Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
Data File : BE099069.D
Acq On : 20 Mar 2019 15:16
Operator : JU/SJ
Sample : PB118045BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118045BSD

Quant Time: Mar 20 17:51:10 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	7.79	152	698	0.40	ng		0.00
7) Naphthalene-d8	10.59	136	3200	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	2241	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	5737	0.40	ng		0.00
27) Chrysene-d12	21.39	240	6519	0.40	ng		-0.01
34) Perylene-d12	23.89	264	5741	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	449	0.22	ng		0.02
5) Phenol-d6	7.01	99	547	0.19	ng		0.02
8) Nitrobenzene-d5	8.99	82	542	0.16	ng		0.03
11) 2-Methylnaphthalene-d10	12.21	152	1528	0.26	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	129	0.11	ng		0.01
15) 2-Fluorobiphenyl	13.09	172	1971	0.21	ng		0.00
25) Fluoranthene-d10	19.24	212	17635	0.19	ng		0.00
29) Terphenyl-d14	19.85	244	3209	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	505	0.366	ng	#	69
3) n-Nitrosodimethylamine	3.64	42	235	0.134	ng	#	14
6) bis(2-Chloroethyl)ether	7.24	93	321	0.141	ng	#	98
9) Naphthalene	10.64	128	7661	0.209	ng	#	97
10) Hexachlorobutadiene	10.91	225	464	0.191	ng		98
12) 2-Methylnaphthalene	12.28	142	1141	0.192	ng		92
16) Acenaphthylene	14.18	152	2151	0.187	ng		99
17) Acenaphthene	14.53	154	1284	0.188	ng		96
18) Fluorene	15.50	166	1883	0.191	ng		97
20) 4-Bromophenyl-phenylether	16.41	248	662	0.213	ng		86
21) Hexachlorobenzene	16.52	284	729	0.197	ng		95
22) Pentachlorophenol	16.91	266	10	0.272	ng		86
23) Phenanthrene	17.26	178	3277	0.201	ng		98
24) Anthracene	17.35	178	2332	0.167	ng		99
26) Fluoranthene	19.27	202	4120	0.179	ng		98
28) Pyrene	19.63	202	4312	0.216	ng		100
30) Benzo(a)anthracene	21.38	228	3989	0.196	ng		98
31) Chrysene	21.44	228	4101	0.188	ng		96
32) Bis(2-ethylhexyl)phthalate	21.29	149	8987	0.208	ng		100
33) Indeno(1,2,3-cd)pyrene	26.55	276	2401	0.104	ng	#	84
35) Benzo(b)fluoranthene	23.14	252	3575	0.189	ng	#	83
36) Benzo(k)fluoranthene	23.18	252	4695	0.238	ng	#	89
37) Benzo(a)pyrene	23.79	252	3557	0.197	ng	#	66
38) Dibenzo(a,h)anthracene	26.58	278	1935	0.113	ng	#	71
39) Benzo(g,h,i)perylene	27.34	276	974	0.054	ng	#	79

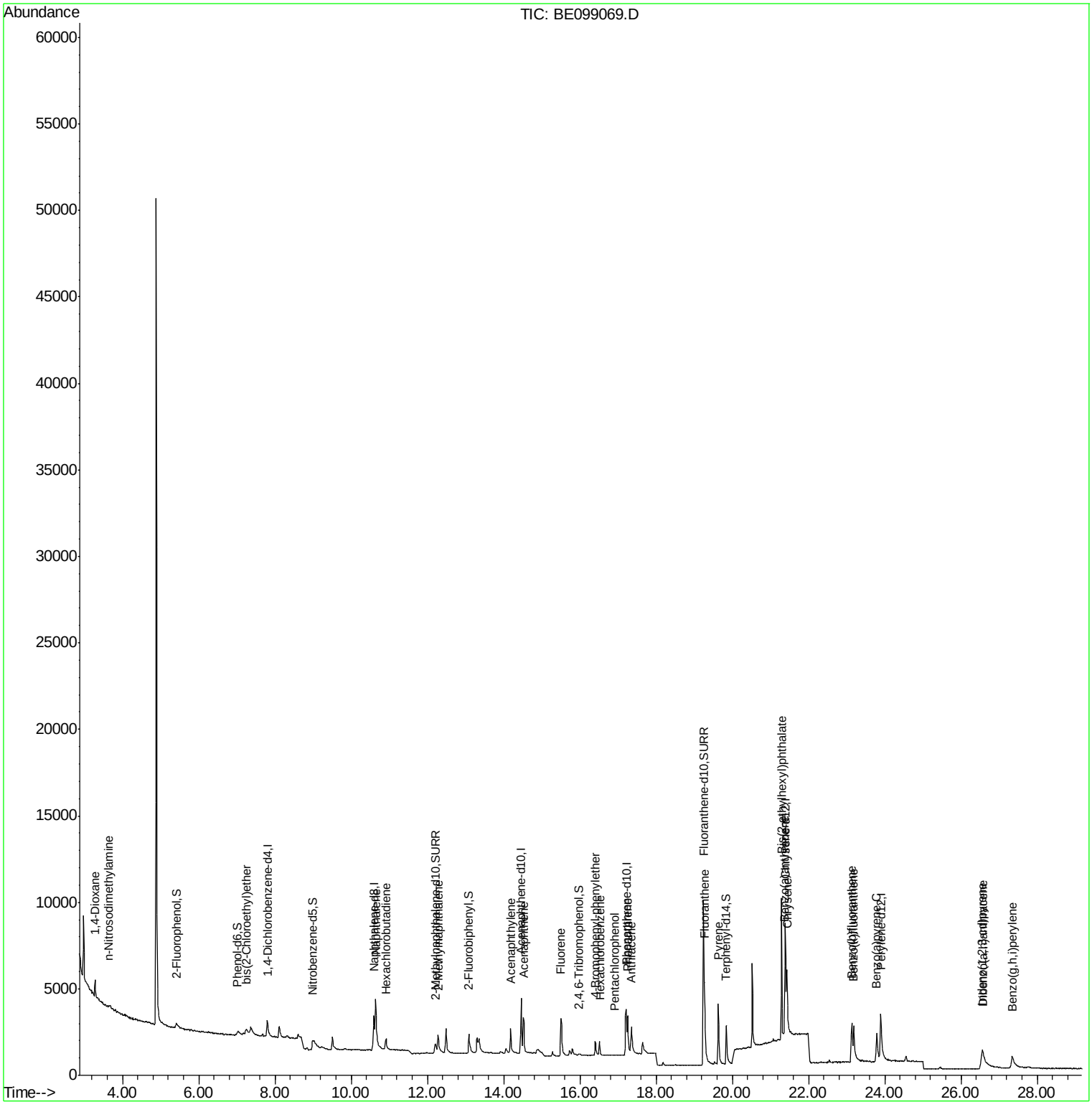
(#) = qualifier out of range (m) = manual integration (+) = signals summed

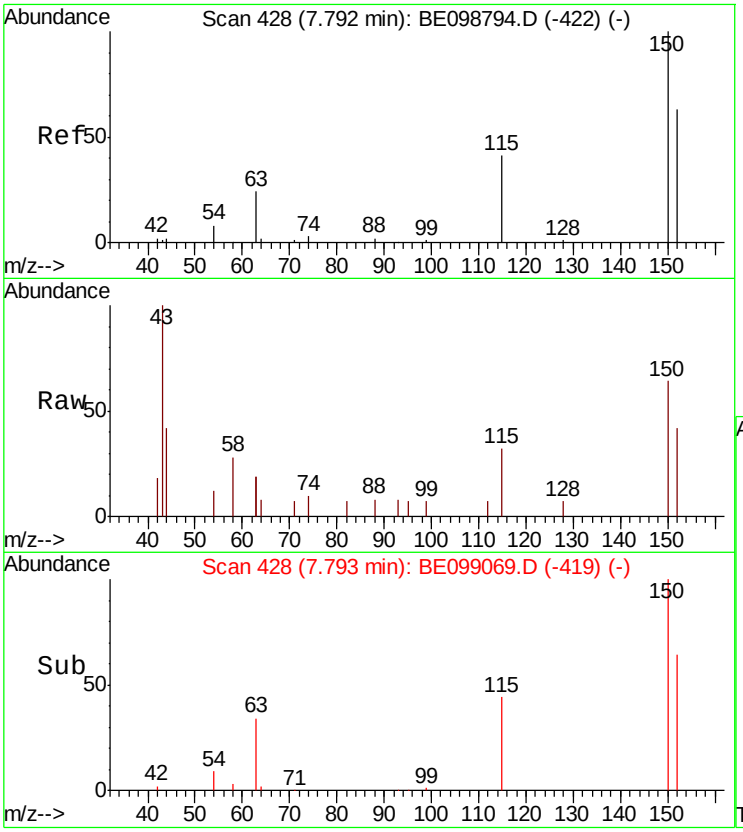
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032019\
Data File : BE099069.D
Acq On : 20 Mar 2019 15:16
Operator : JU/SJ
Sample : PB118045BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Quant Time: Mar 20 17:51:10 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



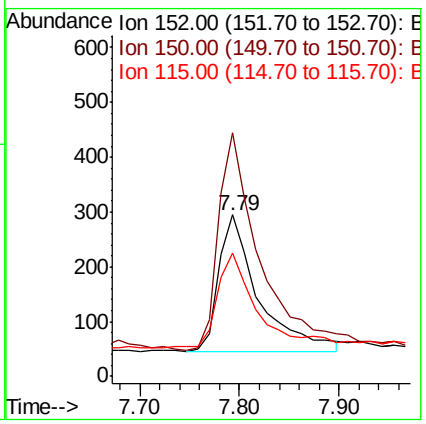


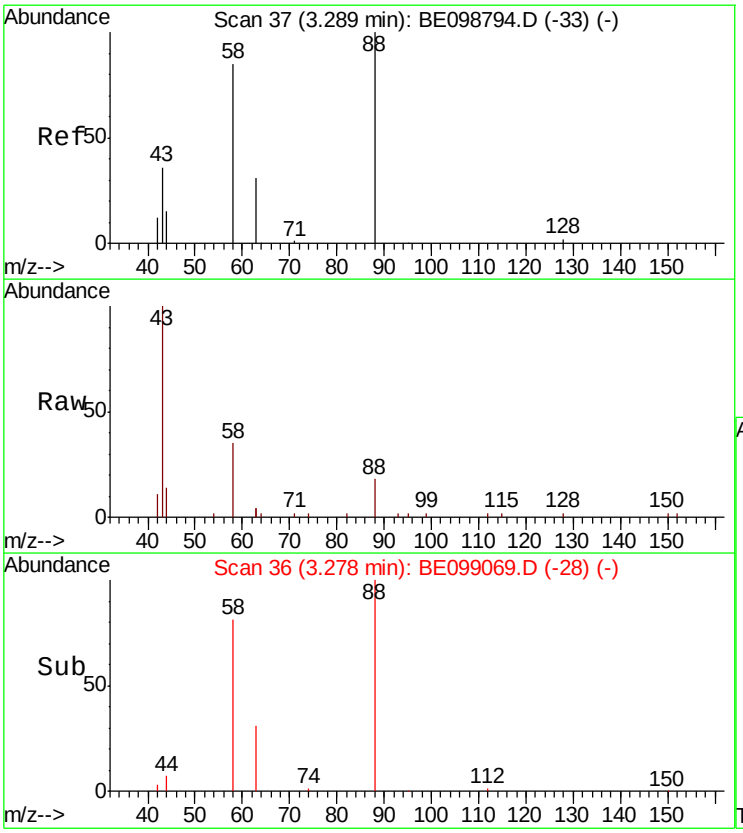
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:152 Resp: 698

