Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099189.D
Acq On : 25 Mar 2019 20:53
Operator : JU/SJ
Sample : PB118217BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB118217BL

Quant Time: Mar 26 07:09:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3493	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13353	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	9181	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	29832	0.40	ng	0.00
27) Chrysene-d12	21.38	240	32635	0.40	ng	-0.01
34) Perylene-d12	23.90	264	28015	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	2661	0.26	ng	0.00
5) Phenol-d6	6.99	99	3623	0.23	ng	0.00
8) Nitrobenzene-d5	8.99	82	2660	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	6545	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	384	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	9793	0.26	ng	0.00
25) Fluoranthene-d10	19.24	212	100818	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	16700	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	131	0.028	ng	# 30
3) n-Nitrosodimethylamine	3.61	42	198	0.077	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	20	0.002	ng	# 1
9) Naphthalene	10.67	128	101	0.001	ng	# 40
10) Hexachlorobutadiene	10.95	225	11	0.001	ng	# 19
12) 2-Methylnaphthalene	12.29	142	10	0.000	ng	# 53
16) Acenaphthylene	14.24	152	15	0.000	ng	# 61
17) Acenaphthene	14.53	154	3	0.000	ng	# 1
18) Fluorene	15.51	166	15	0.000	ng	# 1
20) 4-Bromophenyl-phenylether	16.40	248	5	0.000	ng	# 59
21) Hexachlorobenzene	16.52	284	10	0.001	ng	# 1
22) Pentachlorophenol	16.81	266	9	0.242	ng	84
23) Phenanthrene	17.26	178	106	0.001	ng	# 60
24) Anthracene	17.34	178	29	0.000	ng	# 1
26) Fluoranthene	19.28	202	56	0.001	ng	# 70
28) Pyrene	19.63	202	63	0.001	ng	# 80
30) Benzo(a)anthracene	21.38	228	168	0.002	ng	# 21
31) Chrysene	21.38	228	150	0.001	ng	# 28
32) Bis(2-ethylhexyl)phthalate	21.28	149	810	0.006	ng	# 87
33) Indeno(1,2,3-cd)pyrene	26.53	276	4	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.13	252	22	0.000	ng	# 1
36) Benzo(k)fluoranthene	23.19	252	44	0.000	ng	# 1
37) Benzo(a)pyrene	23.77	252	32	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	9	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	4	0.000	ng	# 1

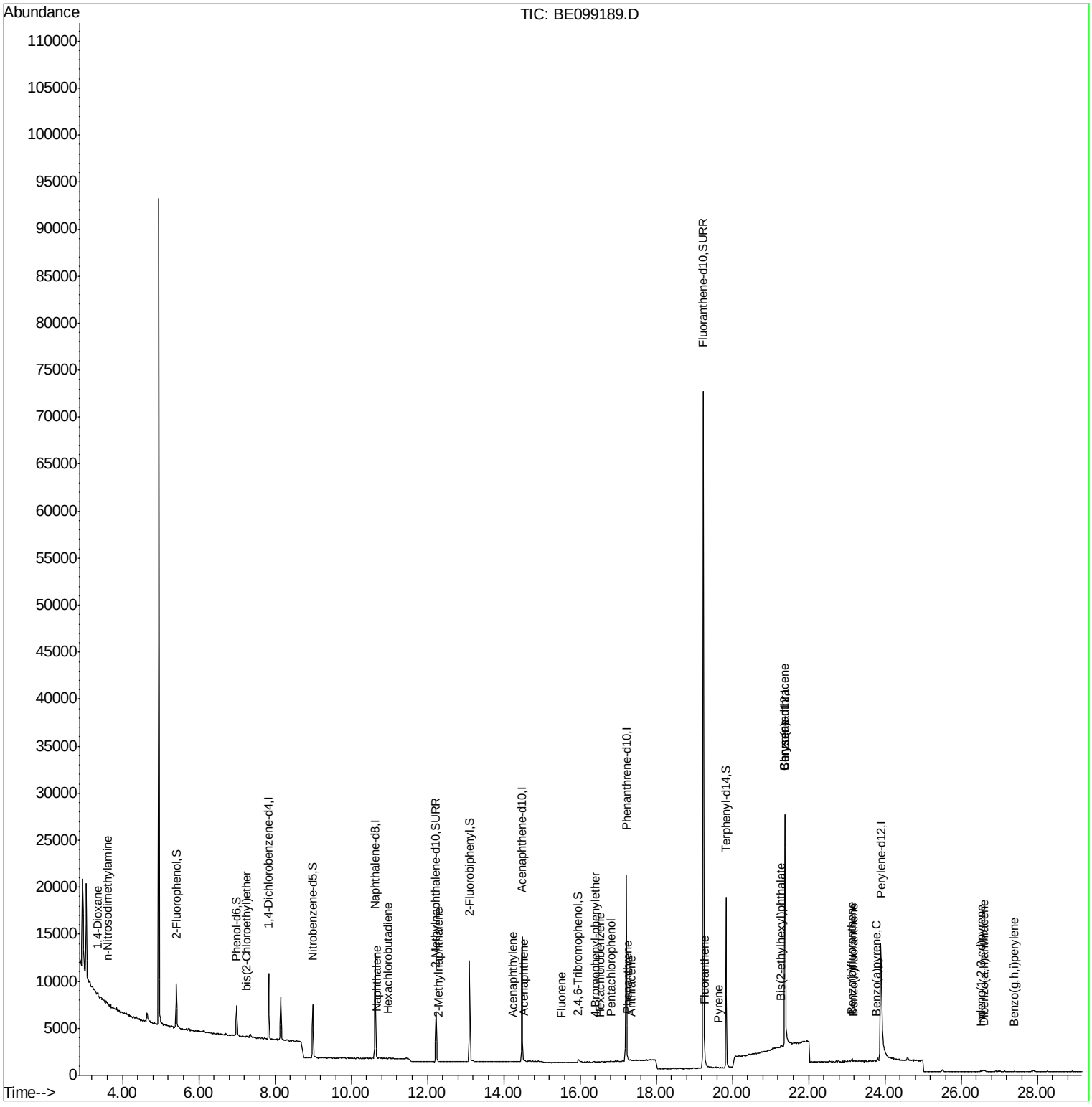
(#) = qualifier out of range (m) = manual integration (+) = signals summed

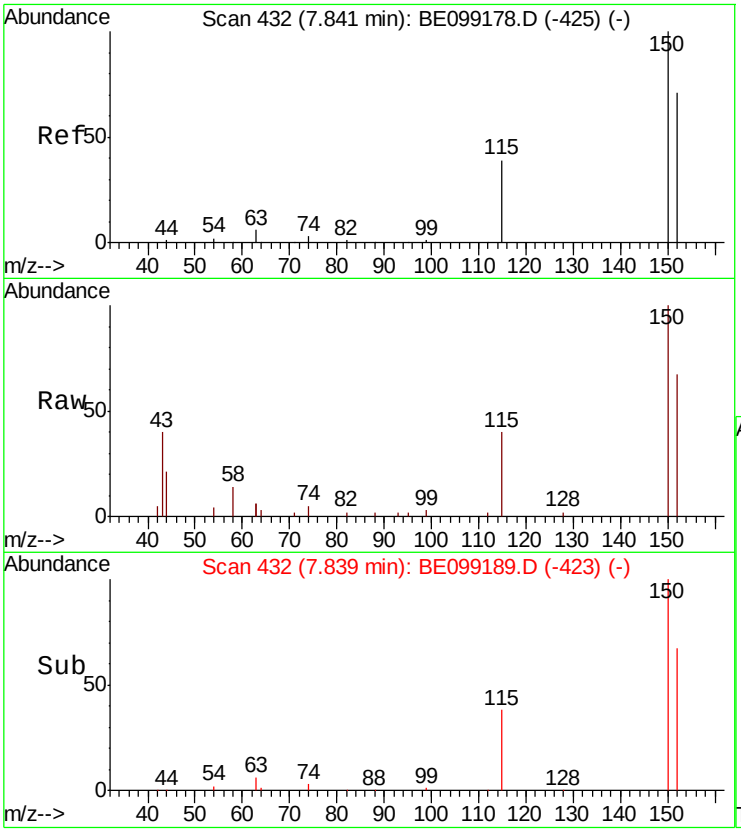
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
Data File : BE099189.D
Acq On : 25 Mar 2019 20:53
Operator : JU/SJ
Sample : PB118217BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Quant Time: Mar 26 07:09:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



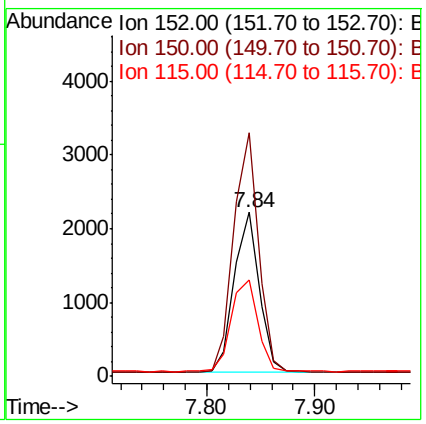


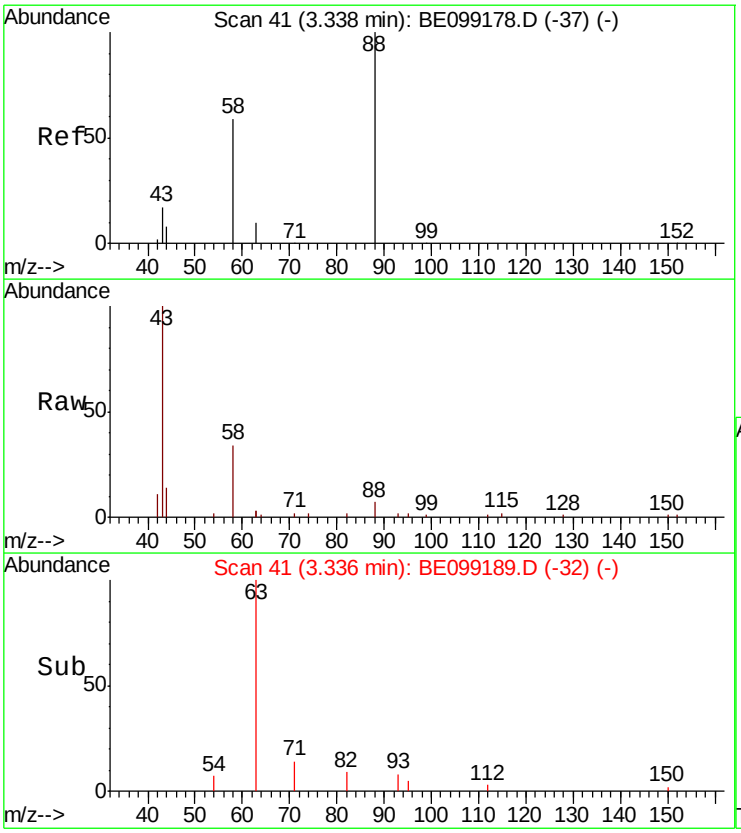
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:152 Resp: 3493

Ion	Ratio	Lower	Upper
152	100		
150	148.6	112.8	169.2
115	58.8	45.1	67.7

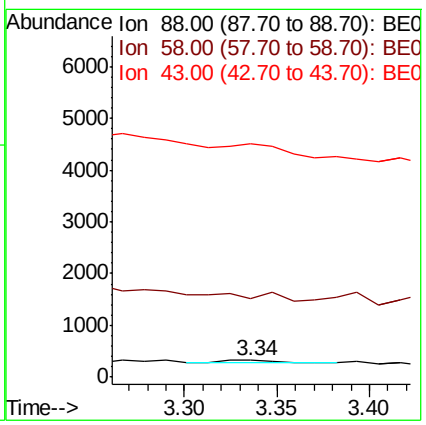


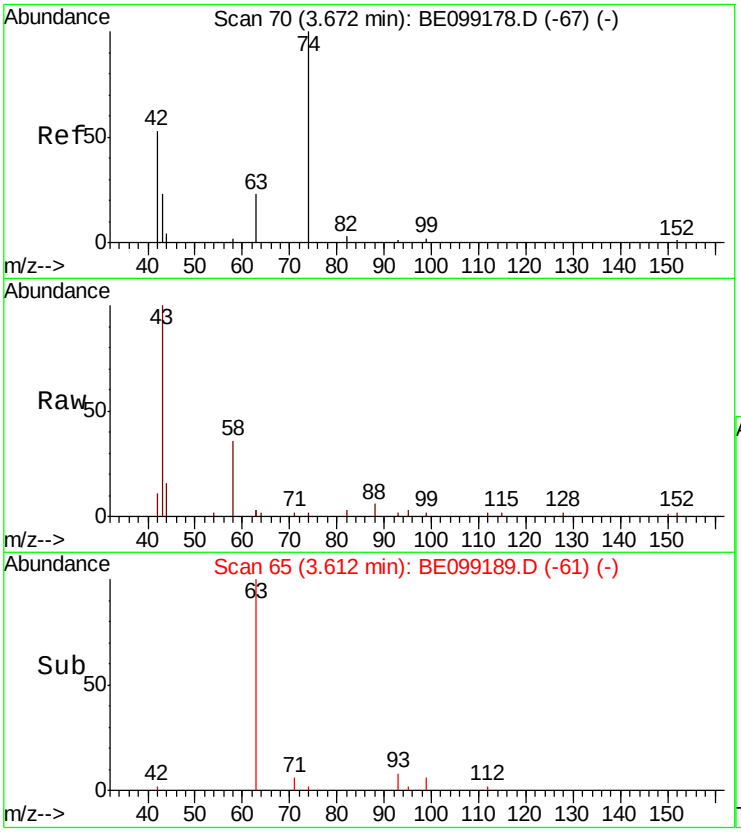


#2
1,4-Dioxane
Concen: 0.028 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion: 88 Resp: 131

