Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100478.D
Acq On : 22 Jul 2019 13:13
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 22 15:51:35 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	7.88	152	2453	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	10301	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	6773	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	18059	0.40	ng		0.00
27) Chrysene-d12	21.38	240	21370	0.40	ng		0.00
34) Perylene-d12	23.86	264	23016	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.46	112	1210	0.20	ng		0.00
5) Phenol-d6	7.03	99	1698	0.20	ng		0.00
8) Nitrobenzene-d5	9.02	82	1640	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	3426	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	529	0.19	ng		0.00
15) 2-Fluorobiphenyl	13.13	172	5640	0.20	ng		0.00
25) Fluoranthene-d10	19.24	212	48720	0.19	ng		0.00
29) Terphenyl-d14	19.84	244	10670	0.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	872	0.231	ng		95
3) n-Nitrosodimethylamine	3.69	42	409	0.188	ng	#	93
6) bis(2-Chloroethyl)ether	7.30	93	1447	0.195	ng	#	97
9) Naphthalene	10.71	128	19793	0.201	ng		99
10) Hexachlorobutadiene	11.00	225	967	0.205	ng		99
12) 2-Methylnaphthalene	12.32	142	3471	0.202	ng		98
16) Acenaphthylene	14.23	152	5970	0.192	ng		100
17) Acenaphthene	14.56	154	3610	0.191	ng		98
18) Fluorene	15.53	166	4899	0.195	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	1654	0.198	ng		97
21) Hexachlorobenzene	16.55	284	1730	0.199	ng		99
22) Pentachlorophenol	16.88	266	533	0.152	ng		94
23) Phenanthrene	17.26	178	8648	0.194	ng		99
24) Anthracene	17.35	178	7935	0.190	ng		100
26) Fluoranthene	19.27	202	12527	0.189	ng		99
28) Pyrene	19.63	202	13455	0.214	ng		99
30) Benzo(a)anthracene	21.37	228	12914	0.198	ng		96
31) Chrysene	21.41	228	12996	0.200	ng		97
32) Bis(2-ethylhexyl)phthalate	21.31	149	31428	0.217	ng		99
33) Indeno(1,2,3-cd)pyrene	26.49	276	13893	0.198	ng		99
35) Benzo(b)fluoranthene	23.10	252	12439	0.196	ng	#	88
36) Benzo(k)fluoranthene	23.15	252	13079	0.194	ng	#	88
37) Benzo(a)pyrene	23.76	252	12460	0.203	ng	#	85
38) Dibenzo(a,h)anthracene	26.52	278	10845	0.188	ng	#	88
39) Benzo(g,h,i)perylene	27.30	276	11685	0.196	ng	#	90

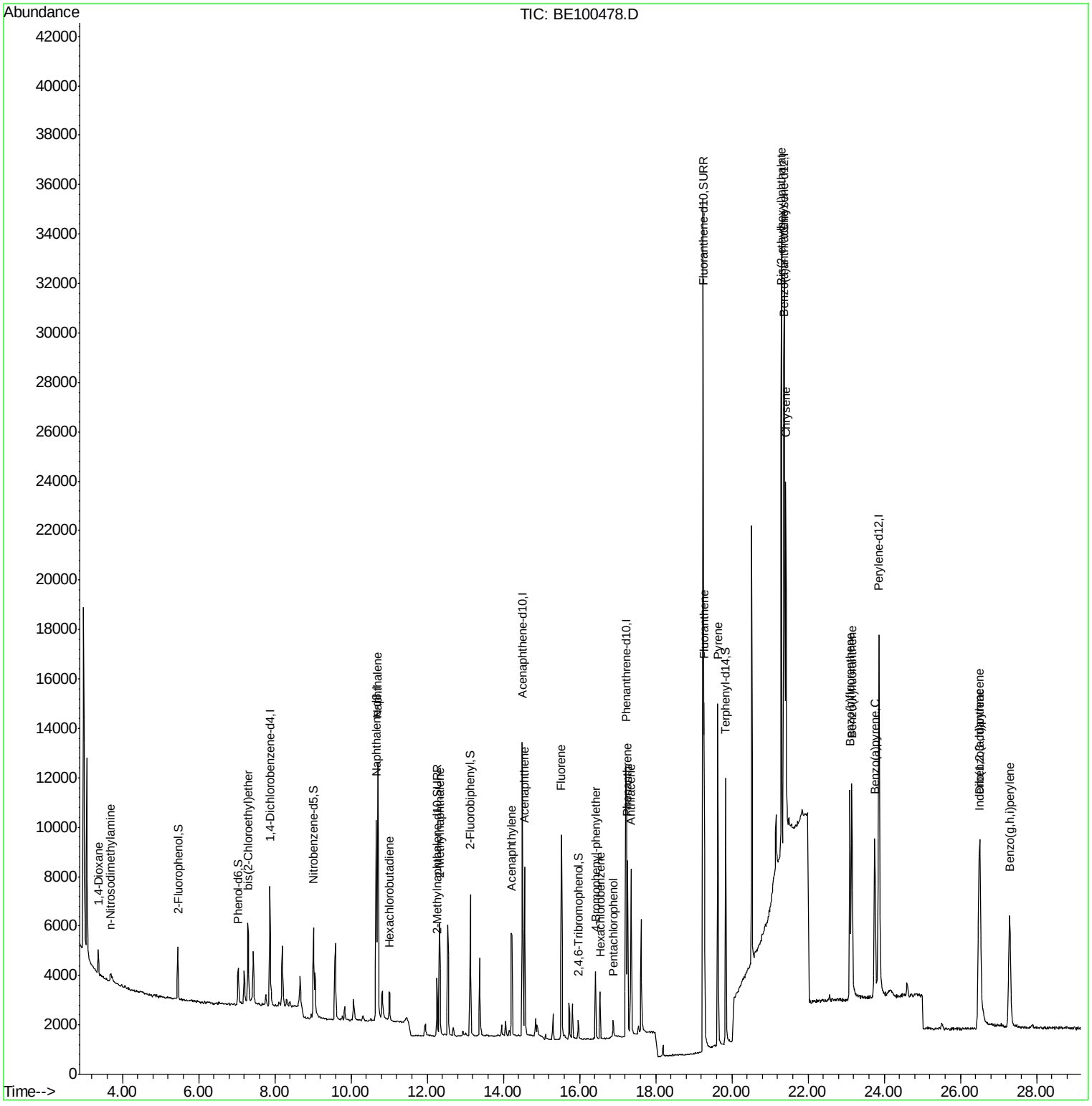
(#) = qualifier out of range (m) = manual integration (+) = signals summed

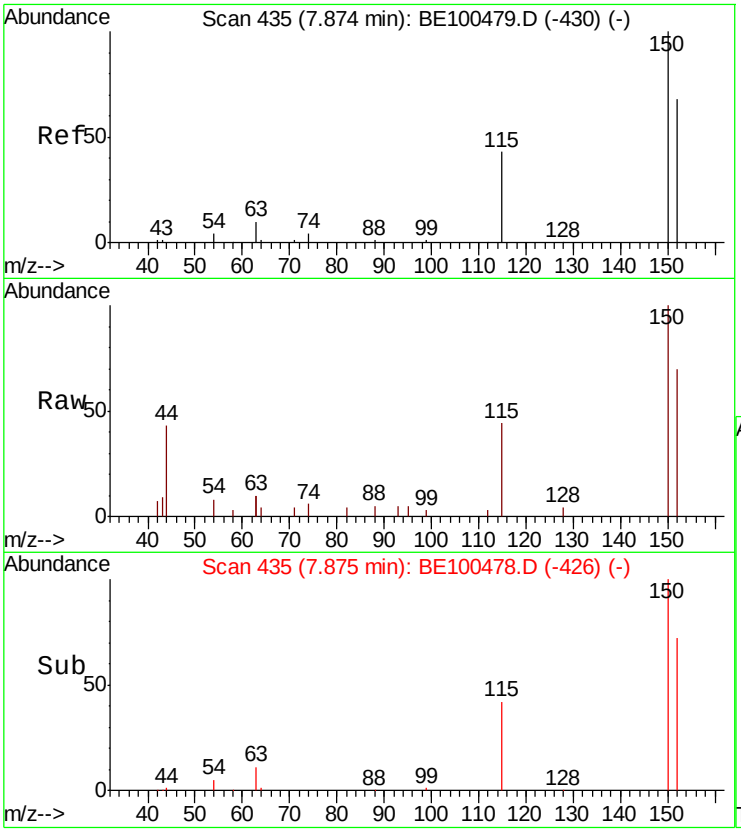
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
Data File : BE100478.D
Acq On : 22 Jul 2019 13:13
Operator : HP/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 22 15:51:35 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



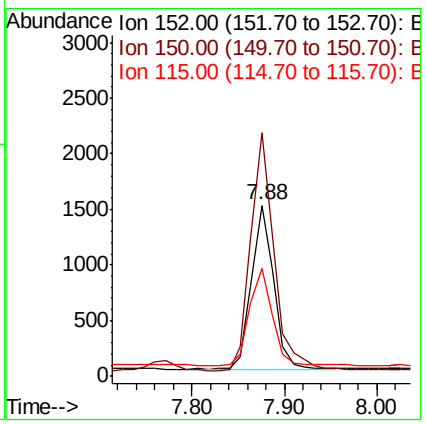


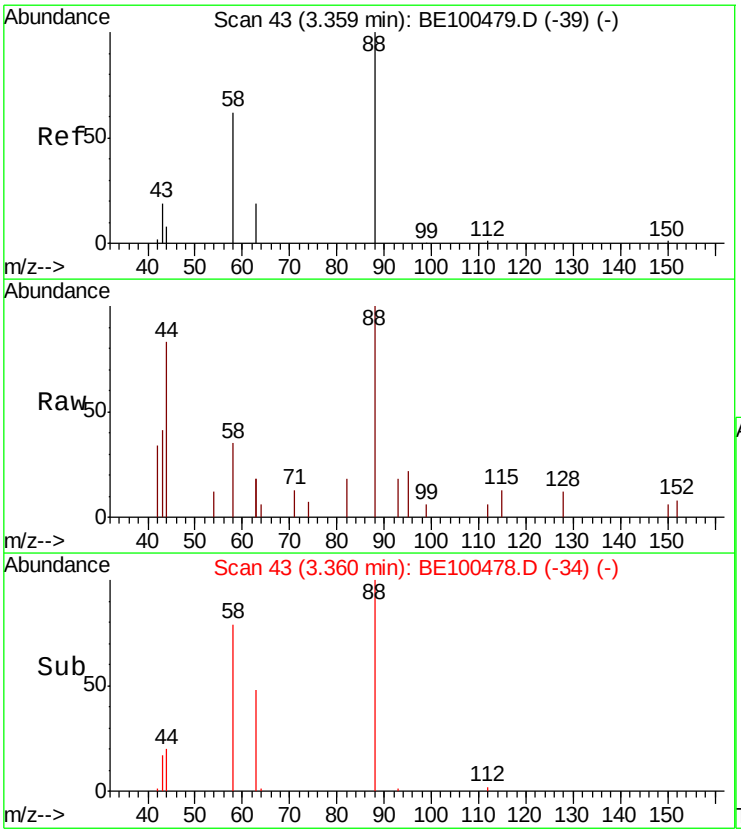
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2453

Ion	Ratio	Lower	Upper
152	100		
150	142.3	115.0	172.6
115	63.2	52.9	79.3

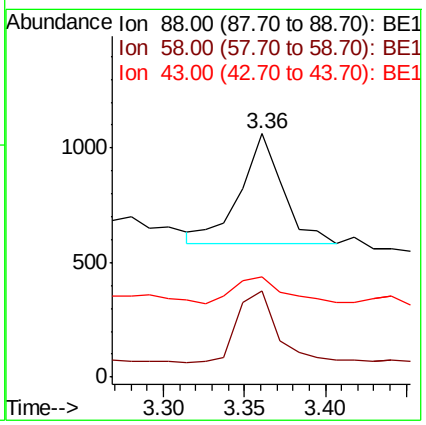


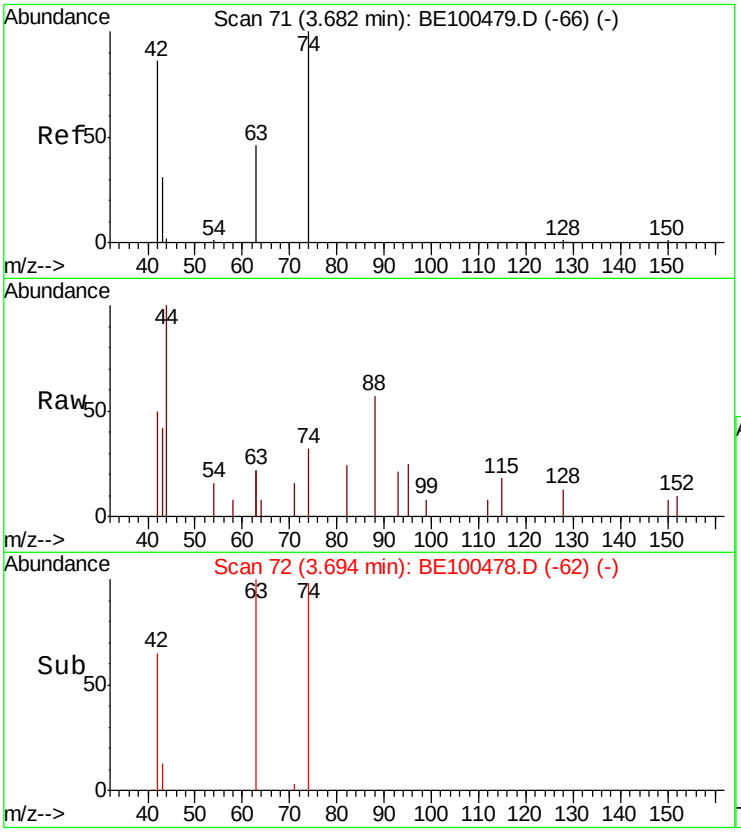


#2
1,4-Dioxane
Concen: 0.231 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion: 88 Resp: 872