Ion	Ratio	Lower	Upper
152	100		
150	150.5	122.5	183.7
115	76.6	57.4	86.2

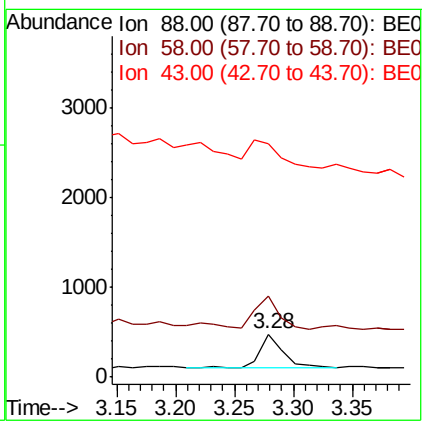


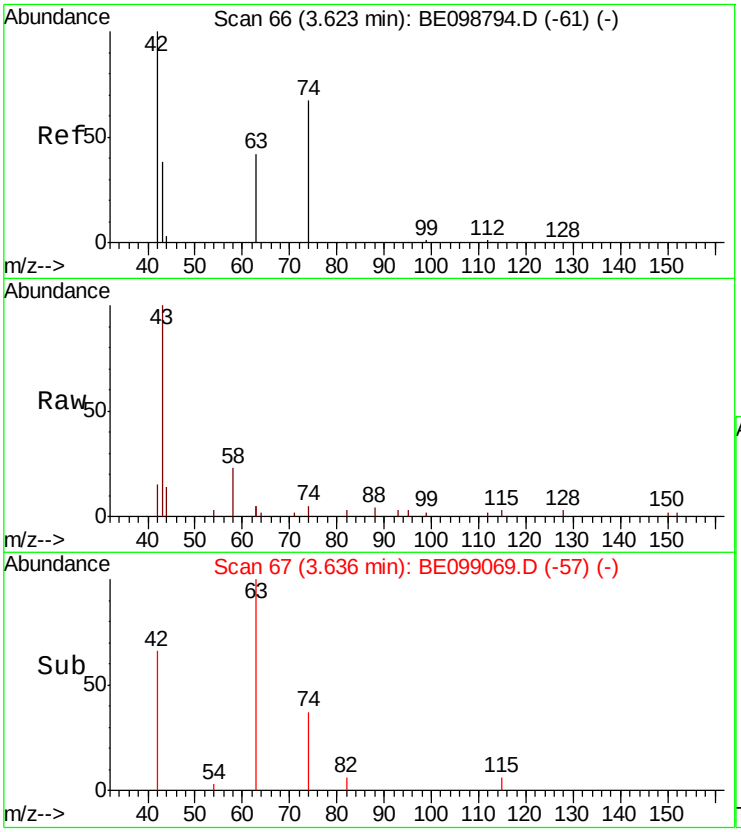


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion: 88 Resp: 505

Ion	Ratio	Lower	Upper
88	100		
58	100.8	75.8	113.6
43	105.7	41.8	62.8#



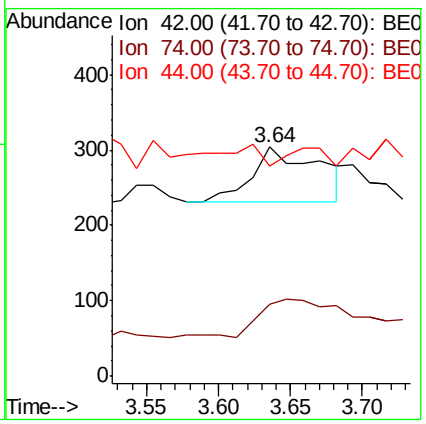


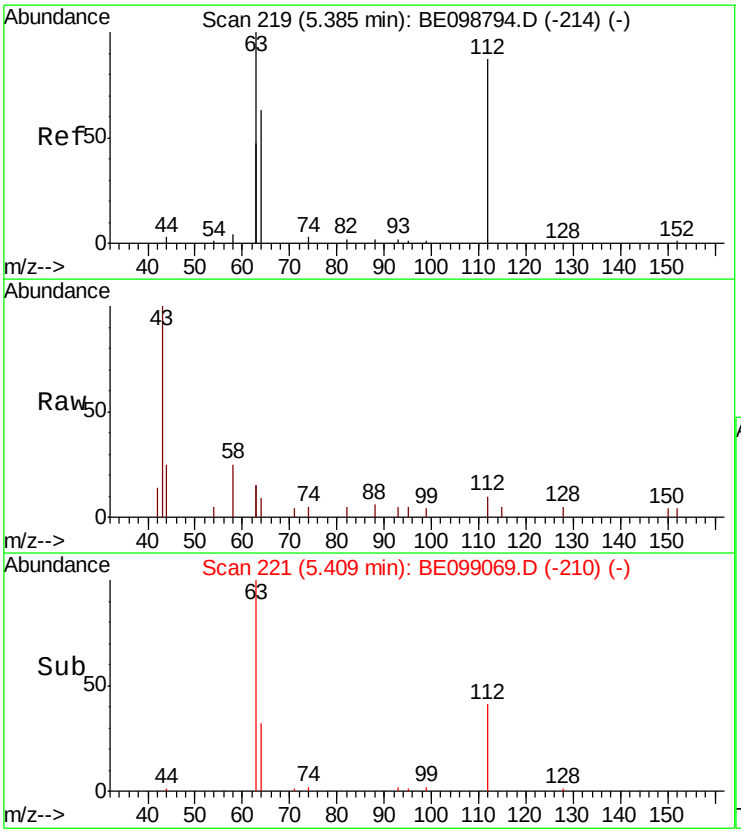
#3
n-Nitrosodimethylamine
Concen: 0.134 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion: 42 Resp: 235

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

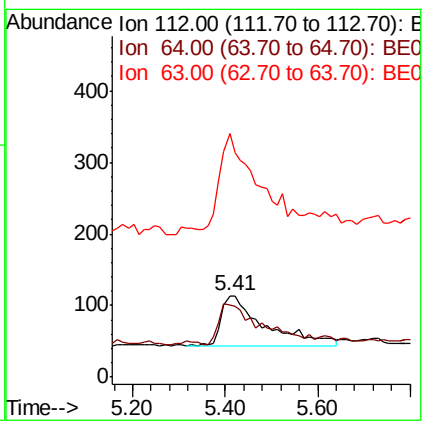


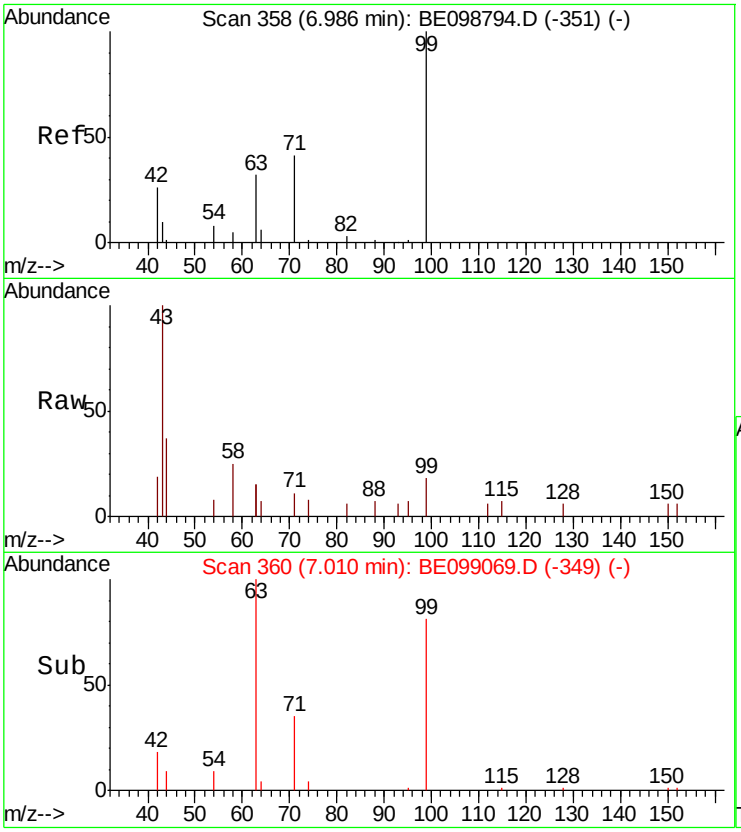


#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:112 Resp: 449

Ion	Ratio	Lower	Upper
112	100		
64	78.4	57.9	86.9
63	170.6	158.3	237.5



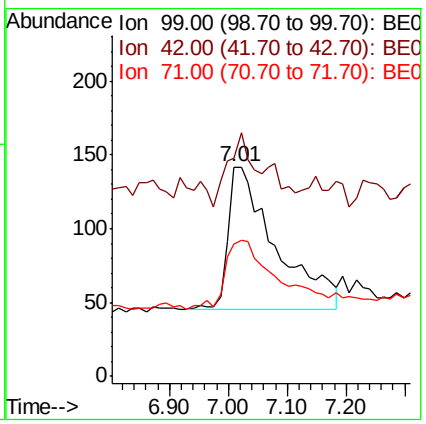


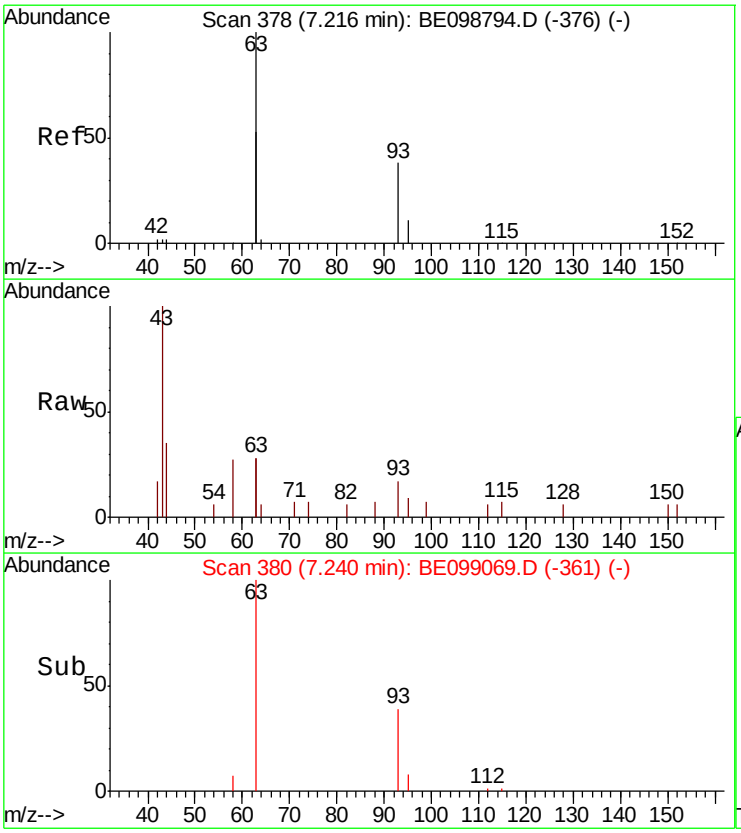
#5
Phenol-d6
Concen: 0.186 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion: 99 Resp: 547

Ion	Ratio	Lower	Upper
99	100		
42	26.7	24.2	36.2
71	53.7	35.7	53.5#

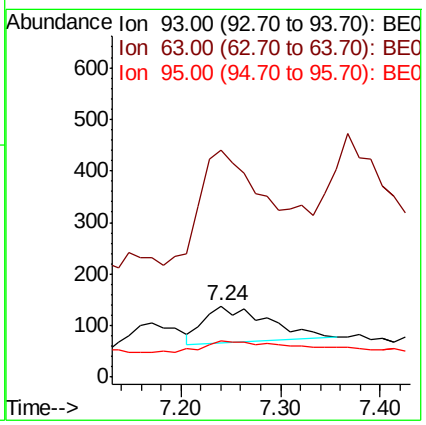


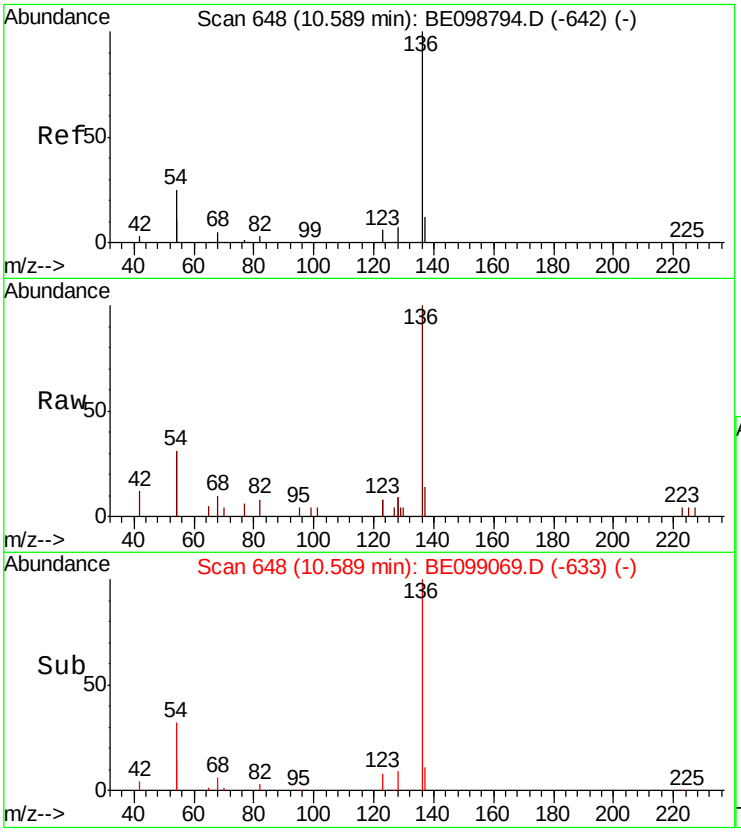


#6
bis(2-Chloroethyl)ether
Concen: 0.141 ng
RT: 7.24 min Scan# 380
Delta R.T. 0.02 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion: 93 Resp: 321

Ion	Ratio	Lower	Upper
93	100		
63	310.0	247.5	371.3
95	39.3	21.8	32.8#



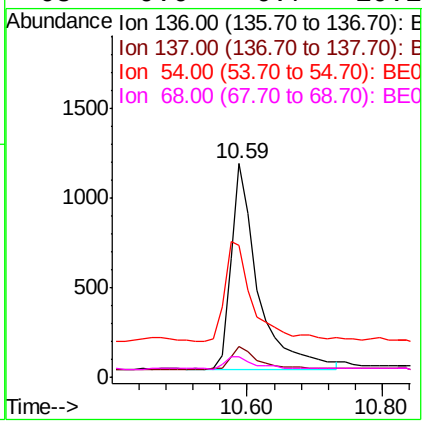


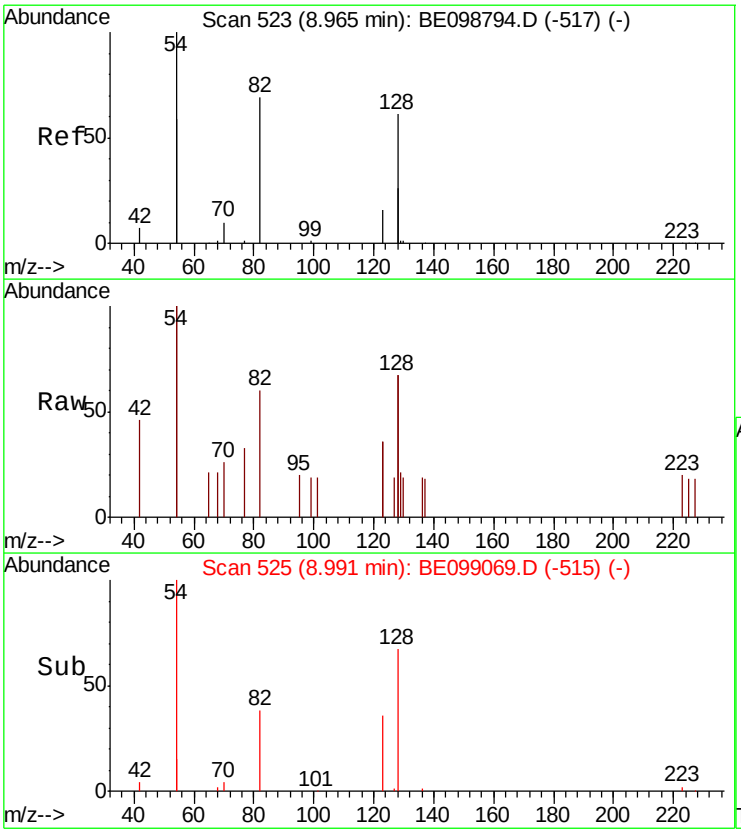
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:136 Resp: 3200

Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.4	17.0
54	61.5	39.3	58.9#
68	9.6	6.7	10.1

