Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
Data File : BE099068.D
Acq On : 20 Mar 2019 14:38
Operator : JU/SJ
Sample : PB118045BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 20 15:14:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	698	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3122	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2080	0.40	ng		0.00
19) Phenanthrene-d10	17.20	188	5764	0.40	ng		-0.01
27) Chrysene-d12	21.39	240	6387	0.40	ng		-0.01
34) Perylene-d12	23.89	264	5884	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	453	0.22	ng		0.04
5) Phenol-d6	7.01	99	567	0.19	ng		0.03
8) Nitrobenzene-d5	8.99	82	520	0.16	ng		0.03
11) 2-Methylnaphthalene-d10	12.19	152	1419	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	159	0.15	ng		0.01
15) 2-Fluorobiphenyl	13.09	172	1923	0.22	ng		0.00
25) Fluoranthene-d10	19.24	212	17211	0.19	ng		0.00
29) Terphenyl-d14	19.84	244	3238	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	512	0.372	ng	#	64
3) n-Nitrosodimethylamine	3.65	42	224	0.128	ng	#	100
6) bis(2-Chloroethyl)ether	7.25	93	225	0.099	ng	#	32
9) Naphthalene	10.64	128	7450	0.208	ng	#	97
10) Hexachlorobutadiene	10.90	225	458	0.194	ng		98
12) 2-Methylnaphthalene	12.27	142	1145	0.197	ng		91
16) Acenaphthylene	14.18	152	2027	0.189	ng		99
17) Acenaphthene	14.51	154	1299	0.205	ng		98
18) Fluorene	15.50	166	1808	0.198	ng		95
20) 4-Bromophenyl-phenylether	16.40	248	645	0.206	ng		91
21) Hexachlorobenzene	16.51	284	700	0.188	ng		96
22) Pentachlorophenol	16.91	266	18	0.279	ng		93
23) Phenanthrene	17.25	178	2996	0.183	ng		98
24) Anthracene	17.35	178	2143	0.153	ng		100
26) Fluoranthene	19.27	202	4094	0.177	ng		99
28) Pyrene	19.63	202	4323	0.221	ng		99
30) Benzo(a)anthracene	21.38	228	3557	0.178	ng		98
31) Chrysene	21.43	228	4442	0.208	ng		94
32) Bis(2-ethylhexyl)phthalate	21.29	149	8966	0.211	ng		99
33) Indeno(1,2,3-cd)pyrene	26.55	276	3045	0.135	ng	#	70
35) Benzo(b)fluoranthene	23.13	252	3600	0.186	ng	#	81
36) Benzo(k)fluoranthene	23.18	252	4510	0.223	ng	#	88
37) Benzo(a)pyrene	23.79	252	3704	0.200	ng	#	66
38) Dibenzo(a,h)anthracene	26.56	278	831	0.047	ng	#	68
39) Benzo(g,h,i)perylene	27.35	276	2734	0.149	ng	#	89

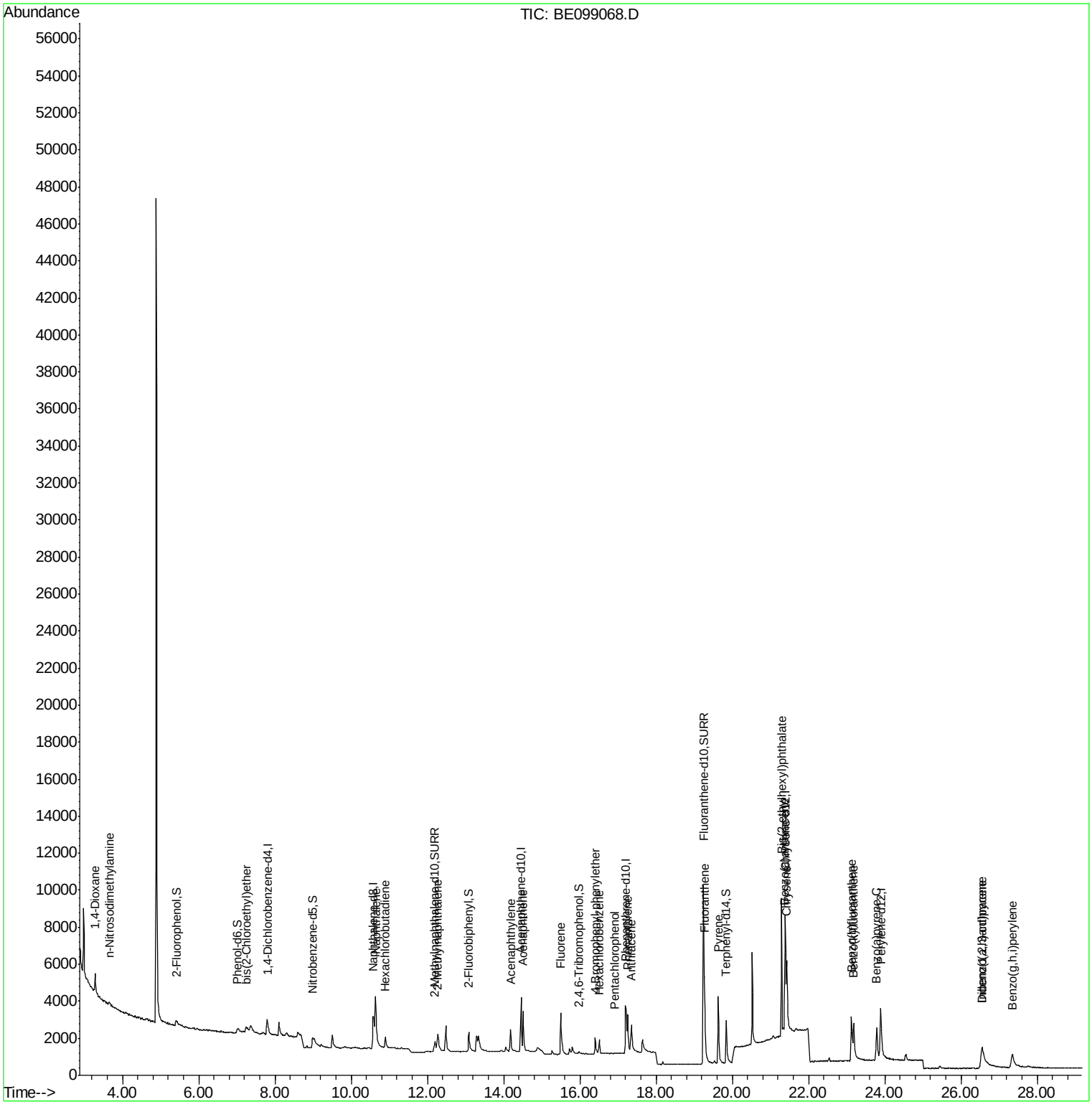
(#) = qualifier out of range (m) = manual integration (+) = signals summed

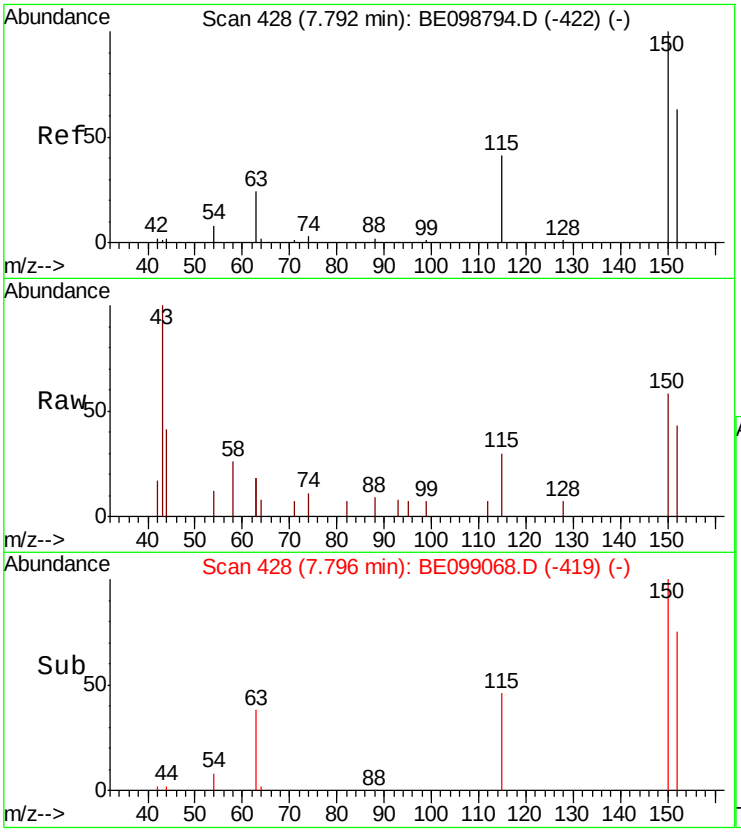
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
Data File : BE099068.D
Acq On : 20 Mar 2019 14:38
Operator : JU/SJ
Sample : PB118045BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 20 15:14:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



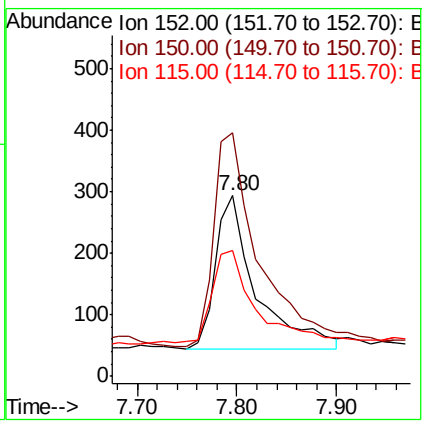


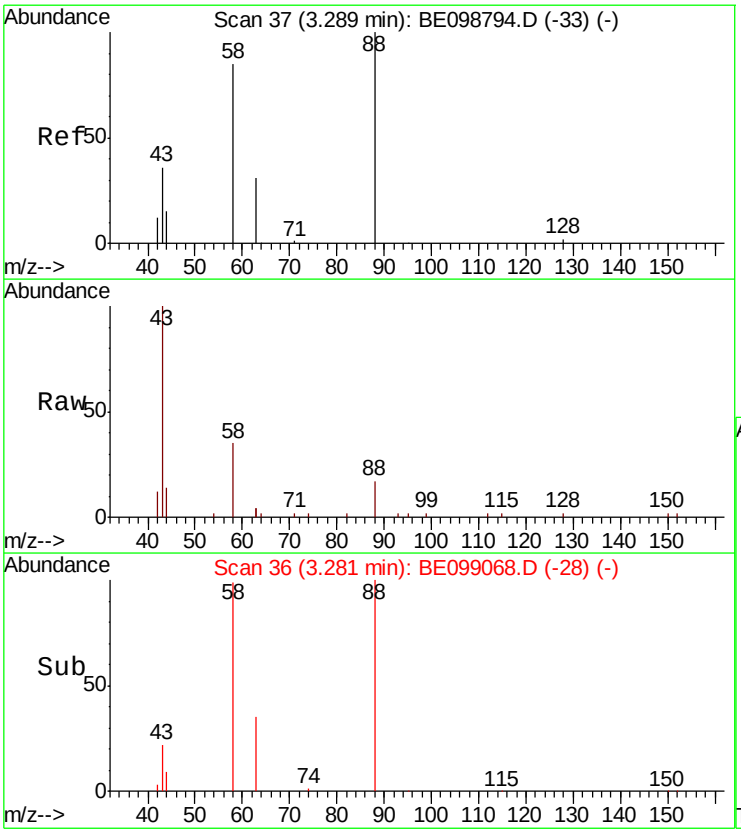
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 698