Ion	Ratio	Lower	Upper
88	100		
58	61.7	53.2	79.8
43	26.8	20.8	31.2



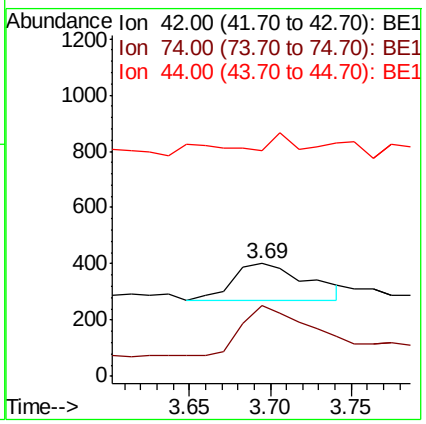


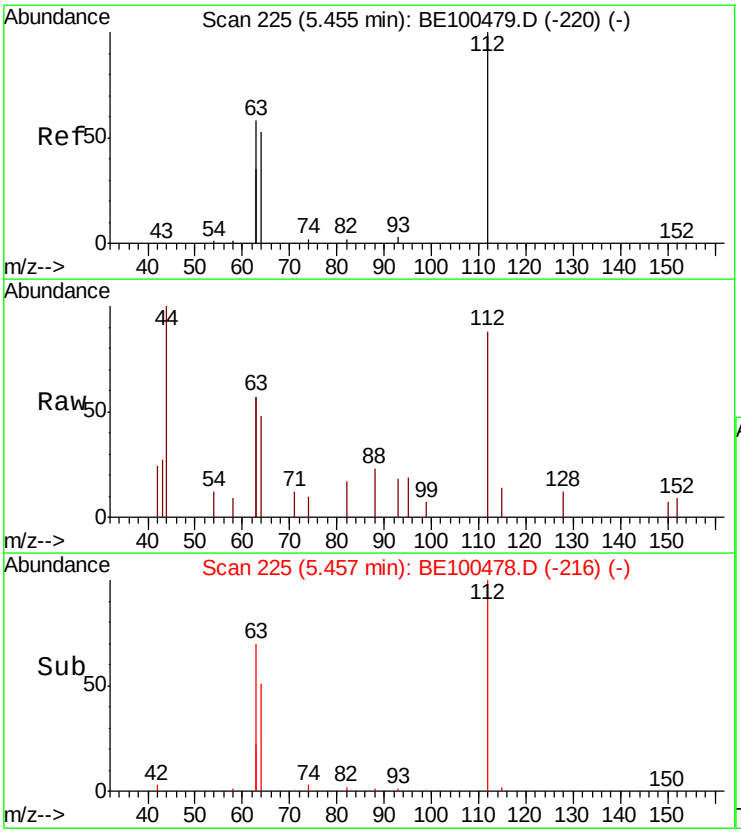
#3
n-Nitrosodimethylamine
Concen: 0.188 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 409

Ion	Ratio	Lower	Upper
42	100		
74	135.7	0.0	0.0#
44	14.7	9.6	14.4#

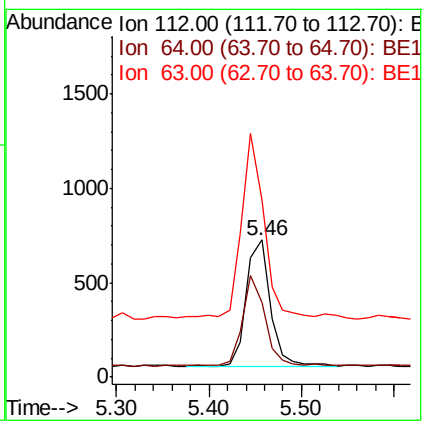


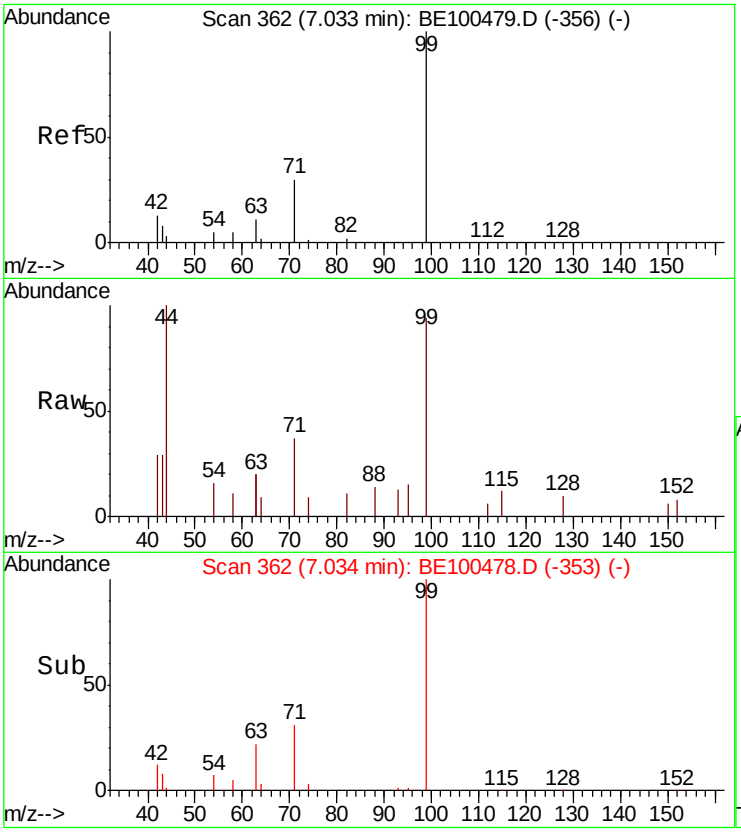


#4
2-Fluorophenol
Concen: 0.198 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:112 Resp: 1210

Ion	Ratio	Lower	Upper
112	100		
64	69.1	54.1	81.1
63	132.2	104.6	157.0



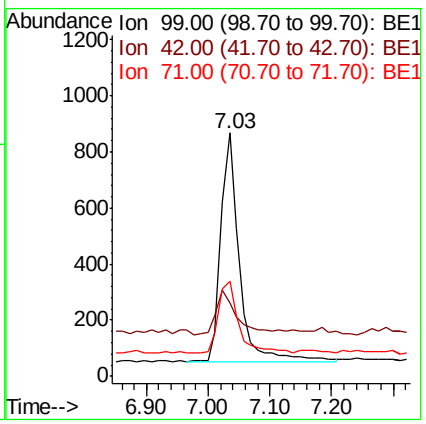


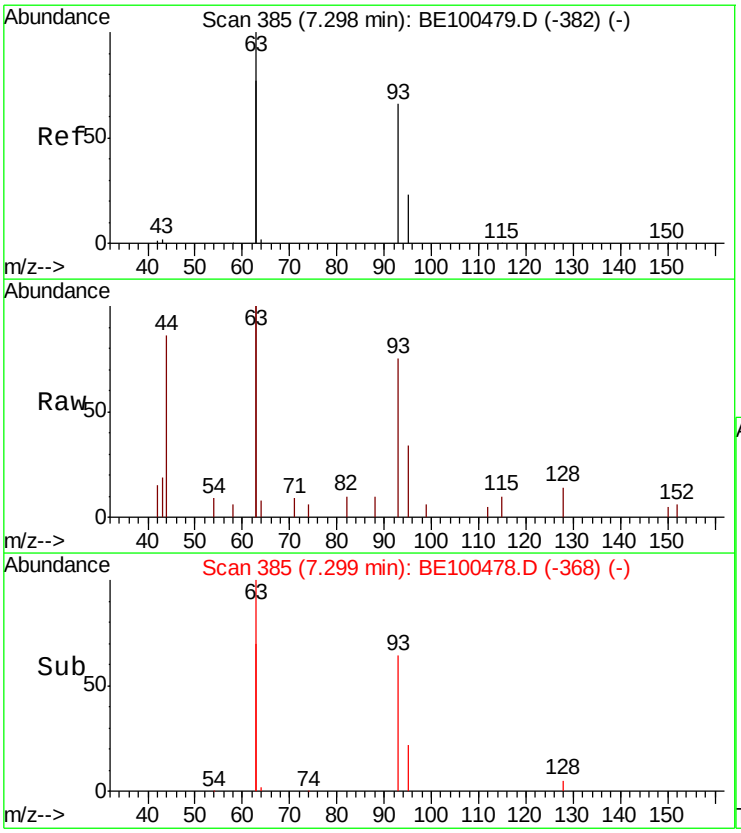
#5
Phenol-d6
Concen: 0.198 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 1698

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	33.3	26.4	39.6

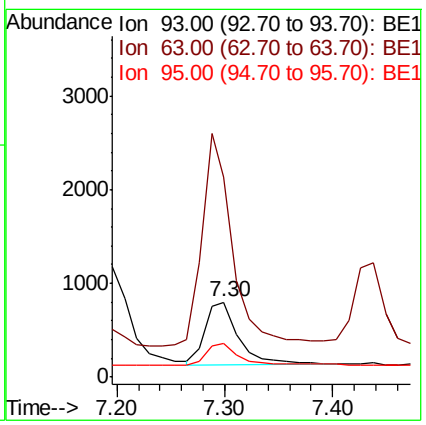


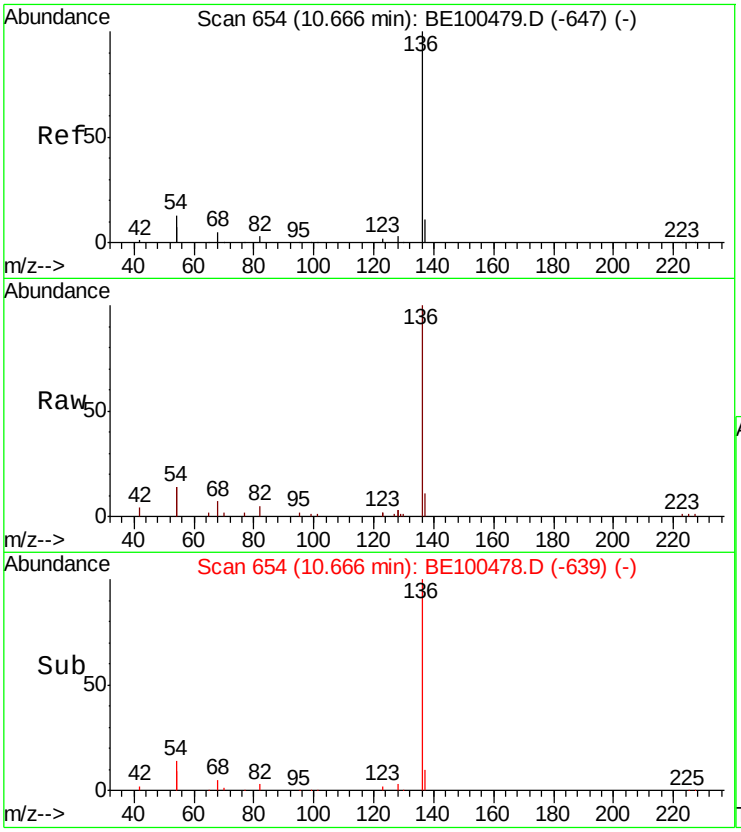


#6
bis(2-Chloroethyl)ether
Concen: 0.195 ng
RT: 7.30 min Scan# 385
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion: 93 Resp: 1447

Ion	Ratio	Lower	Upper
93	100		
63	313.8	248.3	372.5
95	38.3	25.4	38.0#



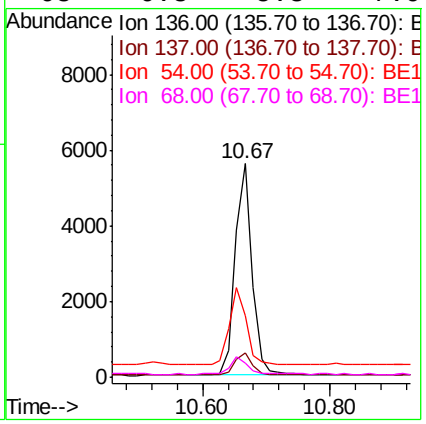


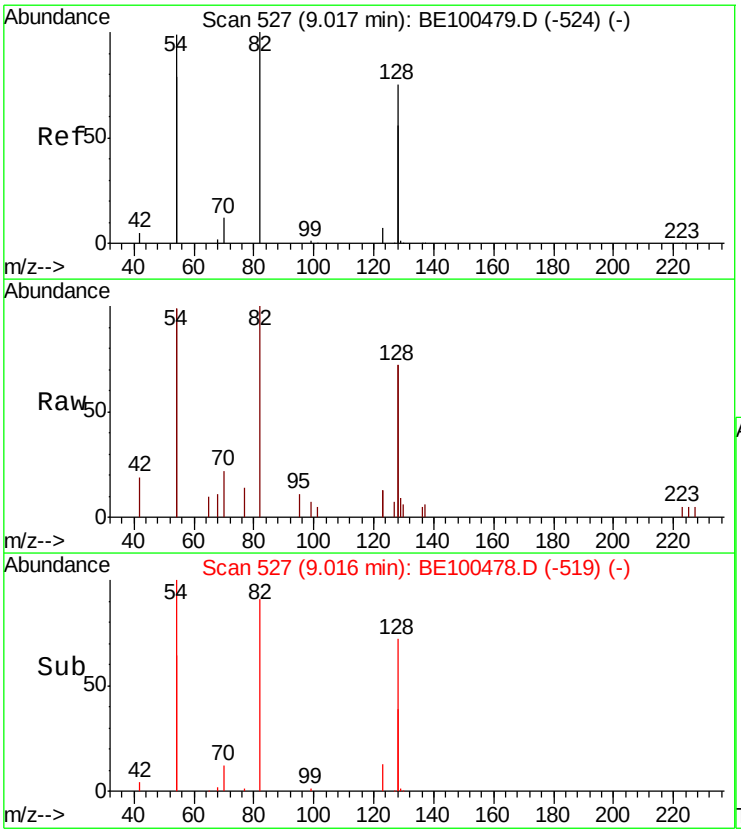
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 10301

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	28.6	20.6	31.0
68	6.8	5.3	7.9