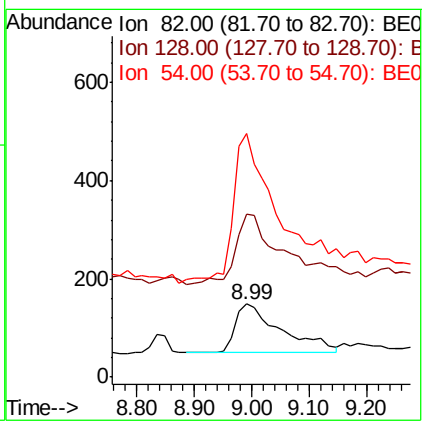


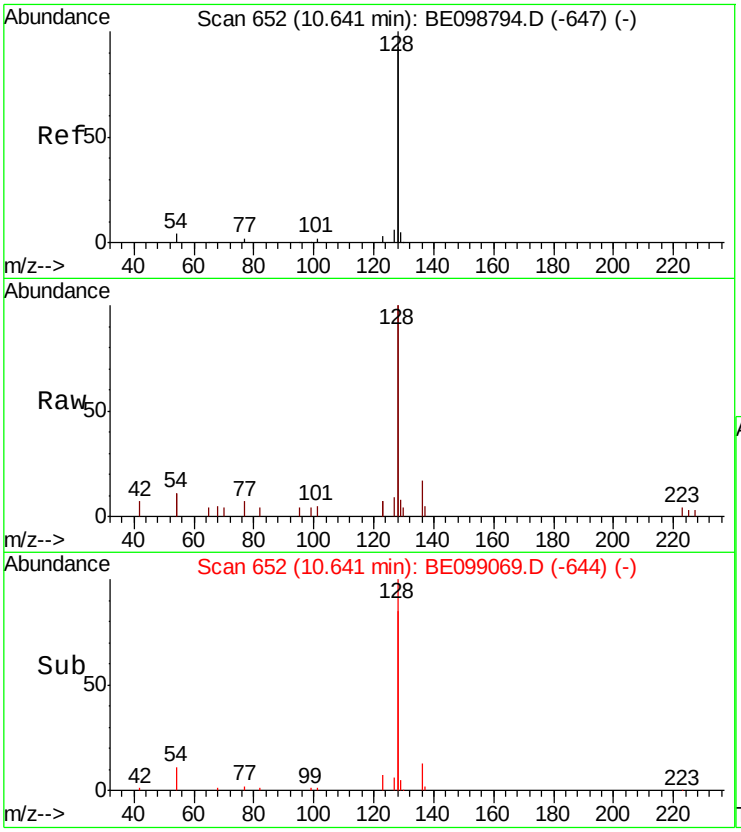


#8
Nitrobenzene-d5
Concen: 0.162 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion: 82 Resp: 542

Ion	Ratio	Lower	Upper
82	100		
128	222.8	123.8	185.8#
54	332.9	203.4	305.2#



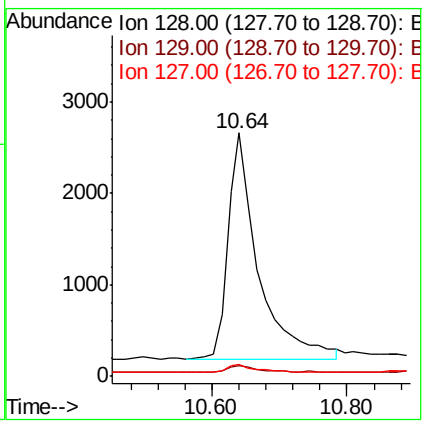


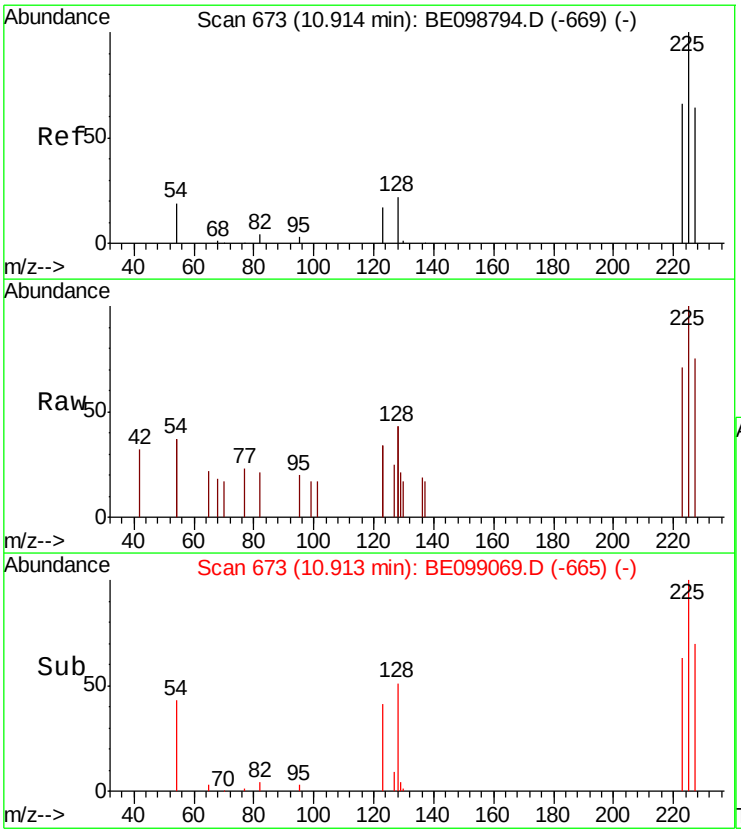
#9
Naphthalene
Concen: 0.209 ng
RT: 10.64 min Scan# 652
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:128 Resp: 7661

Ion	Ratio	Lower	Upper
128	100		
129	4.2	2.6	4.0#
127	4.7	3.1	4.7#

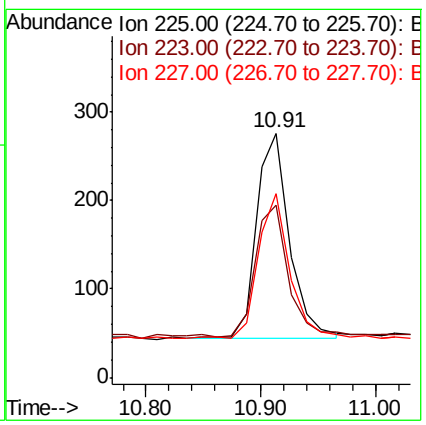


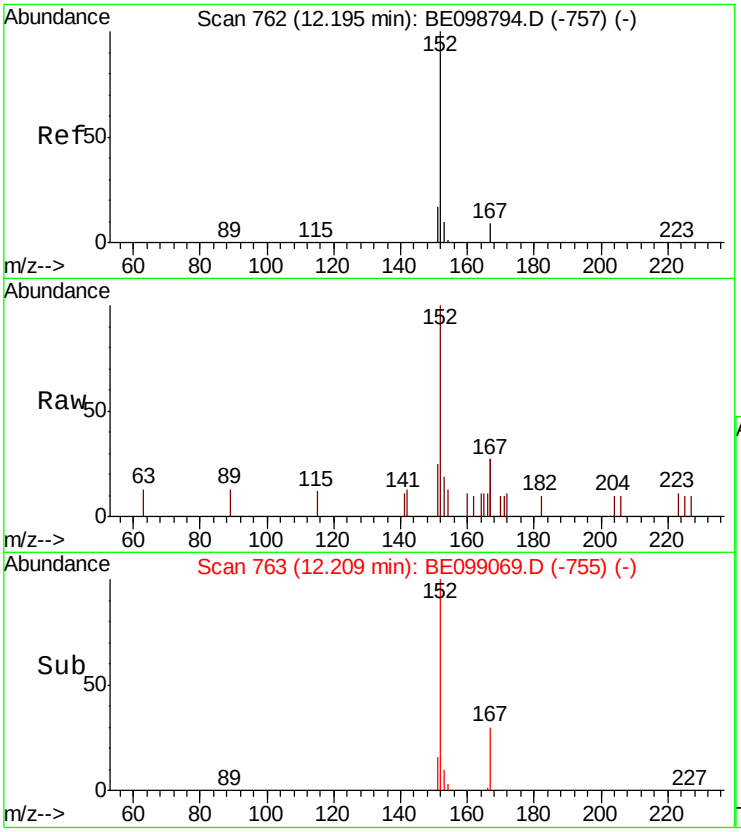


#10
Hexachlorobutadiene
Concen: 0.191 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:225 Resp: 464

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.1	76.7
227	67.5	51.6	77.4



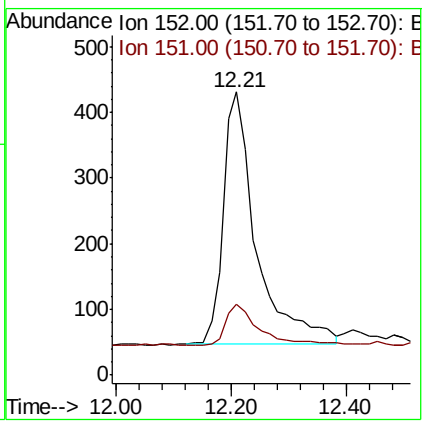


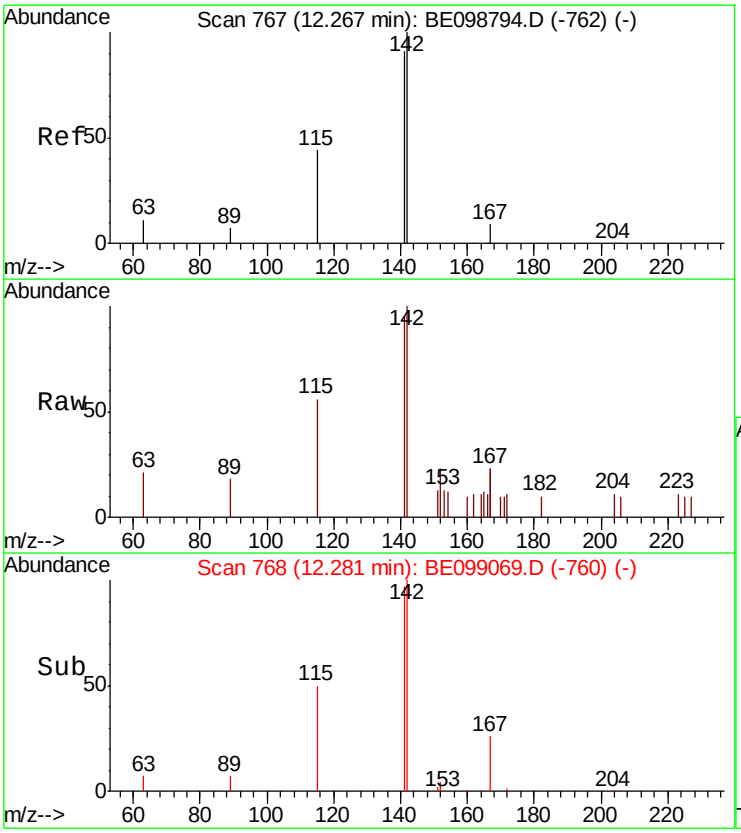
#11
2-Methylnaphthalene-d10
Concen: 0.258 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:152 Resp: 1528

Ion	Ratio	Lower	Upper
152	100		
151	16.2	16.5	24.7#

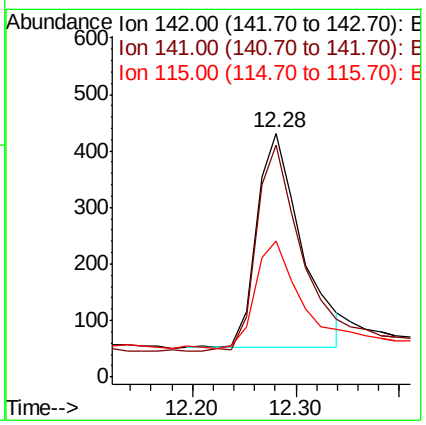


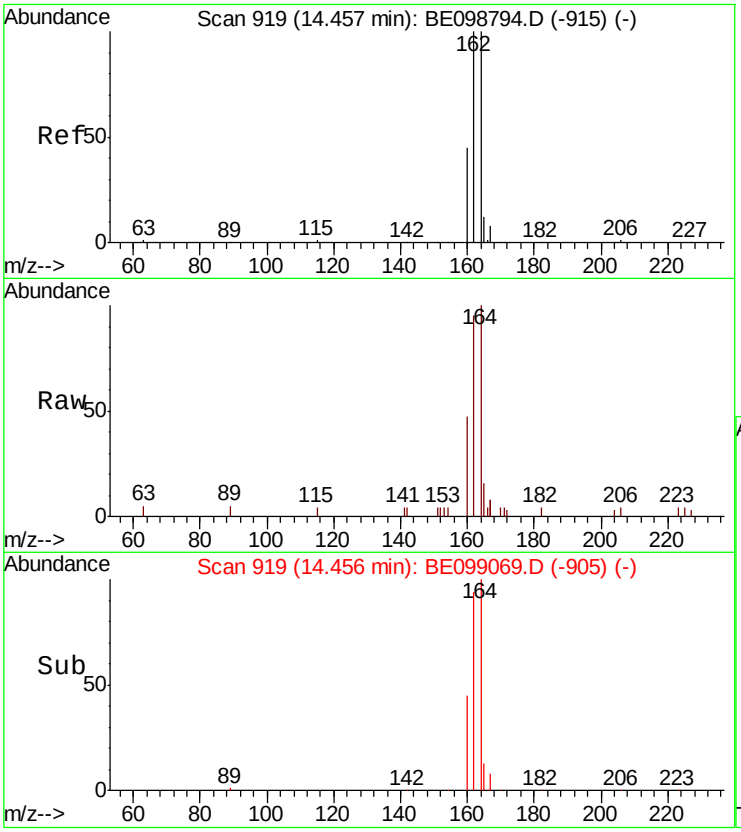


#12
2-Methylnaphthalene
Concen: 0.192 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:142 Resp: 1141