Ion	Ratio	Lower	Upper
88	100		
58	0.0	47.4	71.0#
43	0.0	15.6	23.4#



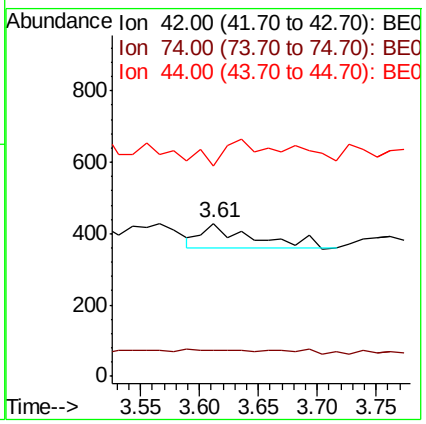


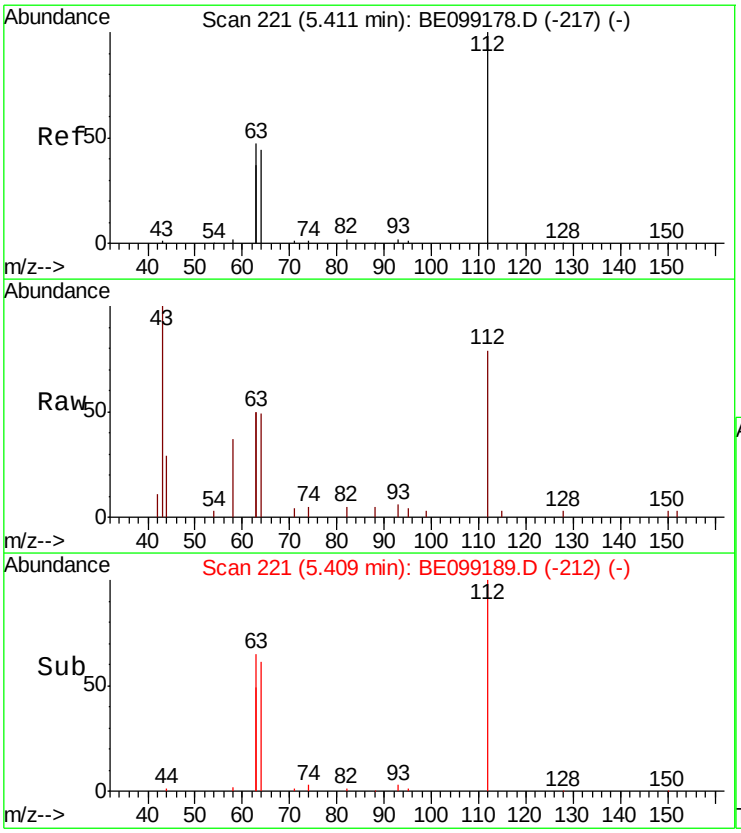
#3
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 3.61 min Scan# 65
Delta R.T. -0.06 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion: 42 Resp: 198

Ion	Ratio	Lower	Upper
42	100		
74	0.0	138.6	207.8#
44	0.0	15.0	22.6#

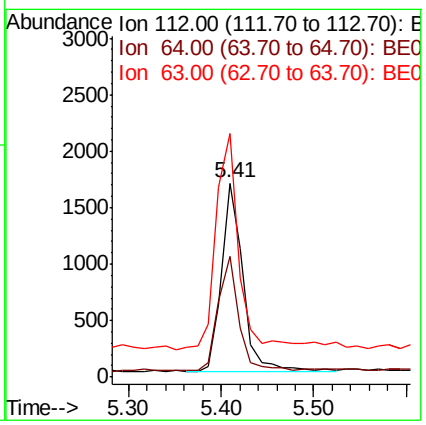


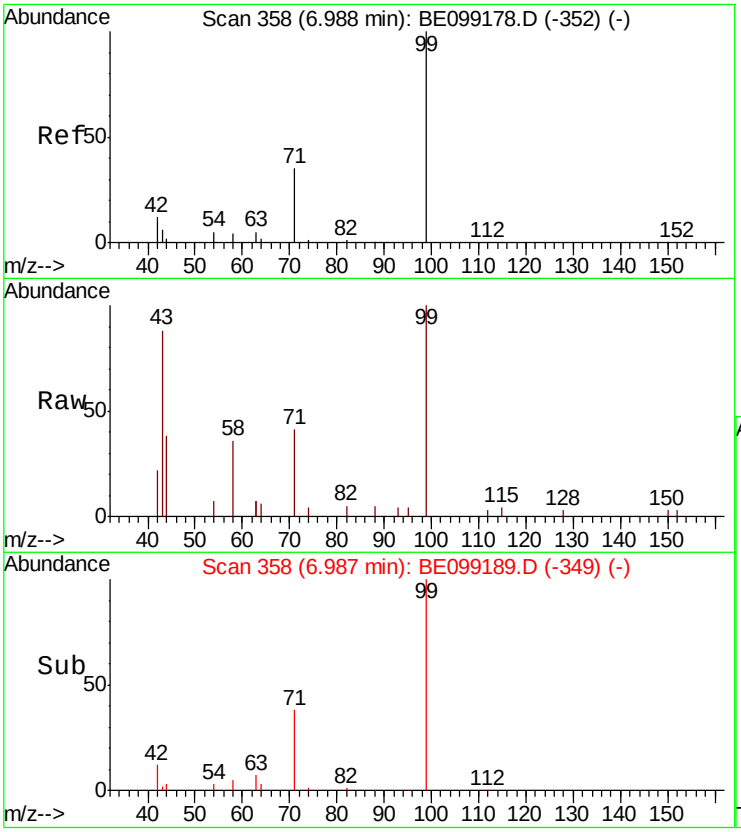


#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:112 Resp: 2661

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.2	69.2
63	122.5	89.9	134.9



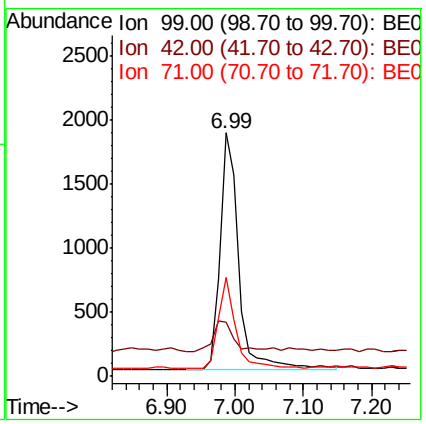


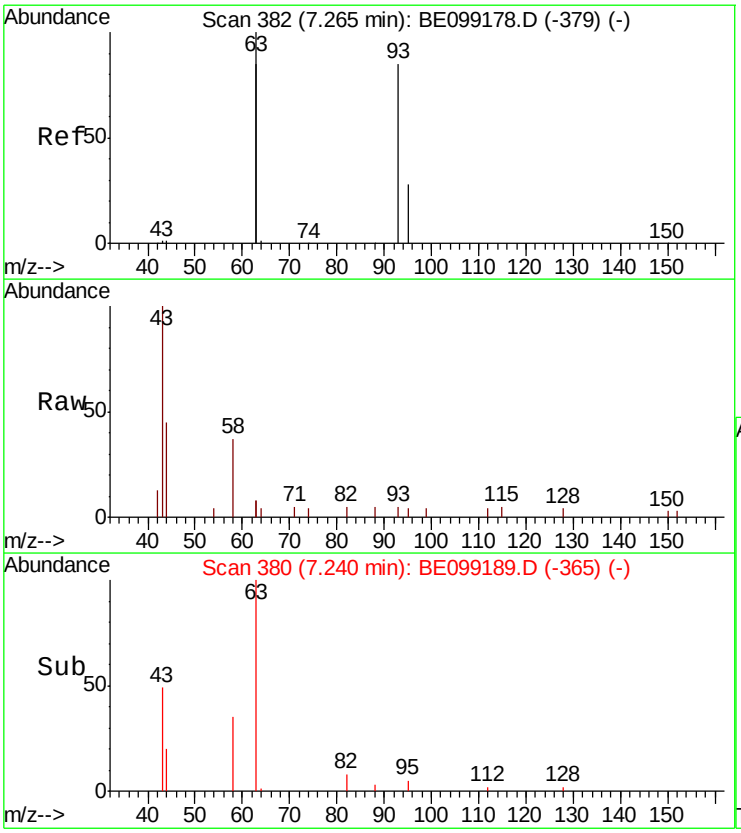
#5
Phenol-d6
Concen: 0.227 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion: 99 Resp: 3623

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.4	18.6
71	34.6	28.4	42.6

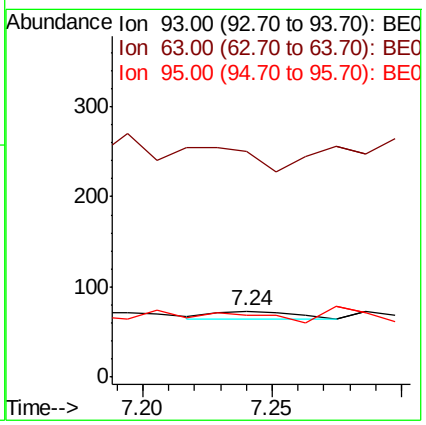


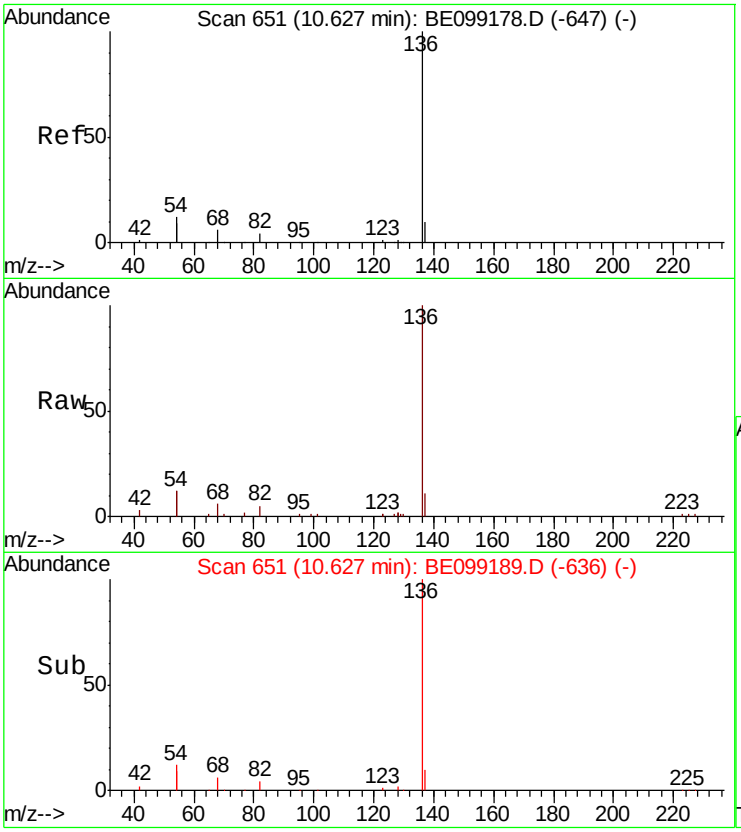


#6
bis(2-Chloroethyl)ether
Concen: 0.002 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.02 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion: 93 Resp: 20

Ion	Ratio	Lower	Upper
93	100		
63	0.0	221.4	332.0#
95	0.0	25.8	38.8#



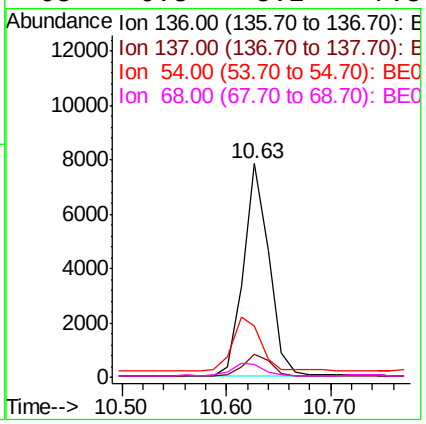


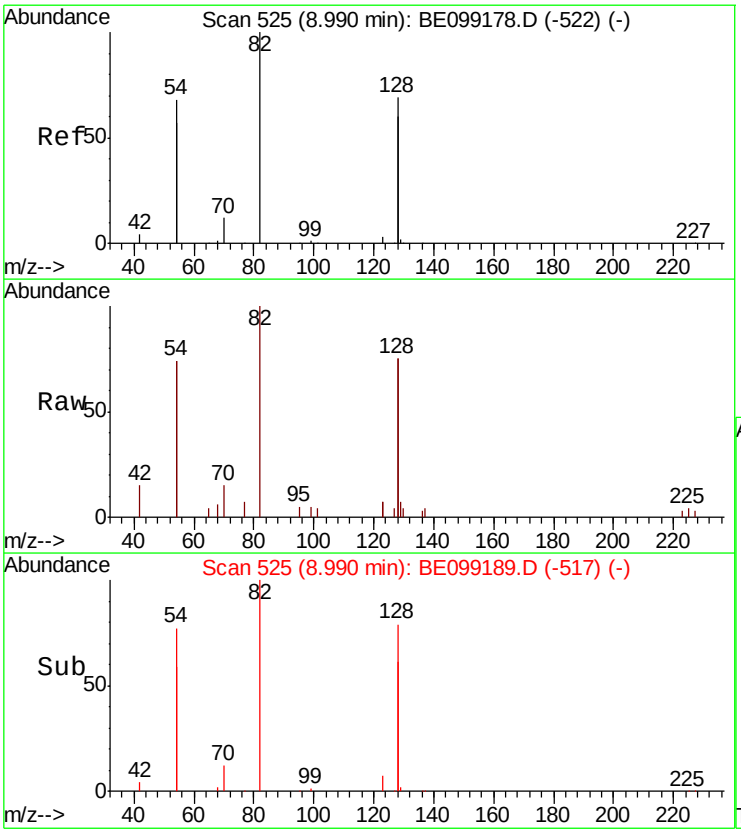
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:136 Resp: 13353

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	24.0	18.7	28.1
68	6.3	5.2	7.8