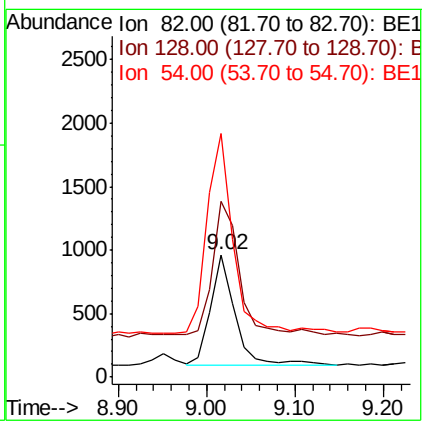


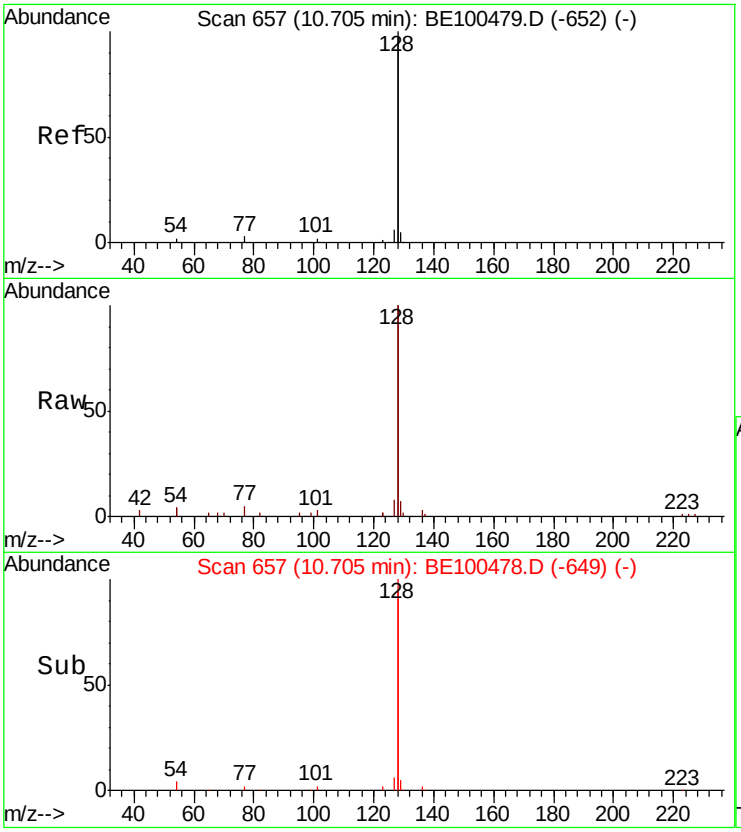


#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 9.02 min Scan# 527
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion: 82 Resp: 1640

Ion	Ratio	Lower	Upper
82	100		
128	143.2	113.6	170.4
54	199.0	150.6	226.0



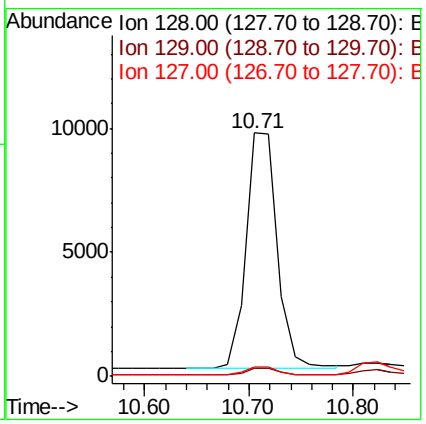


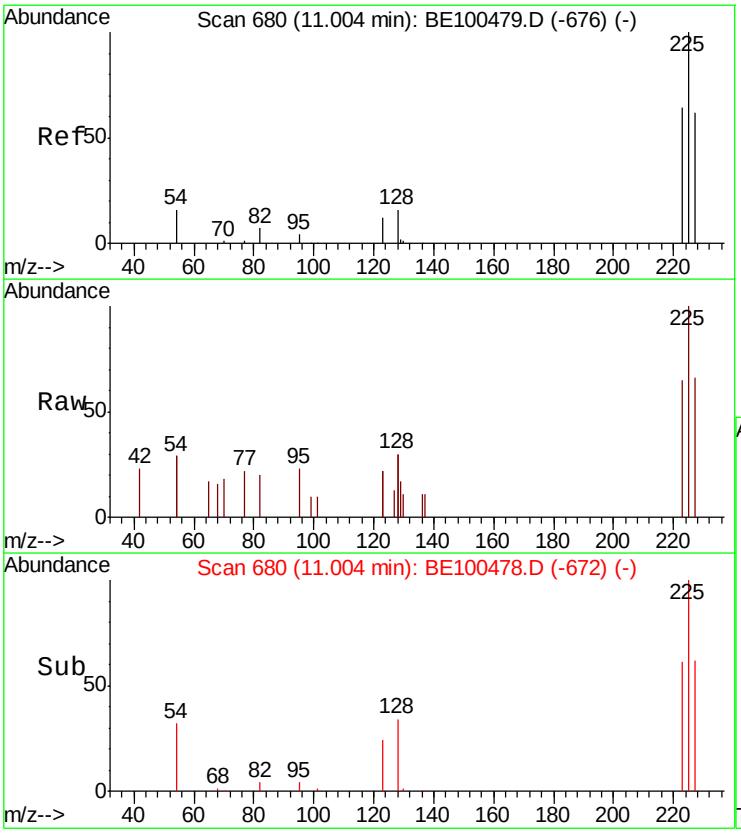
#9
Naphthalene
Concen: 0.201 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 19793

Ion	Ratio	Lower	Upper
128	100		
129	3.4	2.3	3.5
127	3.8	2.7	4.1

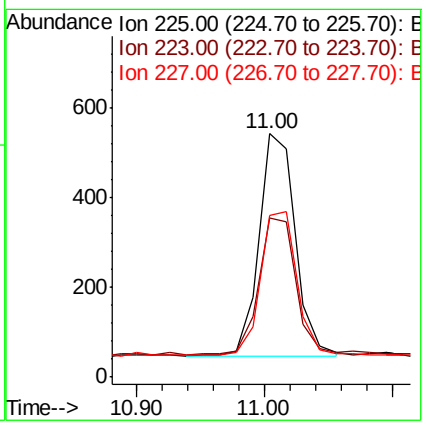


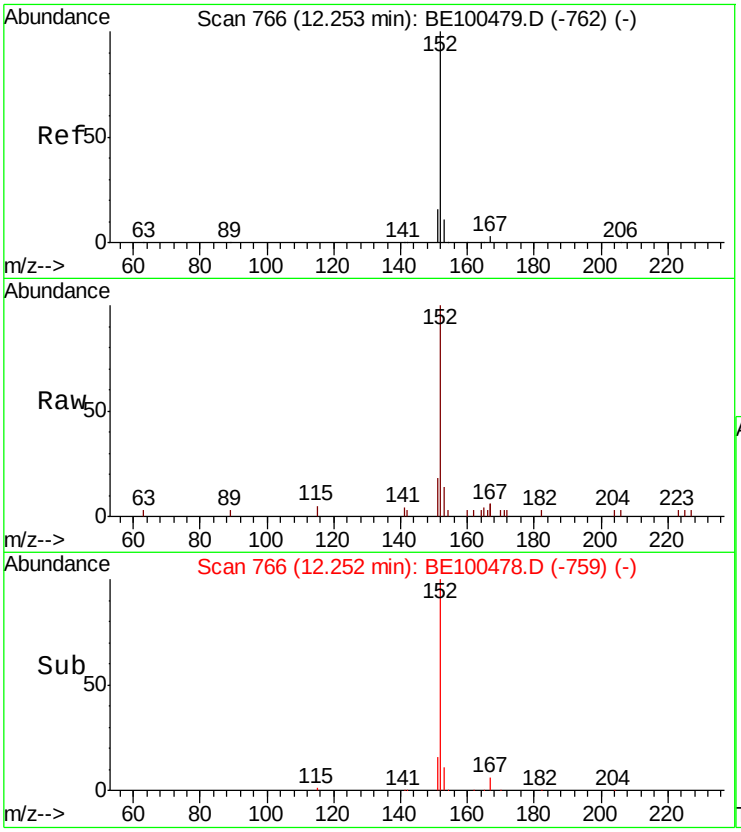


#10
Hexachlorobutadiene
Concen: 0.205 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:225 Resp: 967

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.0
227	64.7	51.4	77.2



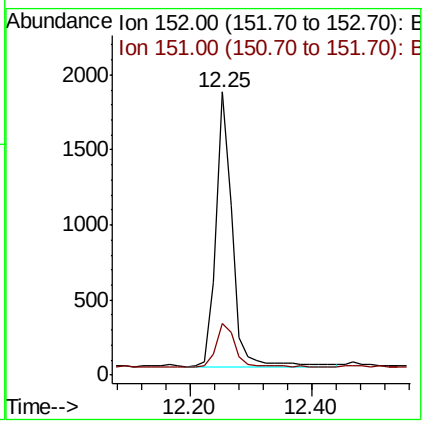


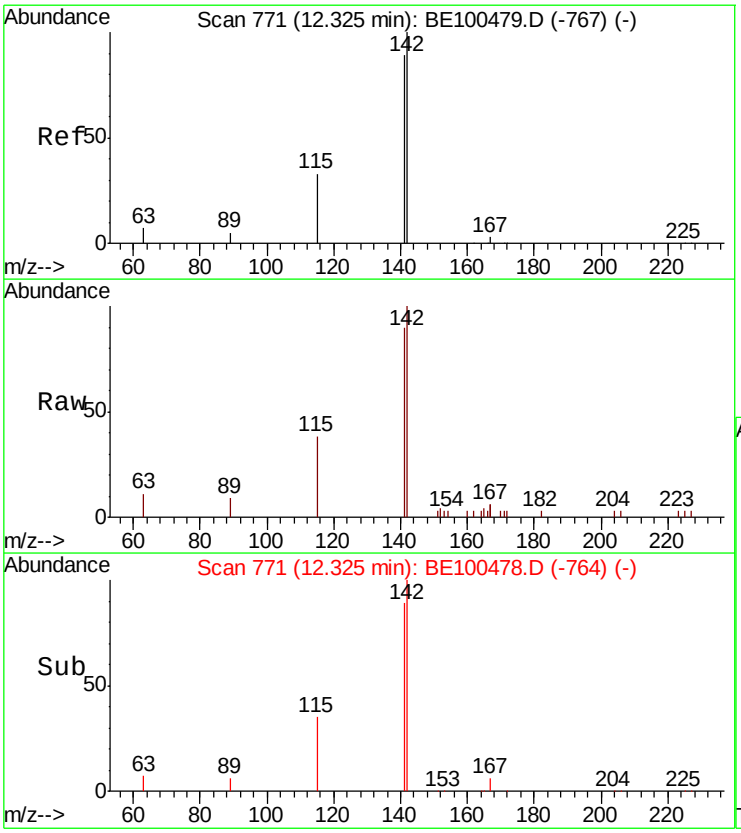
#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3426

Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.1	22.7

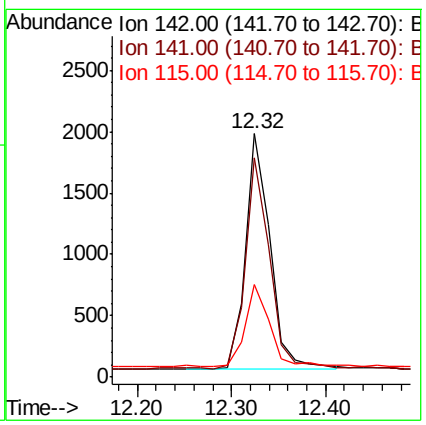


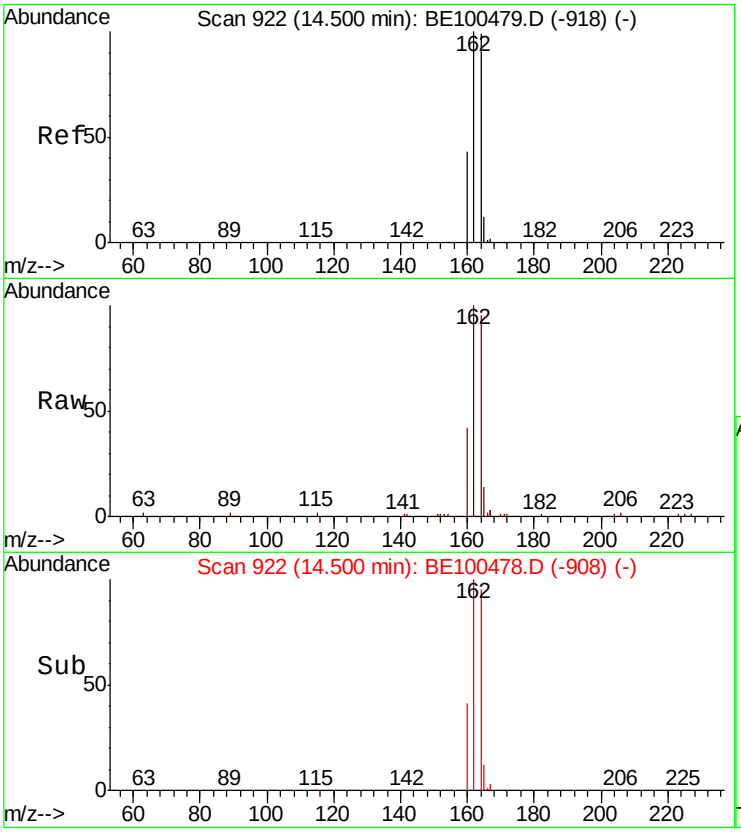


#12
2-Methylnaphthalene
Concen: 0.202 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:142 Resp: 3471