Ion	Ratio	Lower	Upper
142	100		
141	95.4	72.6	108.8
115	55.7	37.4	56.2



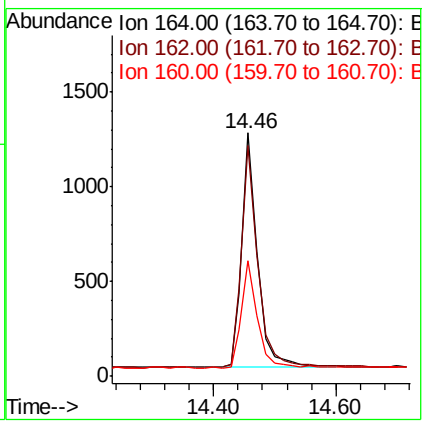


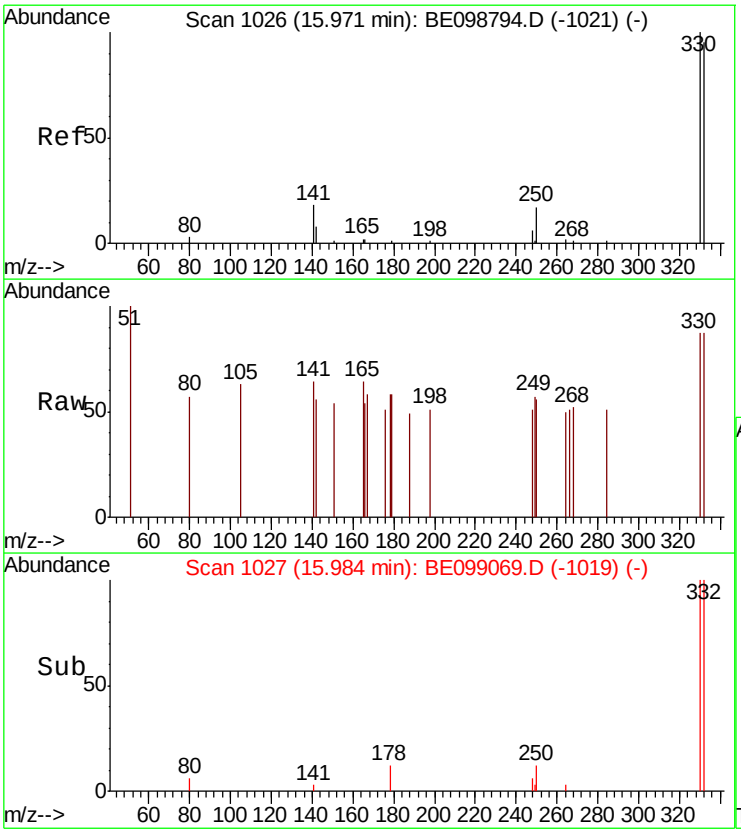
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:164 Resp: 2241

Ion	Ratio	Lower	Upper
164	100		
162	94.8	80.2	120.2
160	47.2	37.8	56.8

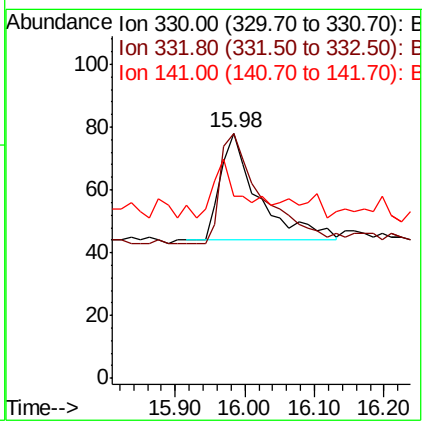


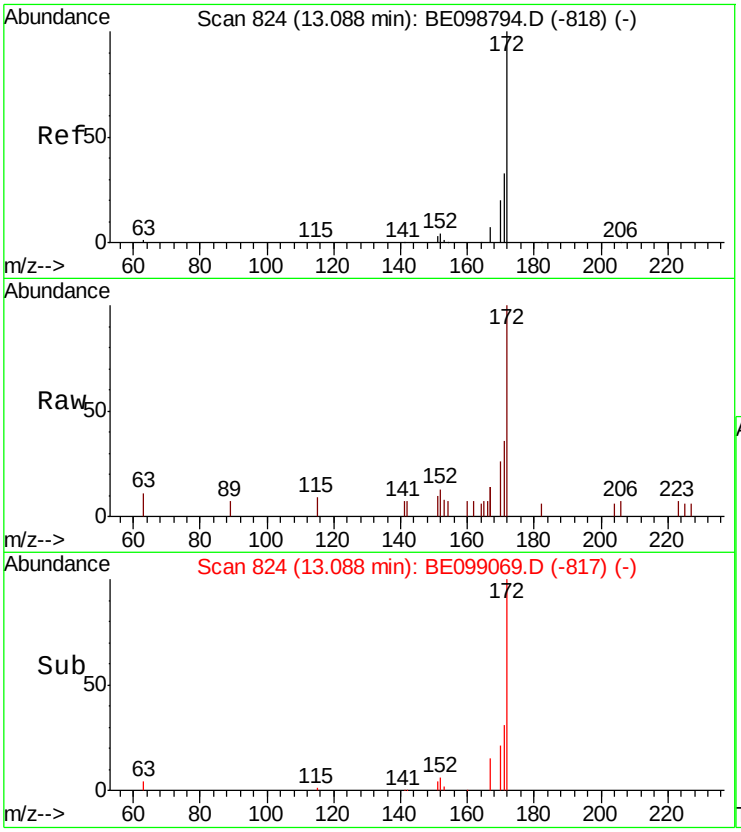


#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:330 Resp: 129

Ion	Ratio	Lower	Upper
330	100		
332	115.5	77.6	116.4
141	42.6	31.0	46.4



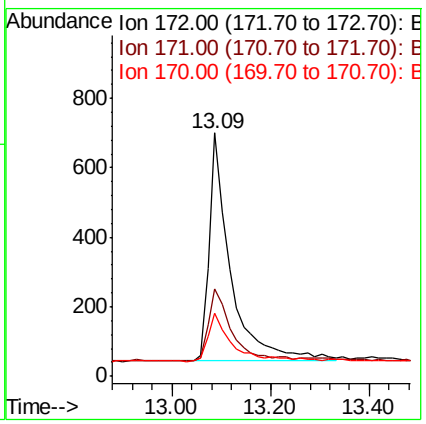


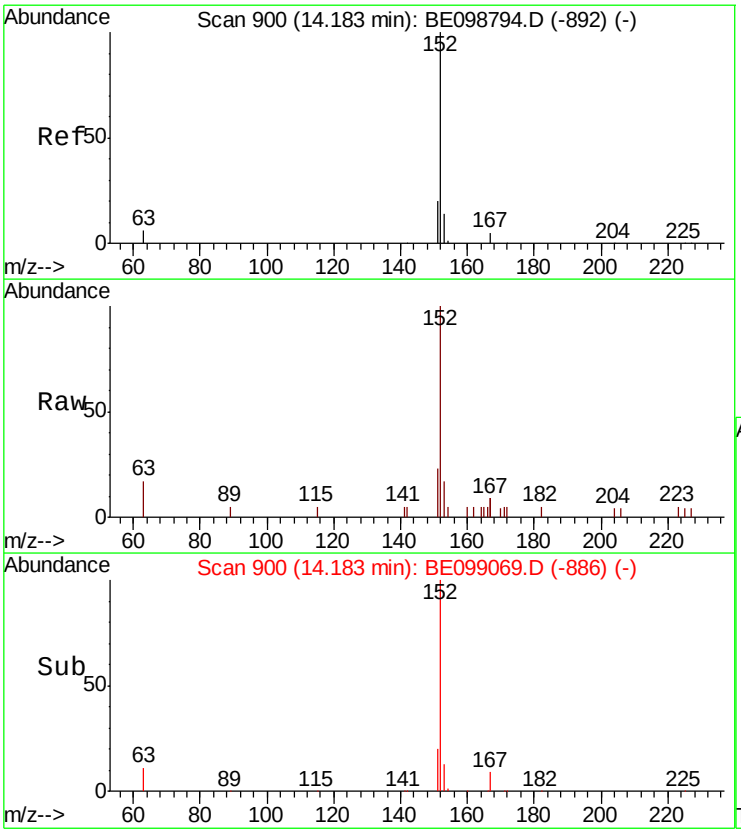
#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:172 Resp: 1971

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	25.7	17.7	26.5

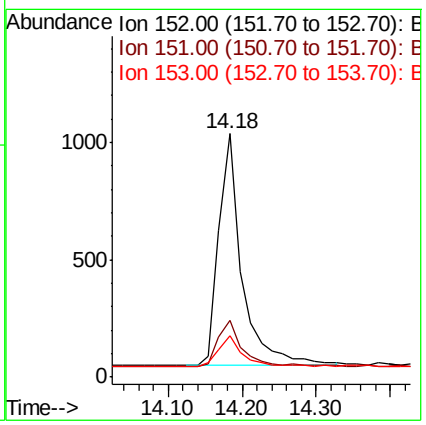


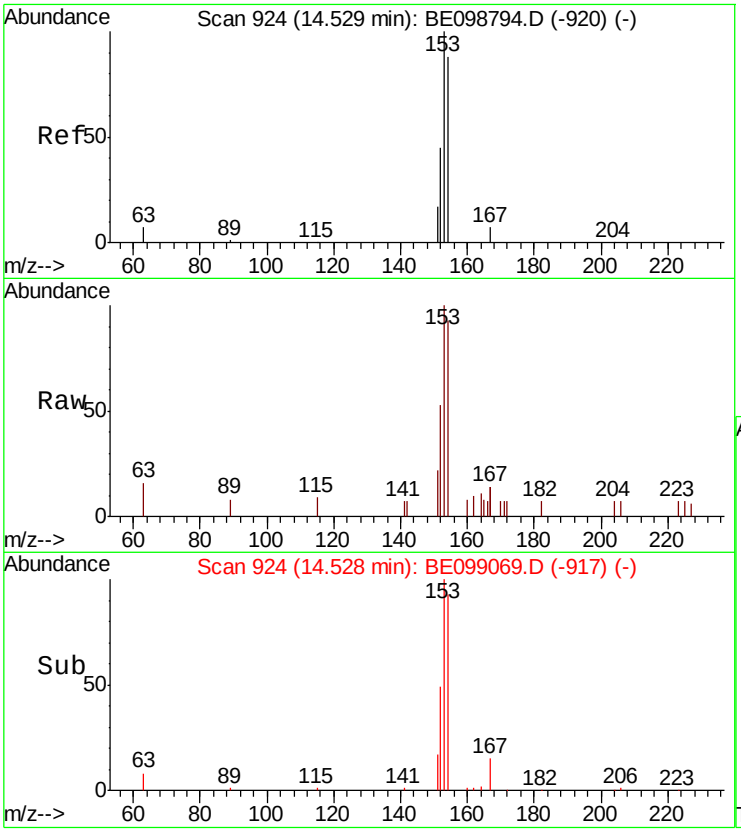


#16
Acenaphthylene
Concen: 0.187 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:152 Resp: 2151

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6
153	13.4	11.2	16.8



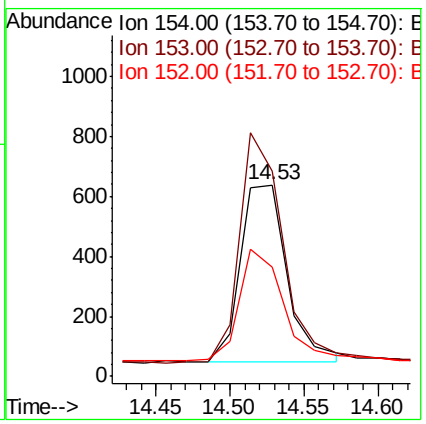


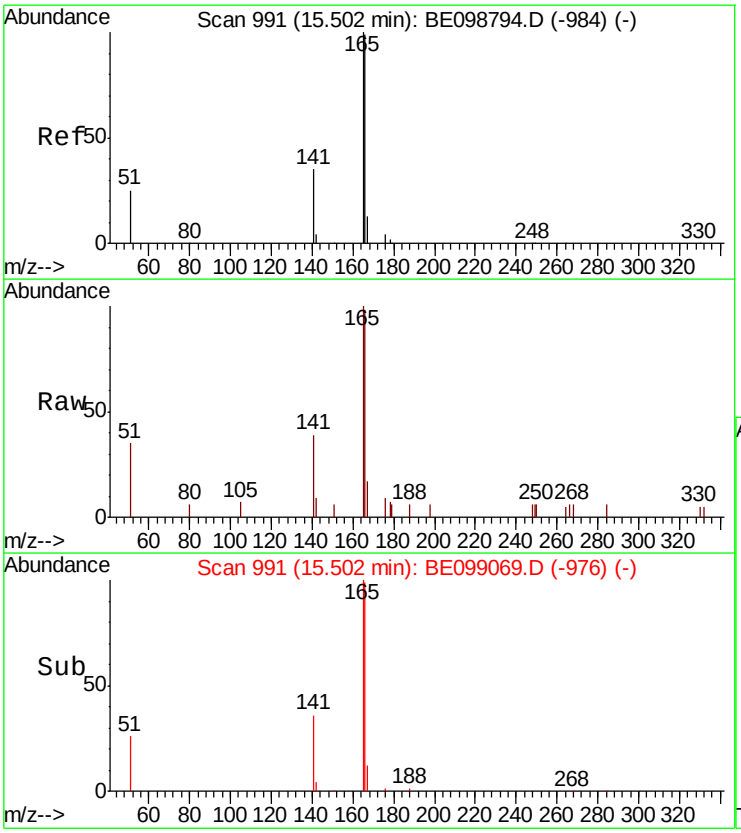
#17
Acenaphthene
Concen: 0.188 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:154 Resp: 1284