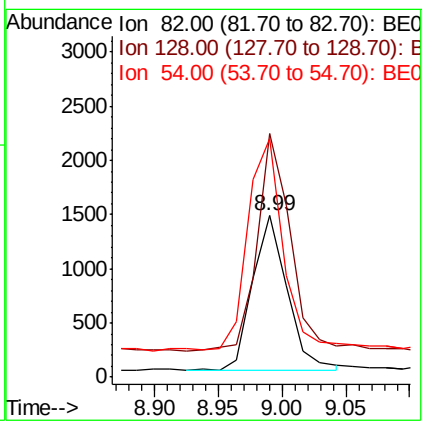


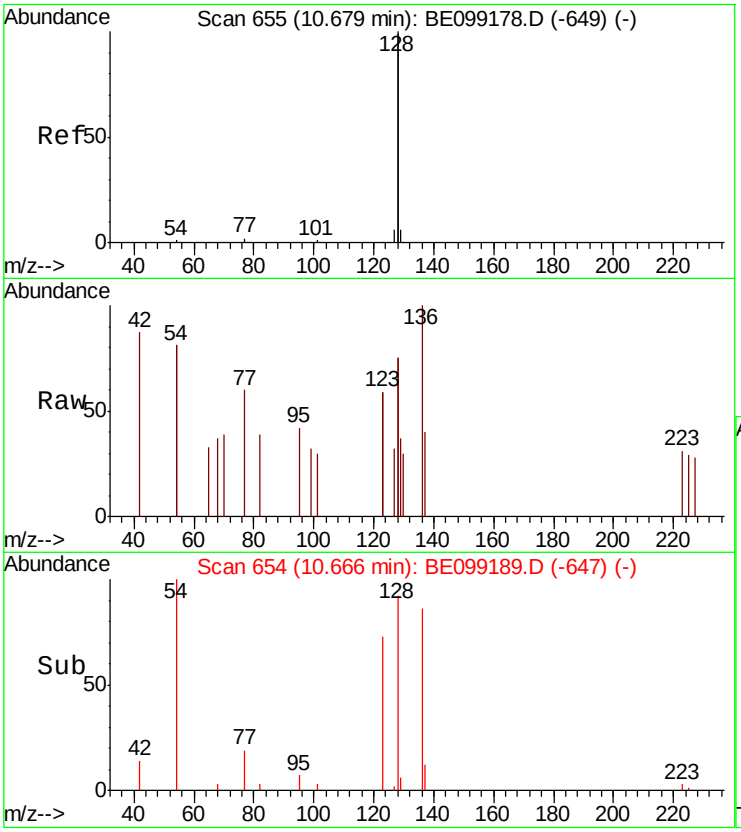


#8
Nitrobenzene-d5
Concen: 0.244 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion: 82 Resp: 2660

Ion	Ratio	Lower	Upper
82	100		
128	150.7	107.5	161.3
54	147.3	106.3	159.5



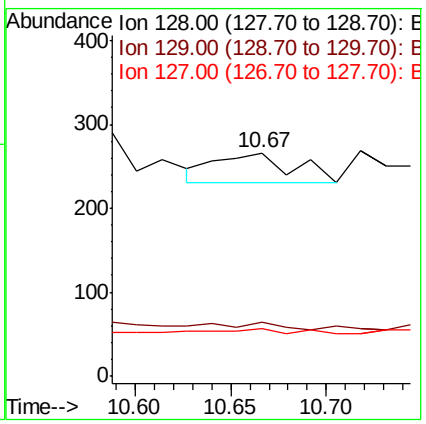


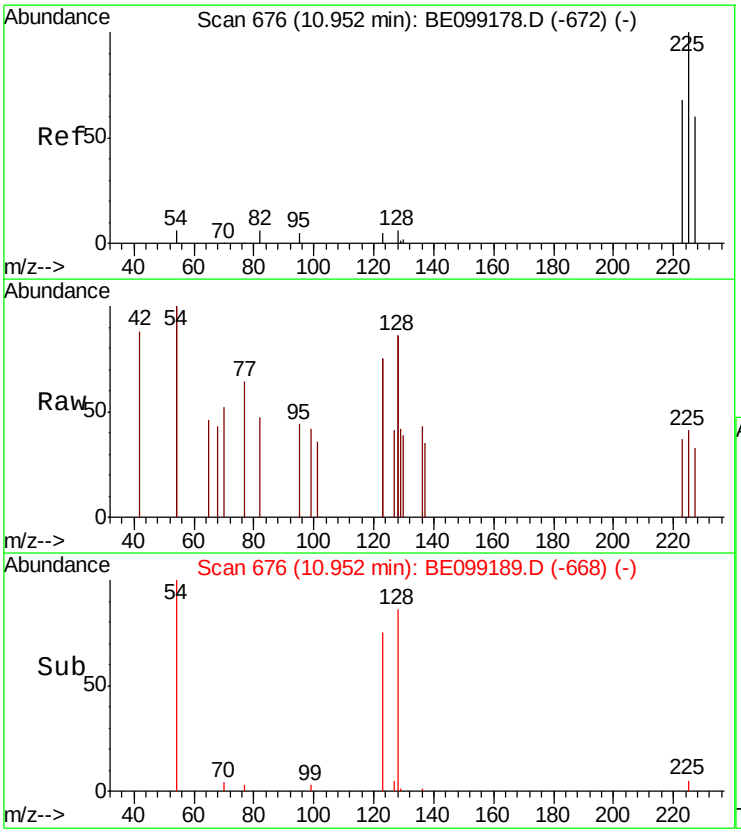
#9
Naphthalene
Concen: 0.001 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:128 Resp: 101

Ion	Ratio	Lower	Upper
128	100		
129	24.4	2.3	3.5#
127	21.4	2.6	3.8#

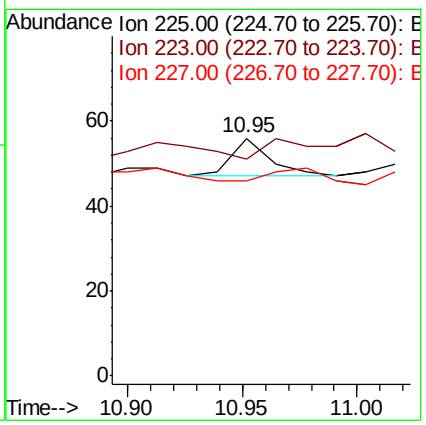


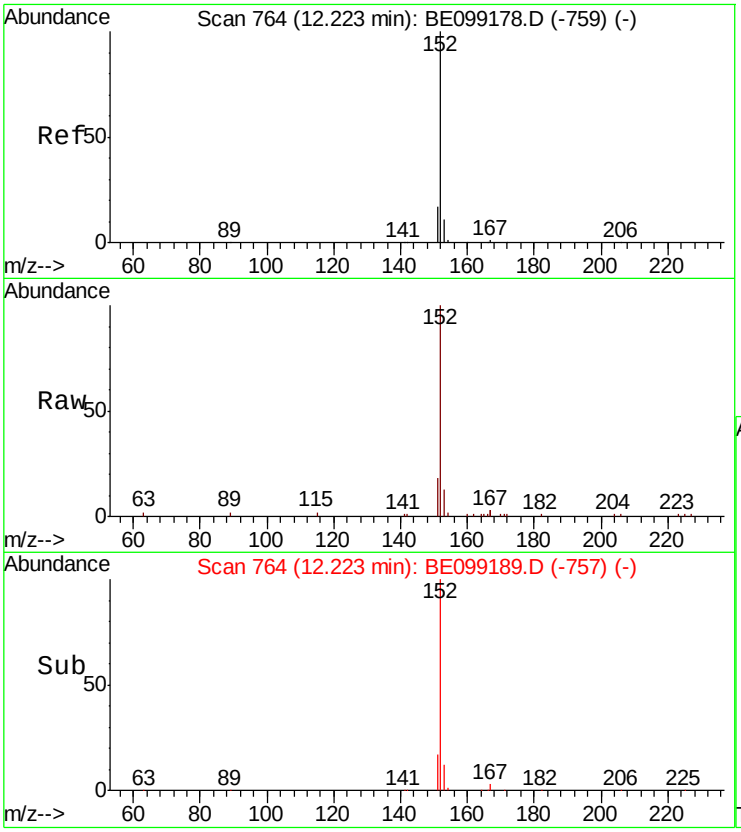


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:225 Resp: 11

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.3	76.9#
227	0.0	48.6	73.0#



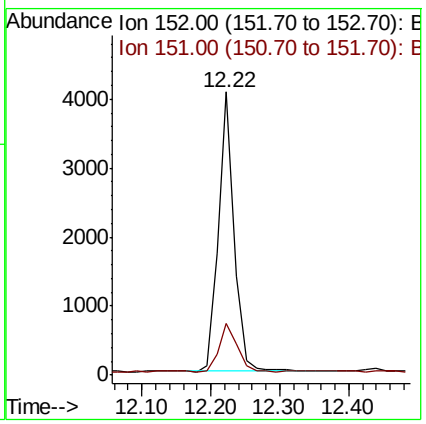


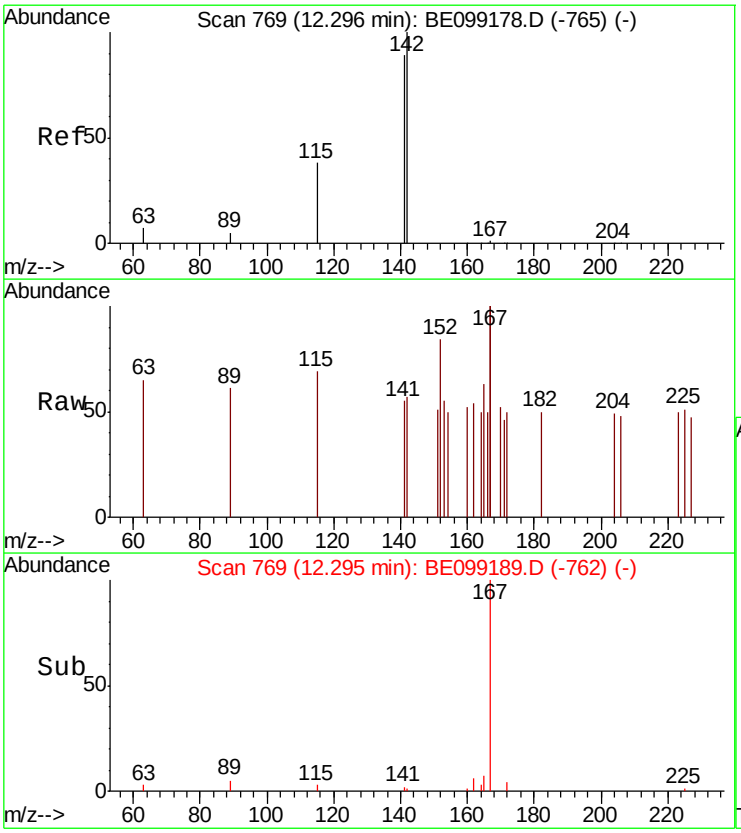
#11
2-Methylnaphthalene-d10
Concen: 0.254 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:152 Resp: 6545

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.6

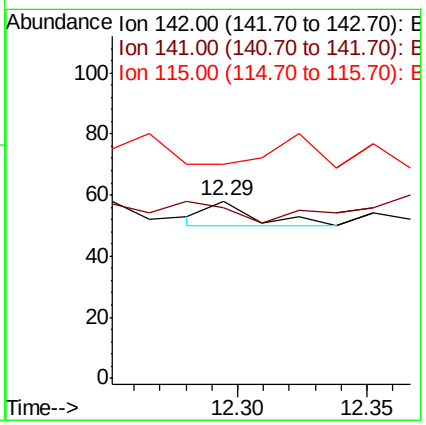


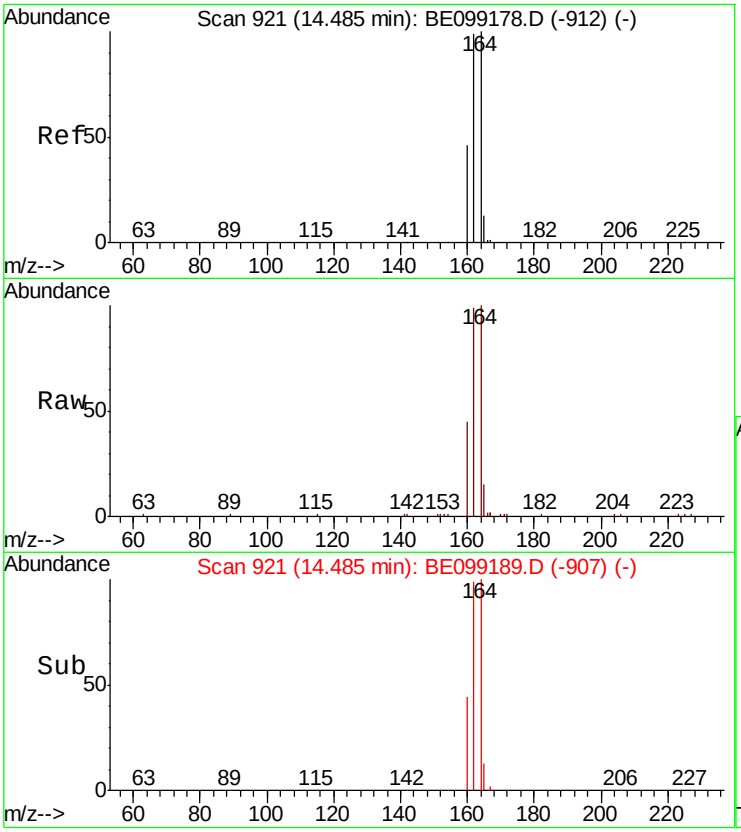


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.29 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	96.6	71.3	106.9
115	120.7	30.4	45.6#