Ion	Ratio	Lower	Upper
152	100		
150	135.2	122.5	183.7
115	70.0	57.4	86.2

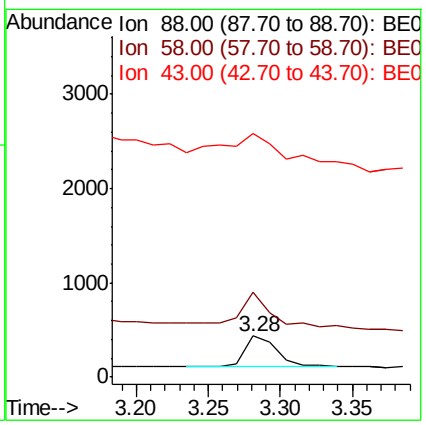


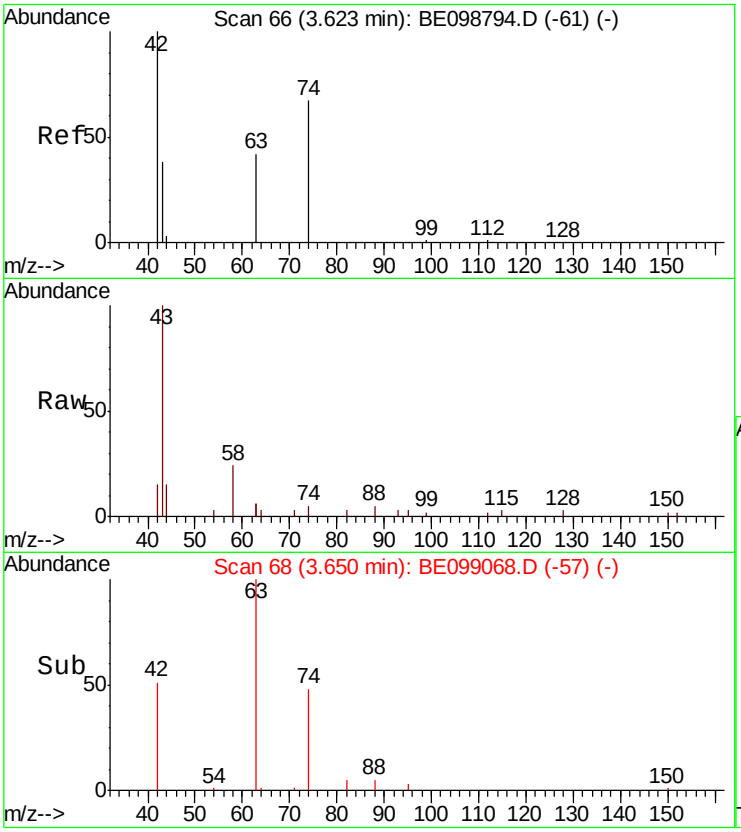


#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion: 88 Resp: 512

Ion	Ratio	Lower	Upper
88	100		
58	96.7	75.8	113.6
43	121.3	41.8	62.8#



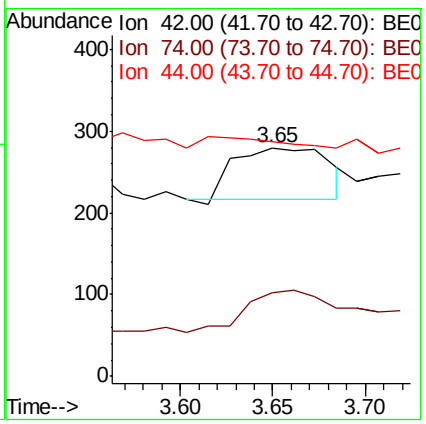


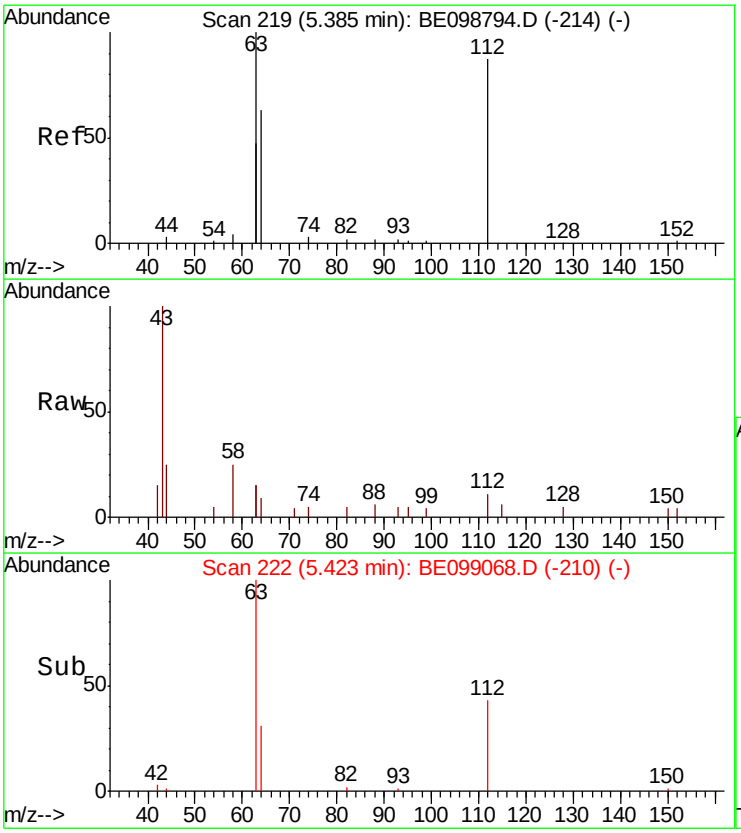
#3
n-Nitrosodimethylamine
Concen: 0.128 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.03 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 224

Ion	Ratio	Lower	Upper
42	100		
74	71.4	57.0	85.4
44	0.0	0.0	0.0

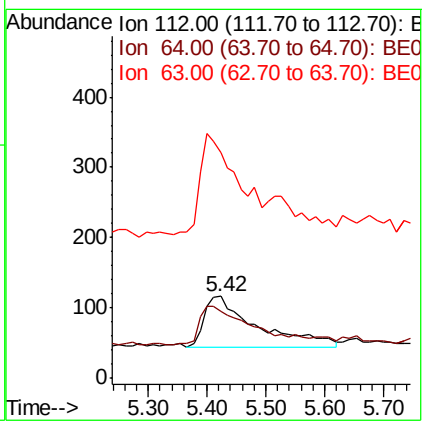


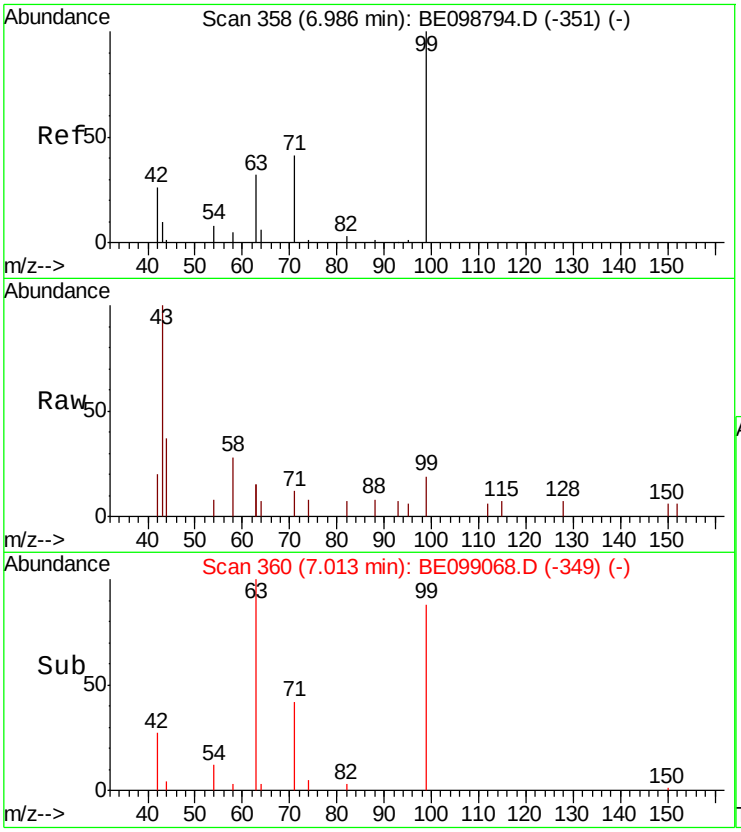


#4
2-Fluorophenol
Concen: 0.217 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:112 Resp: 453

Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.9	86.9#
63	0.0	158.3	237.5#



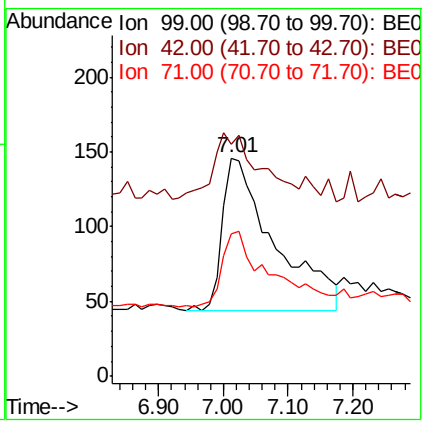


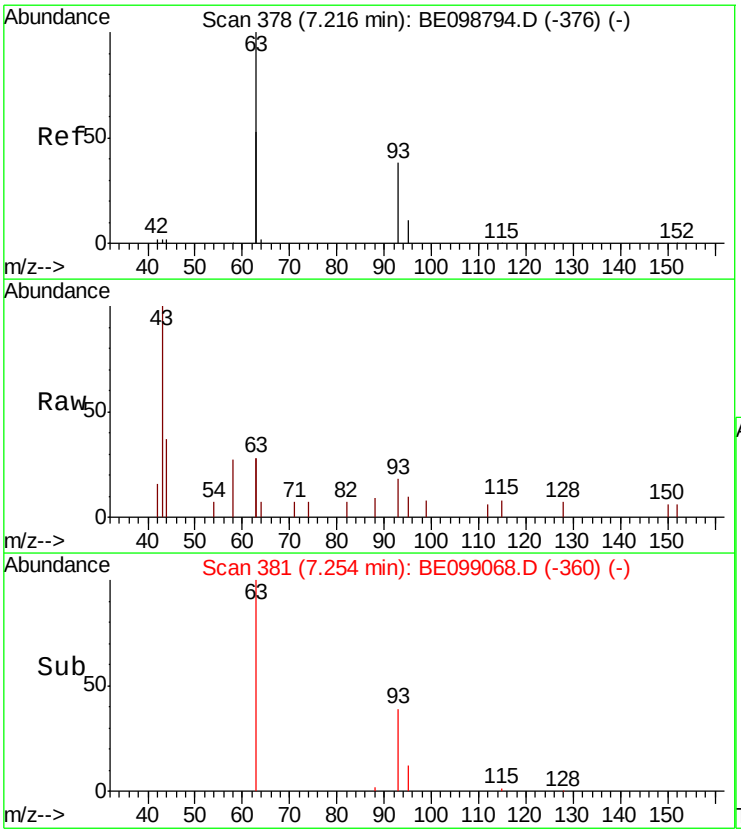
#5
Phenol-d6
Concen: 0.192 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.03 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 567

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	46.4	35.7	53.5

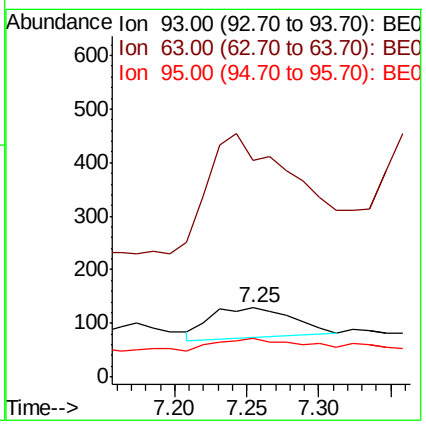


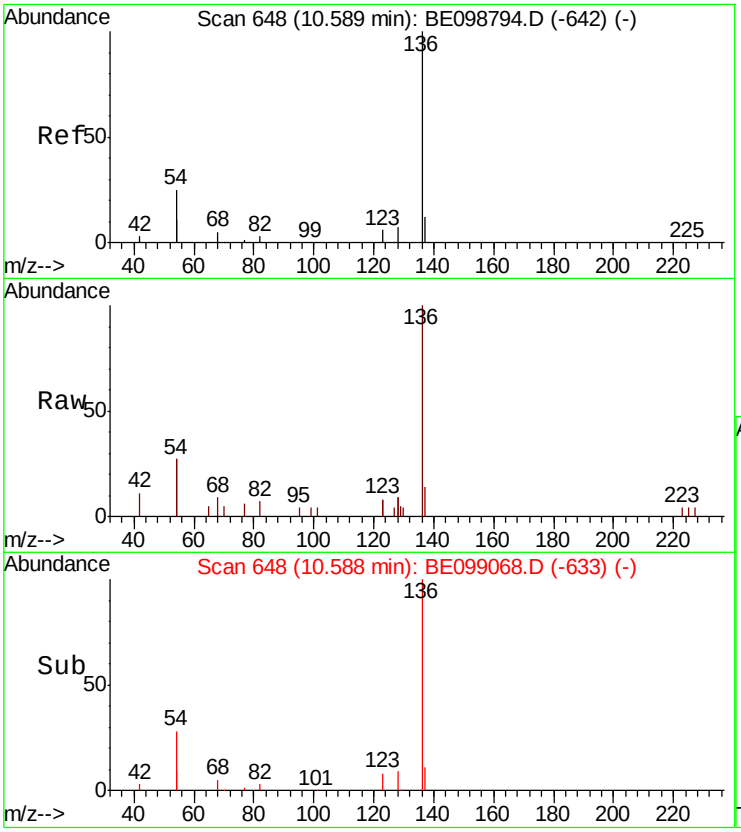


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.25 min Scan# 381
Delta R.T. 0.04 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion: 93 Resp: 225

Ion	Ratio	Lower	Upper
93	100		
63	453.3	247.5	371.3#
95	41.8	21.8	32.8#



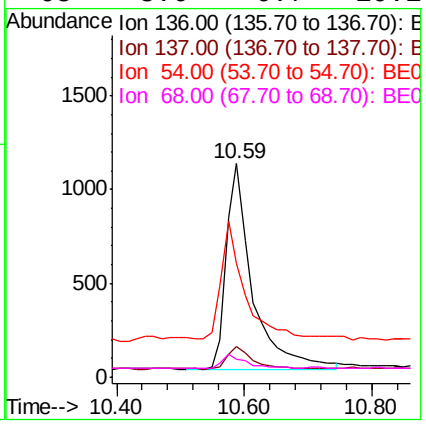


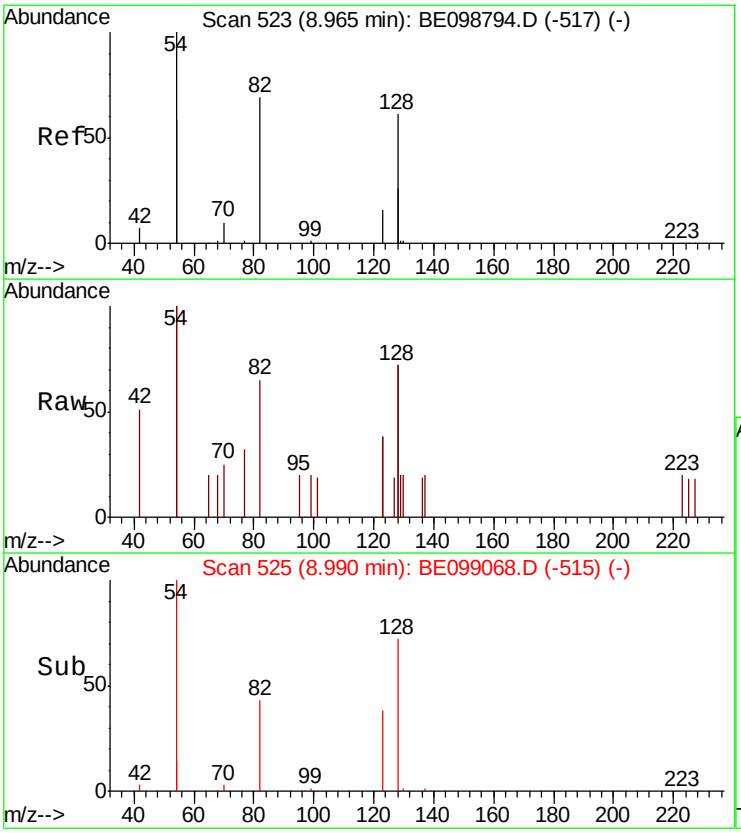
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 3122

Ion	Ratio	Lower	Upper
136	100		
137	14.1	11.4	17.0
54	53.6	39.3	58.9
68	8.6	6.7	10.1