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.7	107.5
115	37.9	27.8	41.6



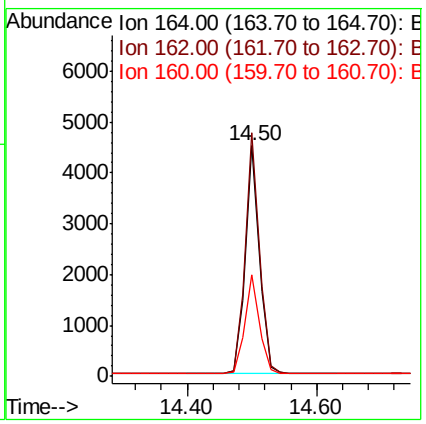


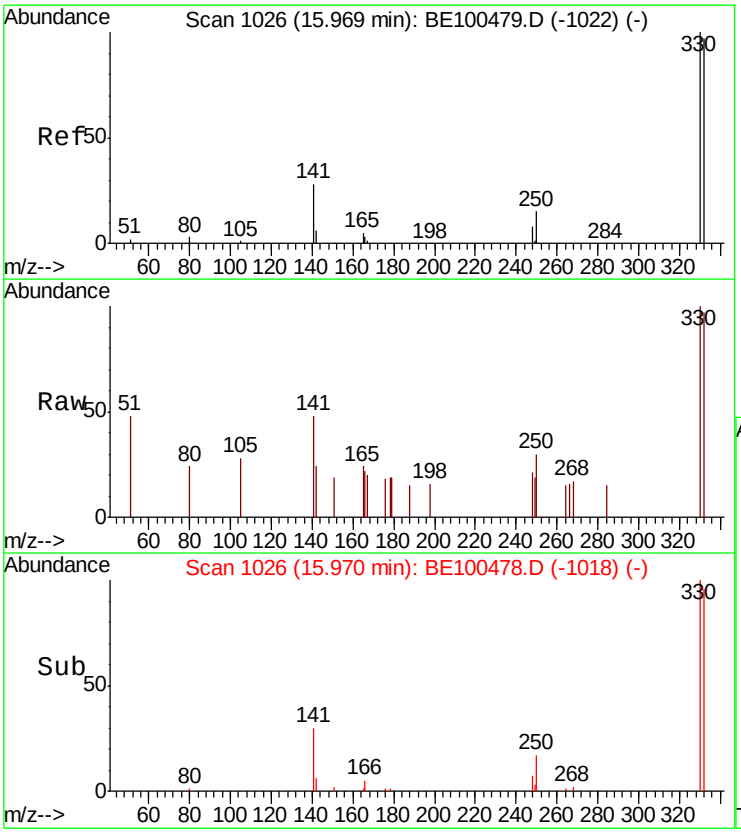
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 6773

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.8	121.2
160	44.1	34.9	52.3

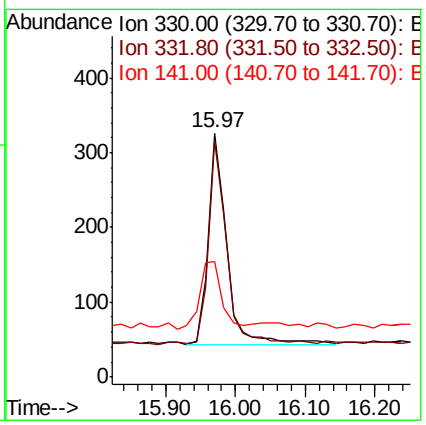


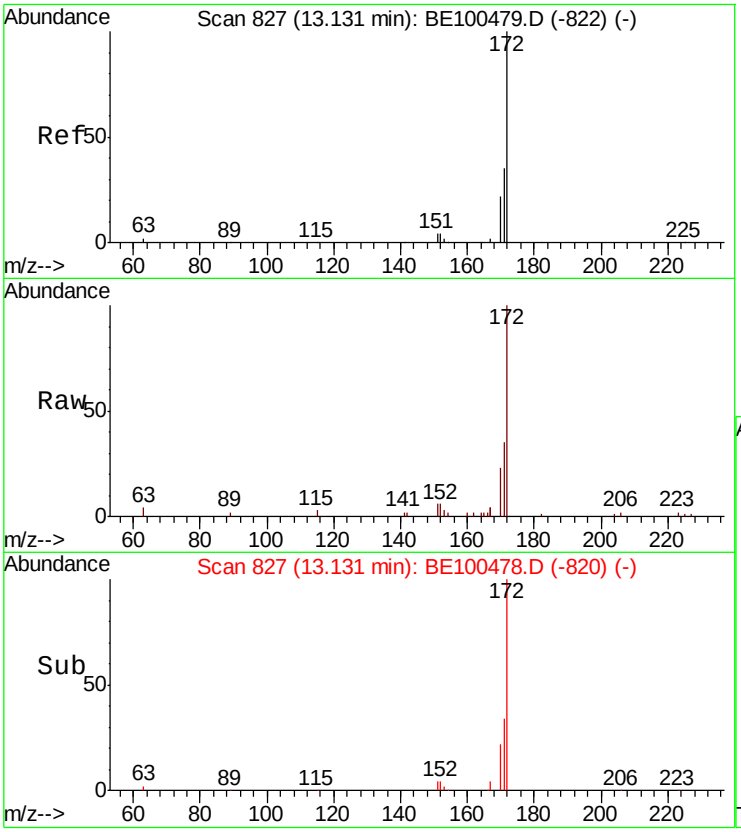


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:330 Resp: 529

Ion	Ratio	Lower	Upper
330	100		
332	94.0	80.5	120.7
141	38.9	29.9	44.9



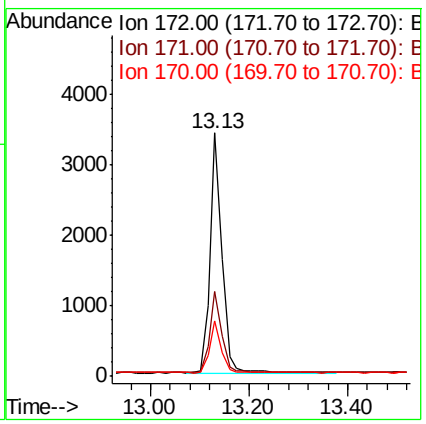


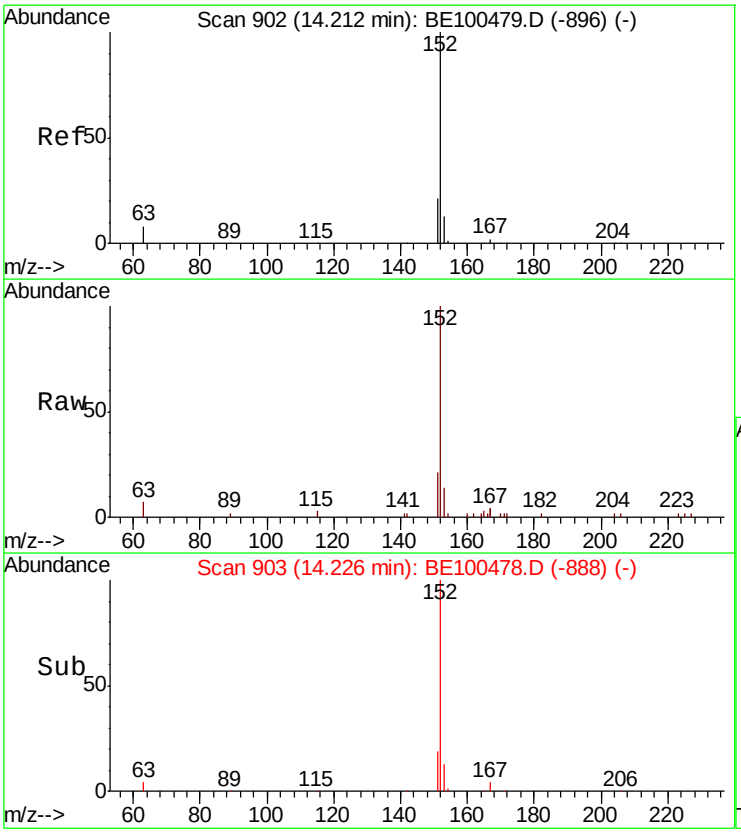
#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 5640

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	22.7	17.8	26.8

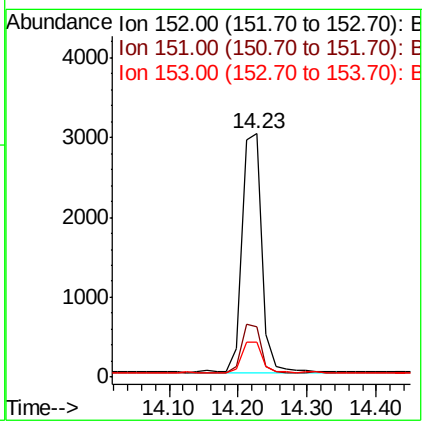


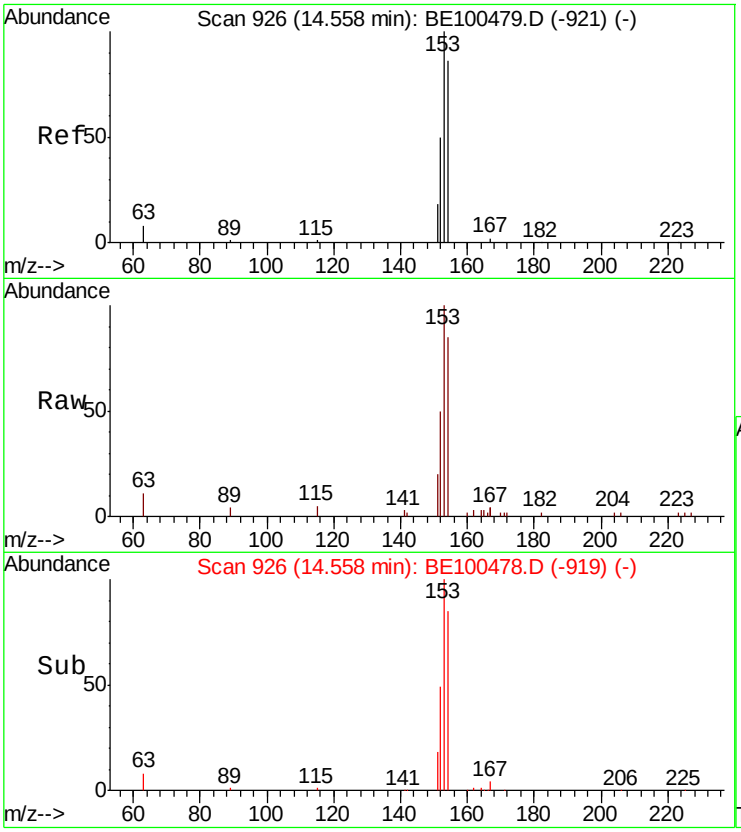


#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:152 Resp: 5970

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.9	10.6	16.0



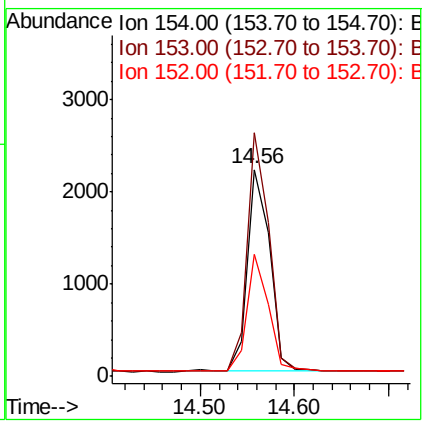


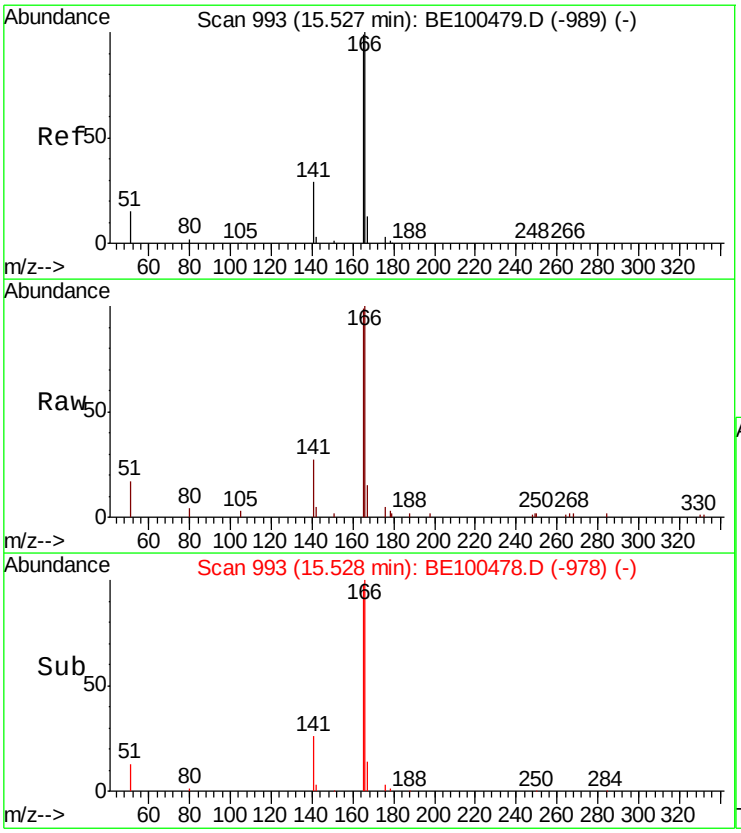
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 3610