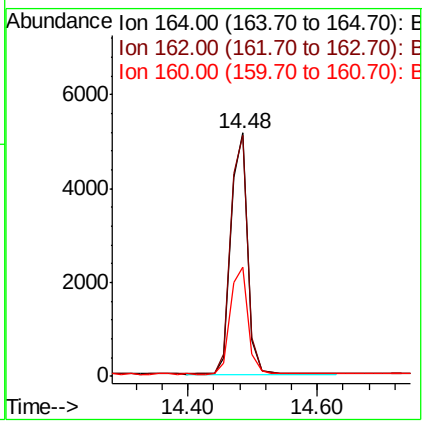


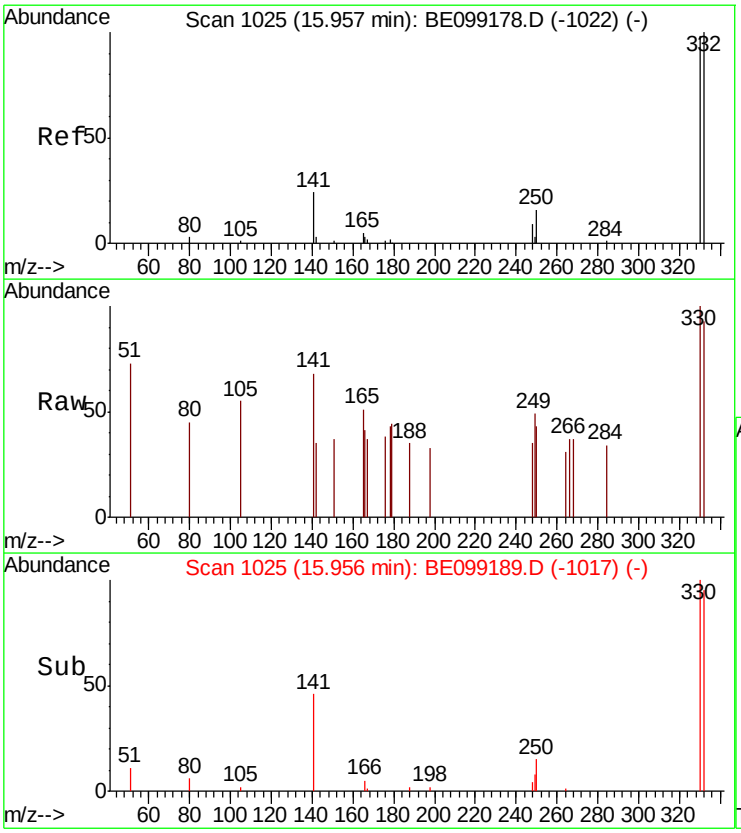
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:164 Resp: 9181

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.2	118.8
160	44.8	36.7	55.1

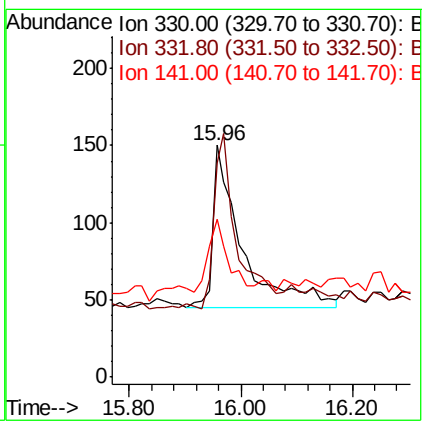


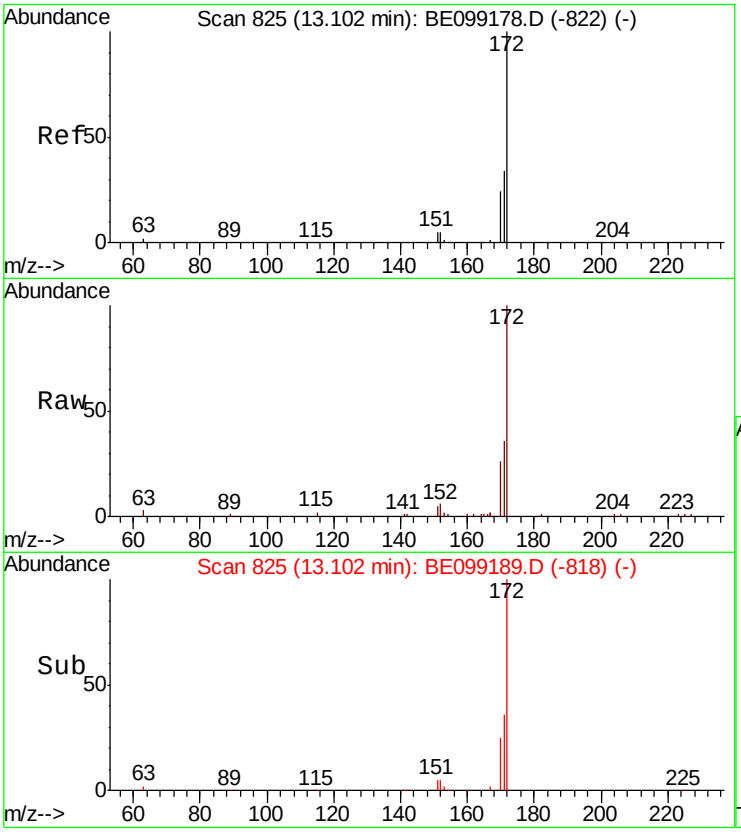


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:330 Resp: 384

Ion	Ratio	Lower	Upper
330	100		
332	85.2	71.3	106.9
141	31.0	21.7	32.5



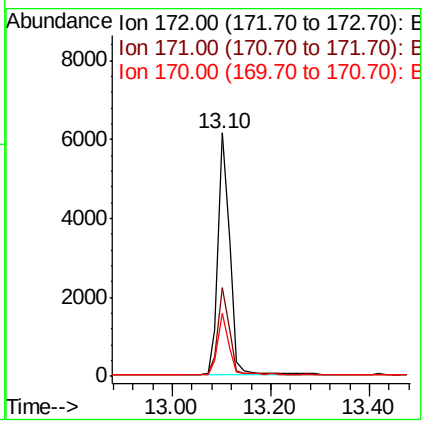


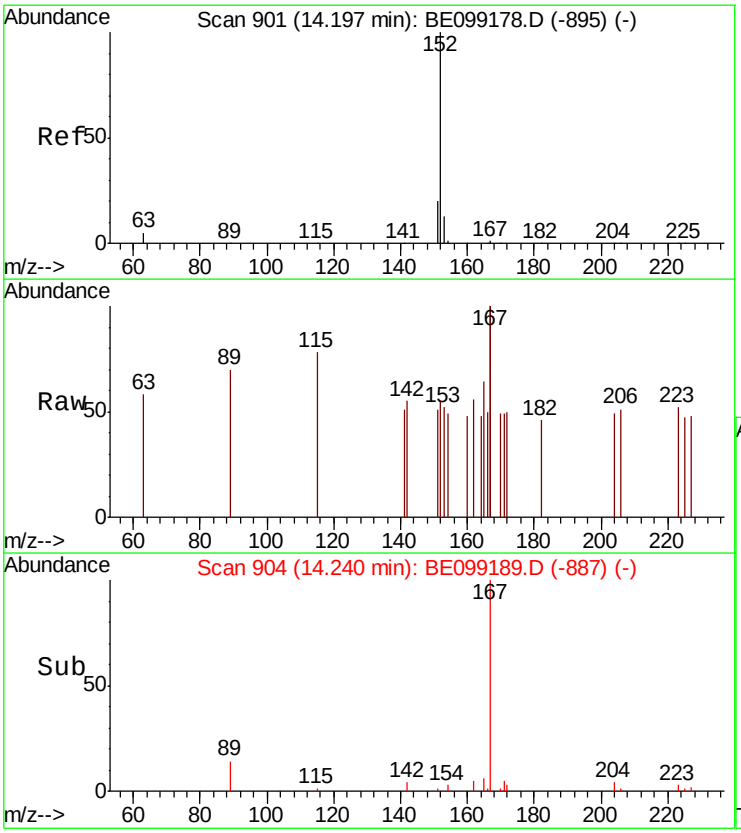
#15
2-Fluorobiphenyl
Concen: 0.262 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:172 Resp: 9793

Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.4	41.0
170	25.8	19.1	28.7

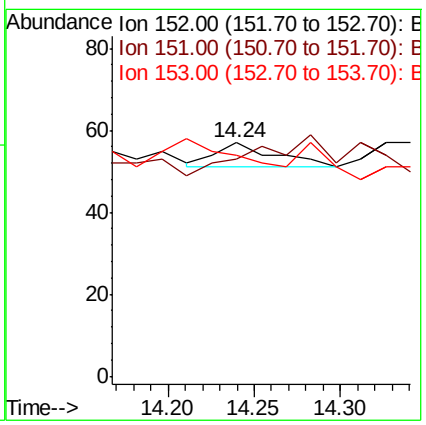


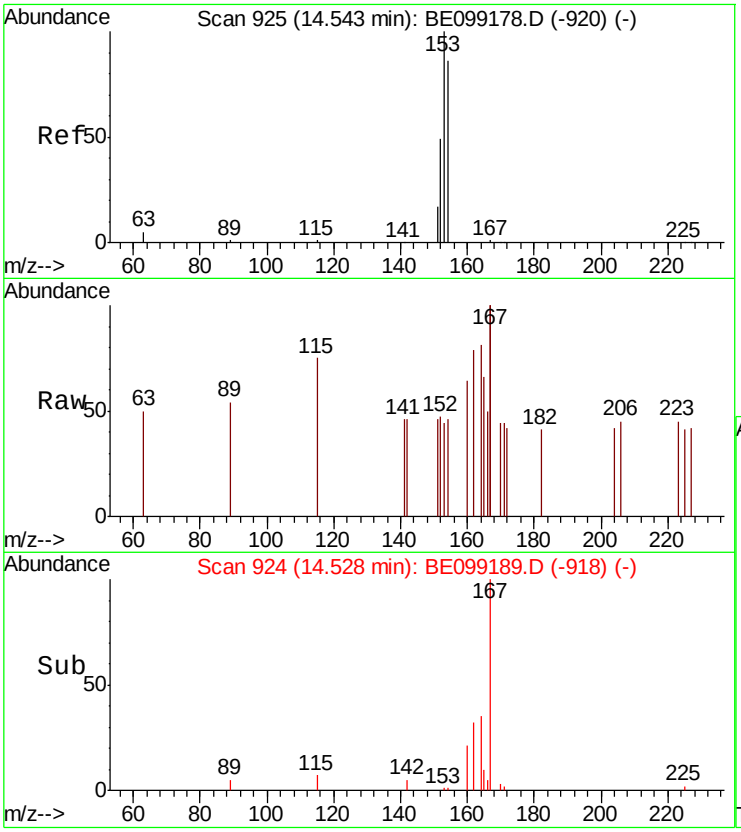


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.04 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:152 Resp: 15

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.6	15.8#



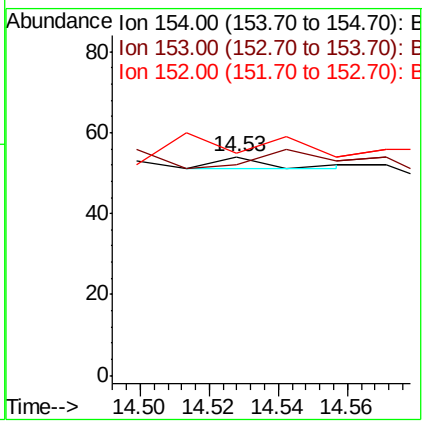


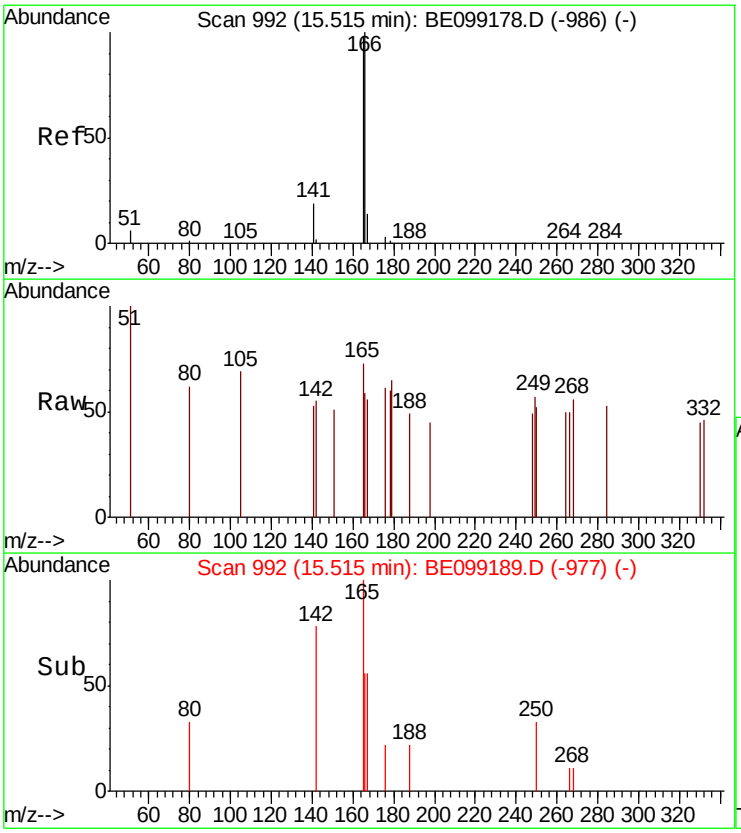
#17
Acenaphthene
Concen: 0.000 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:154 Resp: 3

Ion	Ratio	Lower	Upper
154	100		
153	433.3	93.4	140.0#
152	0.0	46.6	69.8#

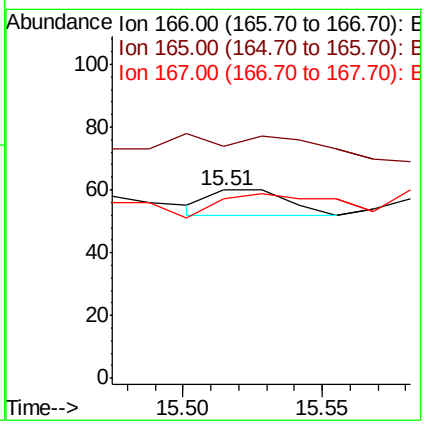


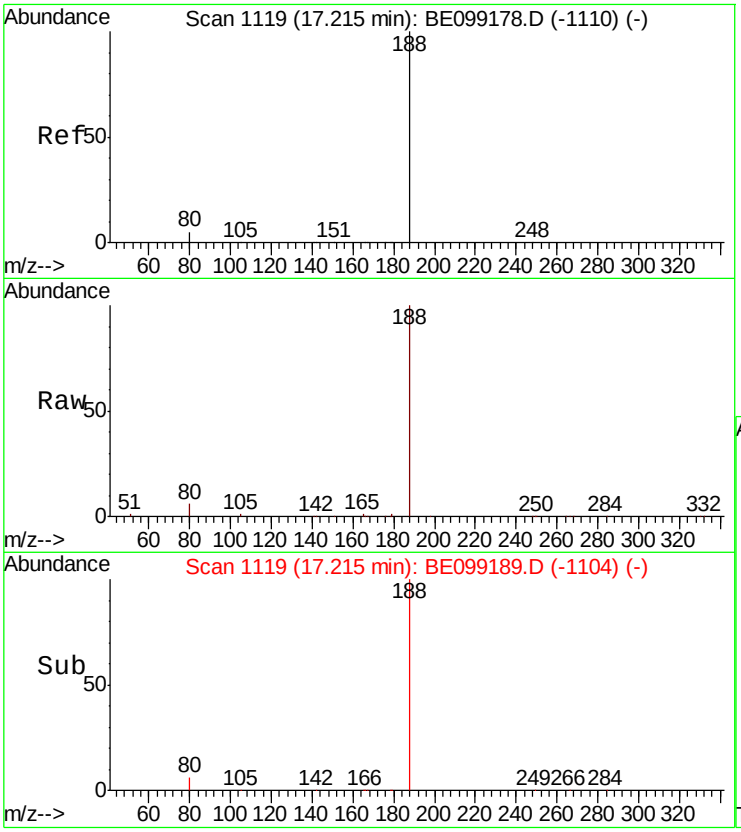


#18
Fluorene
Concen: 0.000 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:166 Resp: 15