Ion	Ratio	Lower	Upper
154	100		
153	121.9	94.2	141.4
152	60.0	45.0	67.4

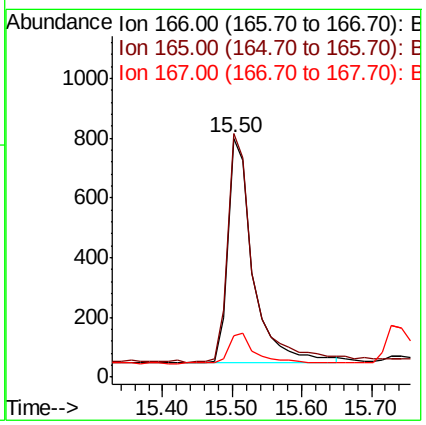


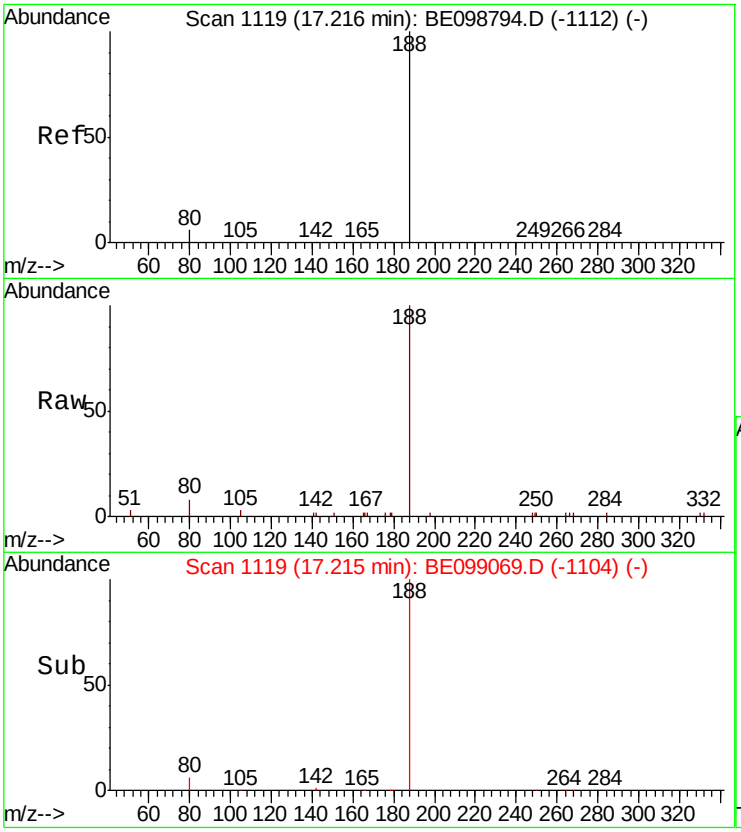


#18
Fluorene
Concen: 0.191 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:166 Resp: 1883

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.3	118.9
167	14.7	10.5	15.7



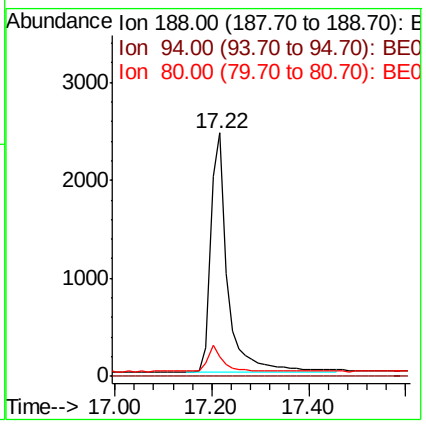


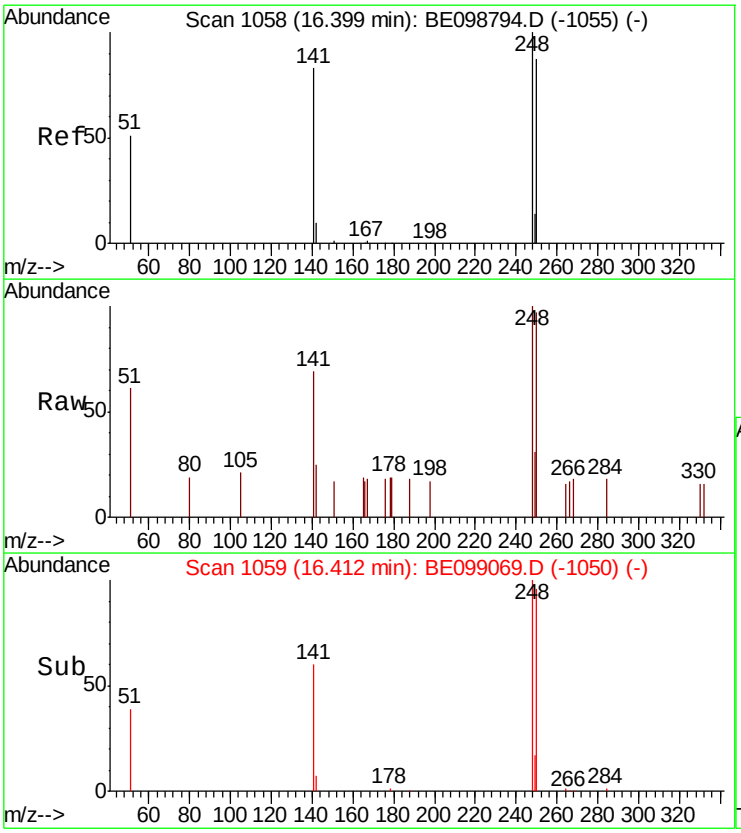
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:188 Resp: 5737

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.3	9.5

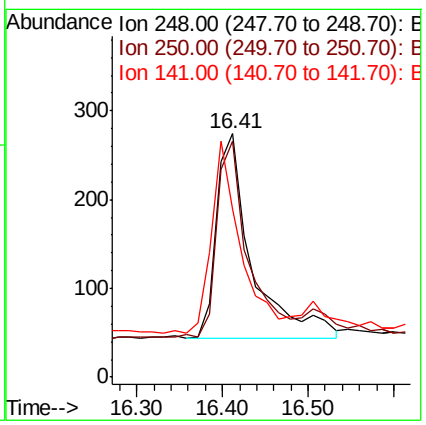


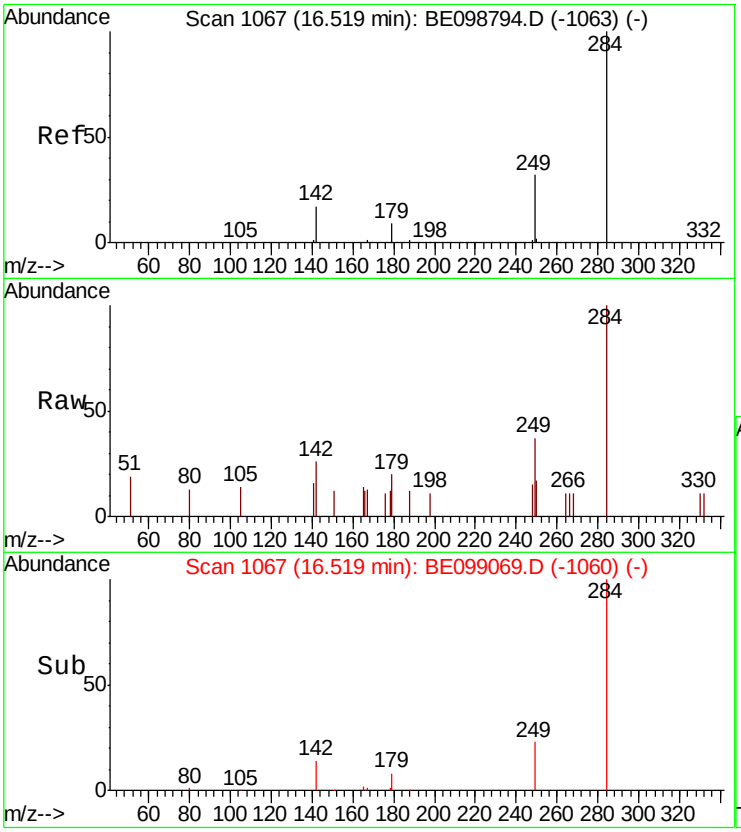


#20
4-Bromophenyl-phenylether
Concen: 0.213 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:248 Resp: 662

Ion	Ratio	Lower	Upper
248	100		
250	97.1	70.6	105.8
141	69.3	68.6	102.8



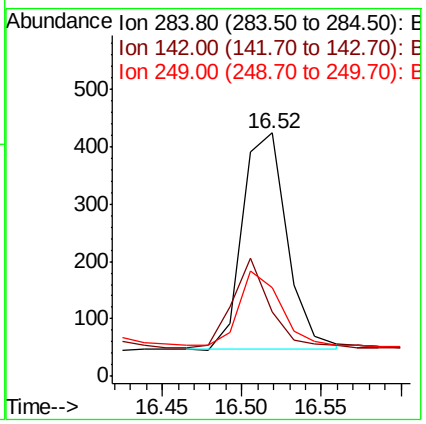


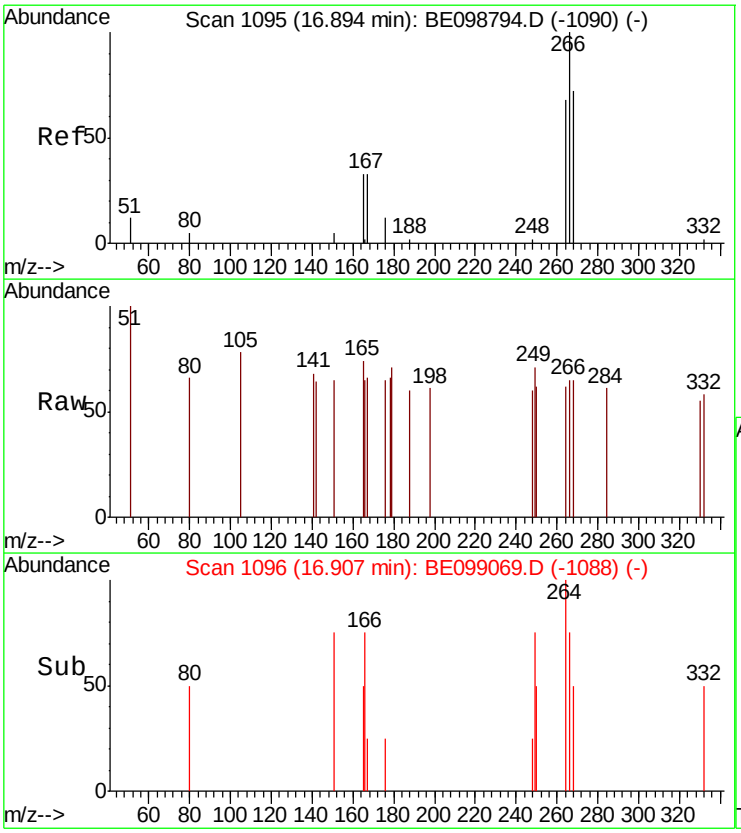
#21
Hexachlorobenzene
Concen: 0.197 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:284 Resp: 729

Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.7	43.1
249	31.4	29.6	44.4

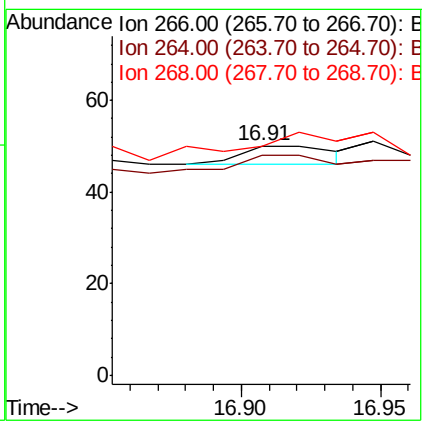


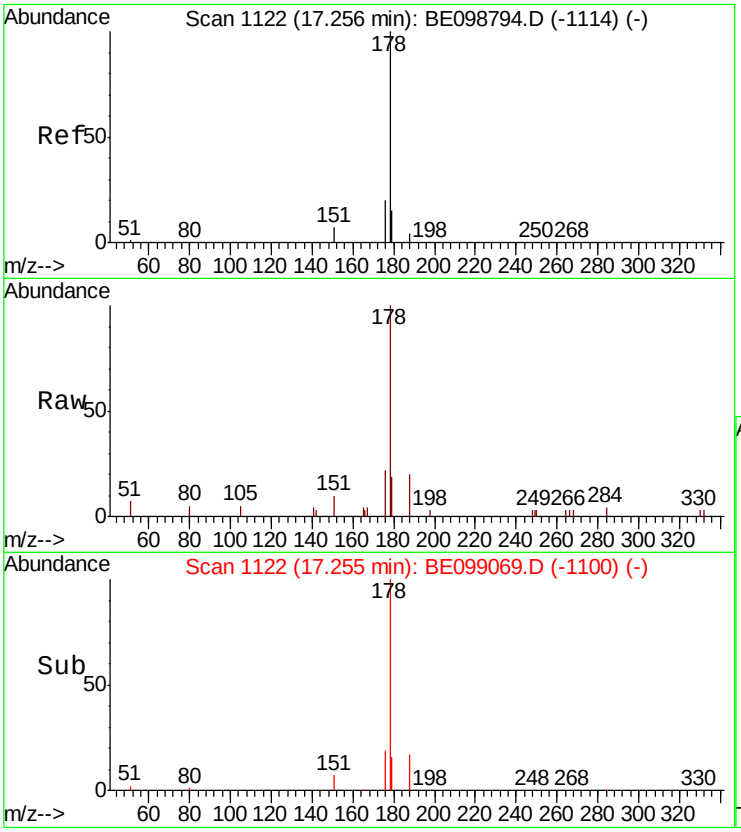


#22
Pentachlorophenol
Concen: 0.272 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	96.0	66.6	100.0
268	100.0	69.8	104.8



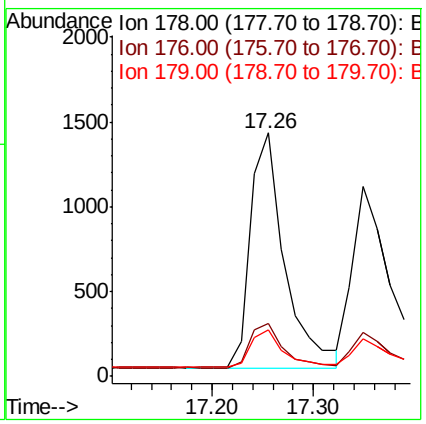


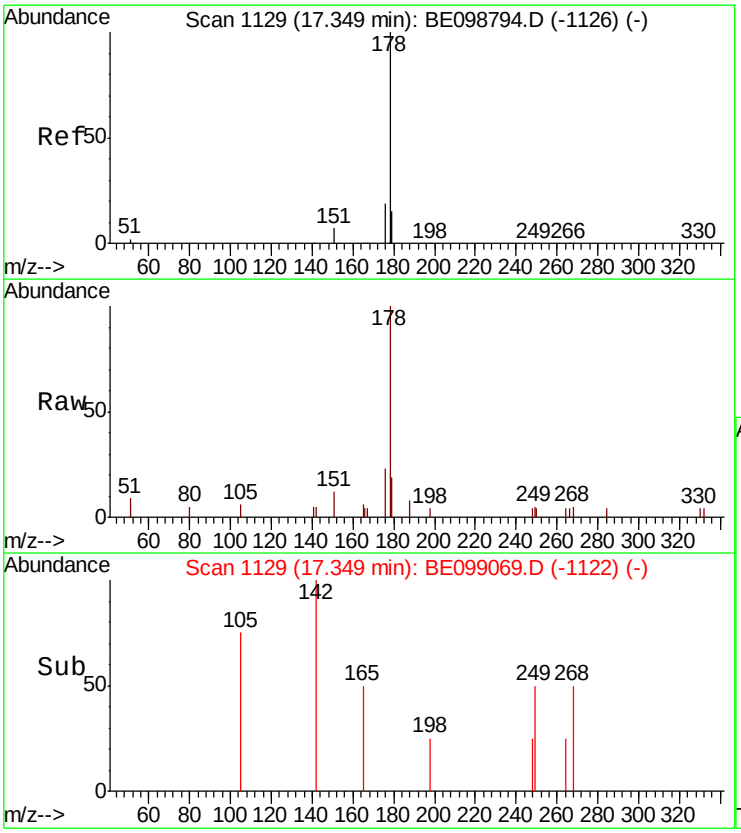
#23
Phenanthrene
Concen: 0.201 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:178 Resp: 3277