Ion	Ratio	Lower	Upper
154	100		
153	115.7	90.8	136.2
152	55.0	45.1	67.7

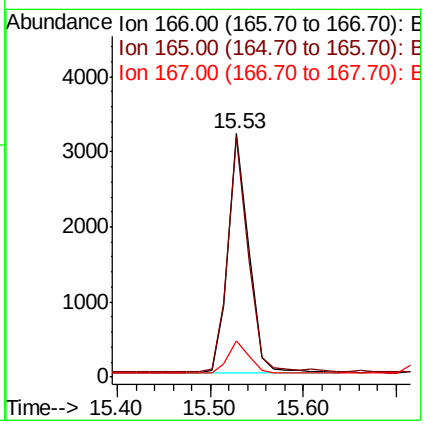


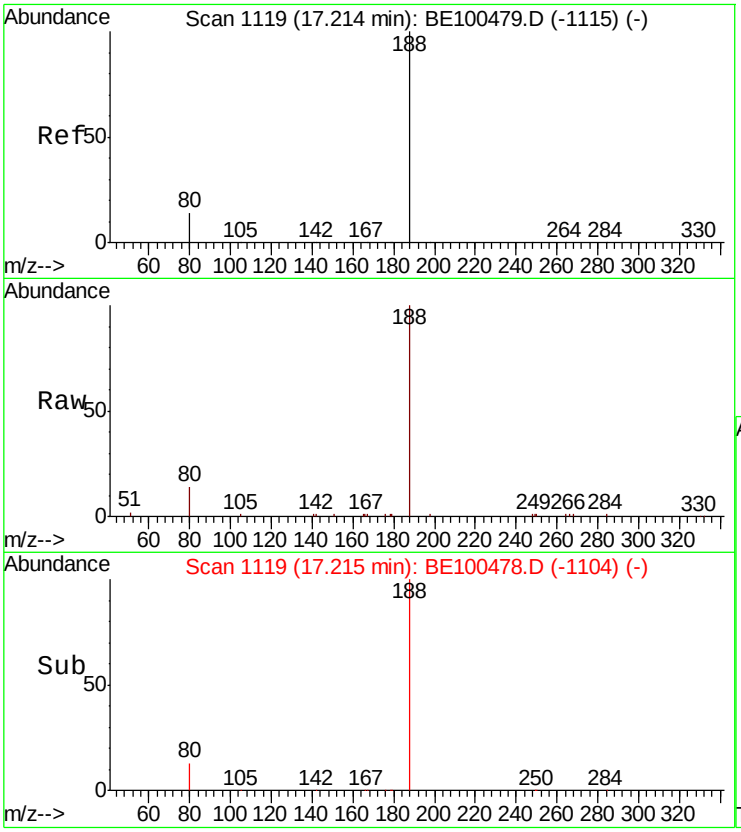


#18
Fluorene
Concen: 0.195 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:166 Resp: 4899

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.3	117.5
167	14.6	10.9	16.3



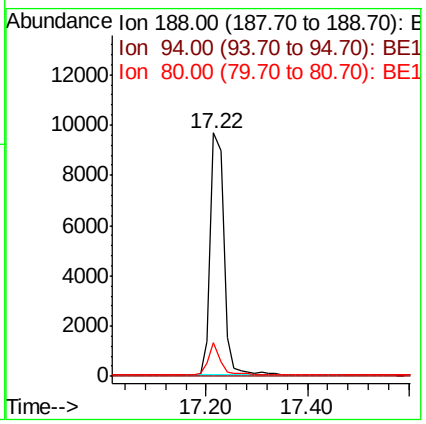


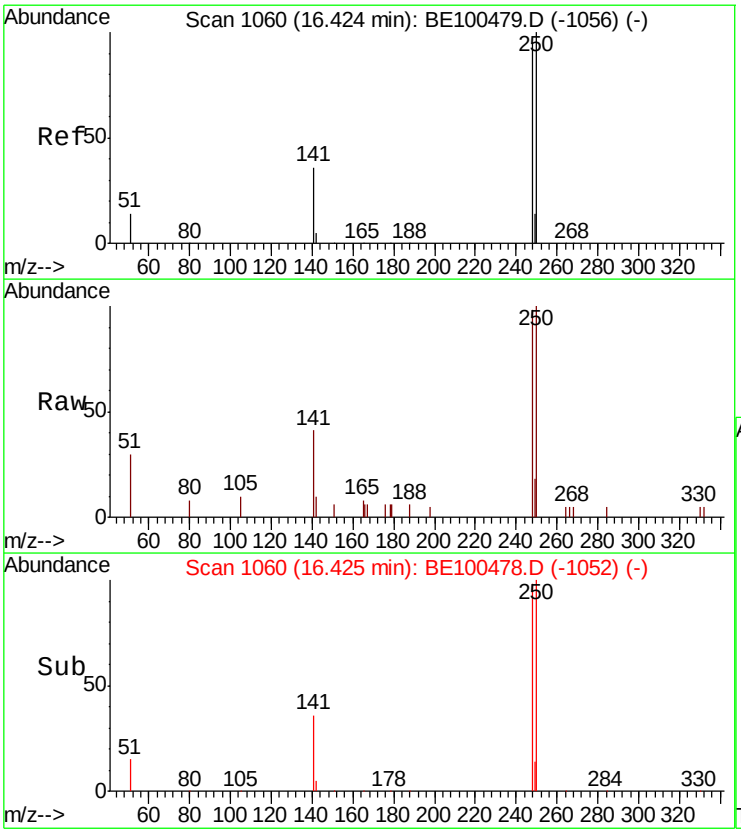
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 18059

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

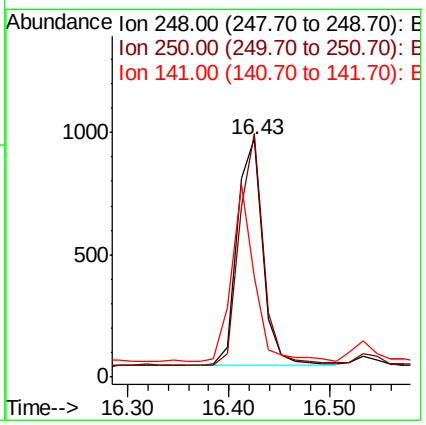


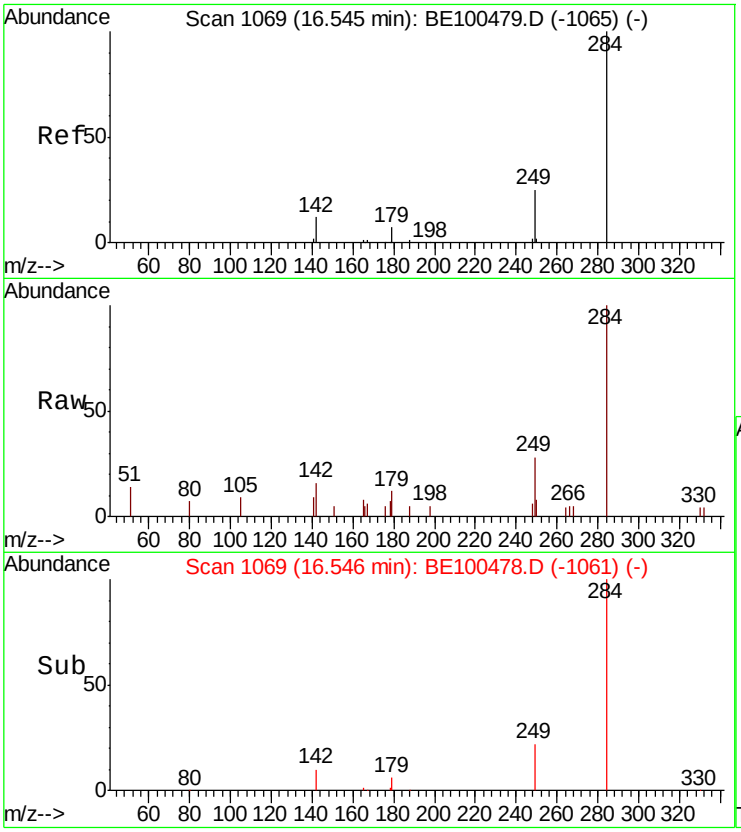


#20
4-Bromophenyl-phenylether
Concen: 0.198 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:248 Resp: 1654

Ion	Ratio	Lower	Upper
248	100		
250	102.3	84.4	126.6
141	41.9	32.2	48.2



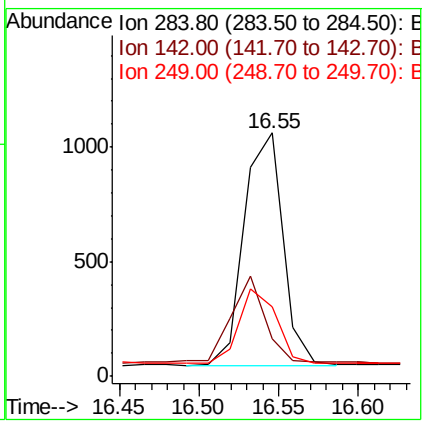


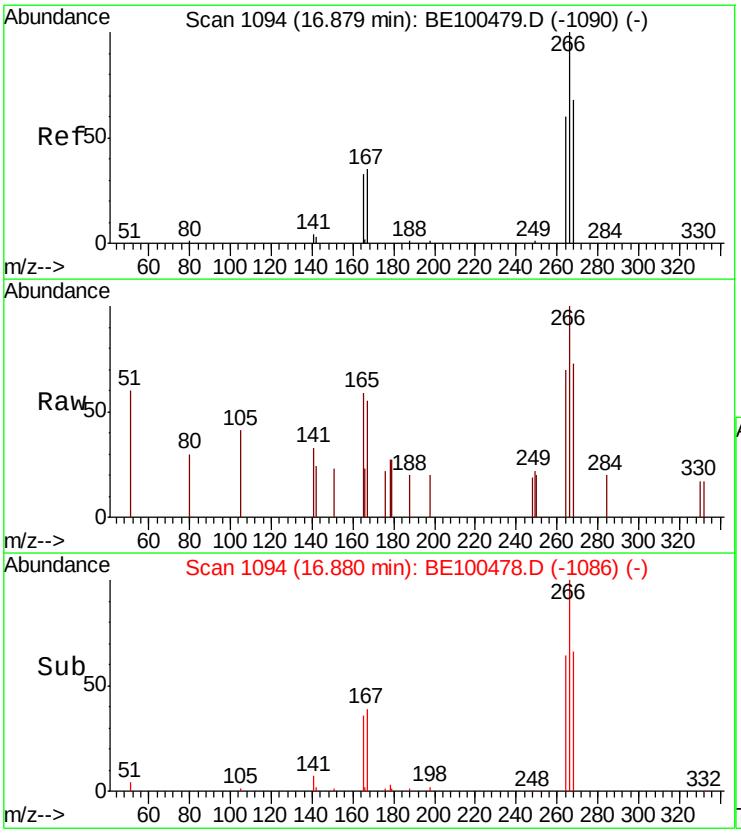
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 1730

Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.7	40.1
249	31.0	25.0	37.4

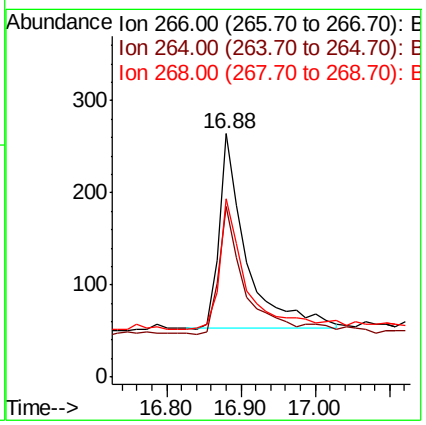


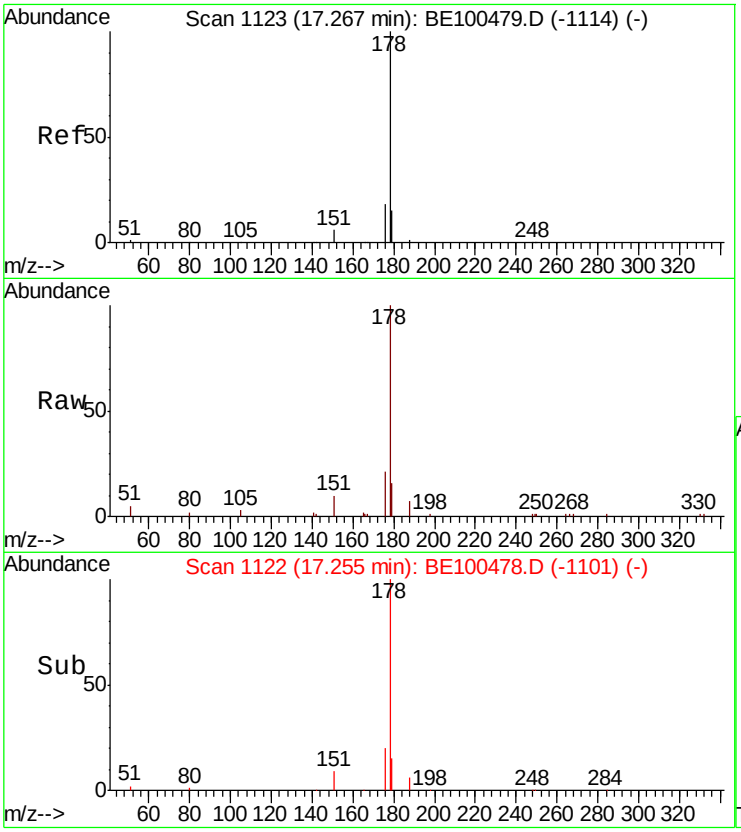


#22
Pentachlorophenol
Concen: 0.152 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:266 Resp: 533

Ion	Ratio	Lower	Upper
266	100		
264	70.1	50.4	75.6
268	73.1	56.6	85.0



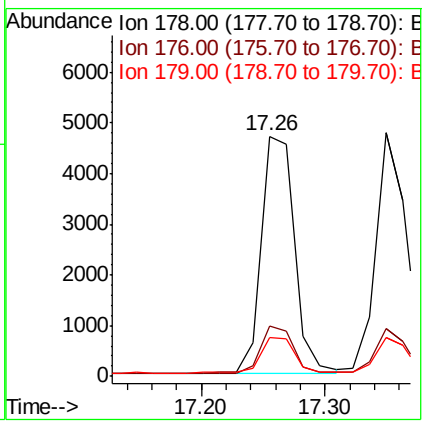


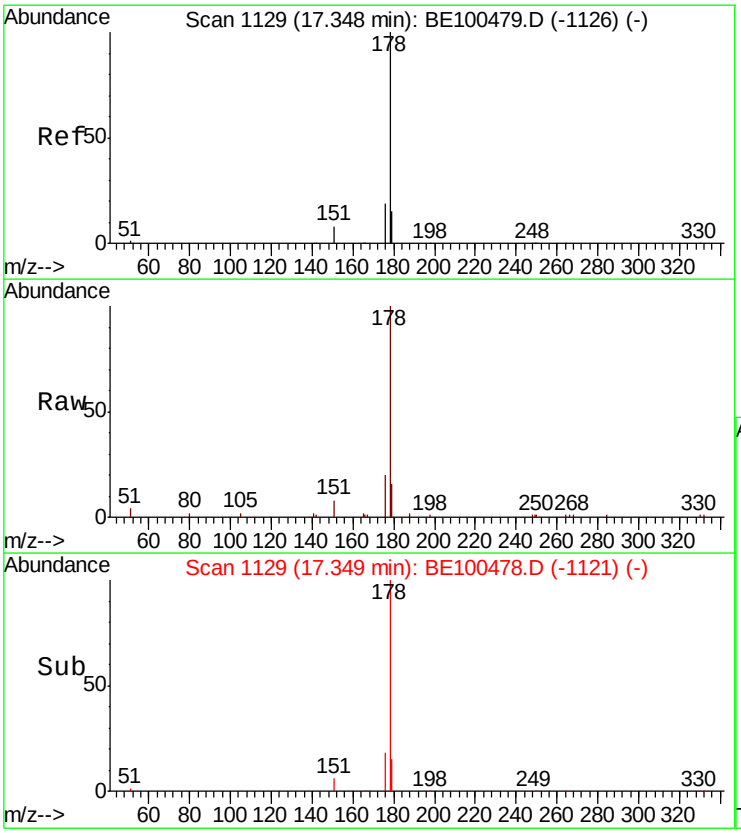
#23
Phenanthrene
Concen: 0.194 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 8648