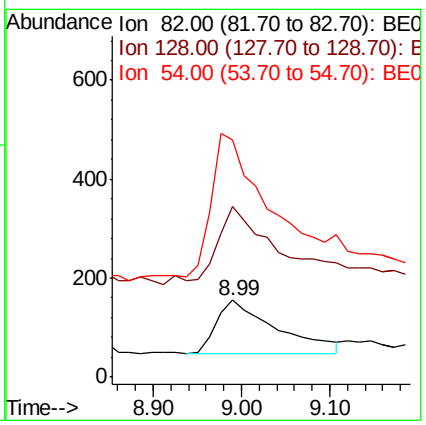


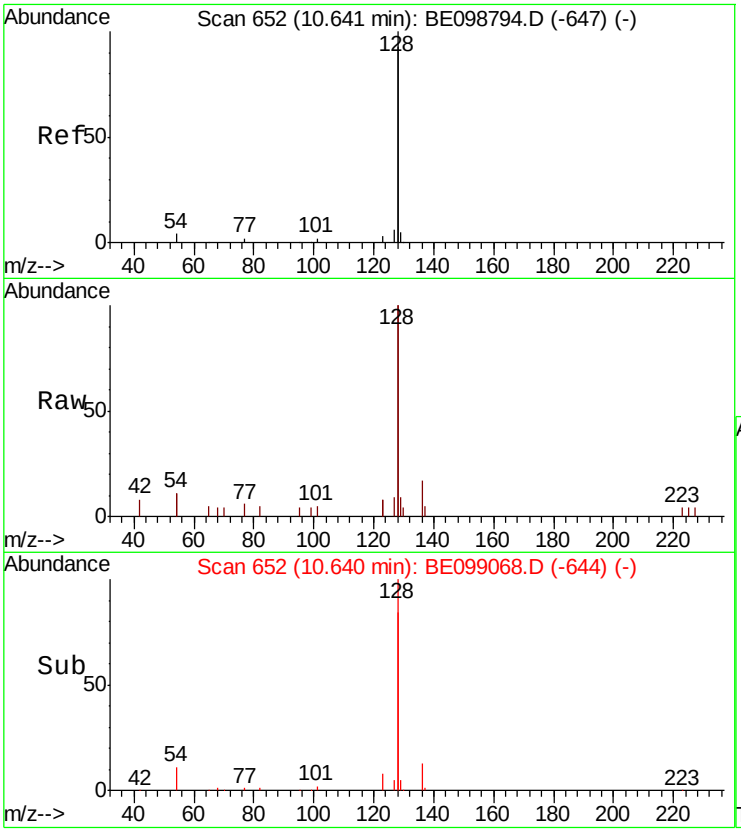


#8
Nitrobenzene-d5
Concen: 0.159 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion: 82 Resp: 520

Ion	Ratio	Lower	Upper
82	100		
128	221.9	123.8	185.8#
54	309.7	203.4	305.2#



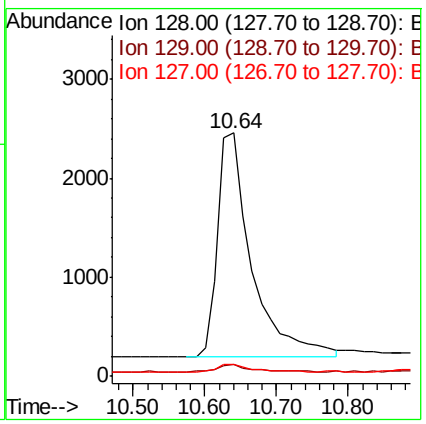


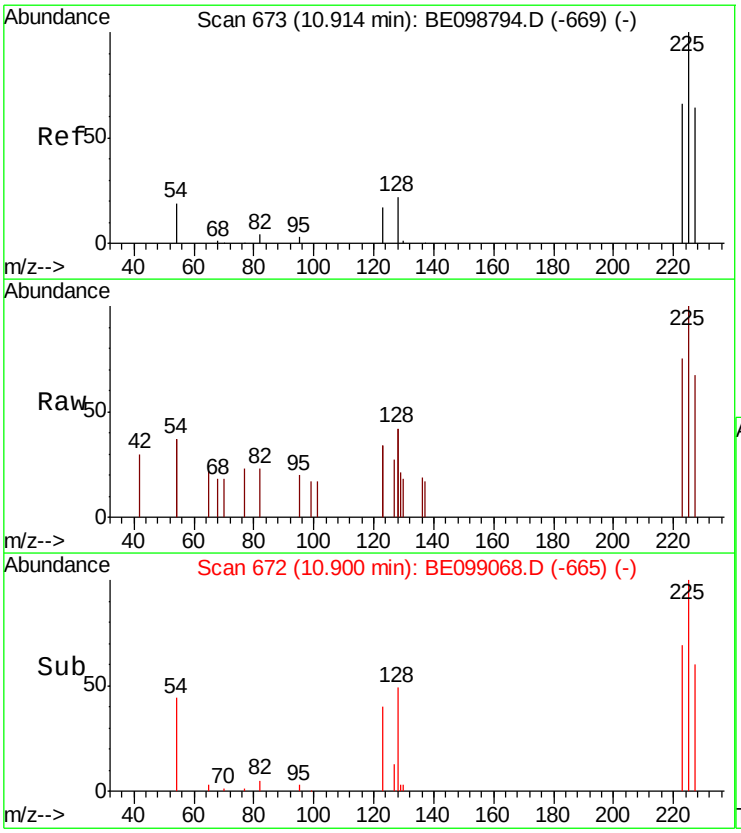
#9
Naphthalene
Concen: 0.208 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7450

Ion	Ratio	Lower	Upper
128	100		
129	4.6	2.6	4.0#
127	4.7	3.1	4.7

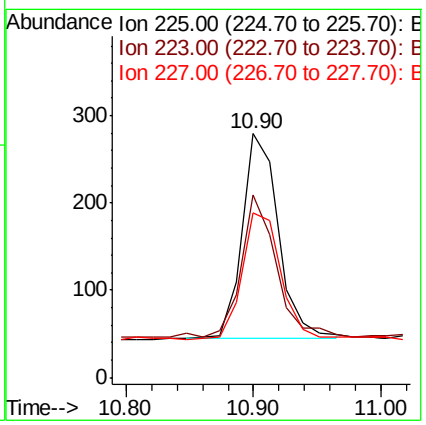


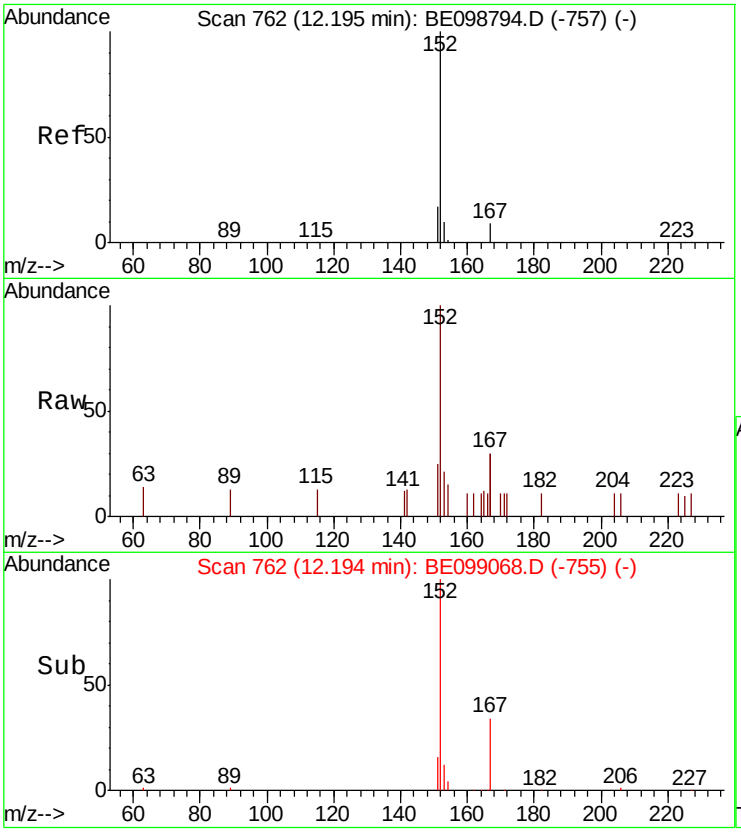


#10
Hexachlorobutadiene
Concen: 0.194 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:225 Resp: 458

Ion	Ratio	Lower	Upper
225	100		
223	66.4	51.1	76.7
227	65.7	51.6	77.4



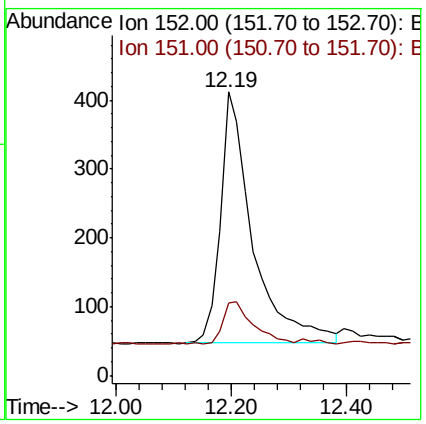


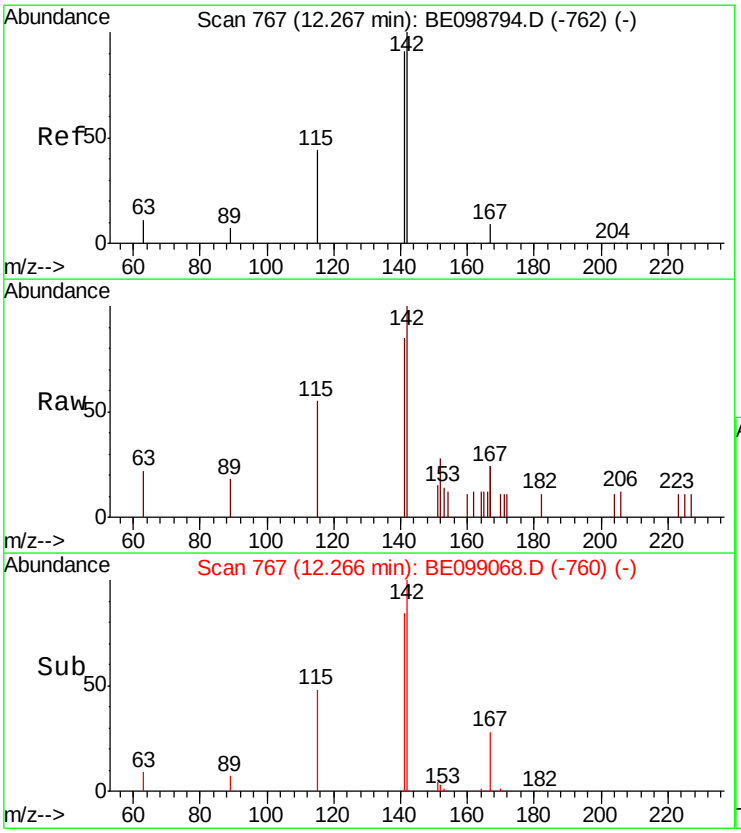
#11
2-Methylnaphthalene-d10
Concen: 0.246 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1419

Ion	Ratio	Lower	Upper
152	100		
151	15.5	16.5	24.7#

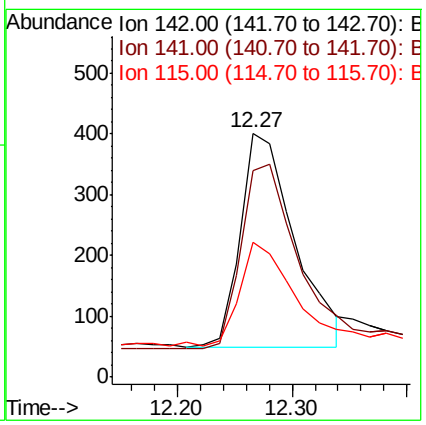


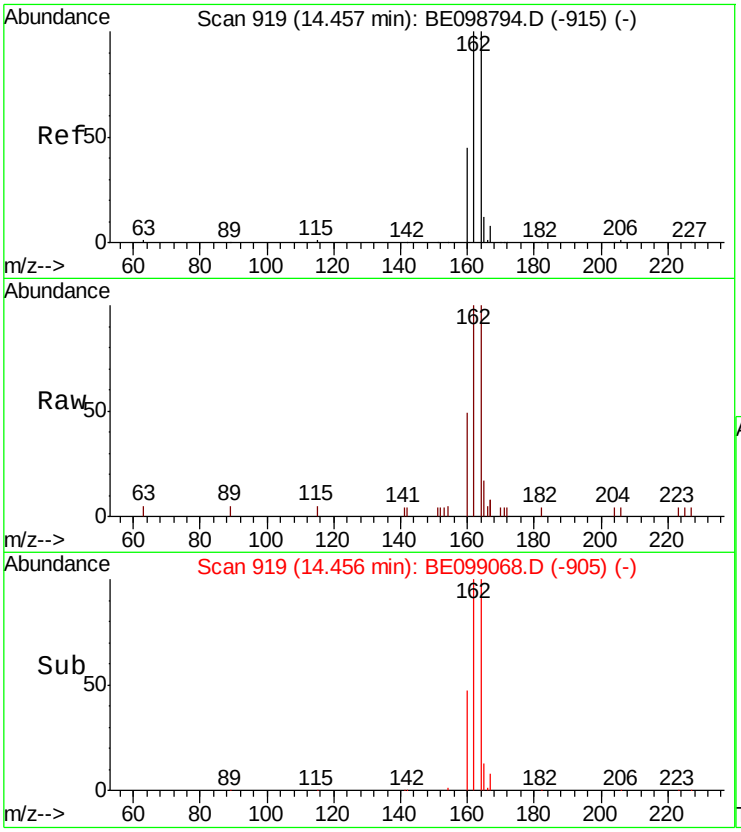


#12
2-Methylnaphthalene
Concen: 0.197 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:142 Resp: 1145