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.4	12.1	18.1

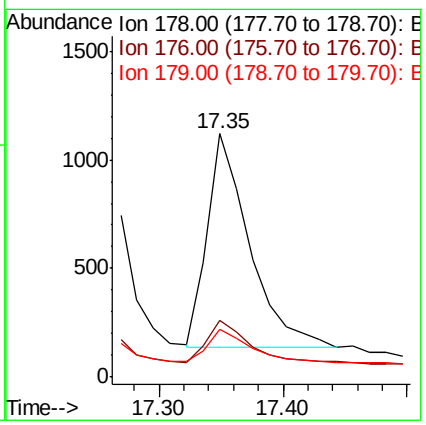


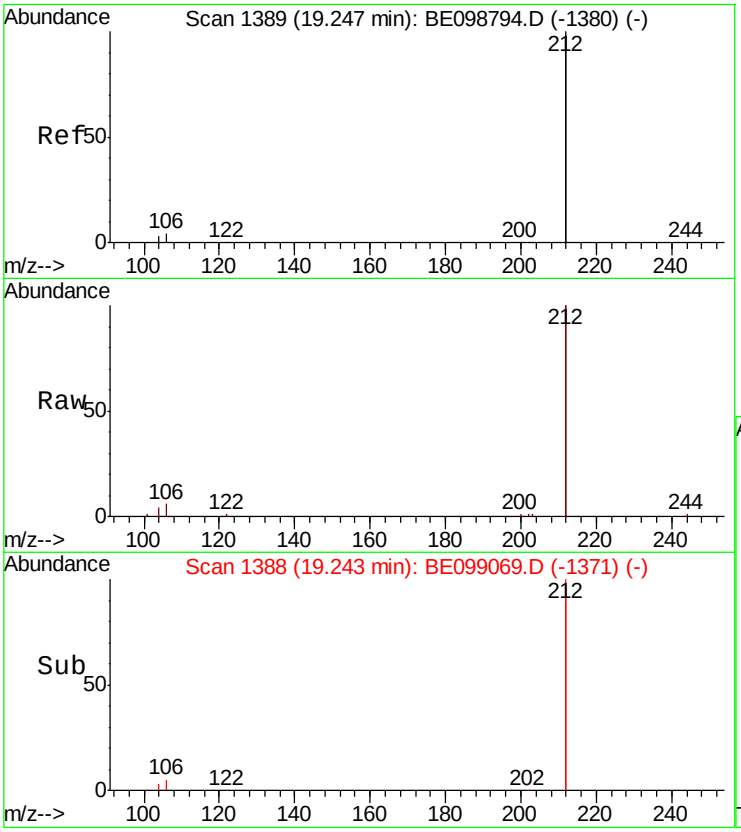


#24
Anthracene
Concen: 0.167 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:178 Resp: 2332

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	14.8	12.2	18.4



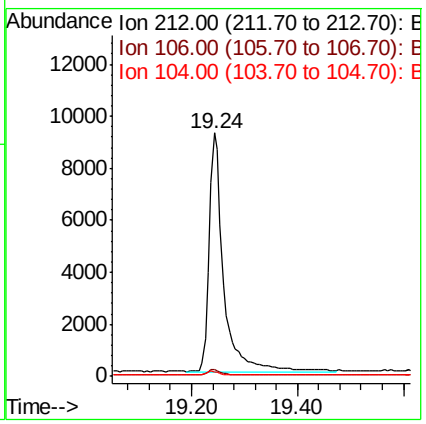


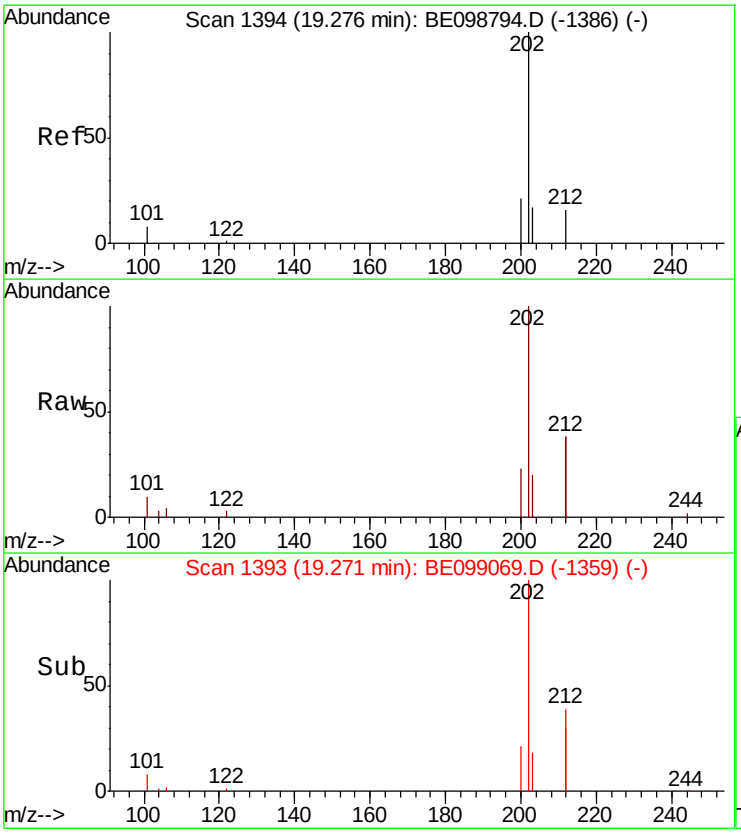
#25
Fluoranthene-d10
Concen: 0.193 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:212 Resp: 17635

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6

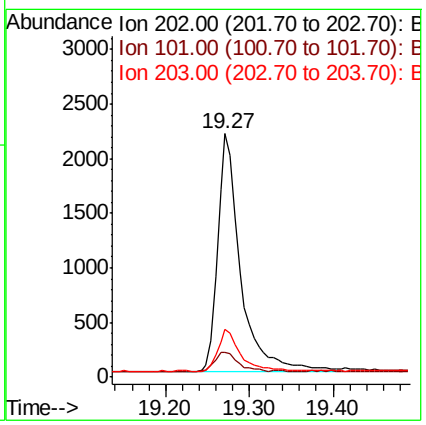


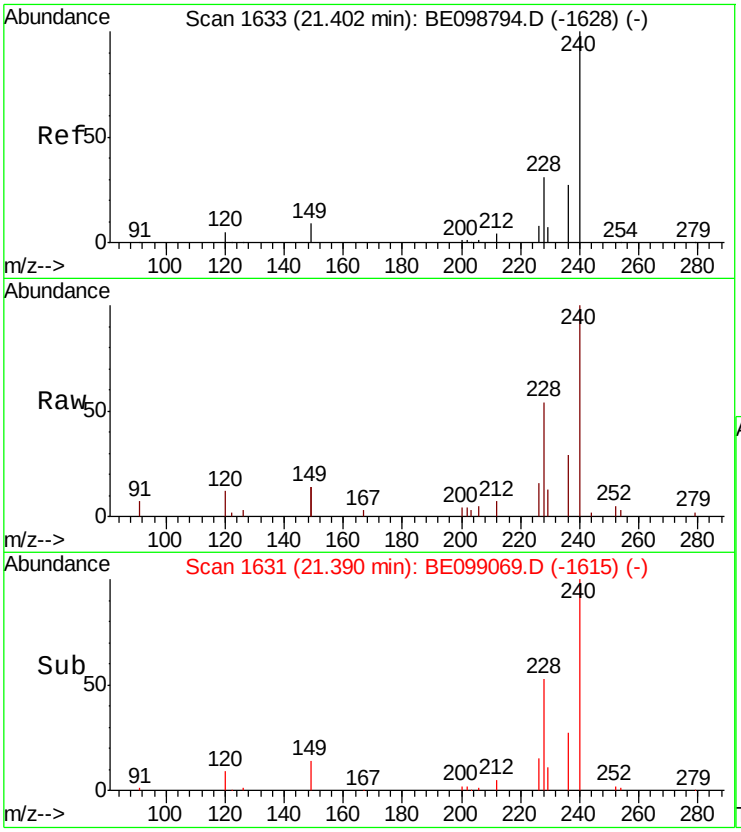


#26
Fluoranthene
Concen: 0.179 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:202 Resp: 4120

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.3	10.9
203	17.8	13.4	20.2



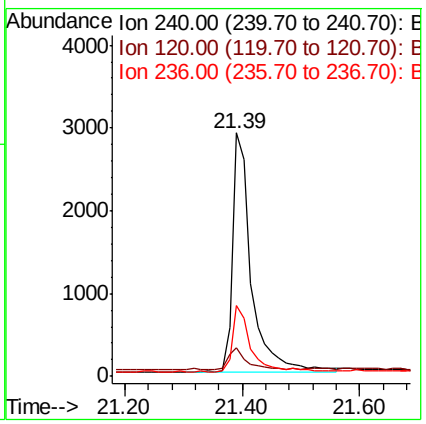


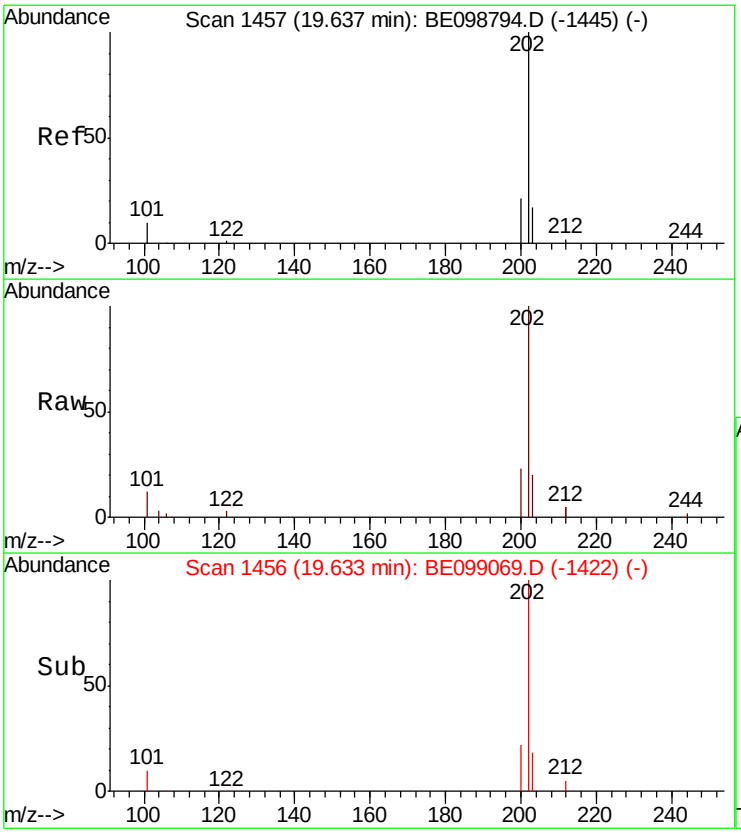
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:240 Resp: 6519

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.0	7.4#
236	29.0	22.7	34.1

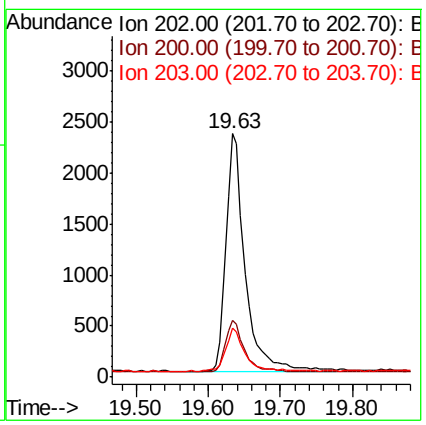


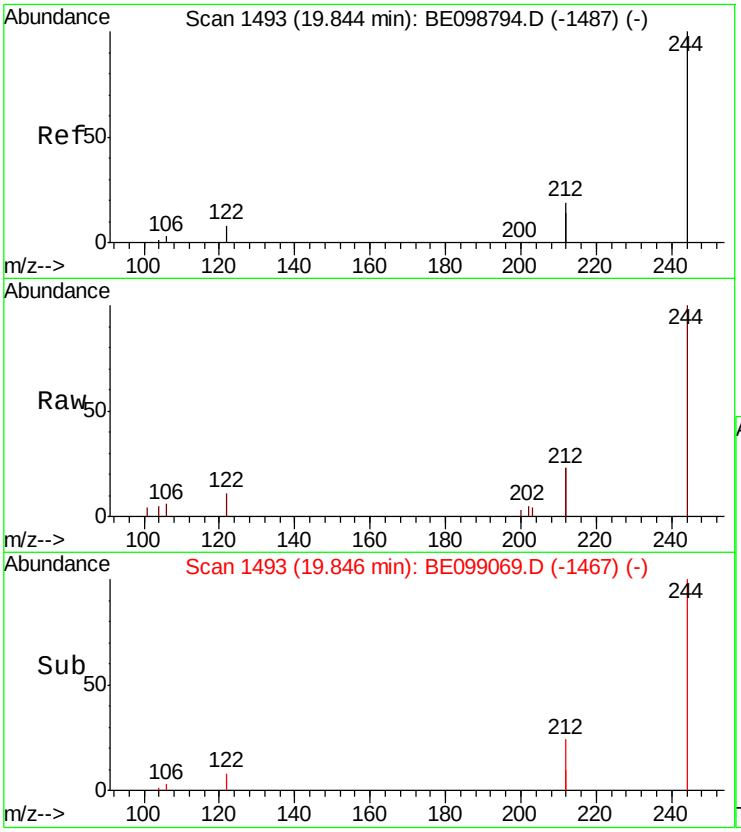


#28
Pyrene
Concen: 0.216 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:202 Resp: 4312