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.6	12.6	18.8

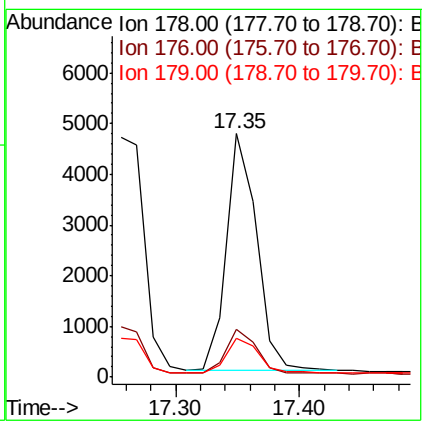


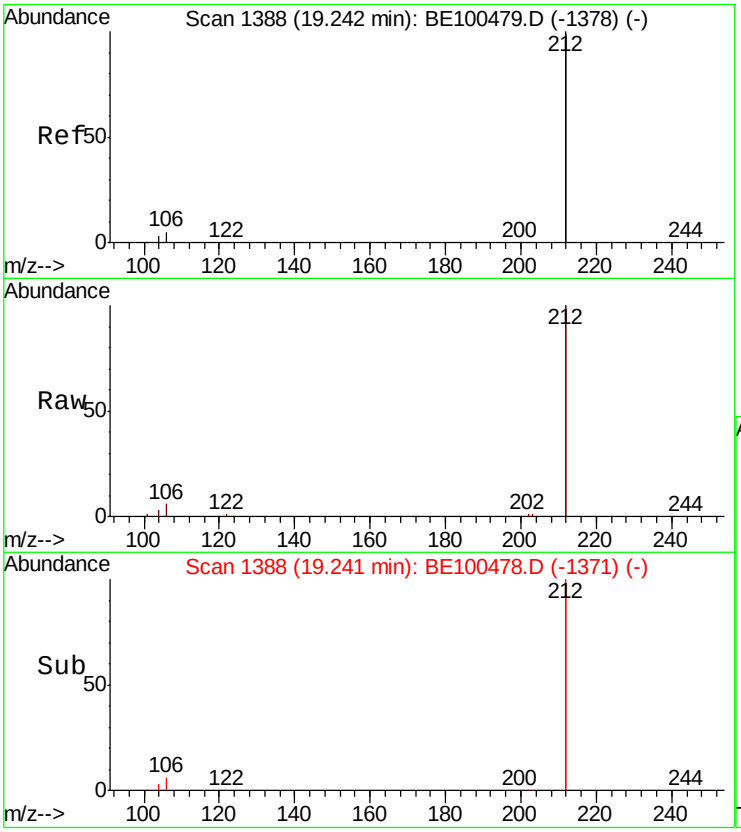


#24
Anthracene
Concen: 0.190 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:178 Resp: 7935

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.2	18.2



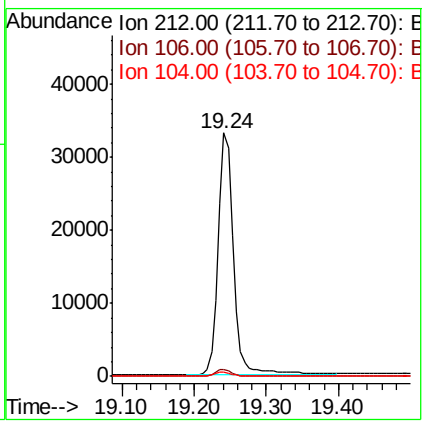


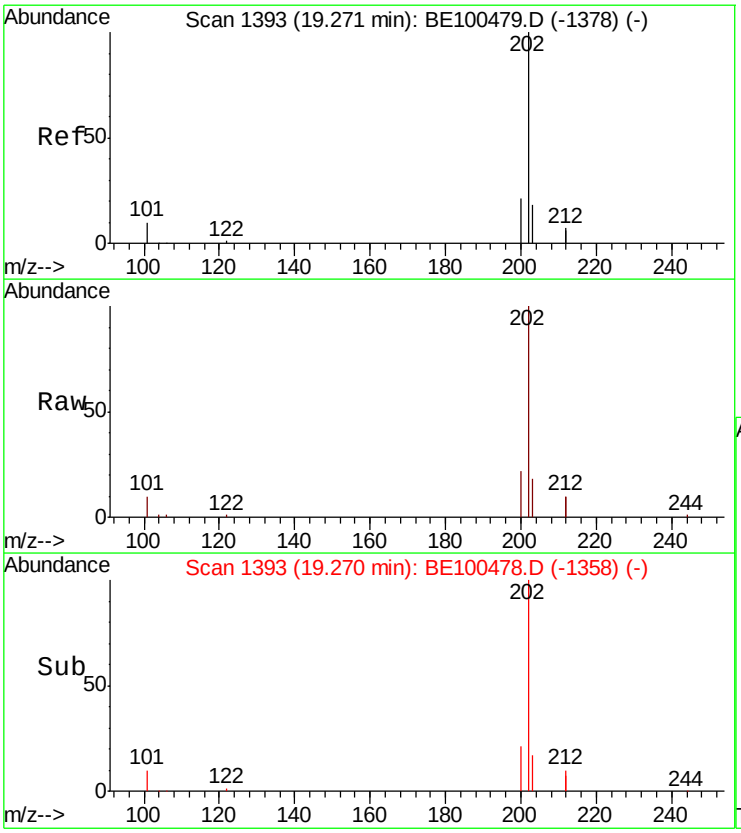
#25
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 48720

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

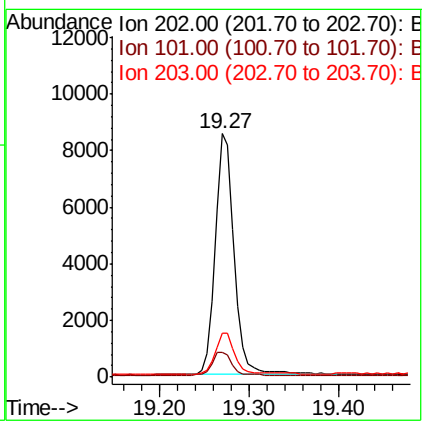


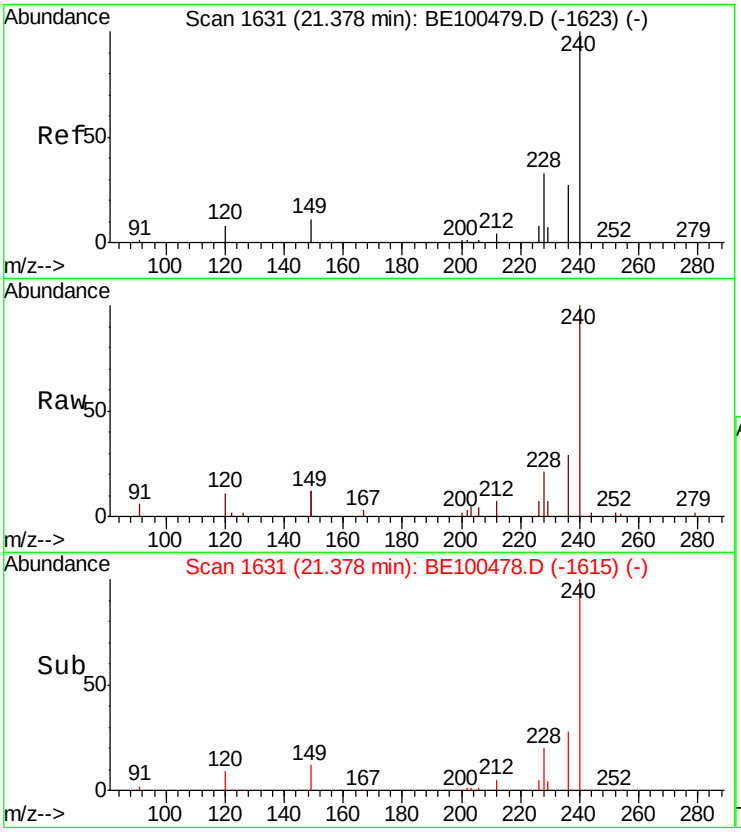


#26
Fluoranthene
Concen: 0.189 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:202 Resp: 12527

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
203	17.4	13.5	20.3



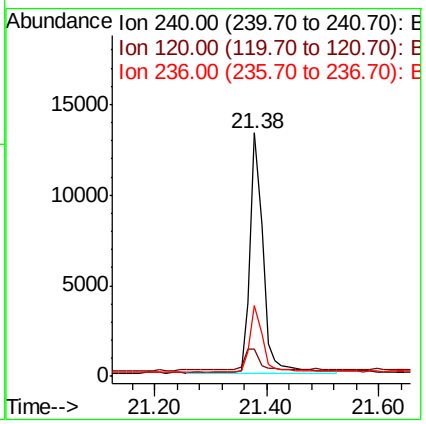


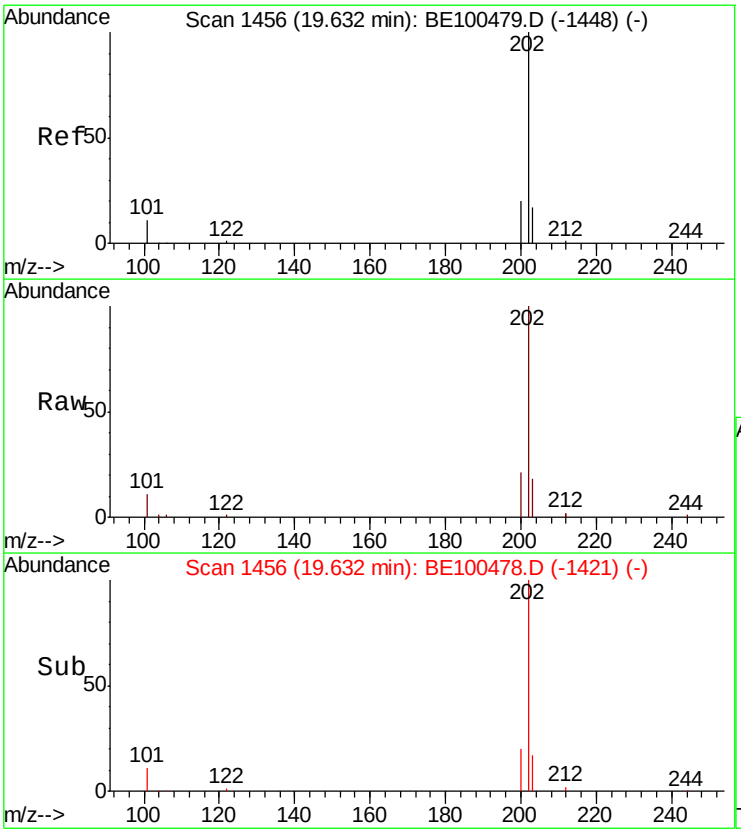
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 21370

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	29.2	22.6	34.0

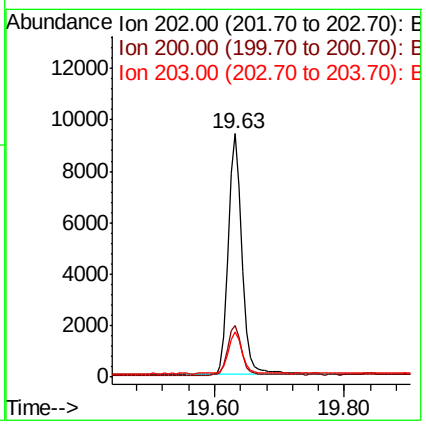


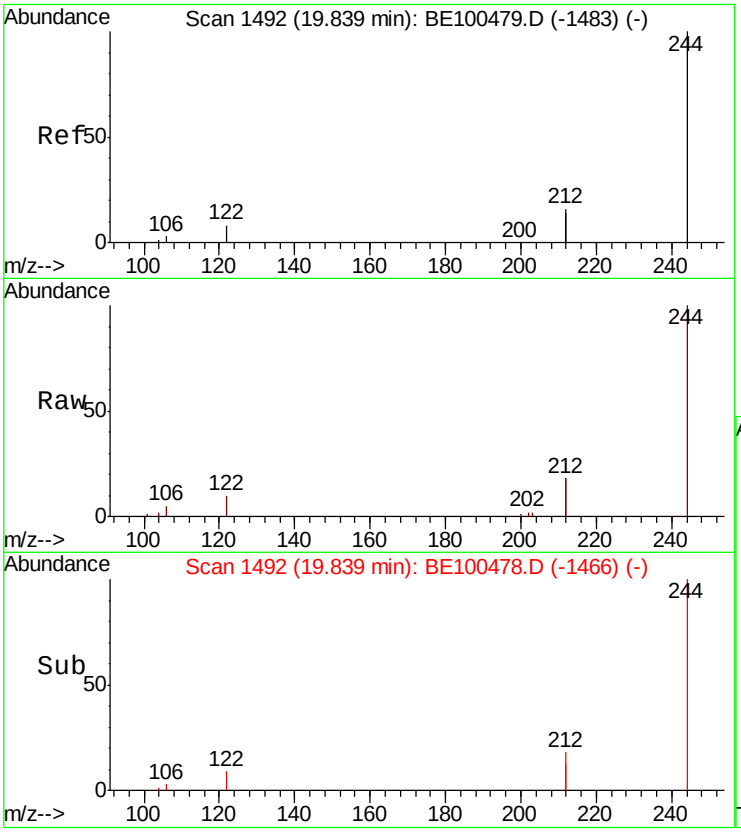


#28
Pyrene
Concen: 0.214 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:202 Resp: 13455

