Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
Data File : BE099909.D
Acq On : 11 Jun 2019 2:33
Operator : JU/SJ
Sample : K3257-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE120D1-20190606

Quant Time: Jun 11 06:01:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	889	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3039	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	2276	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	6426	0.40	ng		0.00
27) Chrysene-d12	21.40	240	9574	0.40	ng		0.00
34) Perylene-d12	23.93	264	11260	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	338	0.14	ng		0.01
5) Phenol-d6	6.98	99	240	0.08	ng		0.01
8) Nitrobenzene-d5	8.98	82	1011	0.35	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	1801	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	386	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	3614	0.42	ng		-0.01
25) Fluoranthene-d10	19.25	212	35863	0.38	ng		0.00
29) Terphenyl-d14	19.84	244	9539	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	9845	7.482	ng		95
3) n-Nitrosodimethylamine	3.55	42	35	0.046	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	75	0.030	ng	#	59
9) Naphthalene	10.65	128	426	0.013	ng	#	69
10) Hexachlorobutadiene	10.93	225	5	0.002	ng	#	18
12) 2-Methylnaphthalene	12.28	142	60	0.011	ng	#	71
16) Acenaphthylene	14.20	152	15	0.001	ng	#	1
17) Acenaphthene	14.53	154	4	0.001	ng	#	1
18) Fluorene	15.51	166	24	0.003	ng	#	58
20) 4-Bromophenyl-phenylether	16.44	248	2	0.001	ng	#	63
22) Pentachlorophenol	16.89	266	369	0.506	ng		90
23) Phenanthrene	17.25	178	113	0.007	ng	#	85
24) Anthracene	17.35	178	9	0.001	ng	#	1
26) Fluoranthene	19.28	202	47	0.002	ng	#	88
28) Pyrene	19.65	202	32	0.001	ng	#	73
30) Benzo(a)anthracene	21.39	228	76	0.003	ng	#	1
31) Chrysene	21.39	228	70	0.002	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.29	149	17700	0.431	ng		100
33) Indeno(1,2,3-cd)pyrene	26.62	276	4	0.000	ng	#	1
35) Benzo(b)fluoranthene	23.15	252	90	0.003	ng	#	1
36) Benzo(k)fluoranthene	23.19	252	4	0.000	ng	#	1
37) Benzo(a)pyrene	23.82	252	43	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	26.64	278	5	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.43	276	2	0.000	ng	#	1