Ion	Ratio	Lower	Upper
166	100		
165	0.0	78.9	118.3#
167	146.7	10.9	16.3#



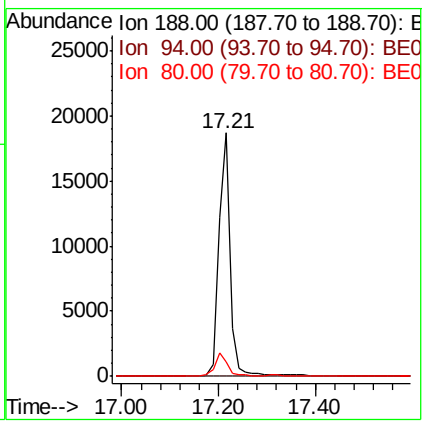


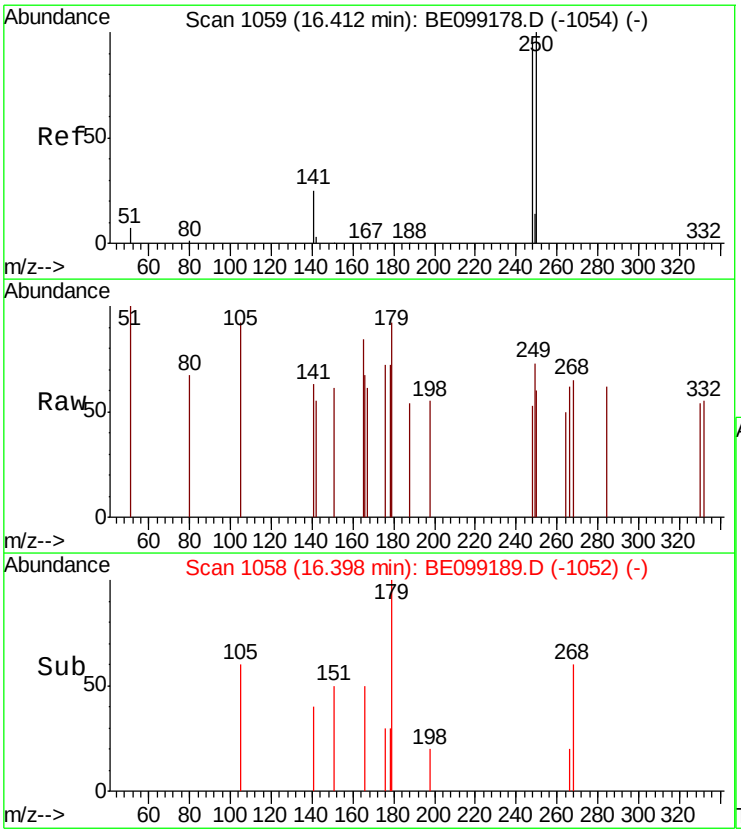
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:188 Resp: 29832

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	4.5	6.7

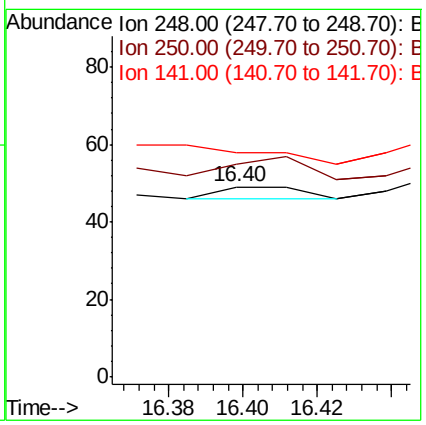


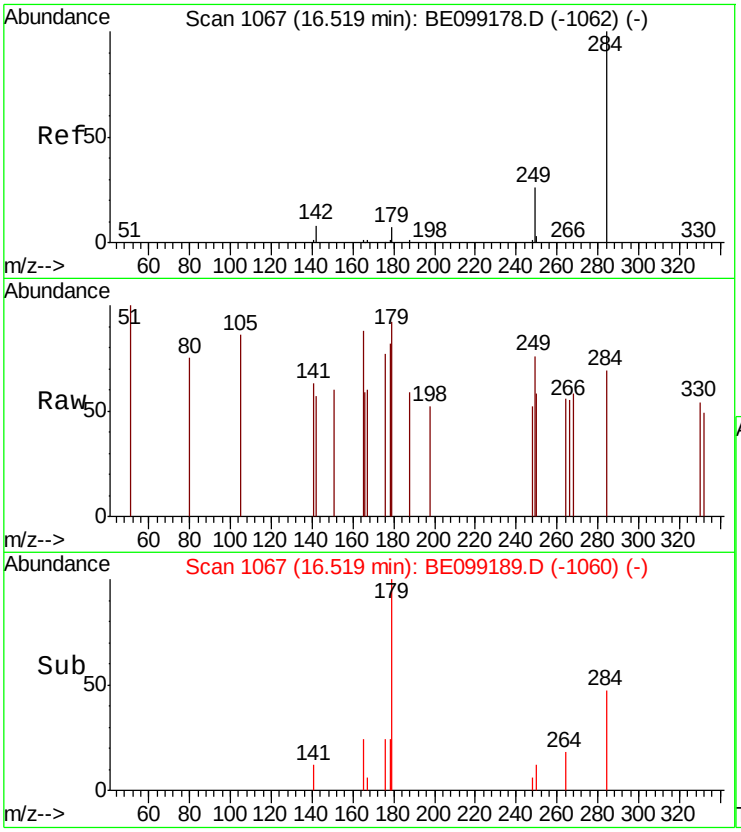


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:248 Resp: 5

Ion	Ratio	Lower	Upper
248	100		
250	112.2	84.2	126.2
141	118.4	21.8	32.6#



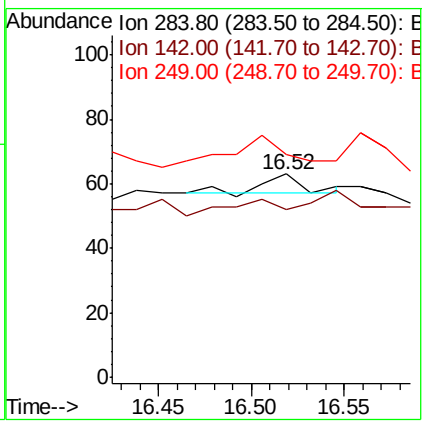


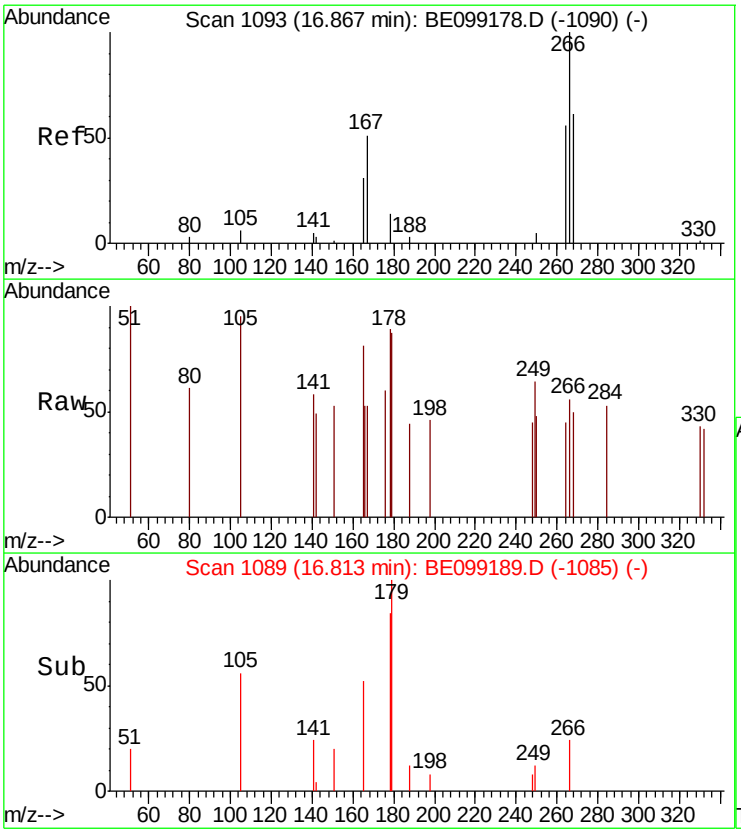
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.7	34.1#
249	210.0	26.9	40.3#

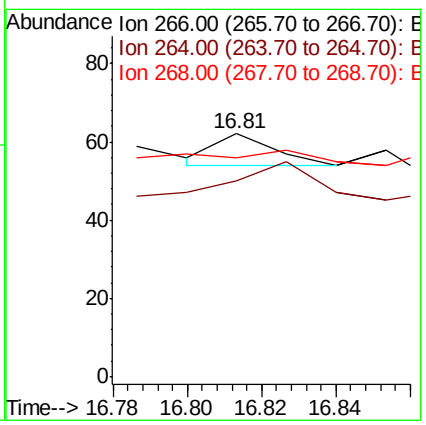


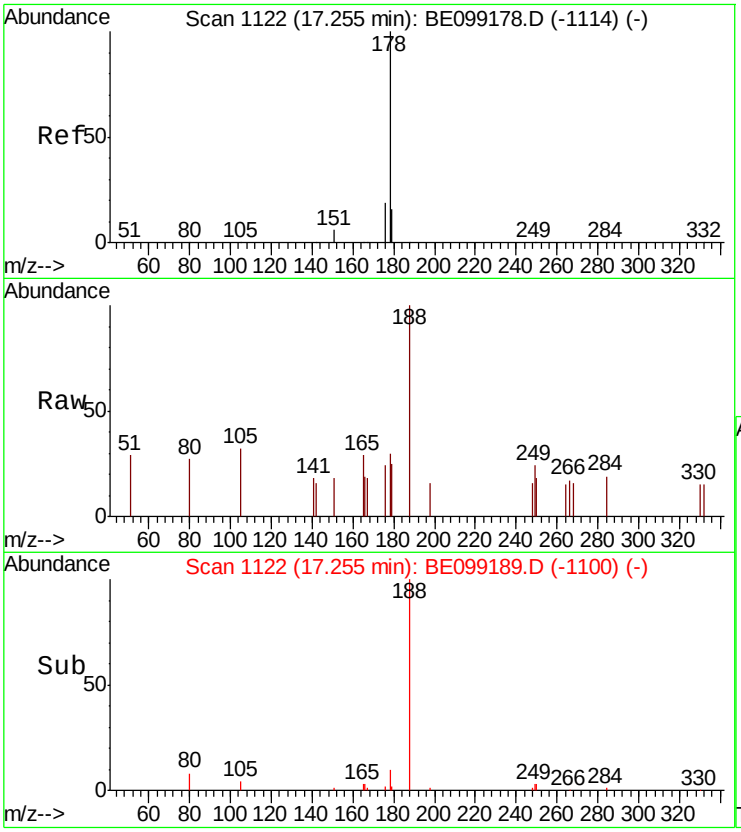


#22
Pentachlorophenol
Concen: 0.242 ng
RT: 16.81 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	80.6	54.4	81.6
268	90.3	61.3	91.9



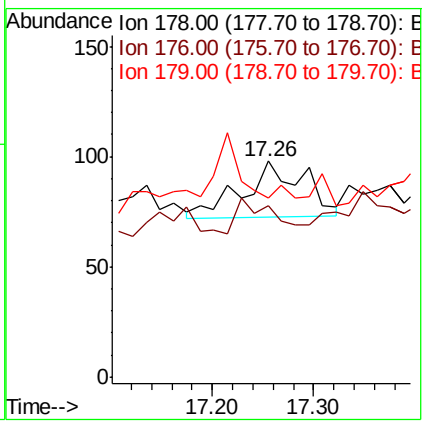


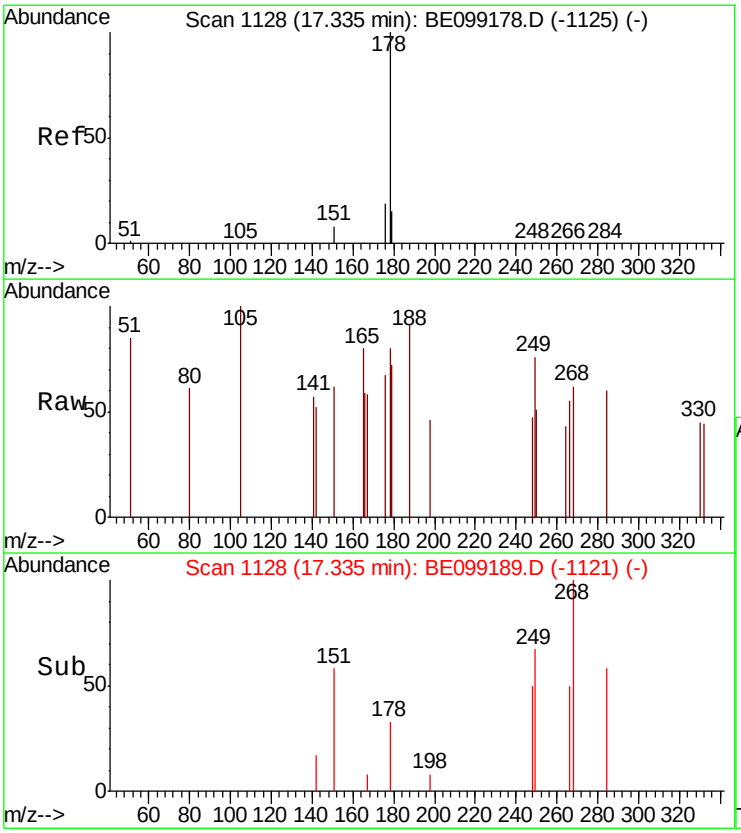
#23
Phenanthrene
Concen: 0.001 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:178 Resp: 106