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.9	14.1	21.1



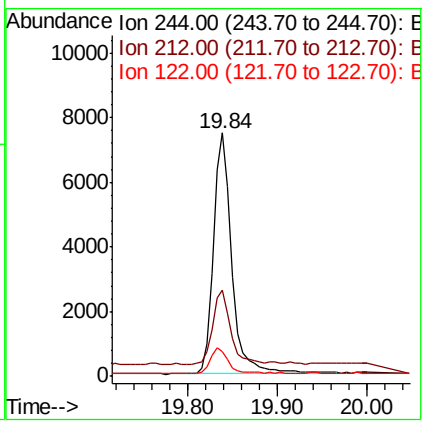


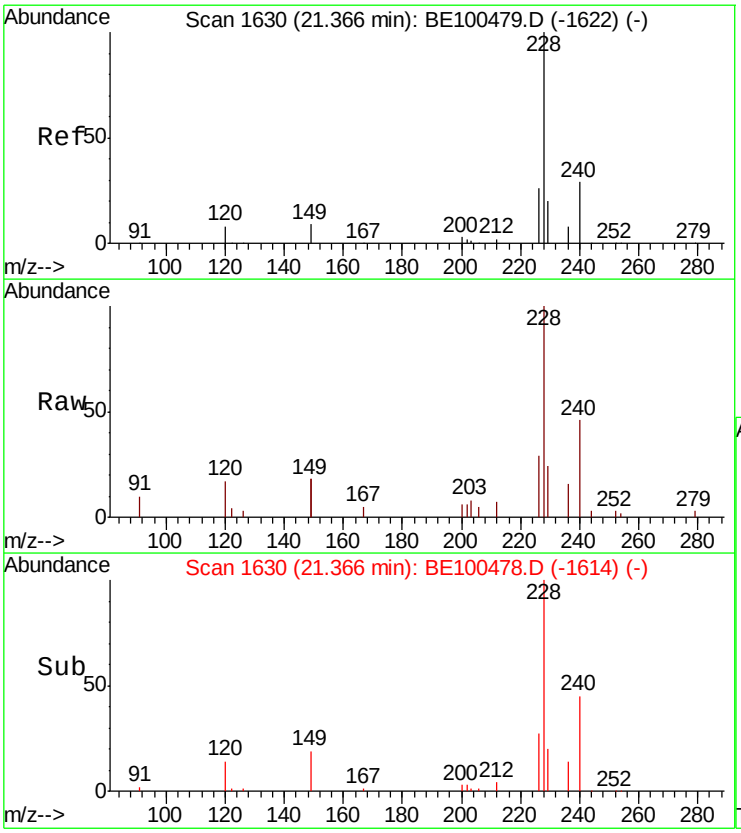
#29
Terphenyl-d14
Concen: 0.217 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 10670

Ion	Ratio	Lower	Upper
244	100		
212	35.6	25.6	38.4
122	10.2	7.2	10.8

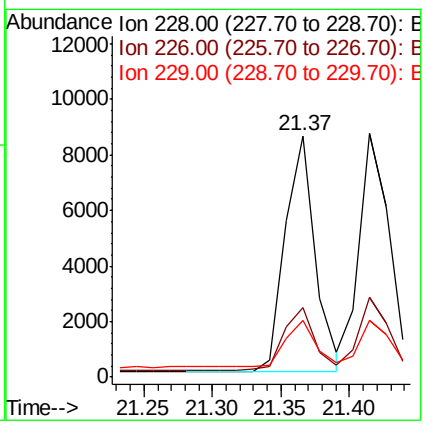


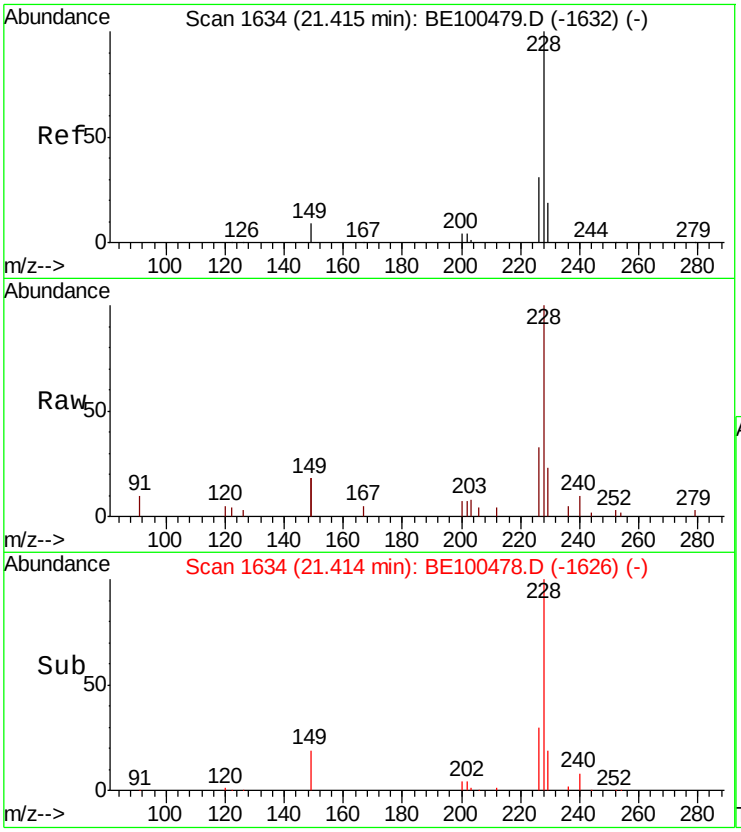


#30
Benzo(a)anthracene
Concen: 0.198 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:228 Resp: 12914

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.2
229	23.5	17.3	25.9



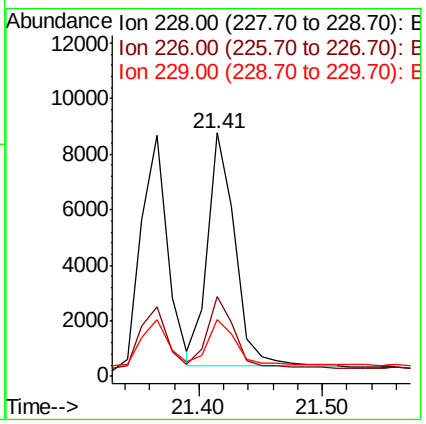


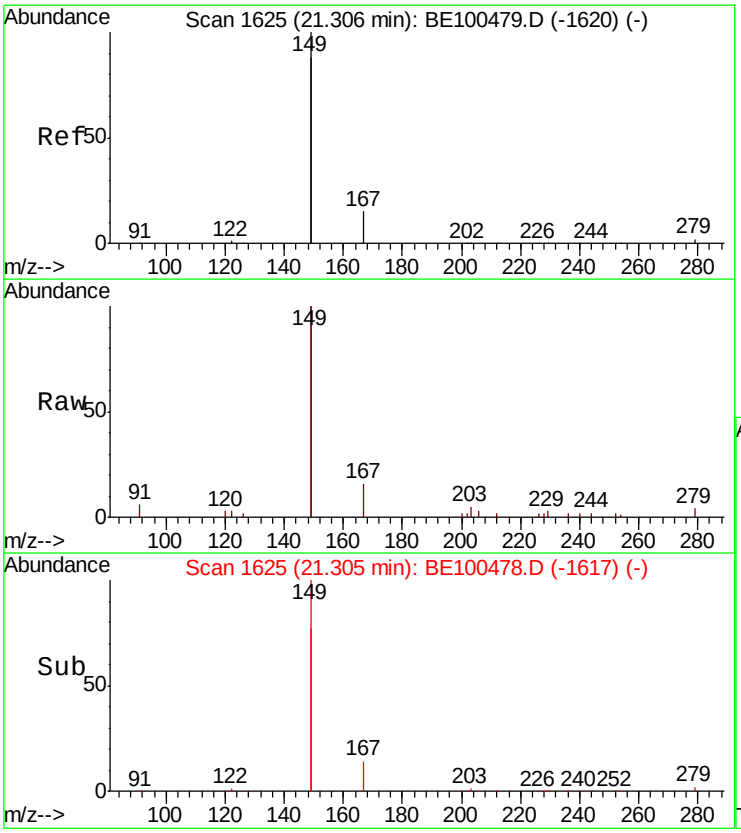
#31
Chrysene
Concen: 0.200 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 12996

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	23.1	16.7	25.1

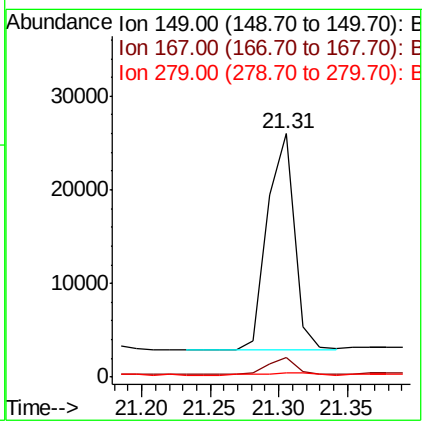


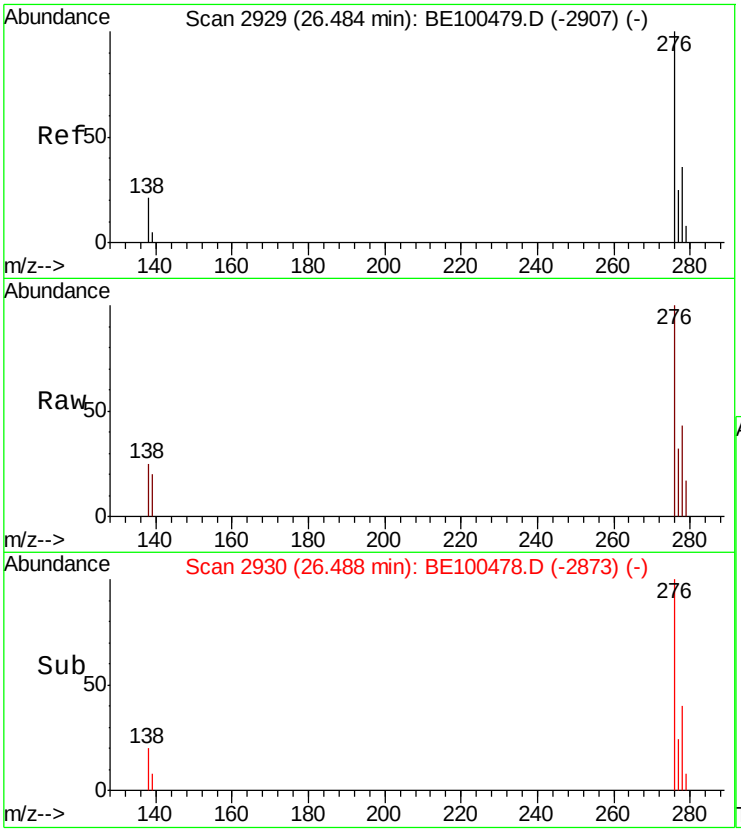


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:149 Resp: 31428

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.9	8.9
279	1.4	1.0	1.6



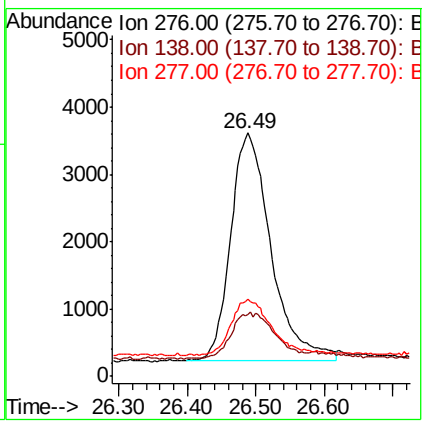


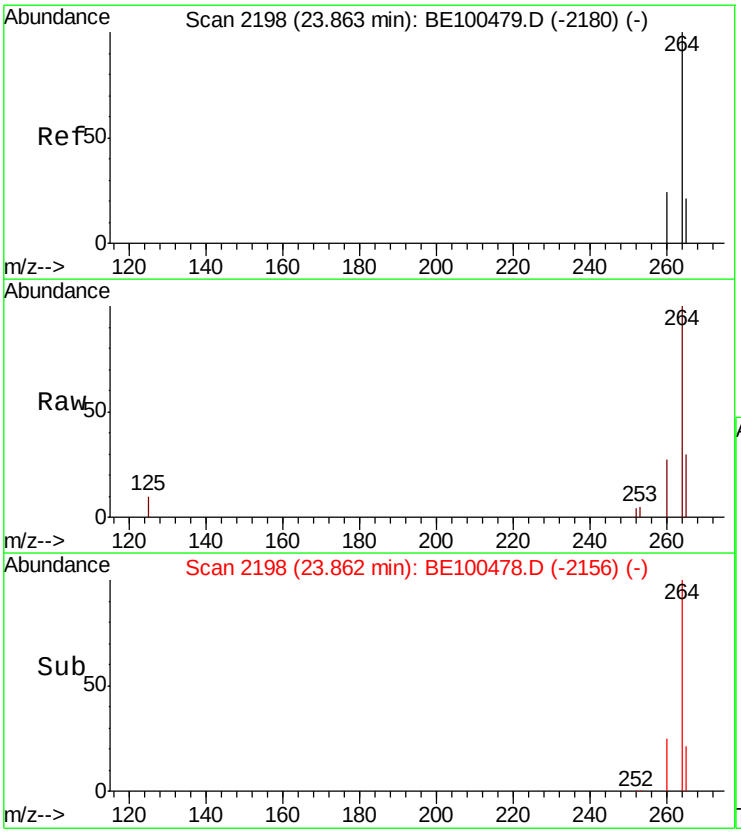
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13893