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	17.8	14.2	21.2



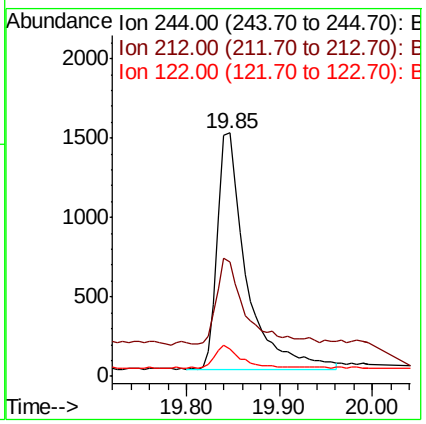


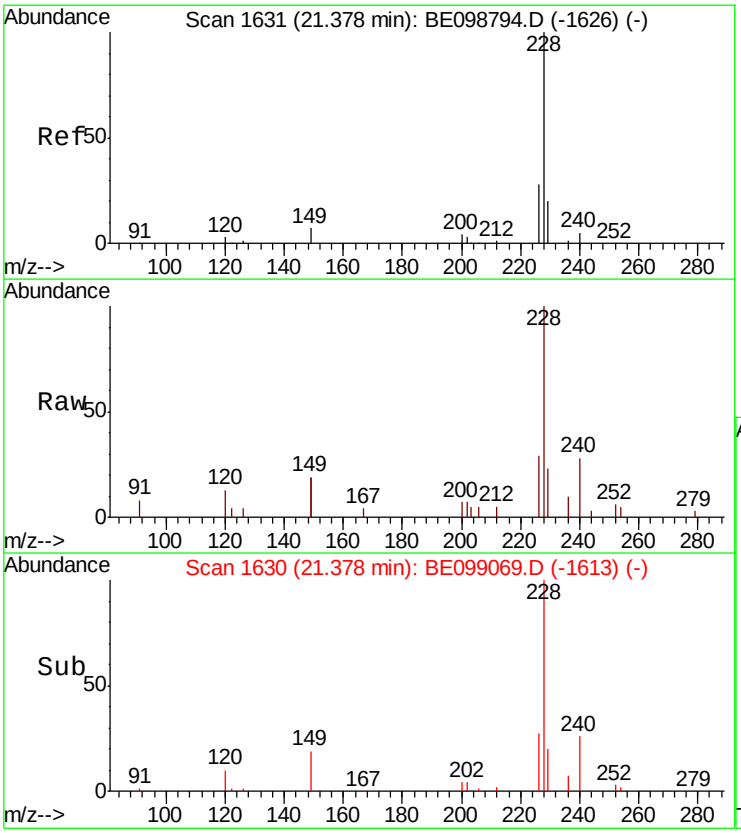
#29
Terphenyl-d14
Concen: 0.203 ng
RT: 19.85 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:244 Resp: 3209

Ion	Ratio	Lower	Upper
244	100		
212	46.8	29.4	44.2#
122	11.3	7.1	10.7#

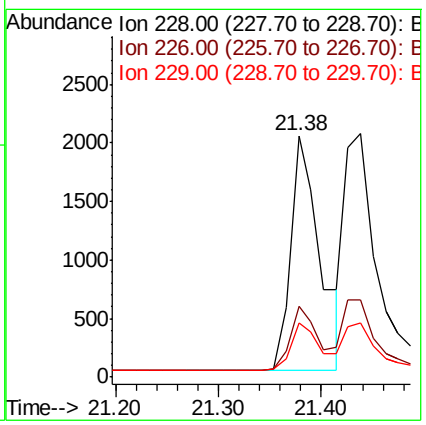


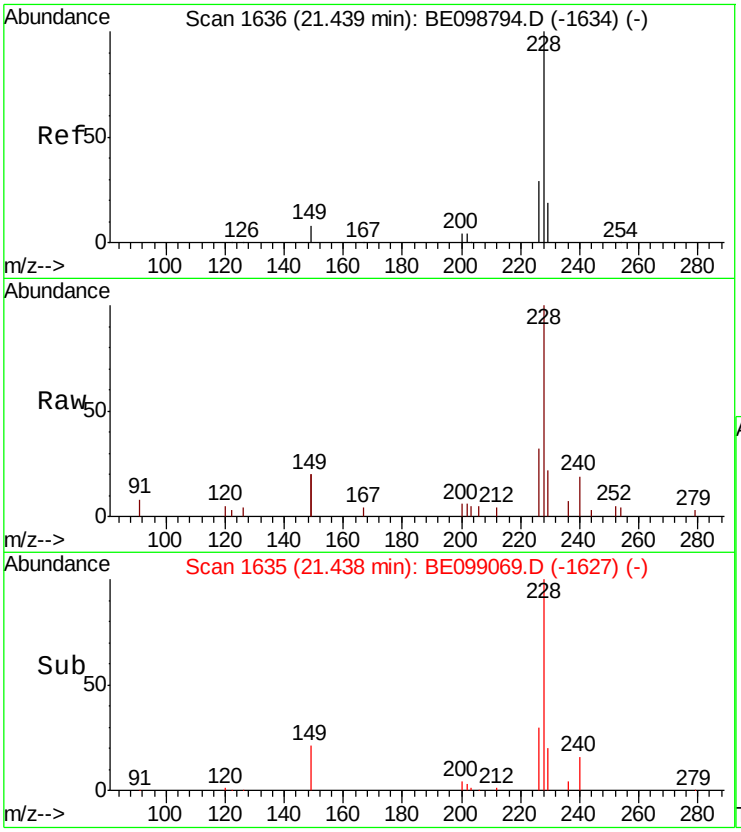


#30
Benzo(a)anthracene
Concen: 0.196 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:228 Resp: 3989

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	22.6	16.5	24.7



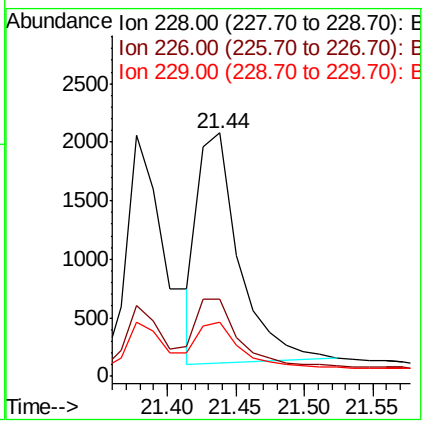


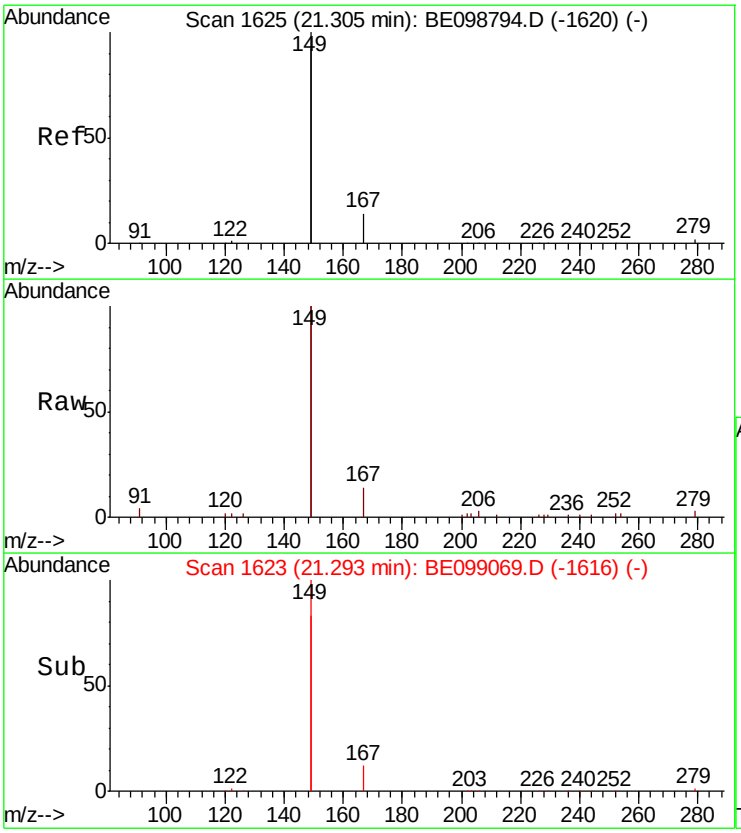
#31
Chrysene
Concen: 0.188 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:228 Resp: 4101

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.7	35.5
229	22.1	16.1	24.1

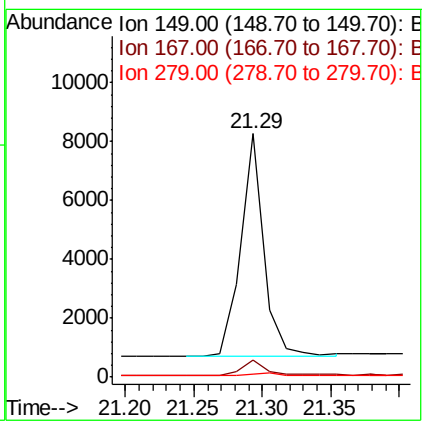


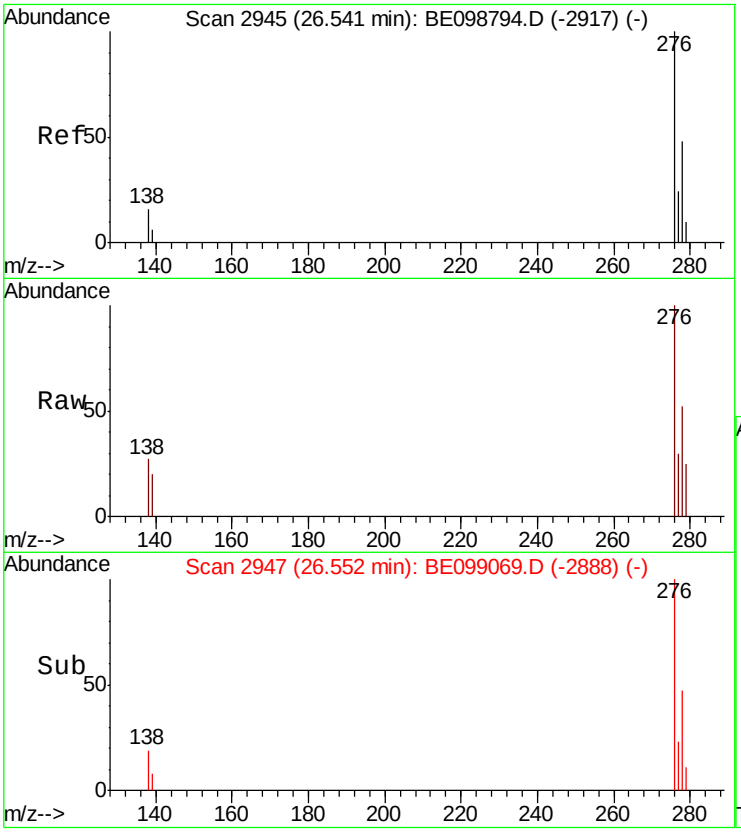


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.208 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:149 Resp: 8987

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	1.1	1.0	1.4



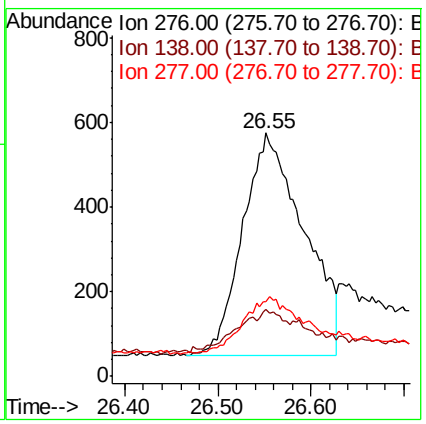


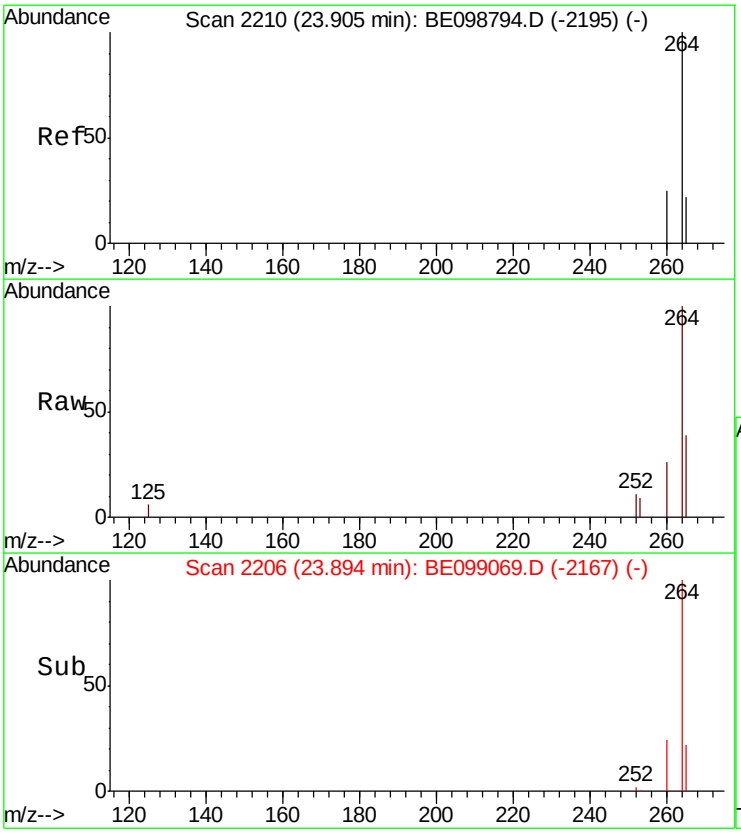
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.104 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:276 Resp: 2401