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.3	18.5#

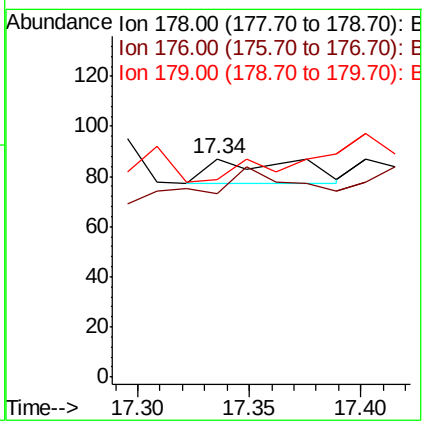


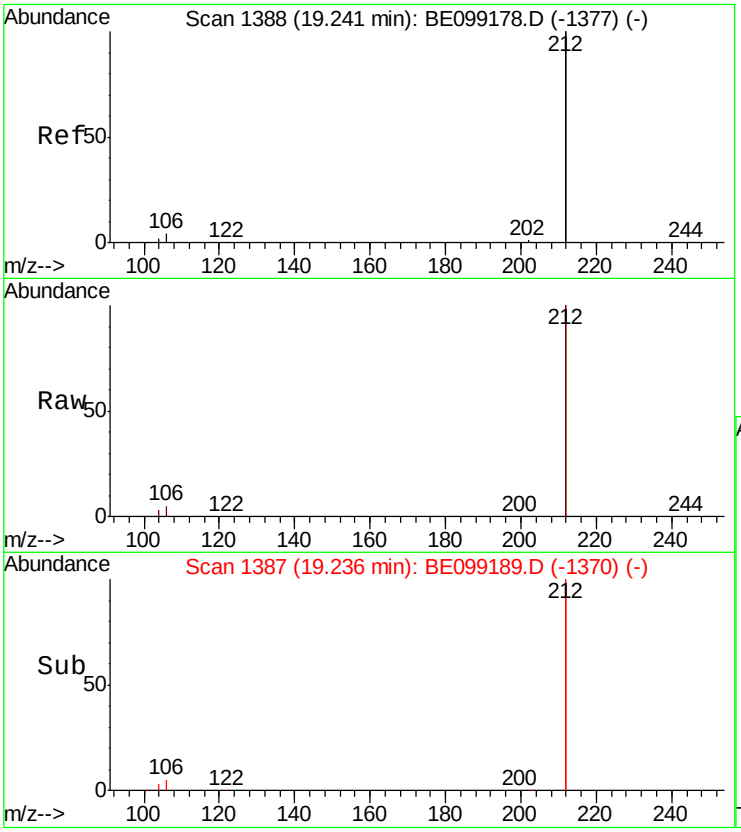


#24
Anthracene
Concen: 0.000 ng
RT: 17.34 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:178 Resp: 29

Ion	Ratio	Lower	Upper
178	100		
176	144.8	15.1	22.7#
179	0.0	12.4	18.6#



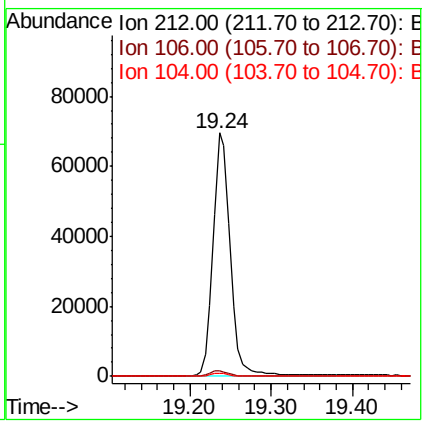


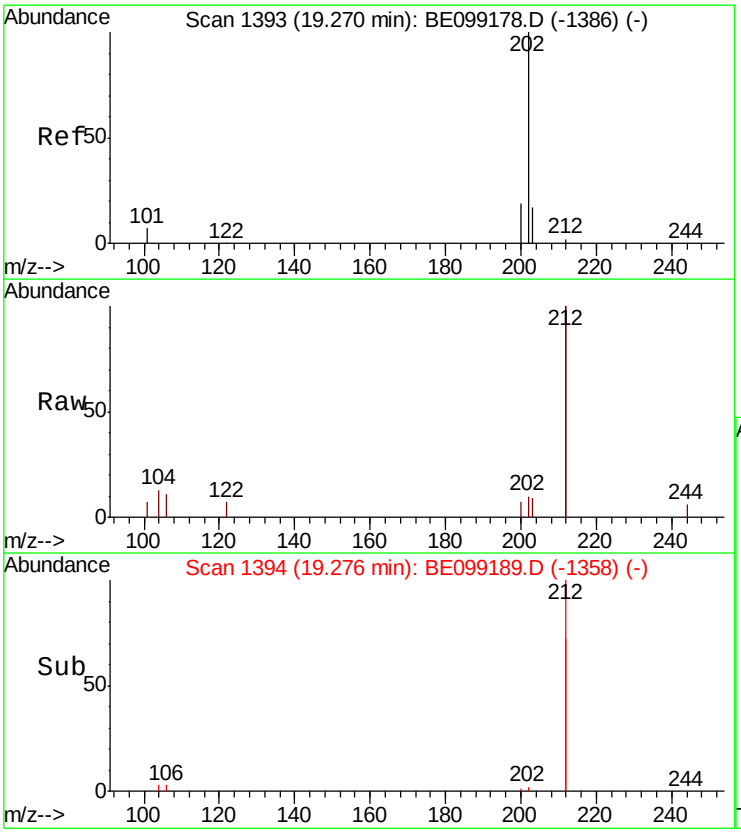
#25
Fluoranthene-d10
Concen: 0.279 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:212 Resp: 100818

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.1	1.7

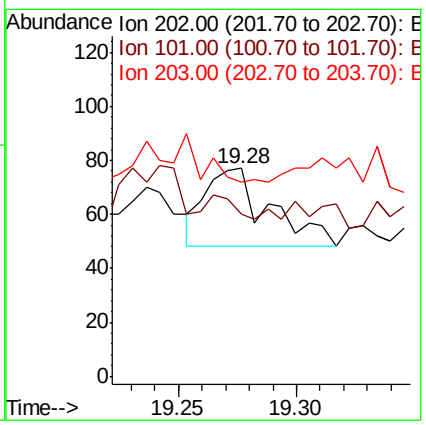


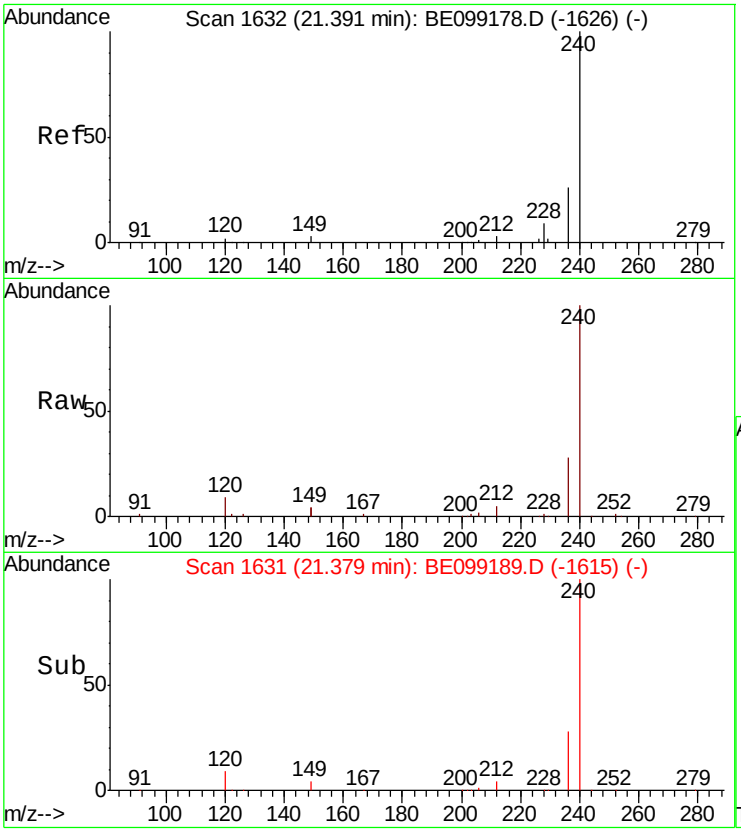


#26
Fluoranthene
Concen: 0.001 ng
RT: 19.28 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:202 Resp: 56

Ion	Ratio	Lower	Upper
202	100		
101	12.5	7.0	10.4#
203	0.0	13.8	20.6#



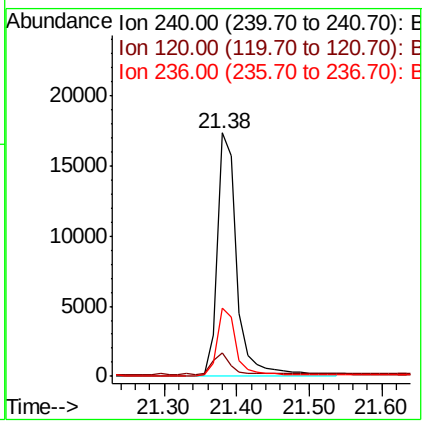


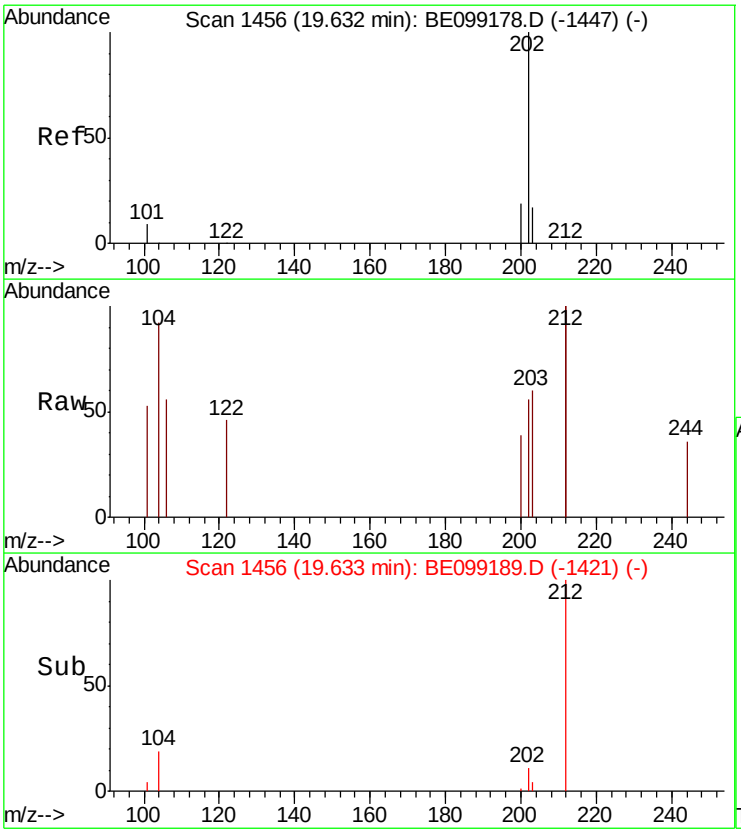
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:240 Resp: 32635

Ion	Ratio	Lower	Upper
240	100		
120	9.5	2.6	3.8#
236	28.0	20.9	31.3

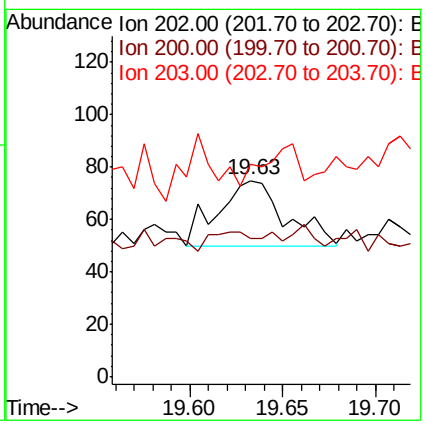


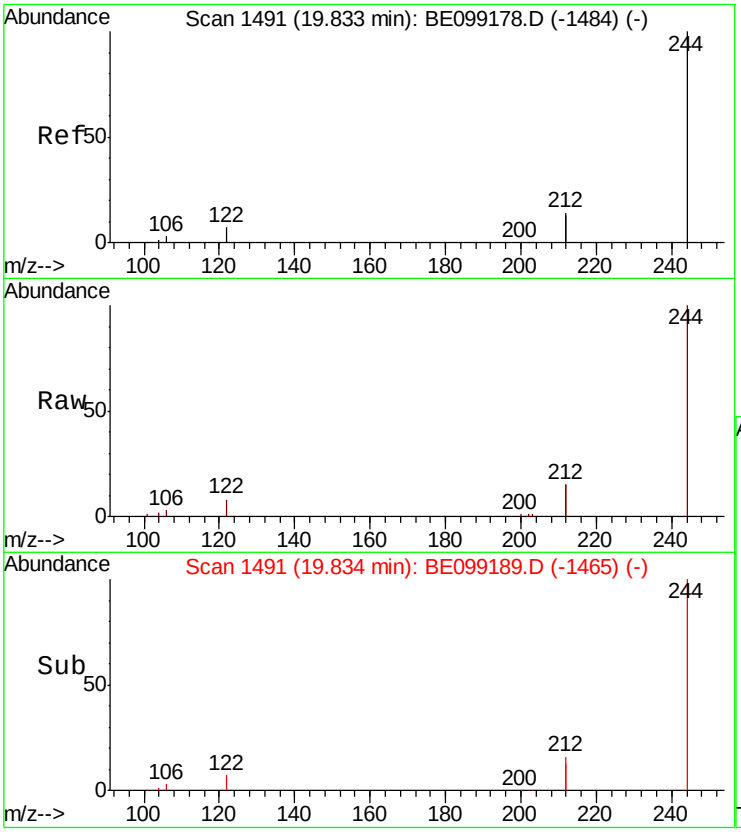


#28
Pyrene
Concen: 0.001 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:202 Resp: 63