Ion	Ratio	Lower	Upper
142	100		
141	84.5	72.6	108.8
115	55.1	37.4	56.2



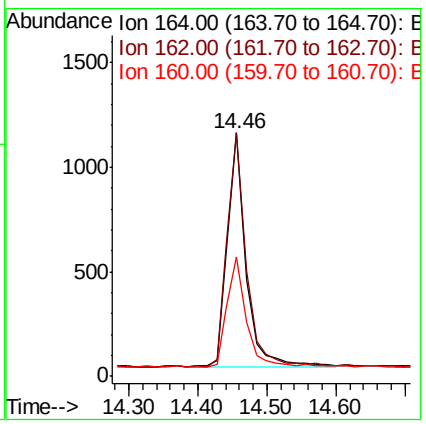


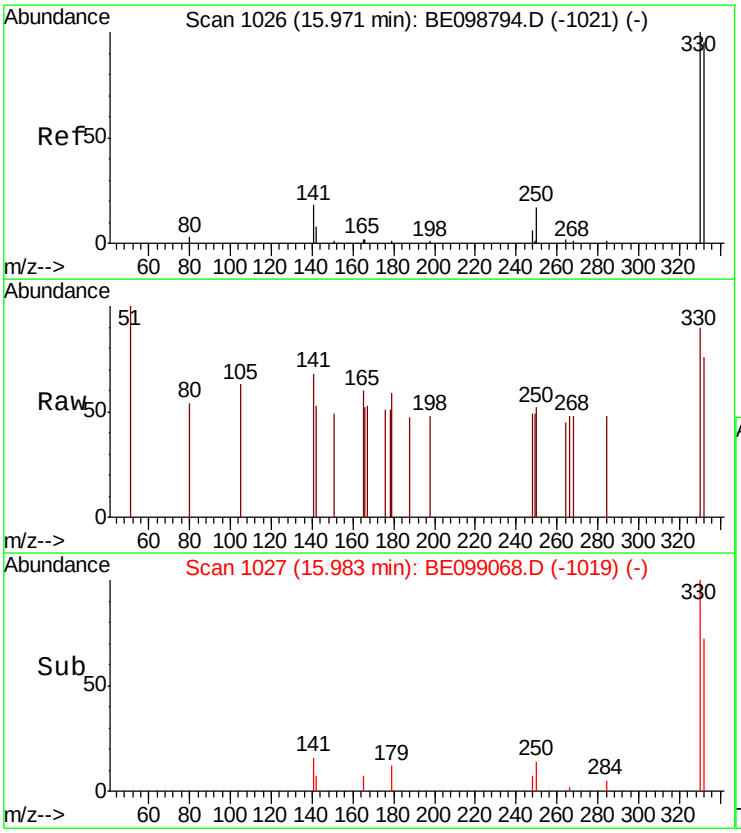
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 2080

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	49.0	37.8	56.8

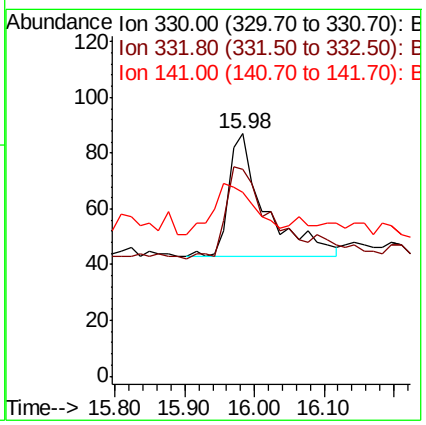


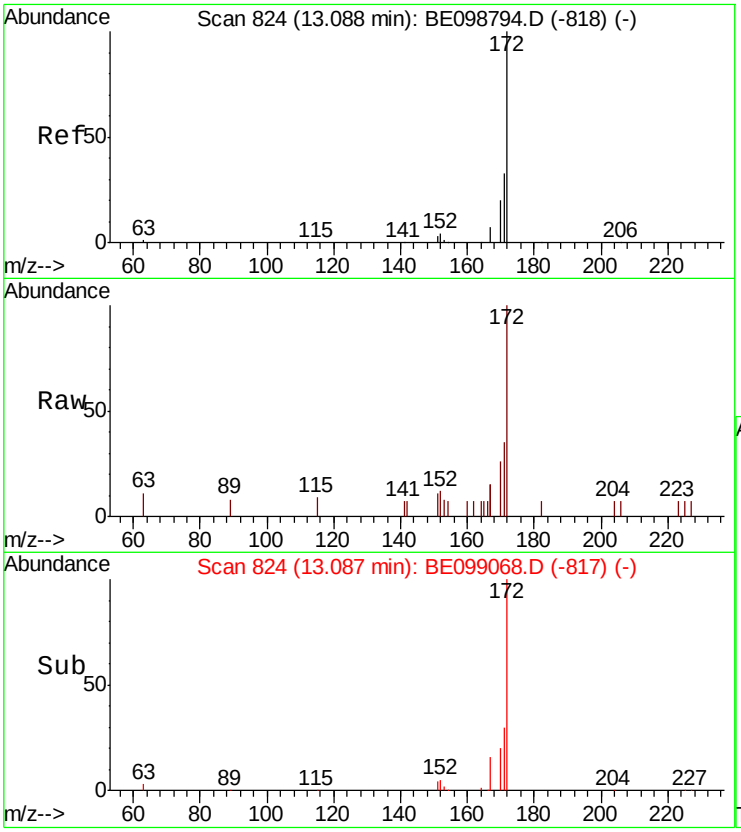


#14
2,4,6-Tribromophenol
Concen: 0.151 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:330 Resp: 159

Ion	Ratio	Lower	Upper
330	100		
332	89.3	77.6	116.4
141	0.0	31.0	46.4#



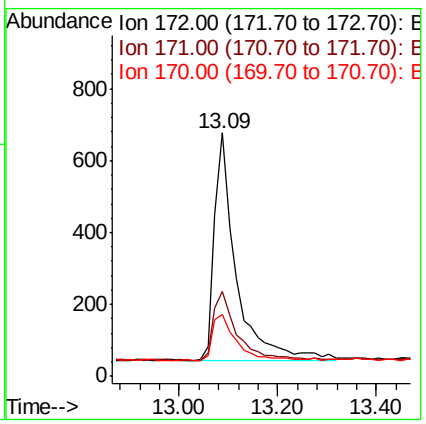


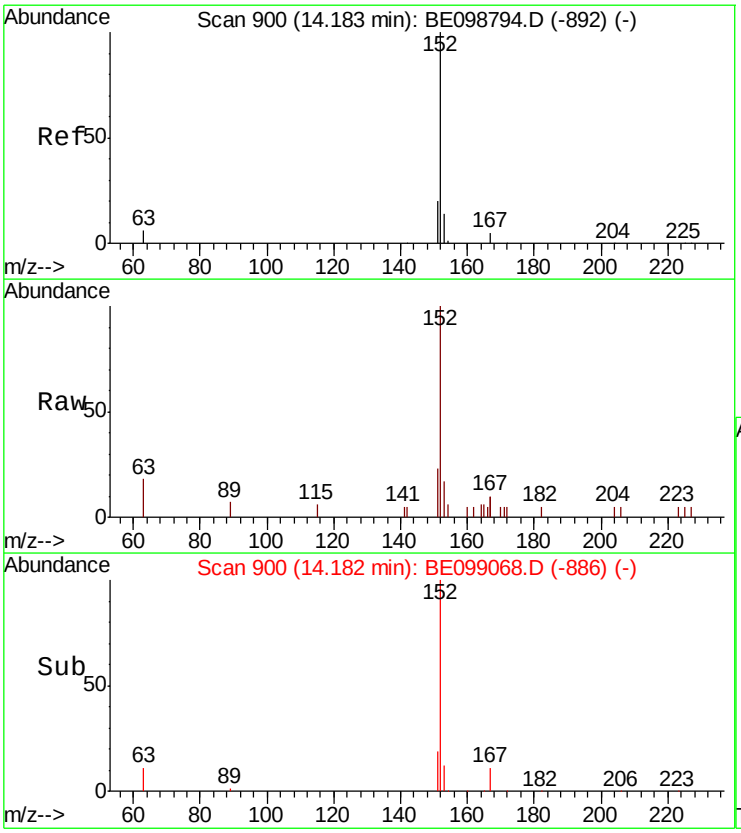
#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1923

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	25.6	17.7	26.5

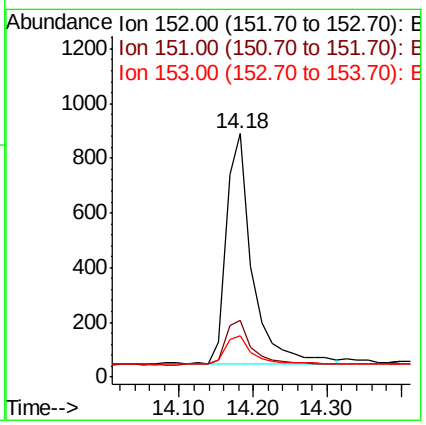


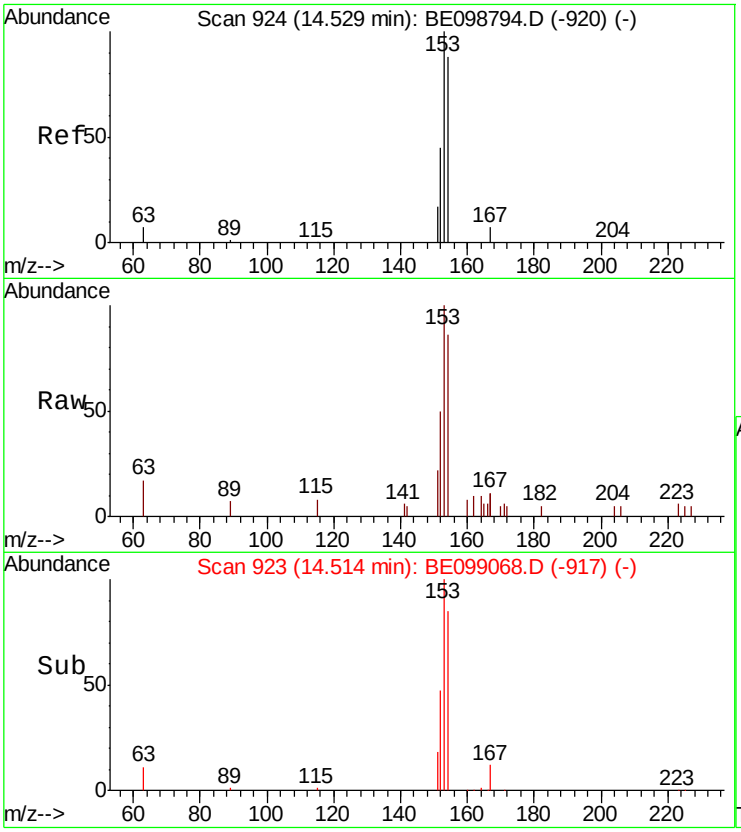


#16
Acenaphthylene
Concen: 0.189 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:152 Resp: 2027

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6
153	13.9	11.2	16.8



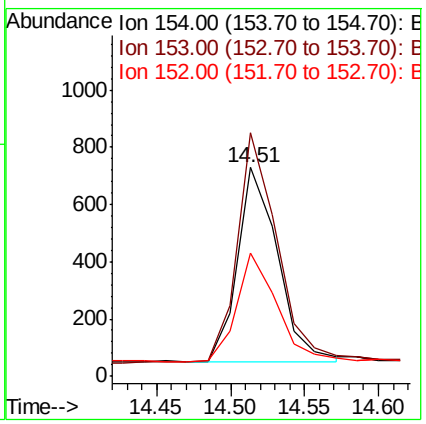


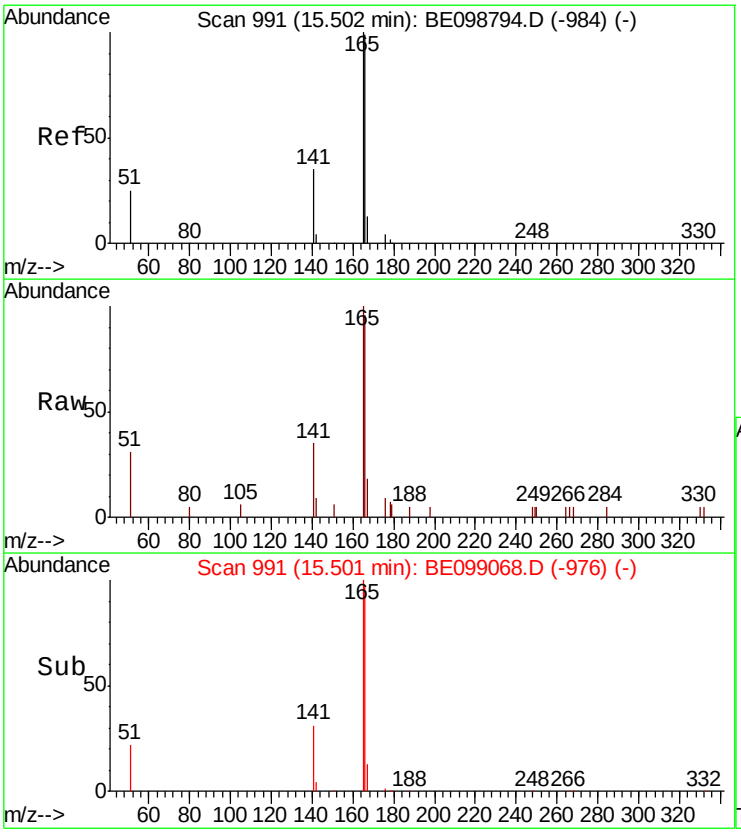
#17
Acenaphthene
Concen: 0.205 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1299