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.6	25.0
277	24.1	19.1	28.7

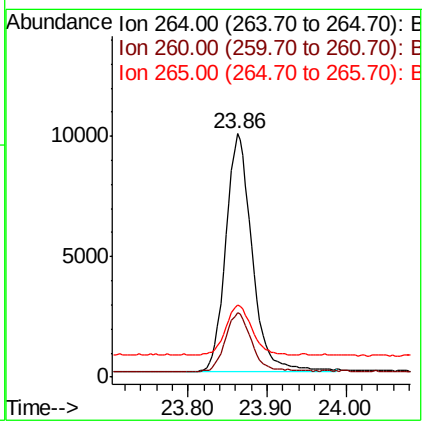


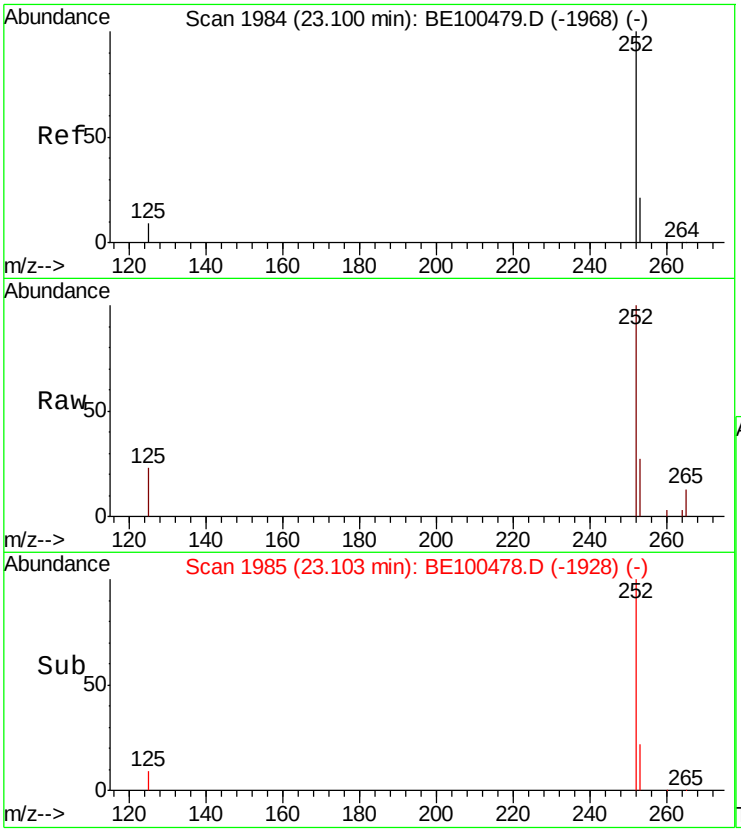


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:264 Resp: 23016

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.7	31.1
265	29.8	23.4	35.2



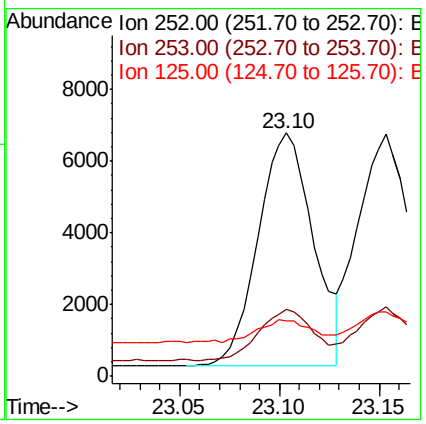


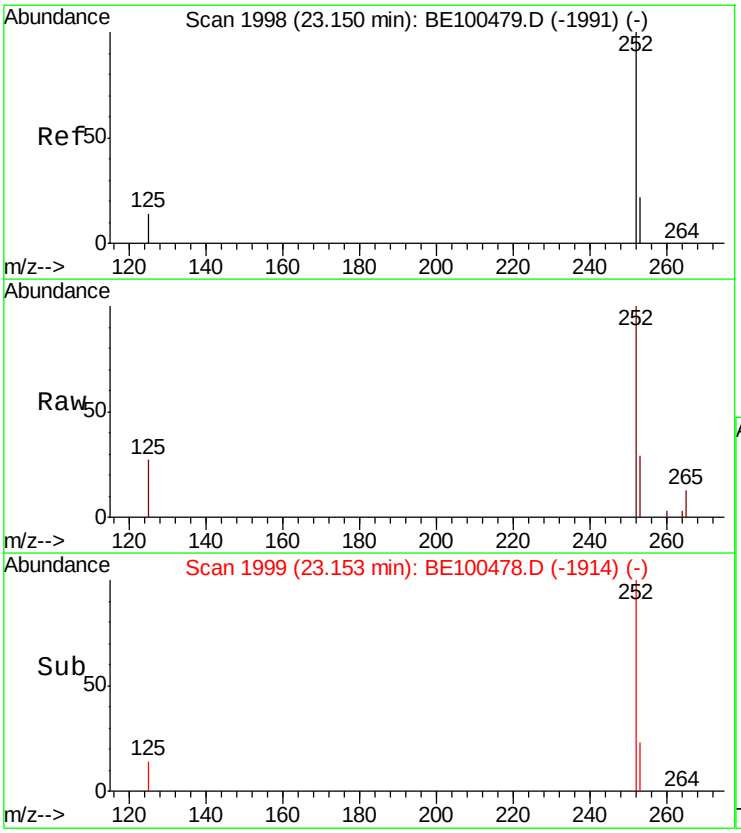
#35
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12439

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.2	28.8
125	22.8	11.9	17.9#

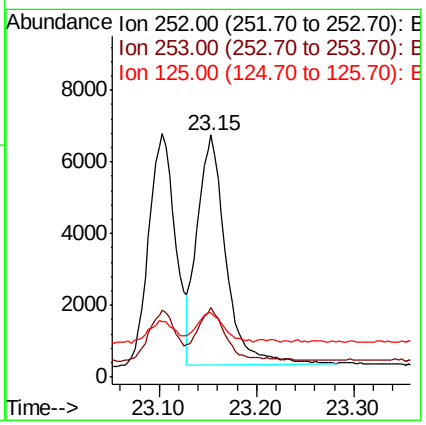


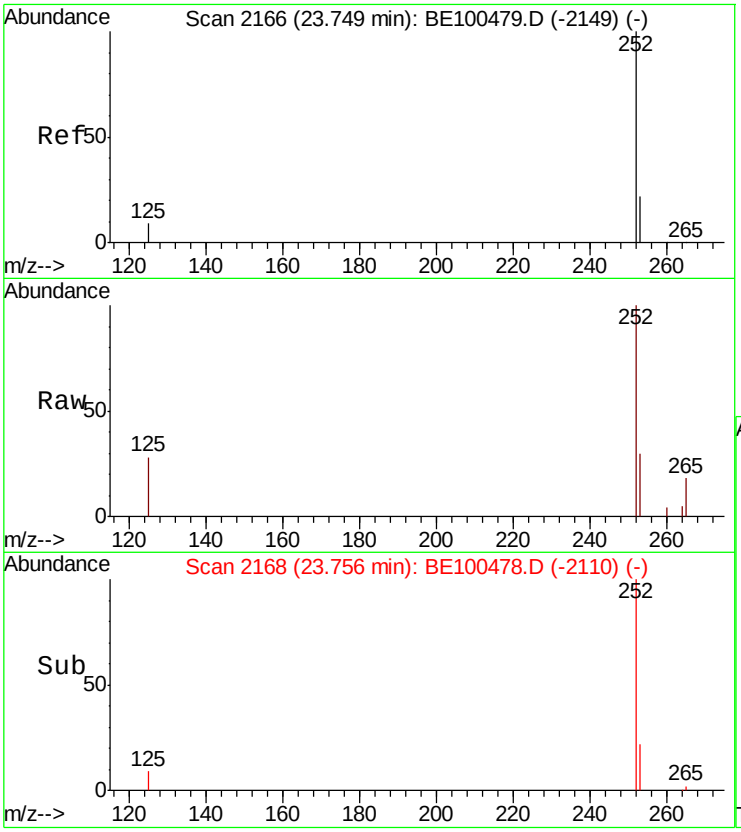


#36
Benzo(k)fluoranthene
Concen: 0.194 ng
RT: 23.15 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:252 Resp: 13079

Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.7	29.5
125	26.7	15.2	22.8#



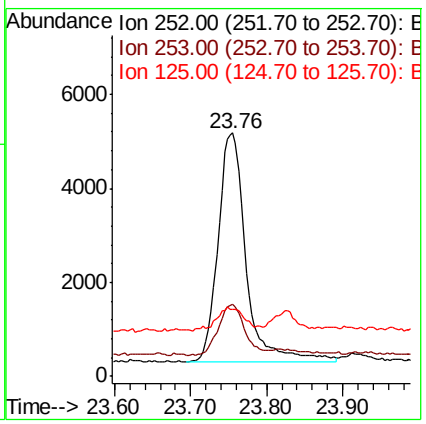


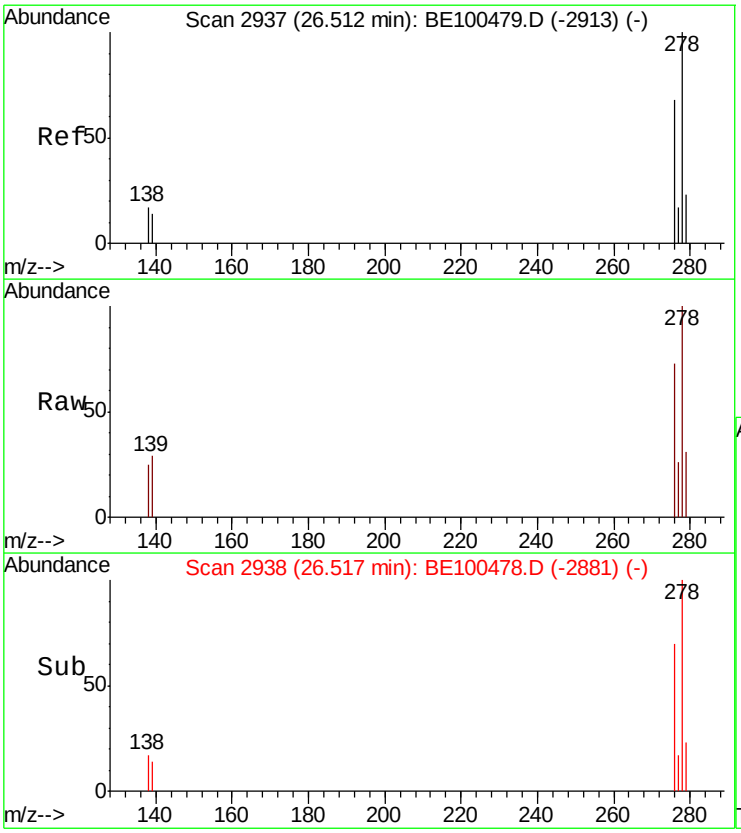
#37
Benzo(a)pyrene
Concen: 0.203 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 12460

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.0	30.0
125	27.6	14.1	21.1#

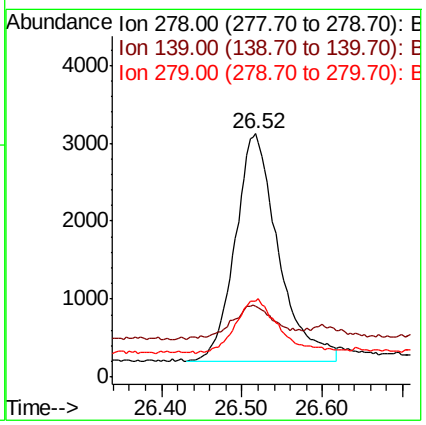


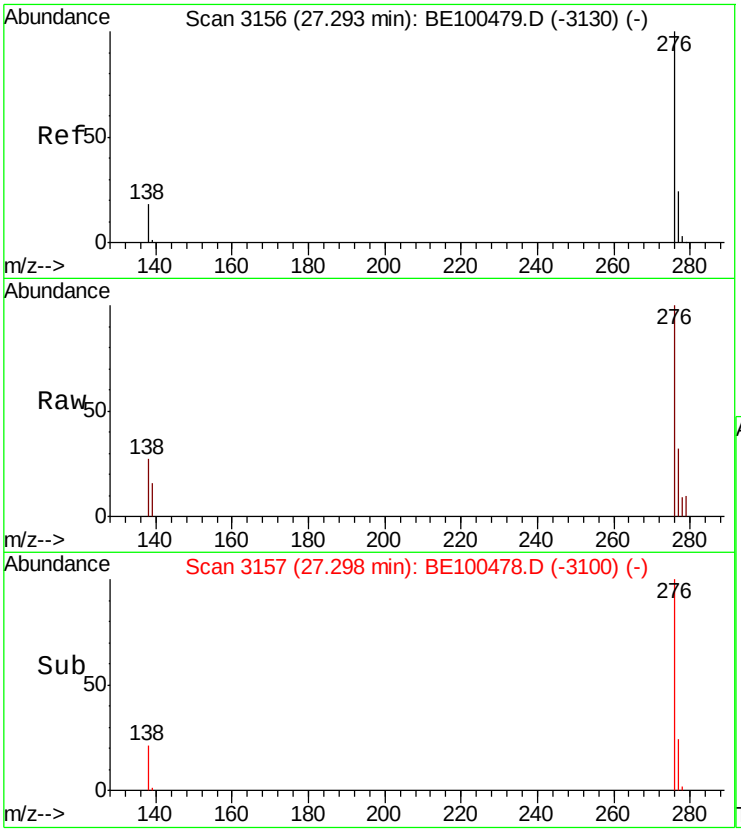


#38
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:278 Resp: 10845

Ion	Ratio	Lower	Upper
278	100		
139	29.0	16.8	25.2#
279	31.3	21.8	32.8





#39
Benzo(g,h,i)perylene
Concen: 0.196 ng
RT: 27.30 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11685

Ion	Ratio	Lower	Upper
276	100		
277	31.9	22.0	33.0
138	26.9	17.3	25.9#