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.8	23.8
203	0.0	14.1	21.1#



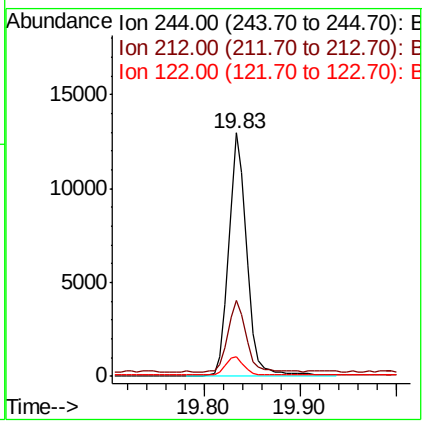


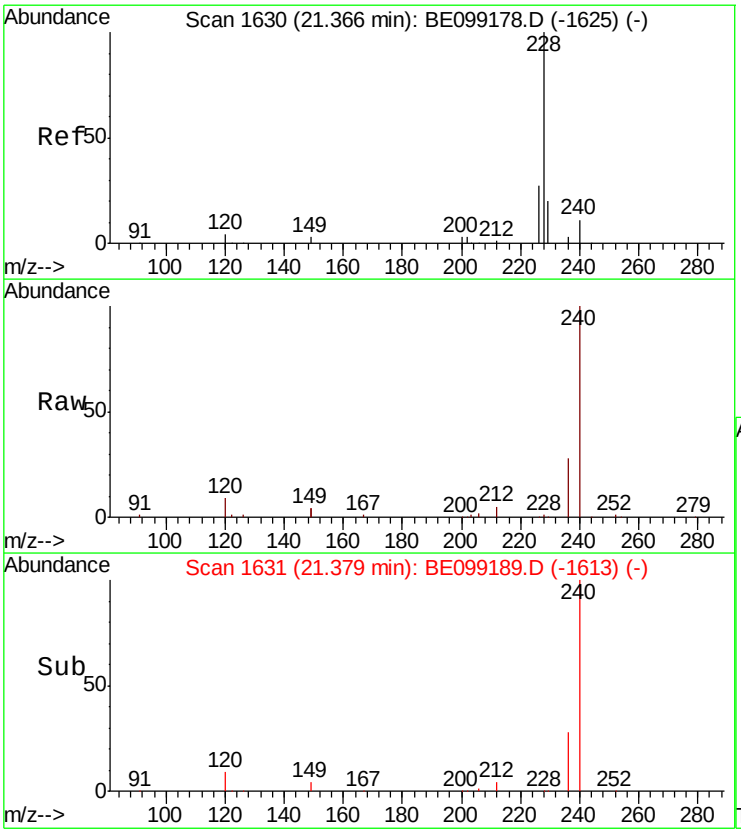
#29
Terphenyl-d14
Concen: 0.235 ng
RT: 19.83 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:244 Resp: 16700

Ion	Ratio	Lower	Upper
244	100		
212	31.0	22.7	34.1
122	7.8	5.8	8.6

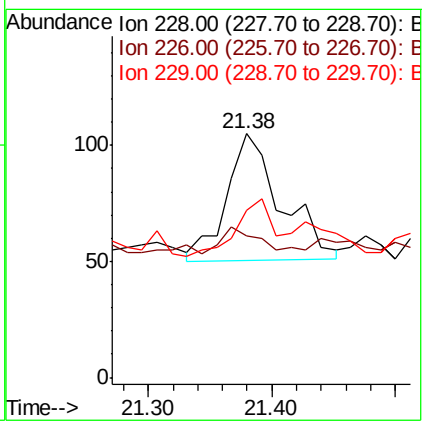


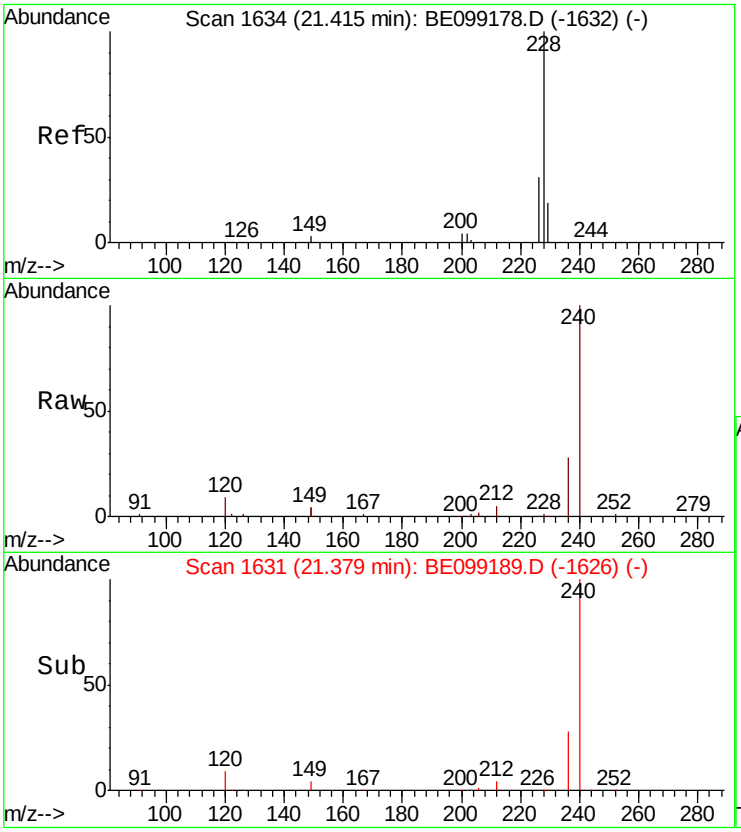


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:228 Resp: 168

Ion	Ratio	Lower	Upper
228	100		
226	58.1	21.7	32.5#
229	68.6	15.9	23.9#



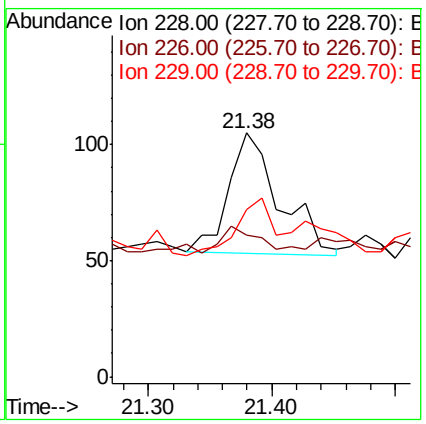


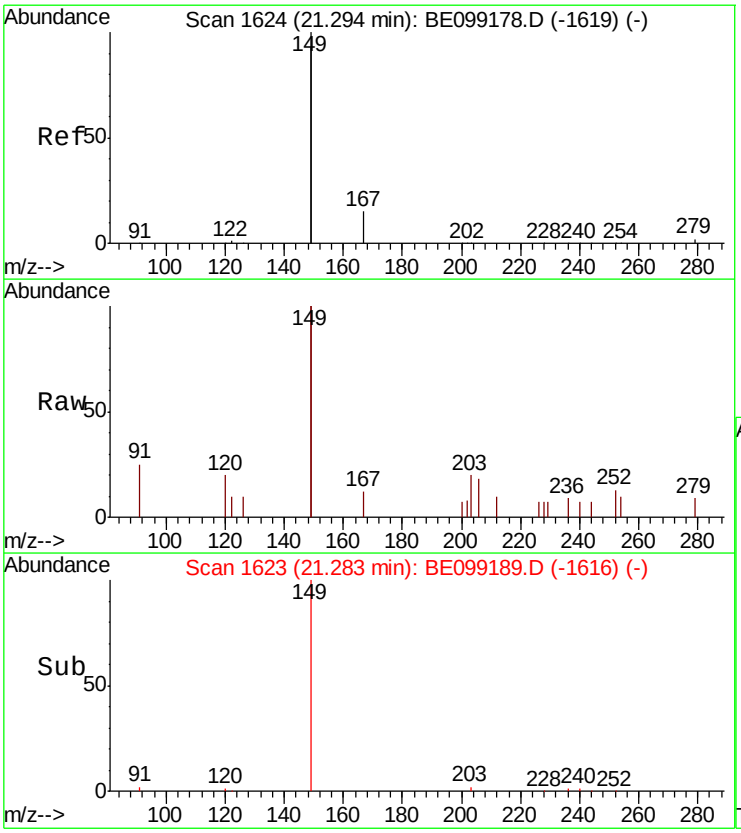
#31
Chrysene
Concen: 0.001 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:228 Resp: 150

Ion	Ratio	Lower	Upper
228	100		
226	58.1	24.8	37.2#
229	68.6	15.4	23.0#

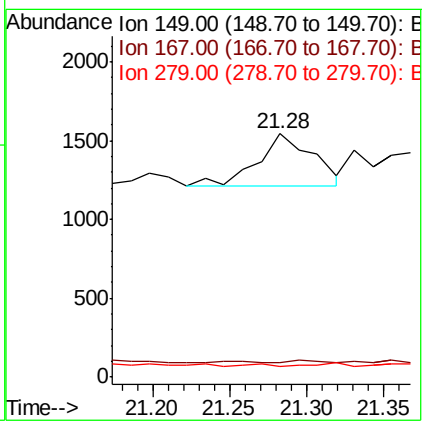


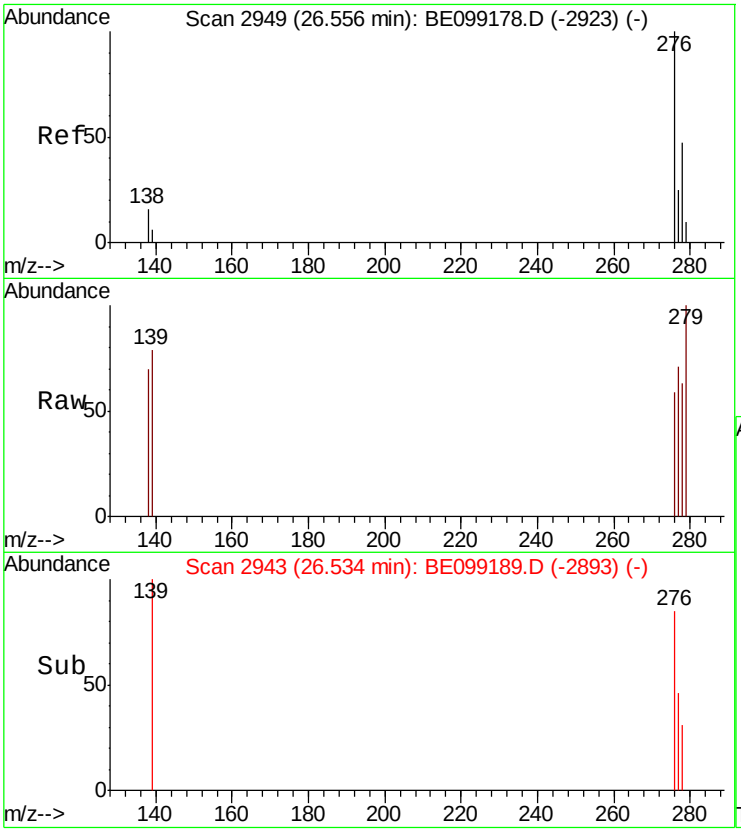


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.006 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:149 Resp: 810

Ion	Ratio	Lower	Upper
149	100		
167	2.5	5.9	8.9#
279	0.0	1.0	1.6#



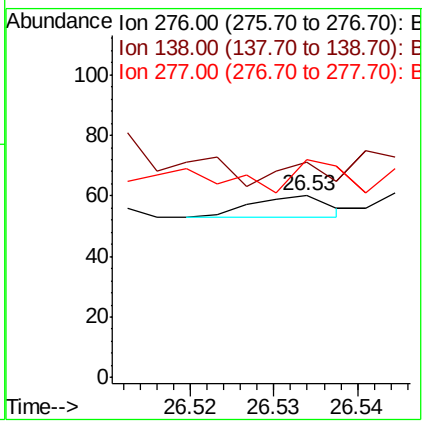


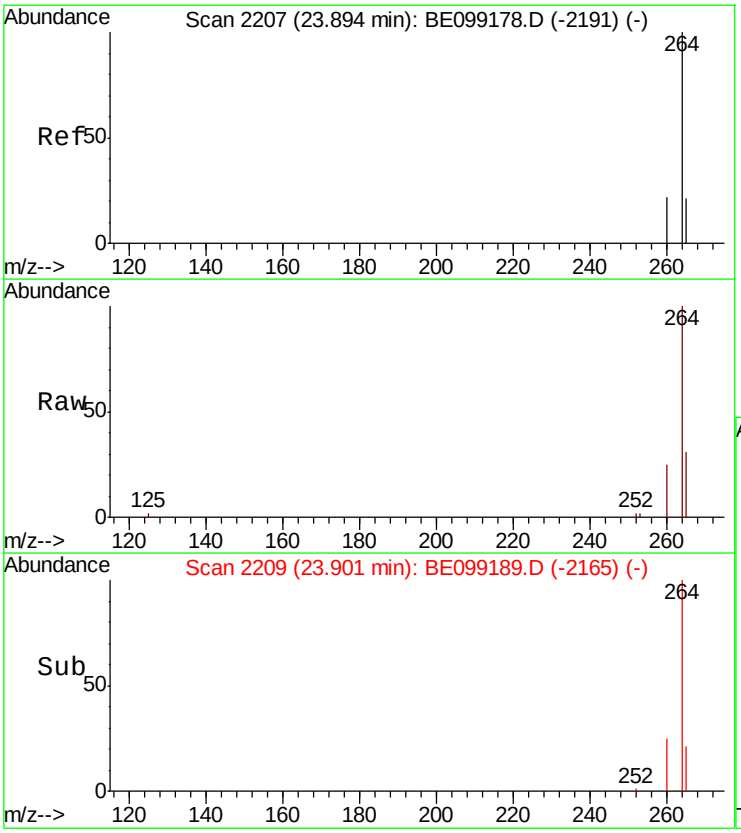
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.02 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
138	175.0	12.9	19.3#
277	100.0	18.3	27.5#