Ion	Ratio	Lower	Upper
154	100		
153	115.7	94.2	141.4
152	55.5	45.0	67.4

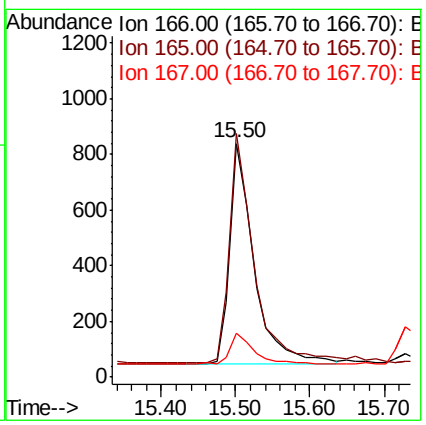


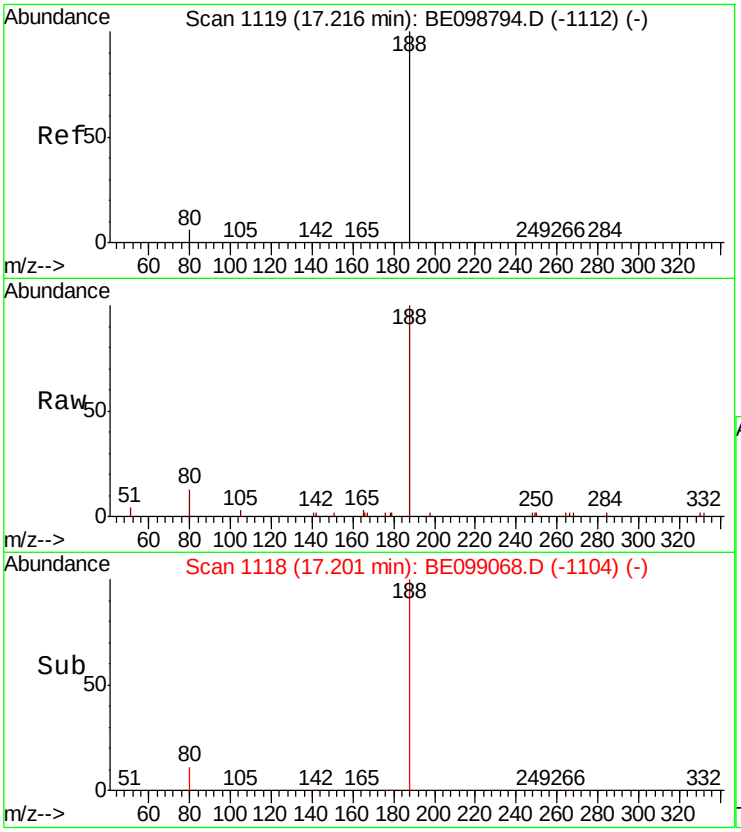


#18
Fluorene
Concen: 0.198 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:166 Resp: 1808

Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.3	118.9
167	14.4	10.5	15.7



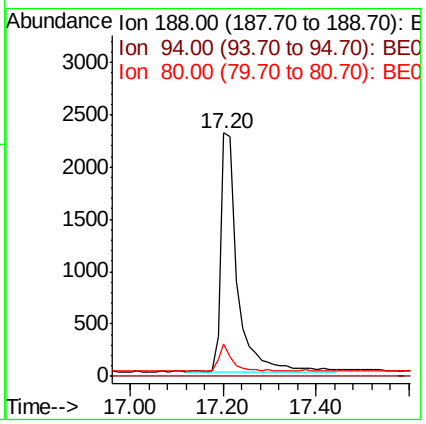


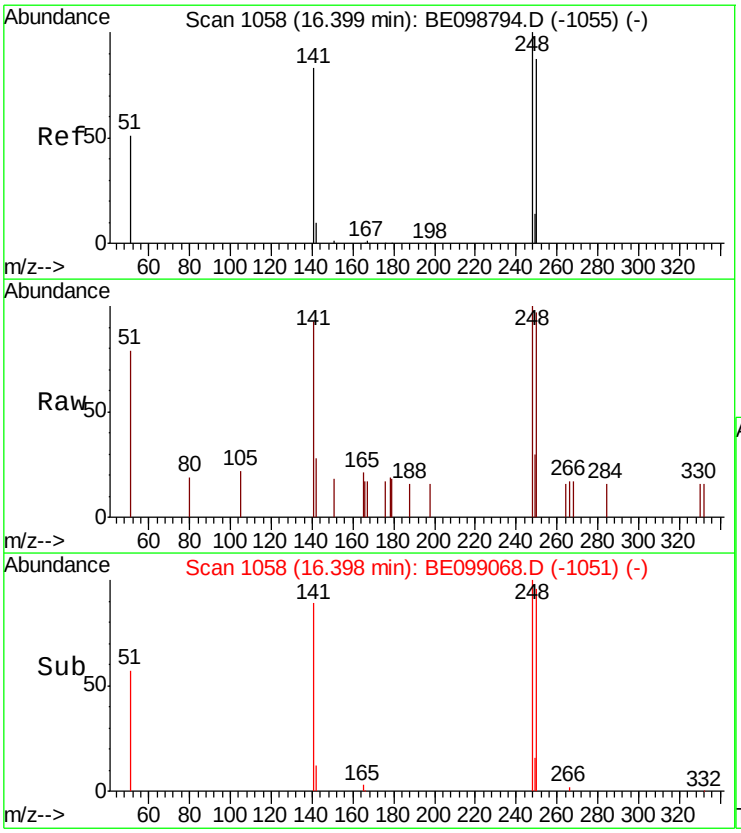
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 5764

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	6.3	9.5#

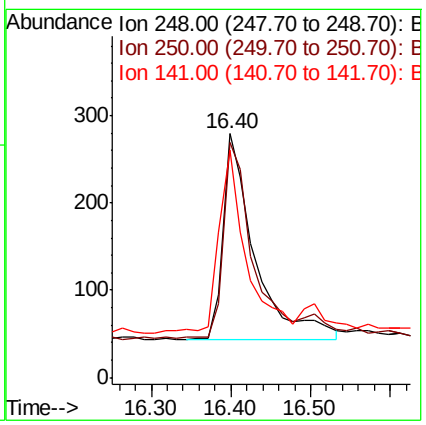


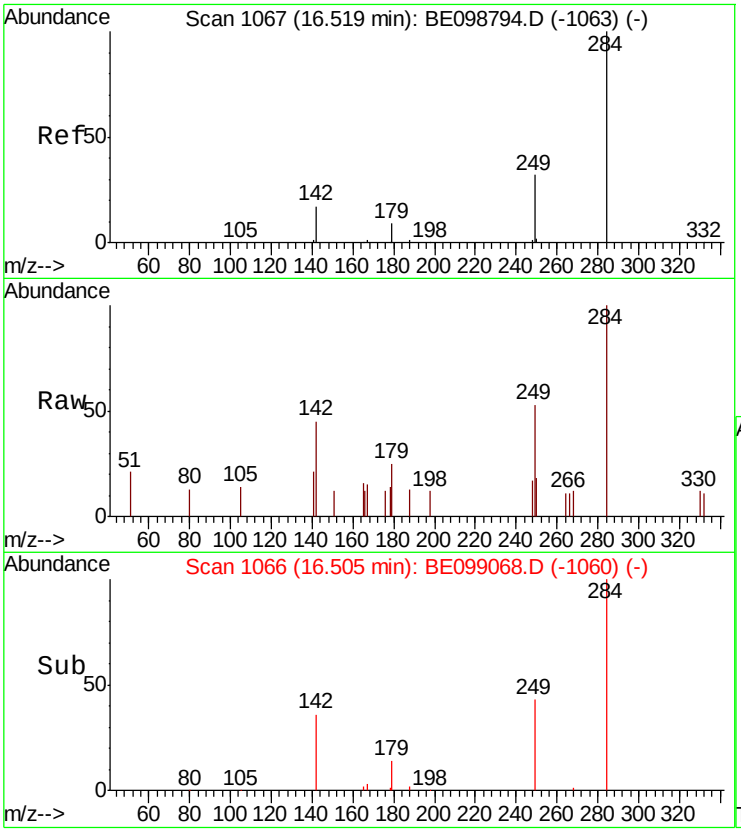


#20
4-Bromophenyl-phenylether
Concen: 0.206 ng
RT: 16.40 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:248 Resp: 645

Ion	Ratio	Lower	Upper
248	100		
250	96.8	70.6	105.8
141	93.2	68.6	102.8



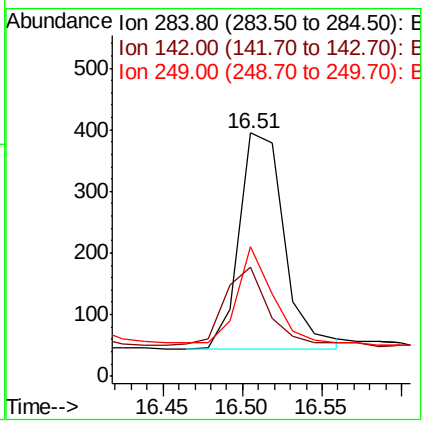


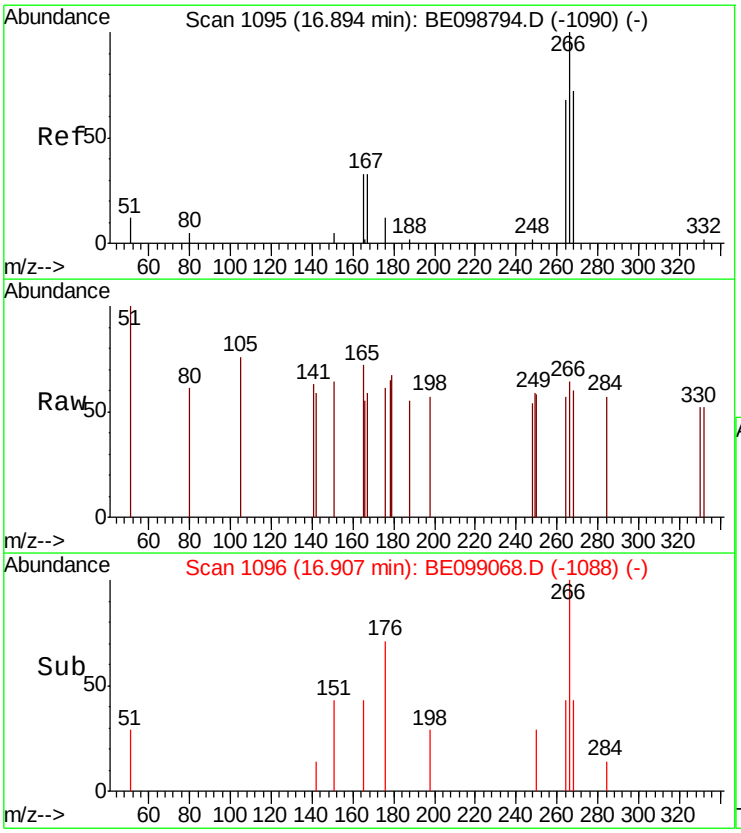
#21
Hexachlorobenzene
Concen: 0.188 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 700

Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.7	43.1
249	33.9	29.6	44.4

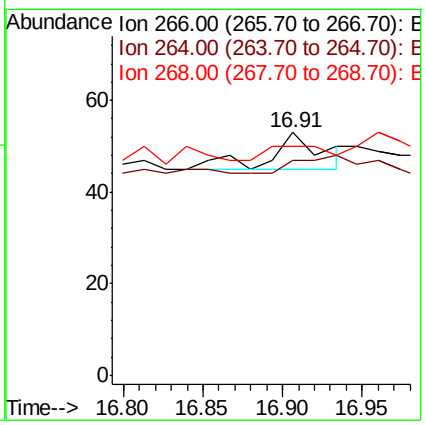


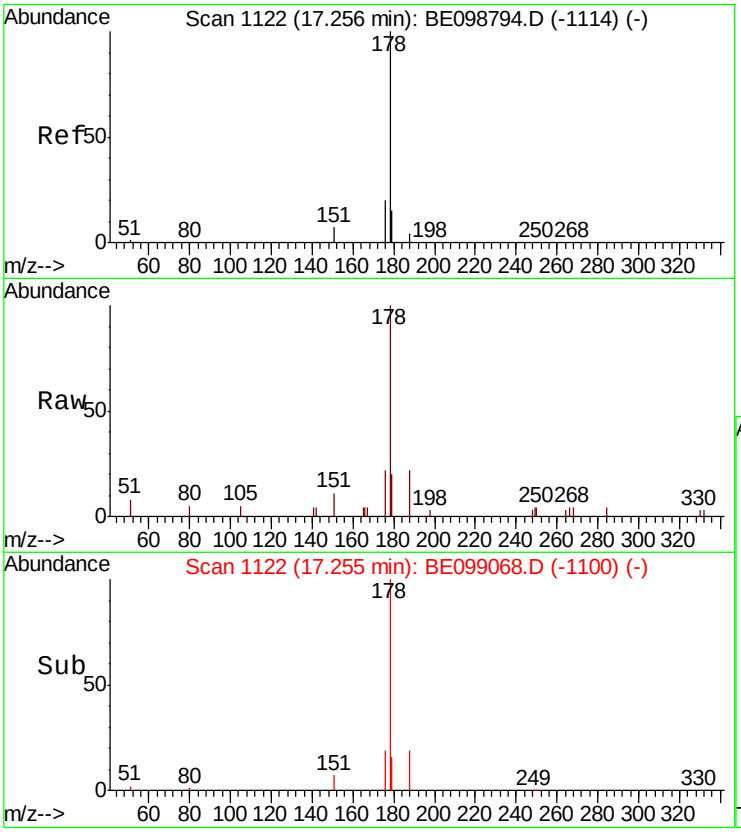


#22
Pentachlorophenol
Concen: 0.279 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	88.7	66.6	100.0
268	94.3	69.8	104.8



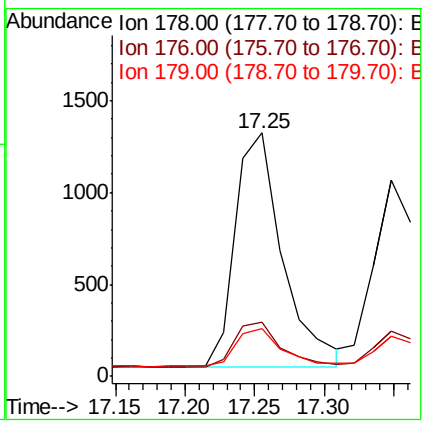


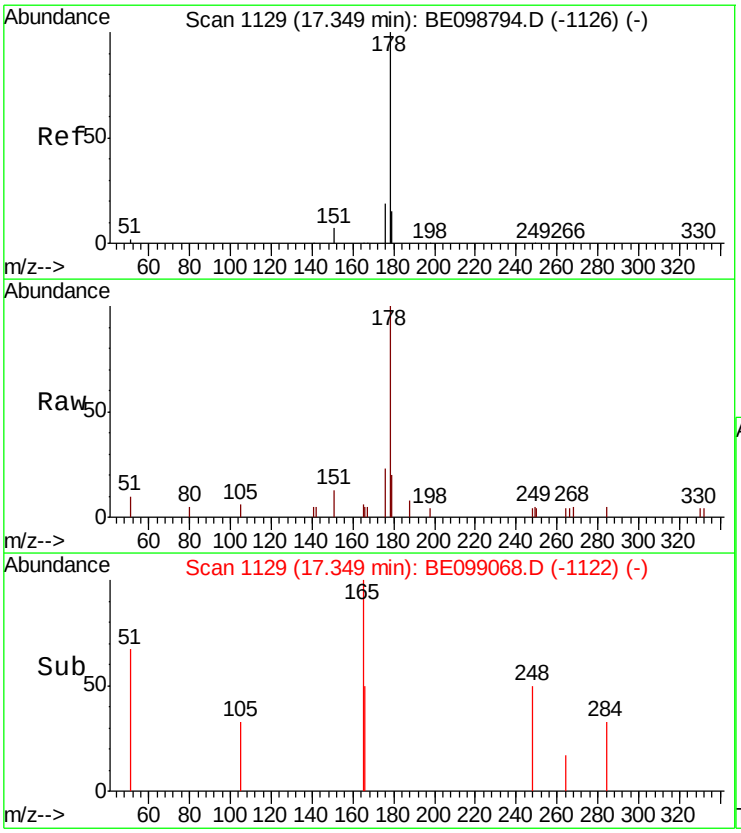
#23
Phenanthrene
Concen: 0.183 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2996

Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.7	12.1	18.1

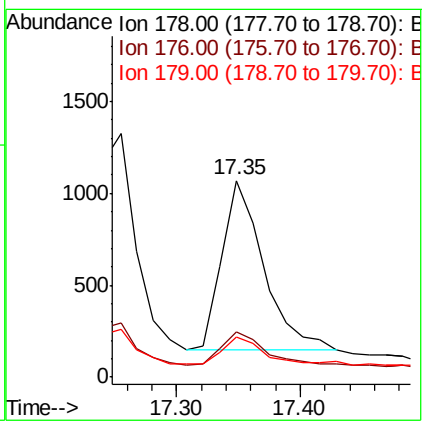


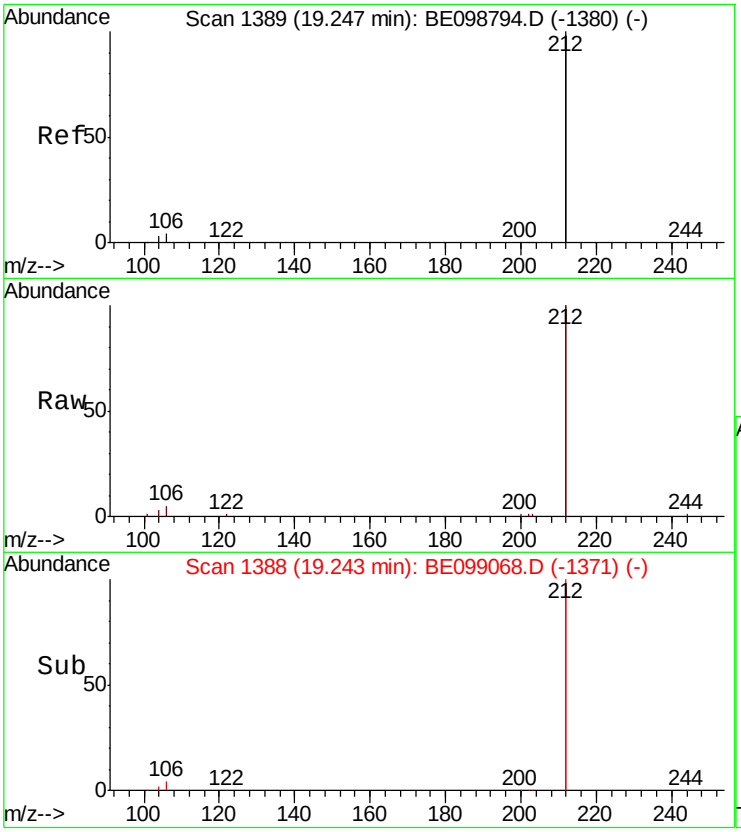


#24
Anthracene
Concen: 0.153 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:178 Resp: 2143

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.4



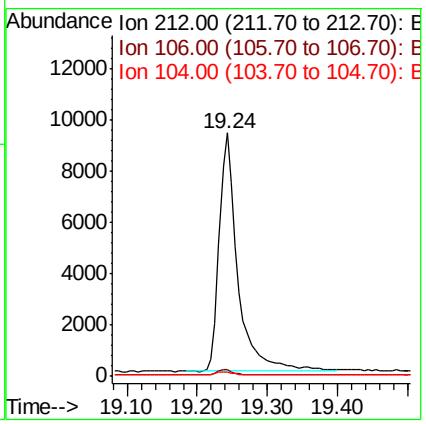


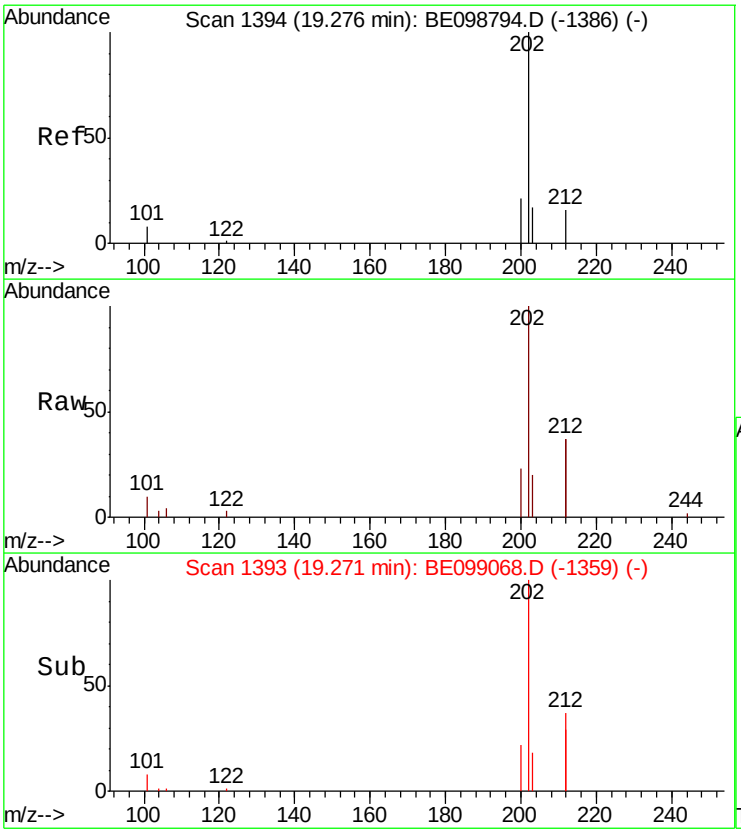
#25
Fluoranthene-d10
Concen: 0.187 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 17211

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6

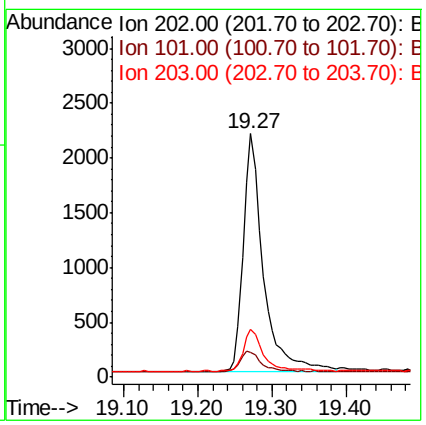


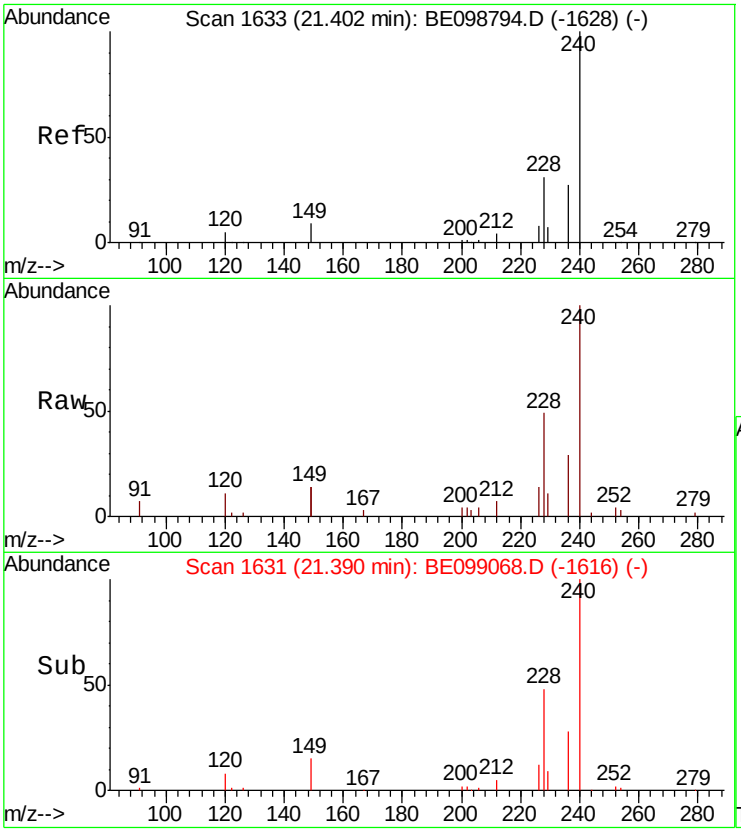


#26
Fluoranthene
Concen: 0.177 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:202 Resp: 4094

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.3	10.9
203	17.2	13.4	20.2



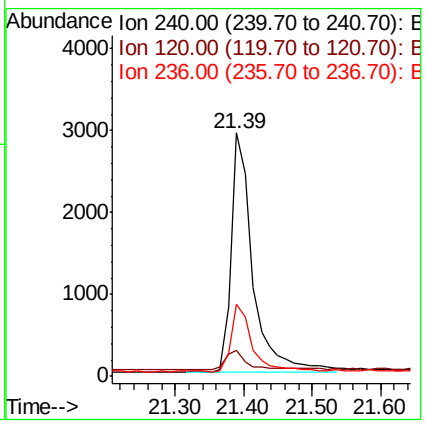


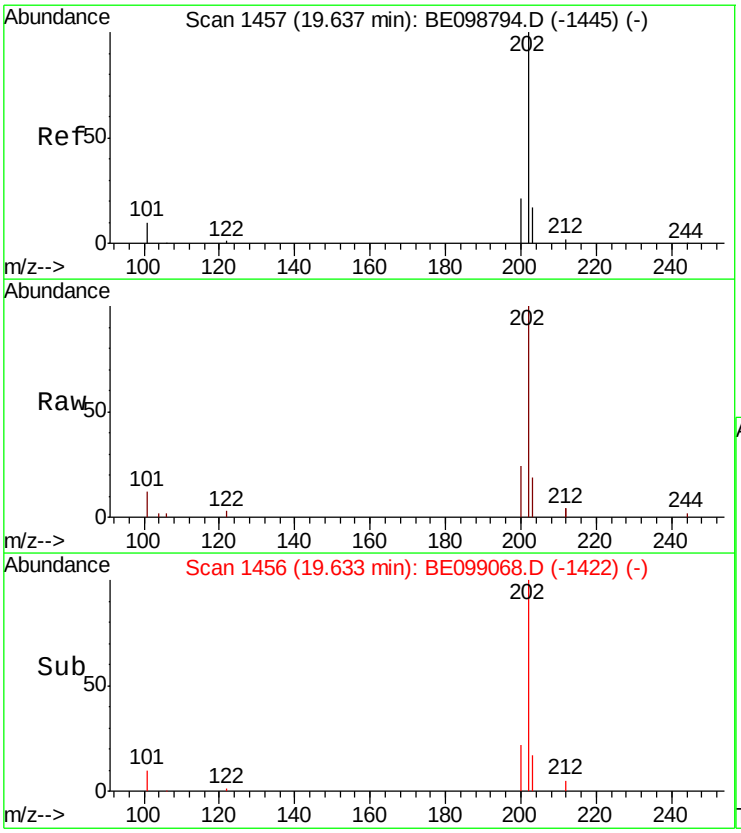
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6387

Ion	Ratio	Lower	Upper
240	100		
120	10.7	5.0	7.4#
236	29.4	22.7	34.1

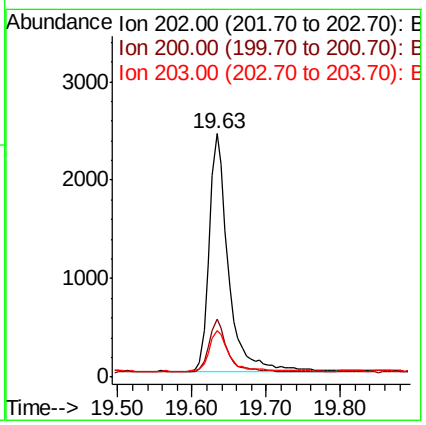


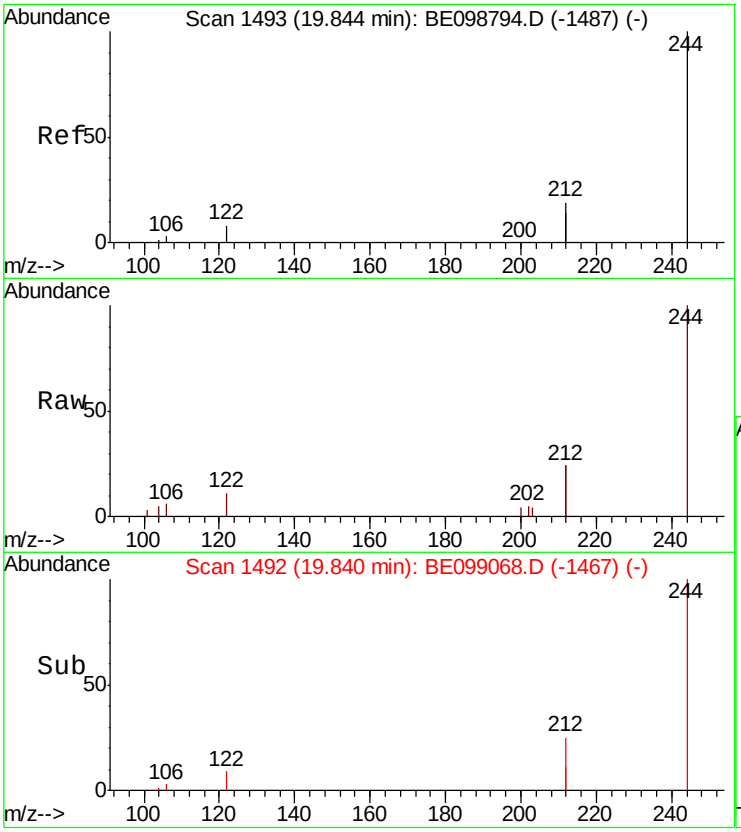


#28
Pyrene
Concen: 0.221 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:202 Resp: 4323

