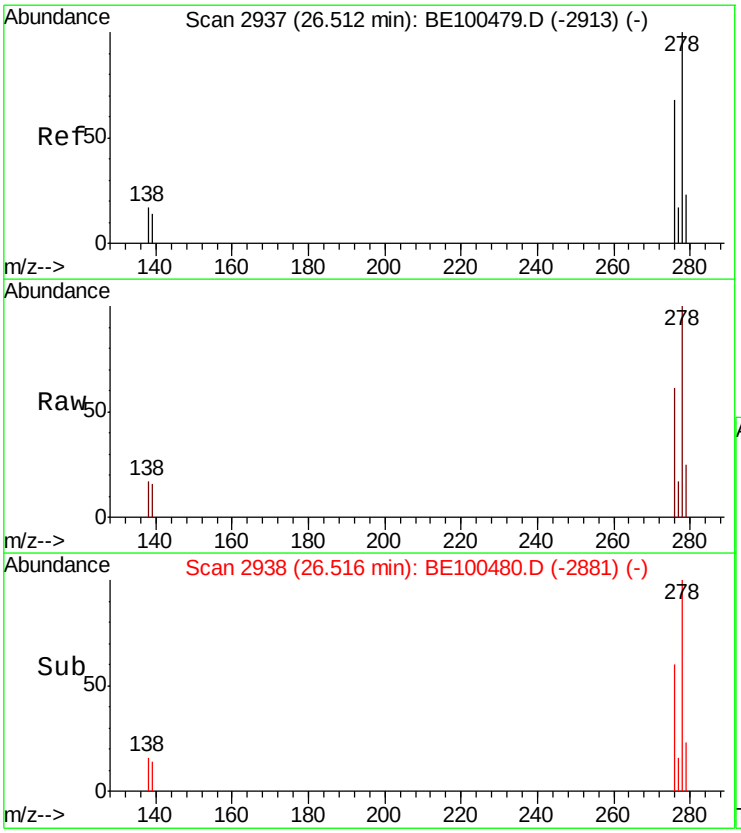
#37
Benzo(a)pyrene
Concen: 0.765 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 61704

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.0	30.0
125	12.6	14.1	21.1#

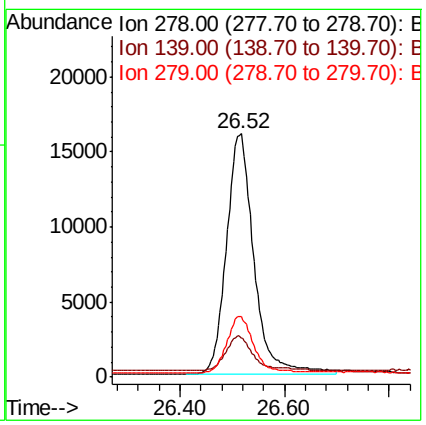


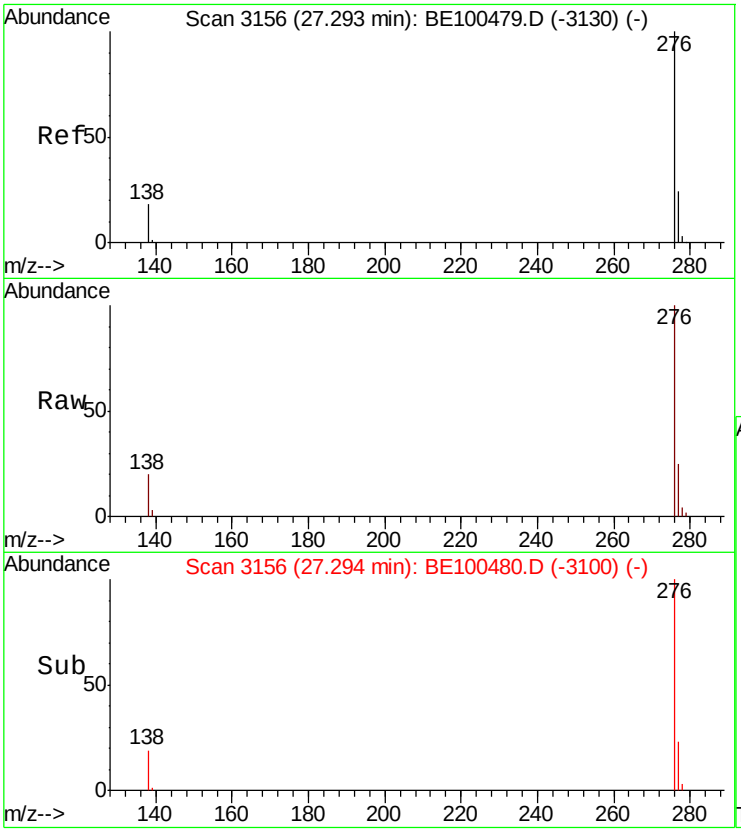


#38
Dibenzo(a,h)anthracene
Concen: 0.777 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:278 Resp: 59082

Ion	Ratio	Lower	Upper
278	100		
139	16.1	16.8	25.2#
279	24.9	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.761 ng
RT: 27.29 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 59537

Ion	Ratio	Lower	Upper
276	100		
277	24.8	22.0	33.0
138	20.1	17.3	25.9