Ion	Ratio	Lower	Upper
276	100		
138	2.0	13.8	20.8#
277	25.2	19.5	29.3

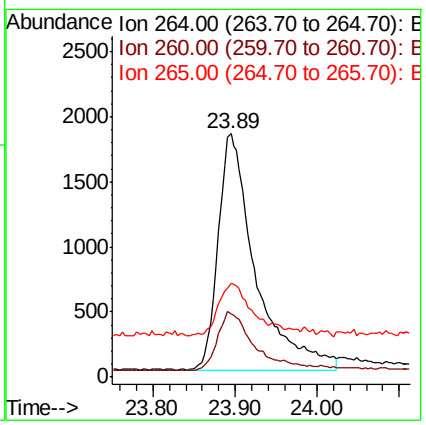


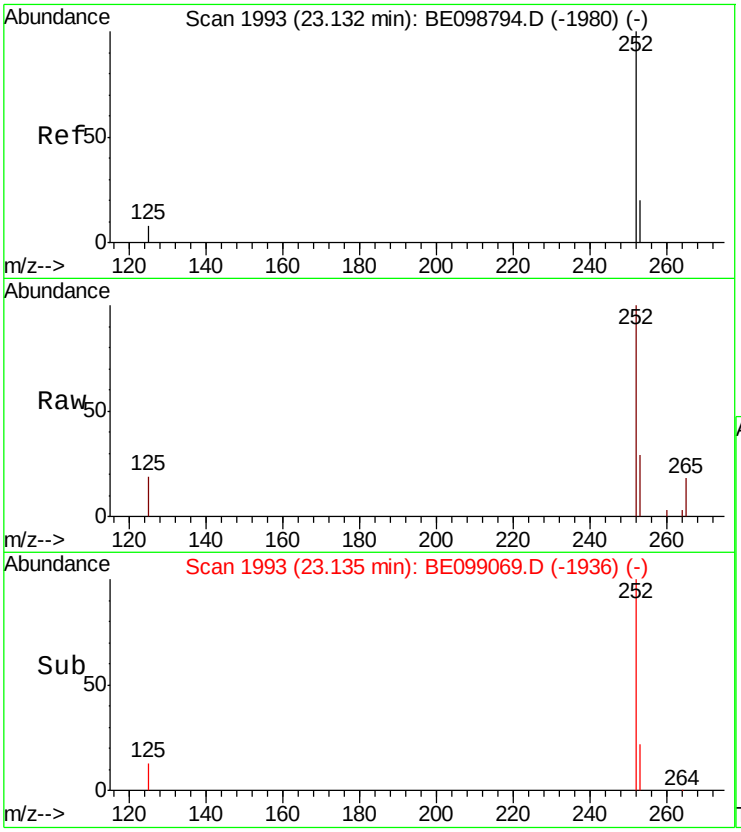


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:264 Resp: 5741

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	38.8	24.6	36.8#



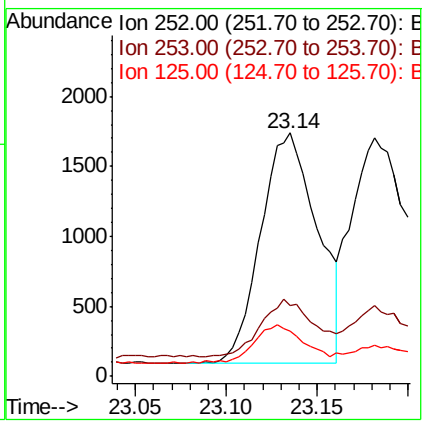


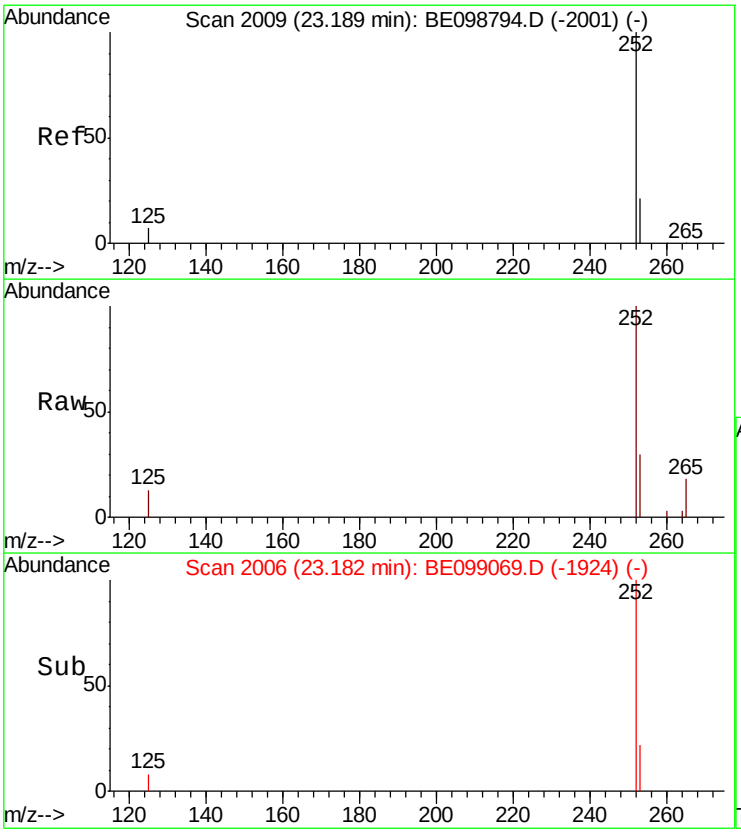
#35
Benzo(b)fluoranthene
Concen: 0.189 ng
RT: 23.14 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:252 Resp: 3575

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.2	27.2#
125	18.7	7.3	10.9#

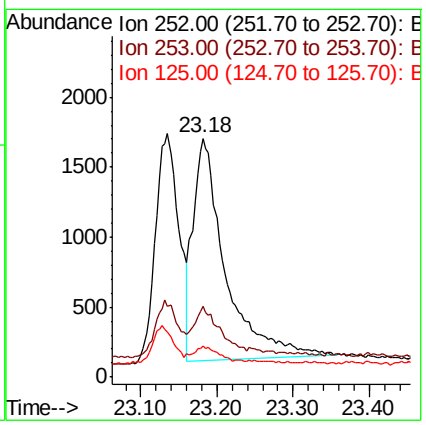


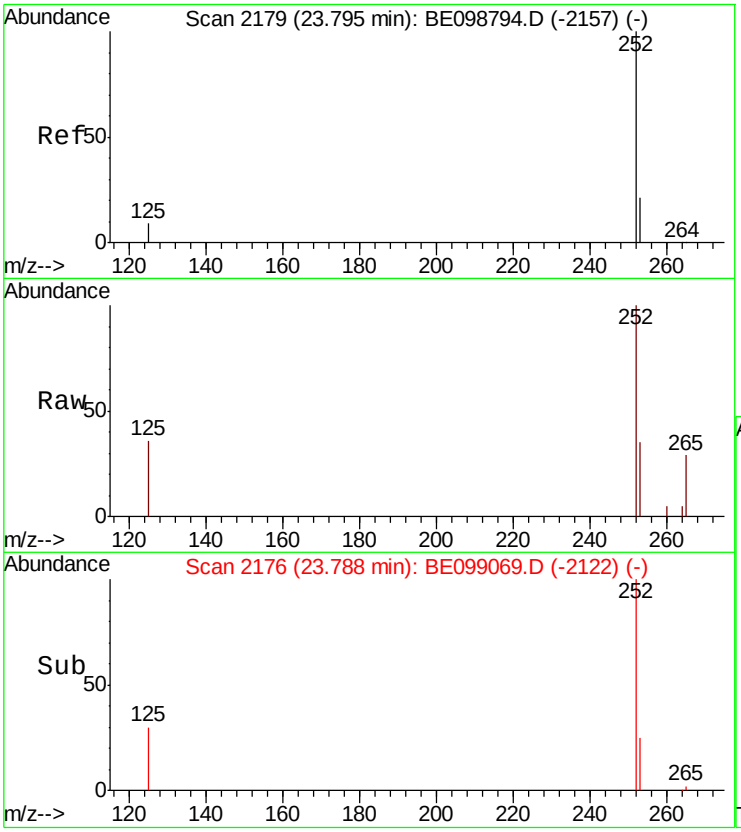


#36
Benzo(k)fluoranthene
Concen: 0.238 ng
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:252 Resp: 4695

Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.3	28.9#
125	13.1	7.5	11.3#



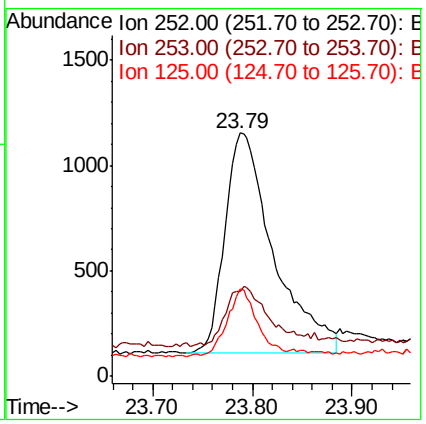


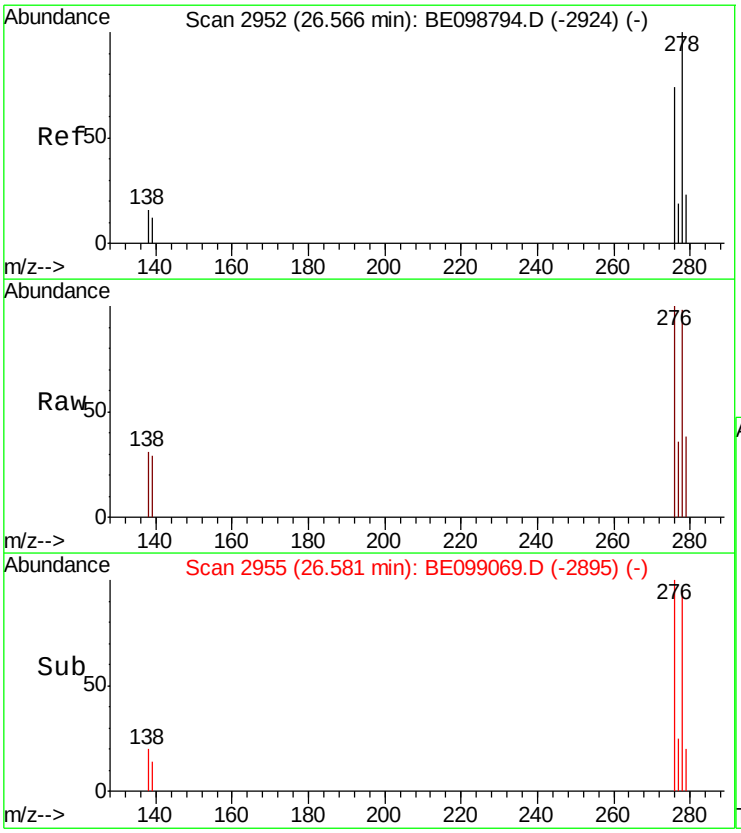
#37
Benzo(a)pyrene
Concen: 0.197 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:252 Resp: 3557

Ion	Ratio	Lower	Upper
252	100		
253	34.7	19.9	29.9#
125	36.0	9.0	13.4#

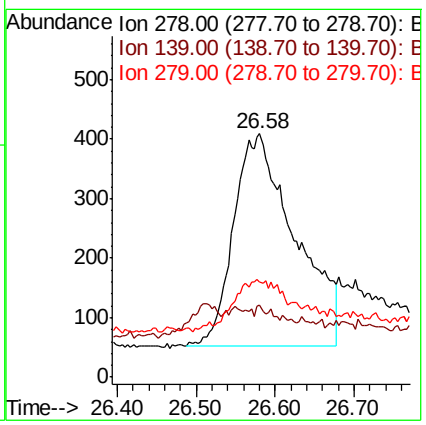


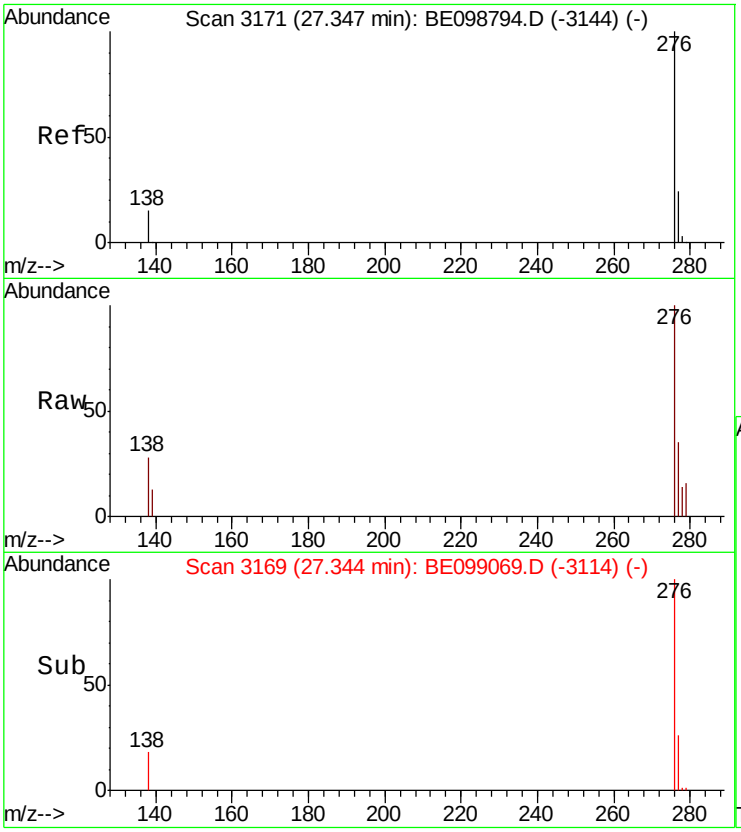


#38
Dibenzo(a,h)anthracene
Concen: 0.113 ng
RT: 26.58 min Scan# 2955
Delta R.T. 0.02 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Tgt Ion:278 Resp: 1935

Ion	Ratio	Lower	Upper
278	100		
139	29.6	11.8	17.6#
279	39.4	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.054 ng
RT: 27.34 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BE099069.D
Acq: 20 Mar 2019 15:16

Instrument :
BNA_E
ClientSampleId :
PB118045BSD

Tgt Ion:276 Resp: 974

Ion	Ratio	Lower	Upper
276	100		
277	34.6	20.4	30.6#
138	27.6	13.6	20.4#