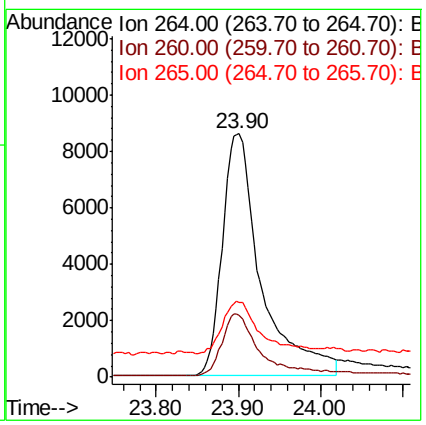


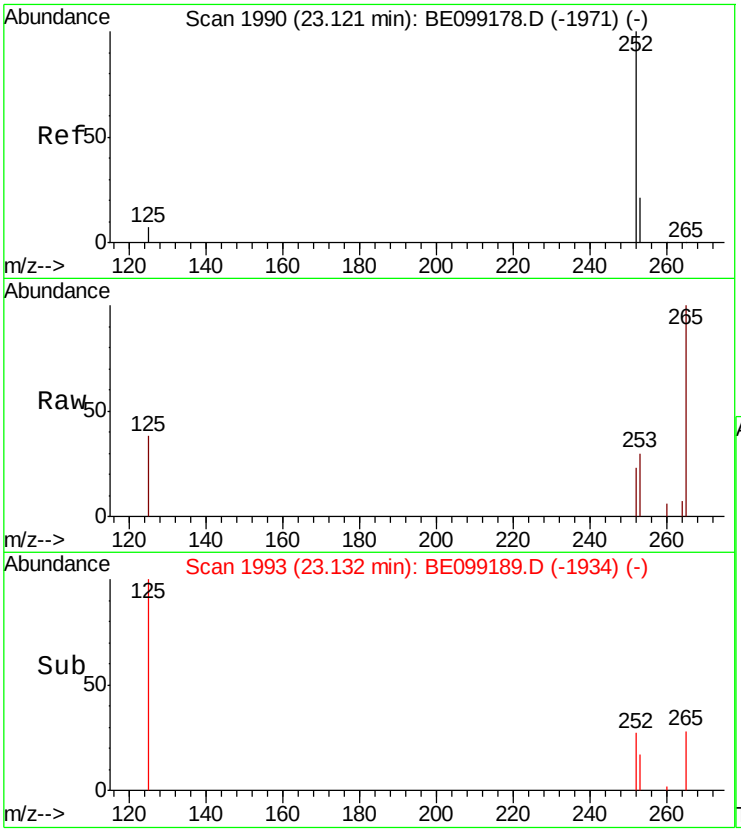


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:264 Resp: 28015

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.2
265	30.8	21.8	32.8



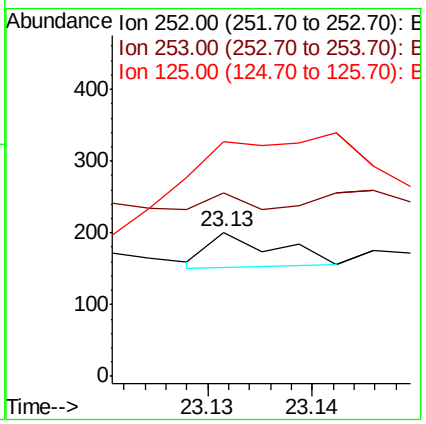


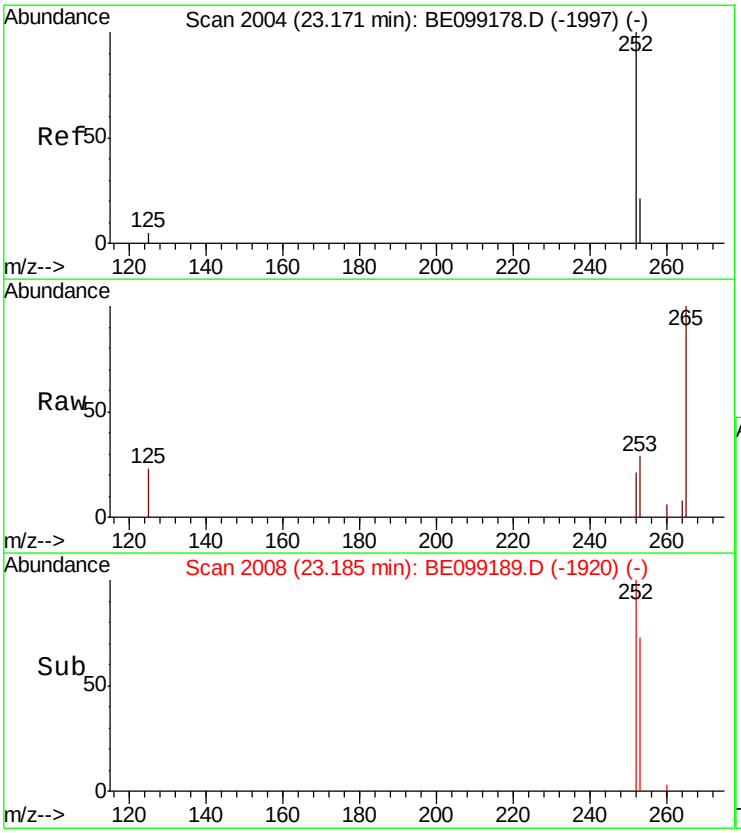
#35
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:252 Resp: 22

Ion	Ratio	Lower	Upper
252	100		
253	126.9	17.8	26.8#
125	162.7	6.1	9.1#

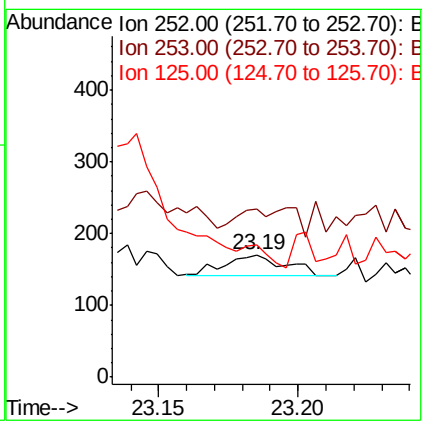


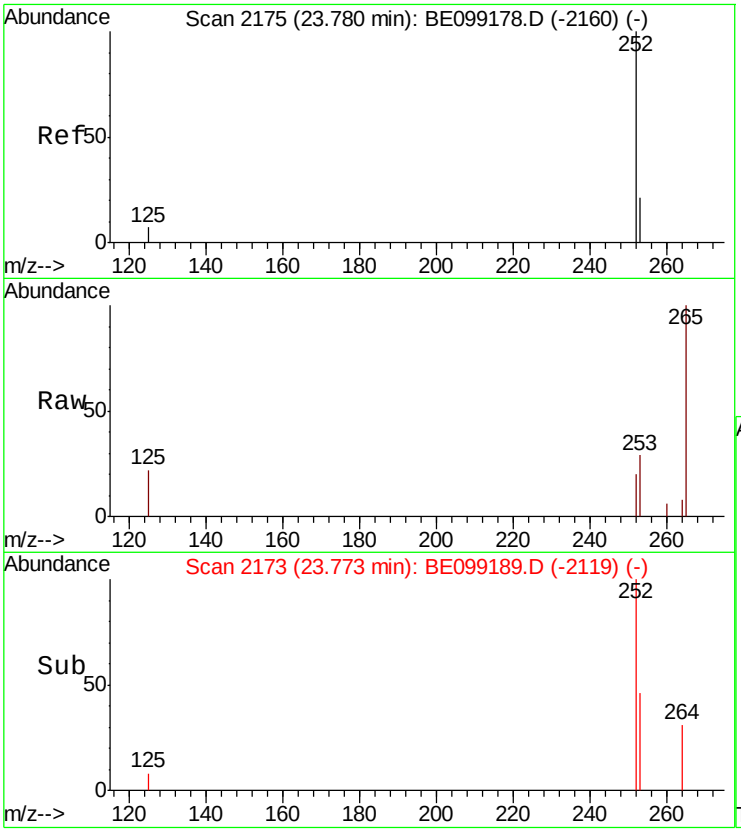


#36
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:252 Resp: 44

Ion	Ratio	Lower	Upper
252	100		
253	136.8	17.8	26.6#
125	107.6	5.9	8.9#



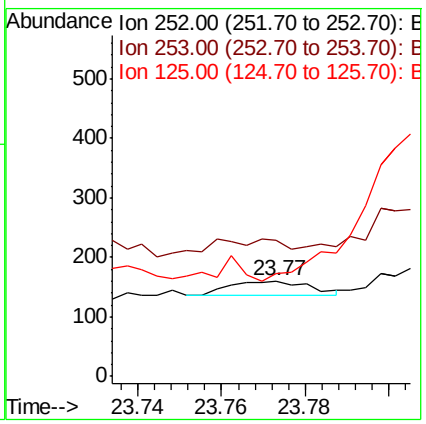


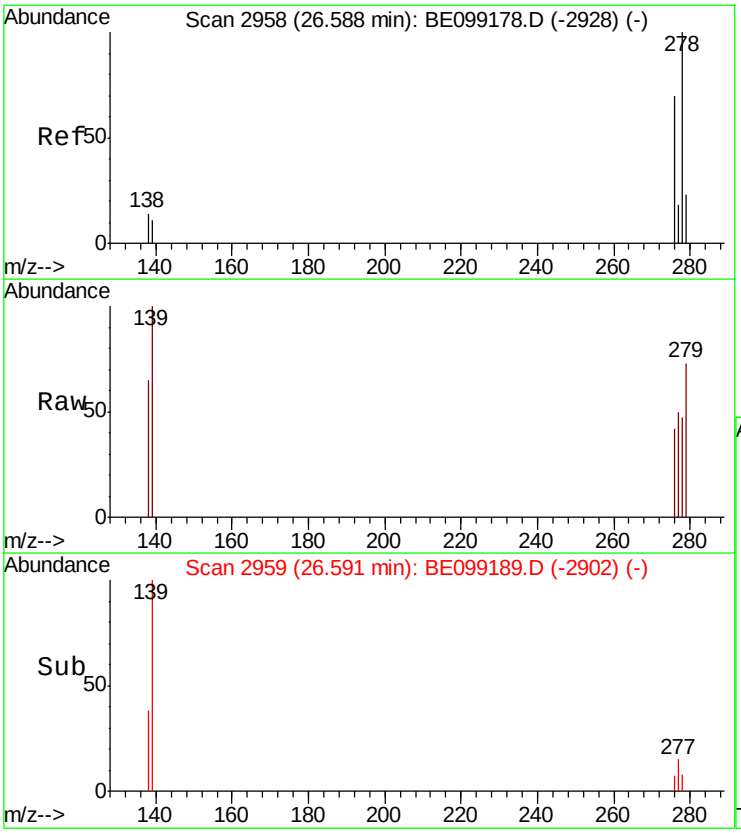
#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:252 Resp: 32

Ion	Ratio	Lower	Upper
252	100		
253	141.6	18.1	27.1#
125	108.1	6.8	10.2#

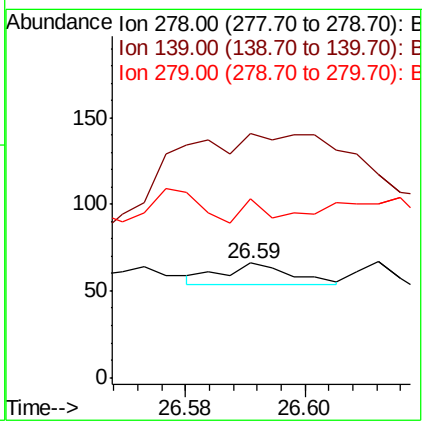


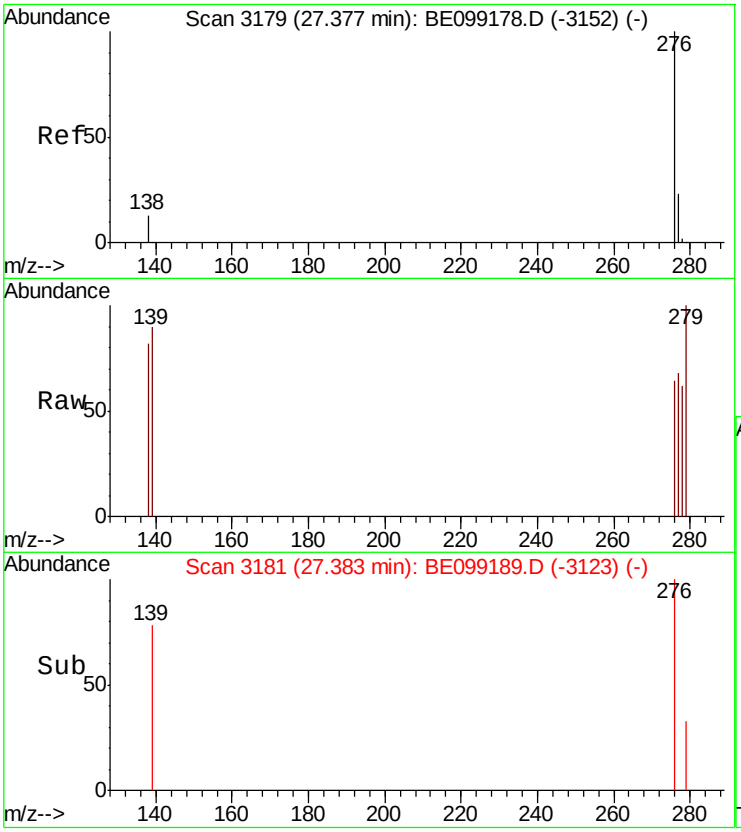


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.59 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Tgt Ion:278 Resp: 9

Ion	Ratio	Lower	Upper
278	100		
139	213.6	9.5	14.3#
279	156.1	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.38 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BE099189.D
Acq: 25 Mar 2019 20:53

Instrument :
BNA_E
ClientSampleId :
PB118217BL

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
277	106.8	19.0	28.4#
138	127.1	11.1	16.7#