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	18.2	14.2	21.2



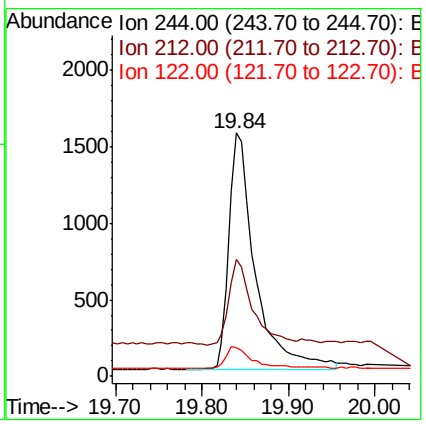


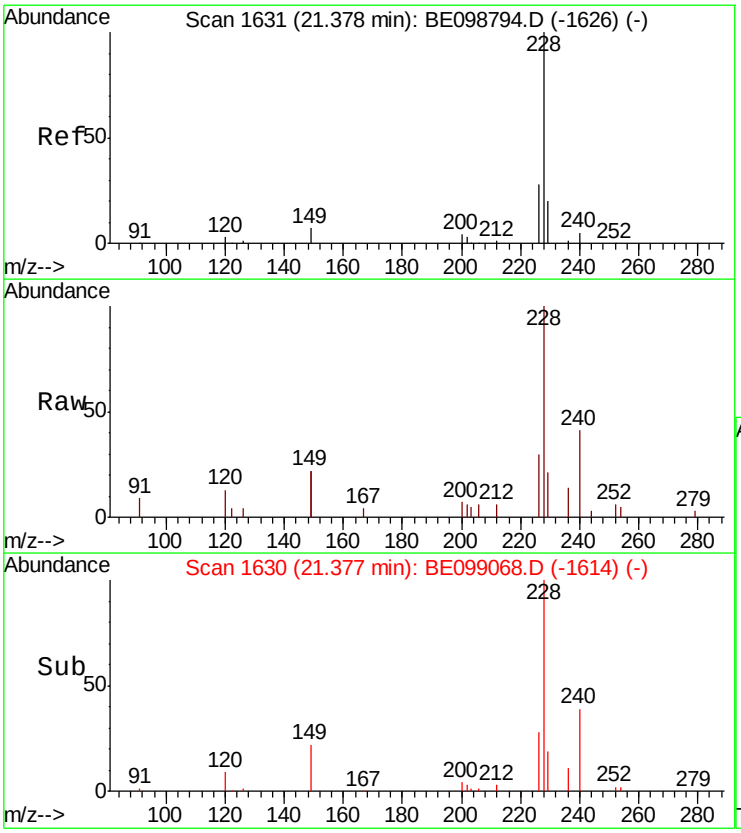
#29
Terphenyl-d14
Concen: 0.209 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 3238

Ion	Ratio	Lower	Upper
244	100		
212	47.9	29.4	44.2#
122	11.5	7.1	10.7#

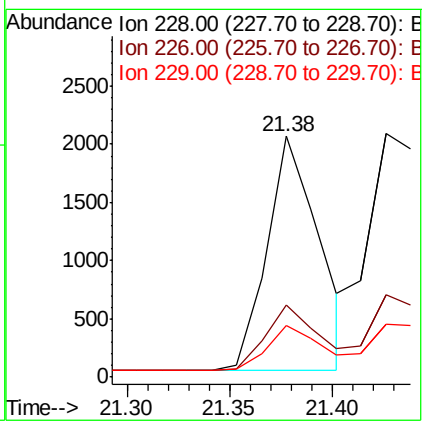


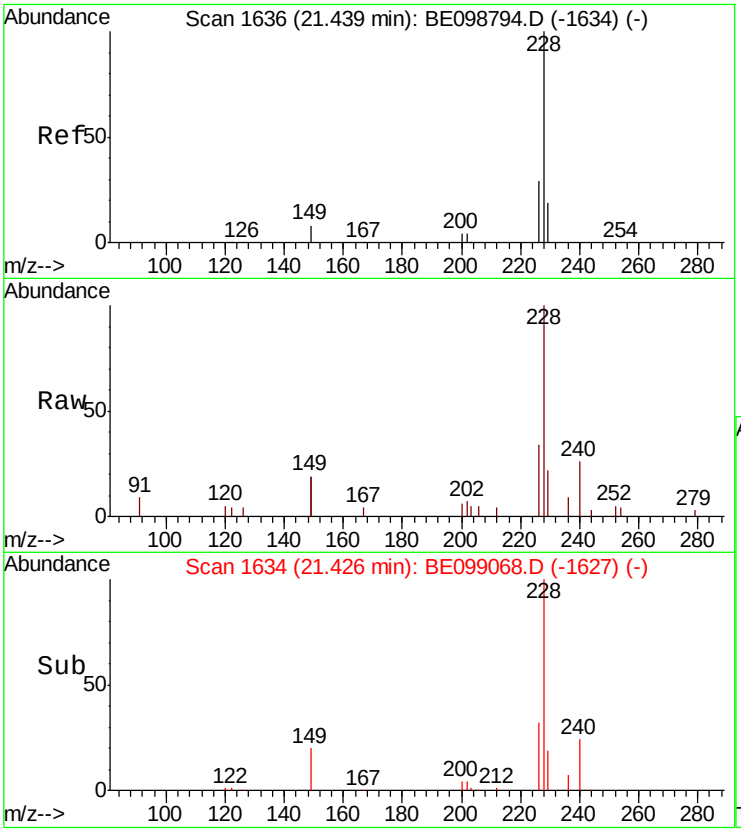


#30
Benzo(a)anthracene
Concen: 0.178 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:228 Resp: 3557

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	21.3	16.5	24.7



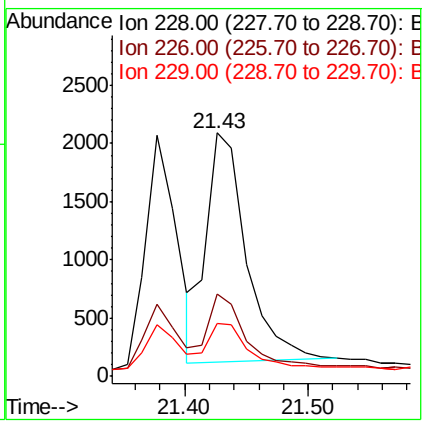


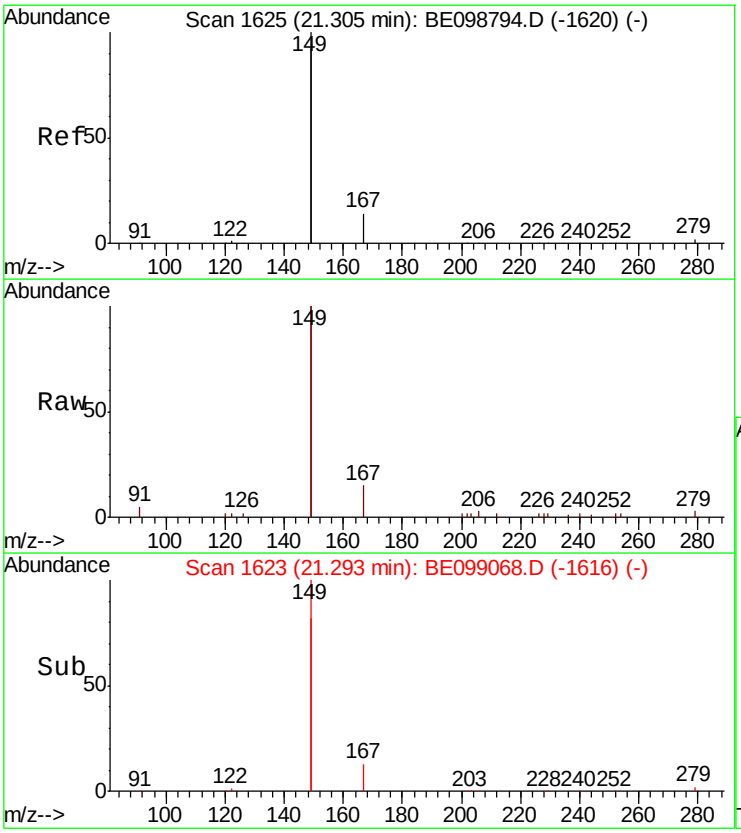
#31
Chrysene
Concen: 0.208 ng
RT: 21.43 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 4442

Ion	Ratio	Lower	Upper
228	100		
226	33.6	23.7	35.5
229	21.8	16.1	24.1

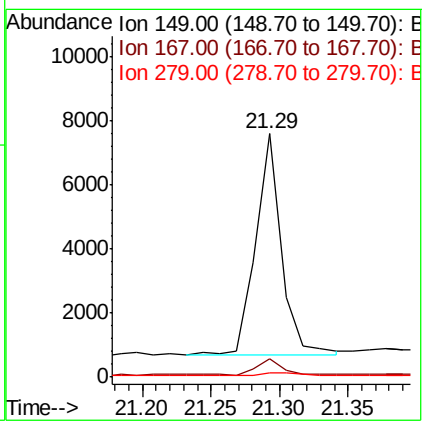


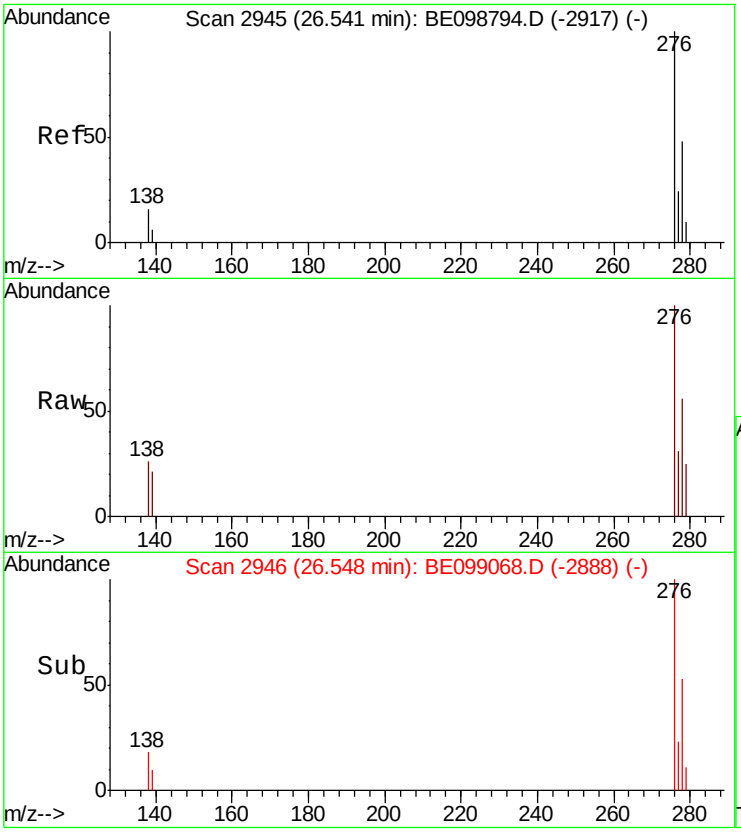


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.211 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:149 Resp: 8966

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	1.4	1.0	1.4



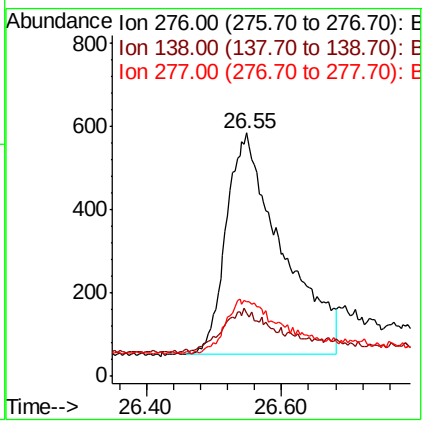


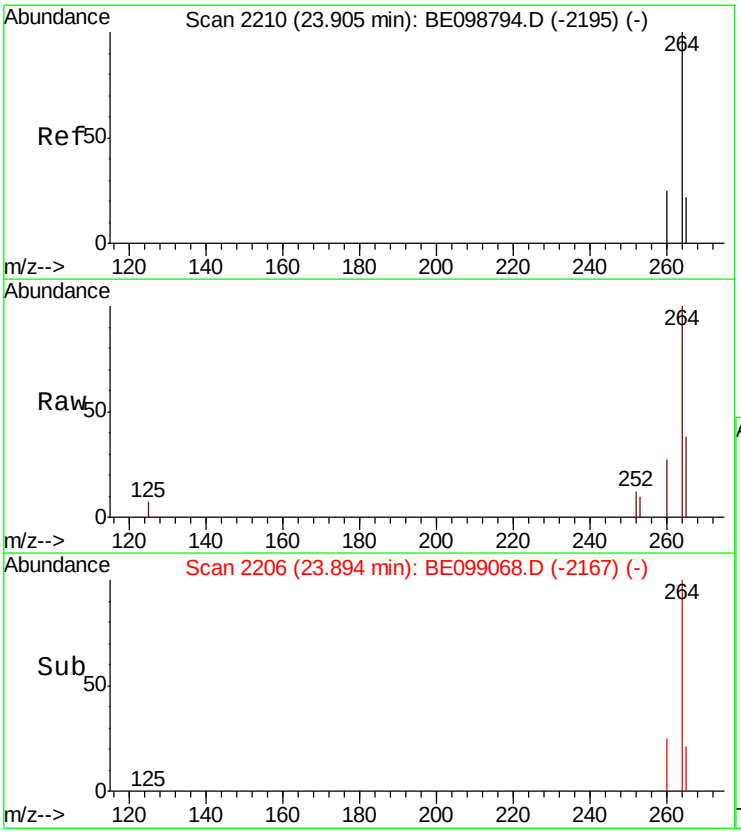
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng
RT: 26.55 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3045

Ion	Ratio	Lower	Upper
276	100		
138	6.6	13.8	20.8#
277	7.5	19.5	29.3#

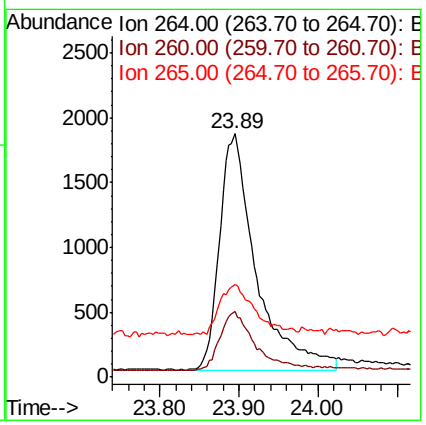


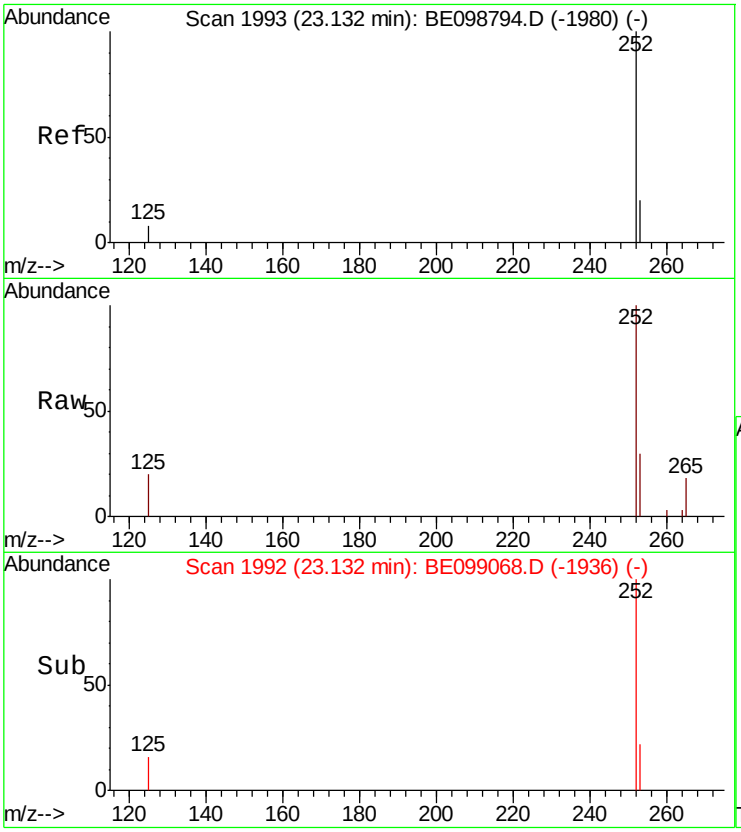


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:264 Resp: 5884

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.2	31.8
265	38.0	24.6	36.8#



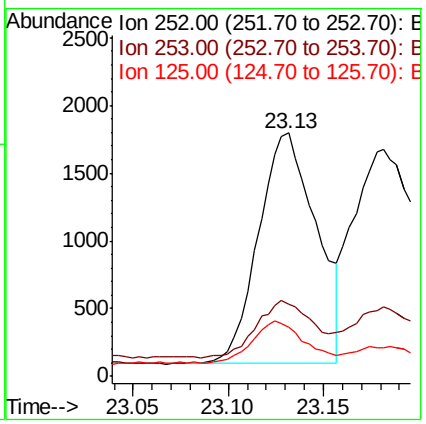


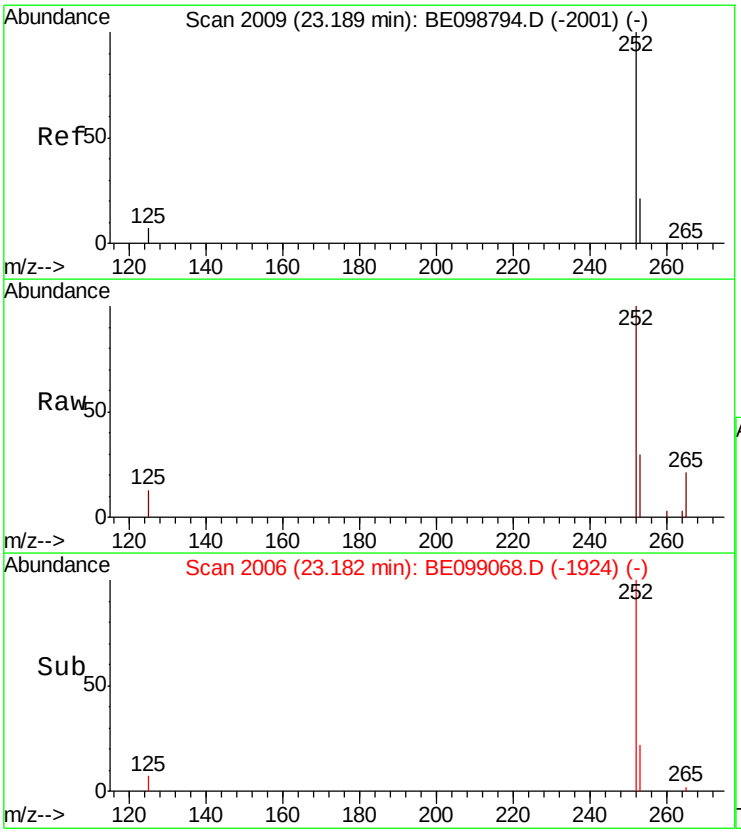
#35
Benzo(b)fluoranthene
Concen: 0.186 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3600

Ion	Ratio	Lower	Upper
252	100		
253	29.5	18.2	27.2#
125	20.3	7.3	10.9#

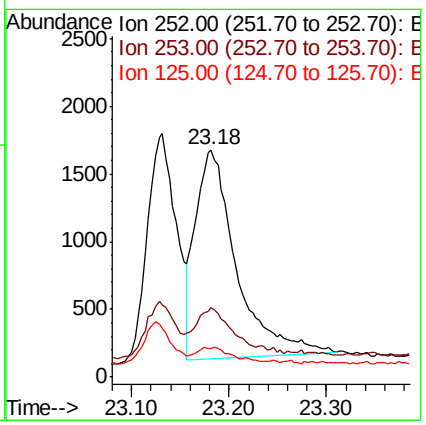


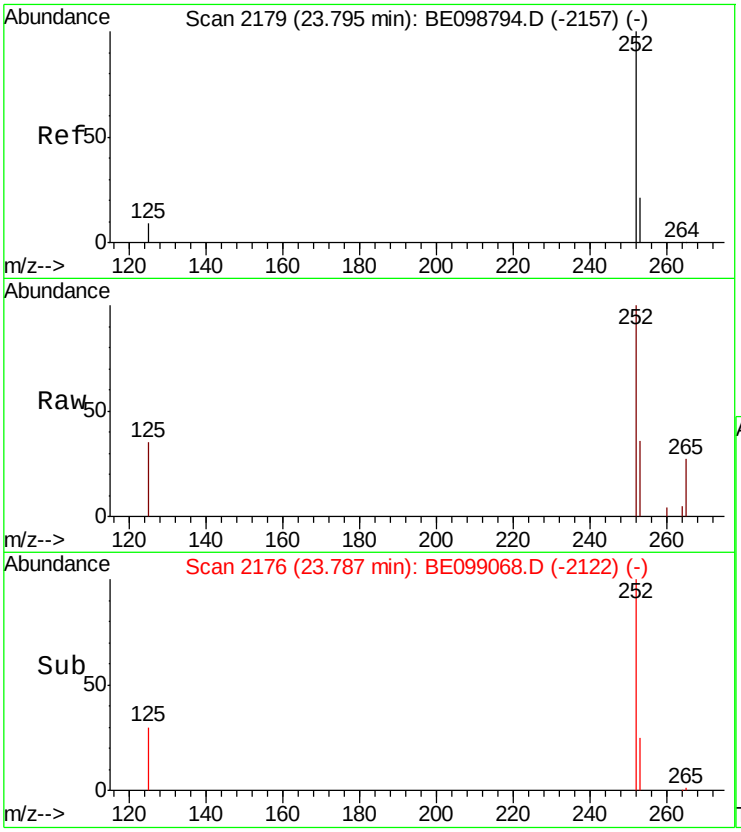


#36
Benzo(k)fluoranthene
Concen: 0.223 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:252 Resp: 4510

Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.3	28.9#
125	12.7	7.5	11.3#



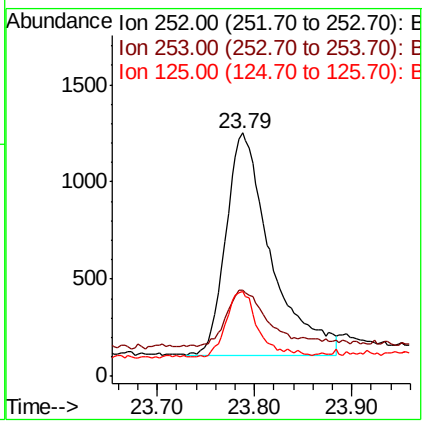


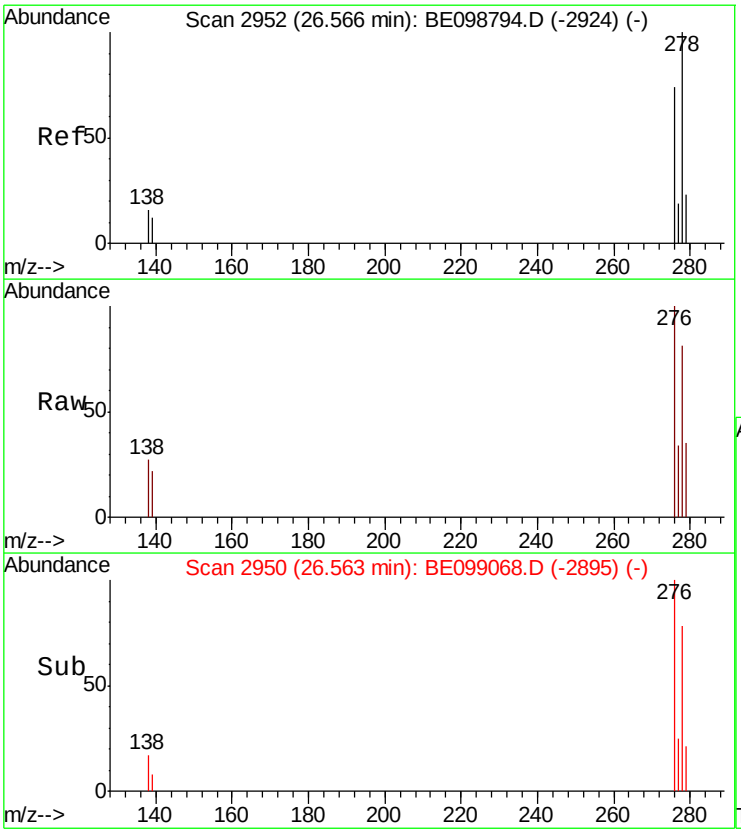
#37
Benzo(a)pyrene
Concen: 0.200 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 3704

Ion	Ratio	Lower	Upper
252	100		
253	35.6	19.9	29.9#
125	34.7	9.0	13.4#

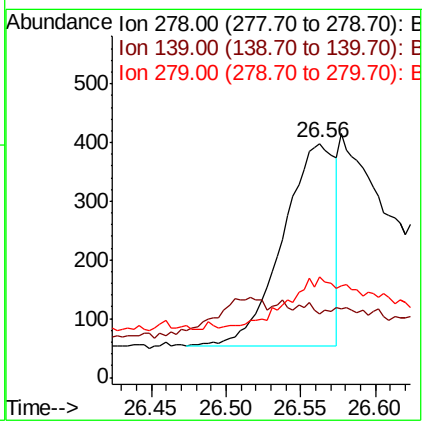


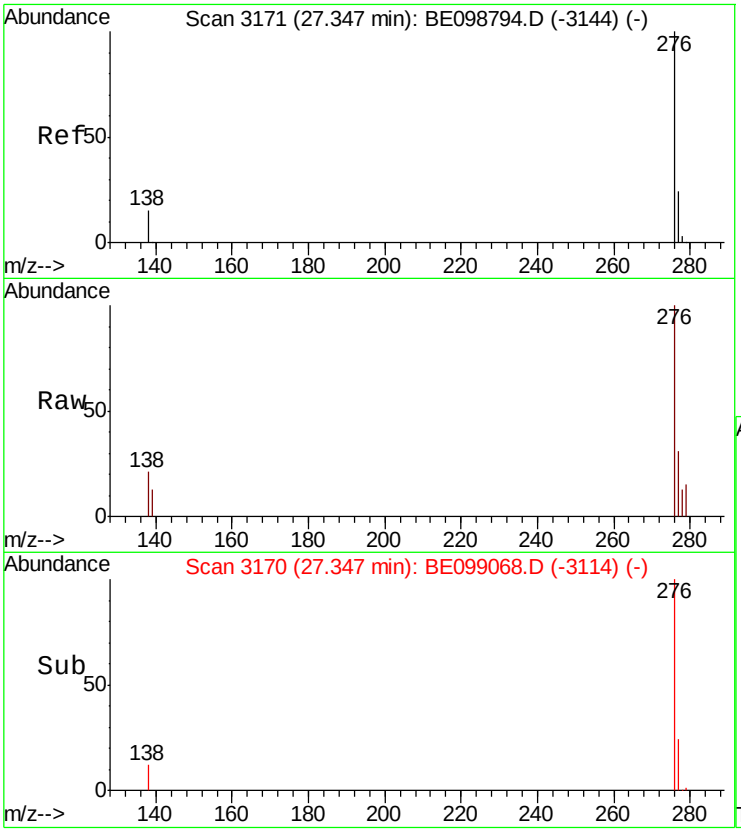


#38
Dibenzo(a,h)anthracene
Concen: 0.047 ng
RT: 26.56 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Tgt Ion:278 Resp: 831

Ion	Ratio	Lower	Upper
278	100		
139	27.3	11.8	17.6#
279	42.9	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.149 ng
RT: 27.35 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE099068.D
Acq: 20 Mar 2019 14:38

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 2734

Ion	Ratio	Lower	Upper
276	100		
277	31.1	20.4	30.6#
138	21.5	13.6	20.4#