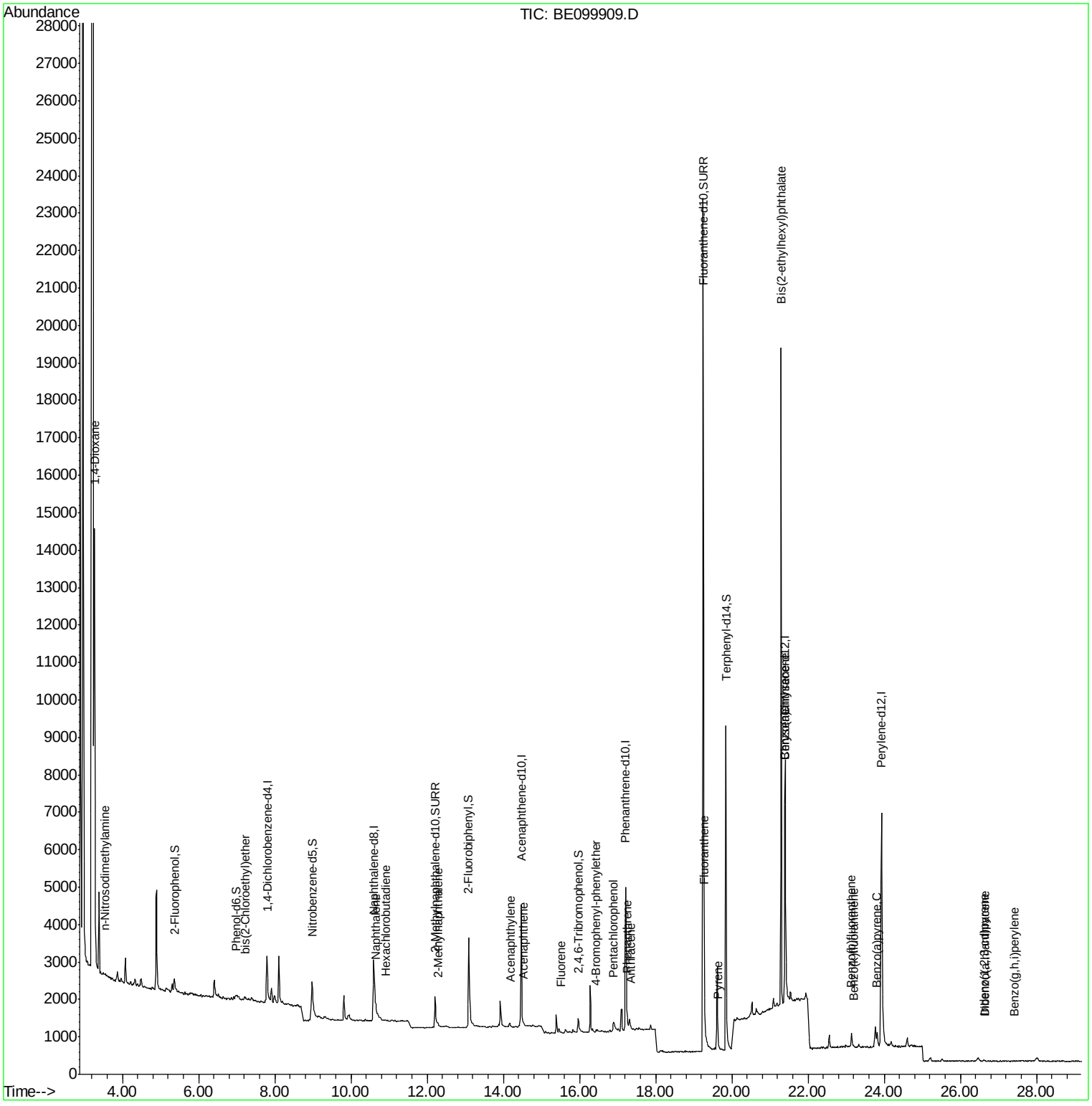
(#) = qualifier out of range (m) = manual integration (+) = signals summed

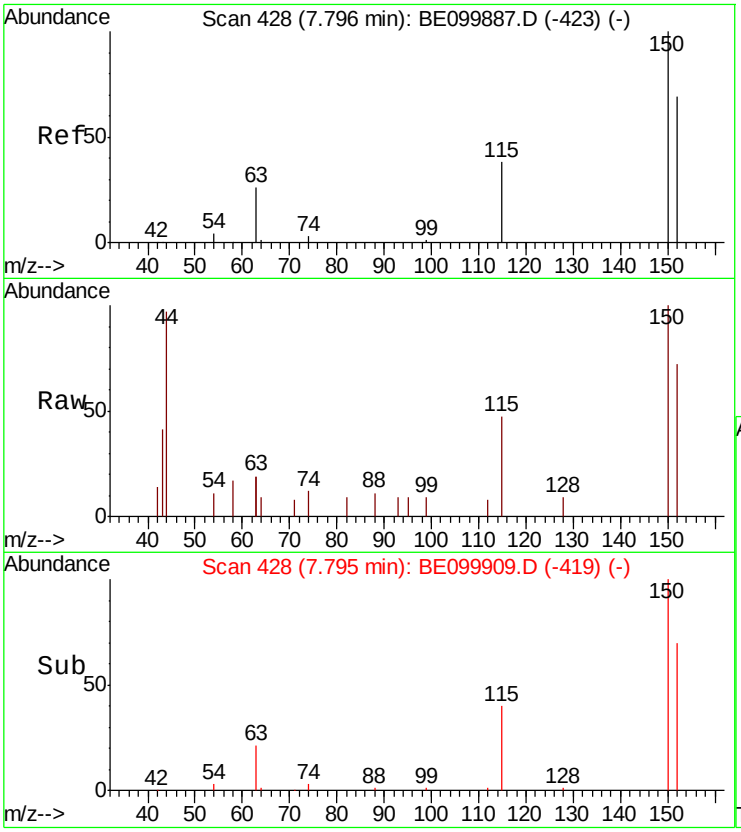
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
Data File : BE099909.D
Acq On : 11 Jun 2019 2:33
Operator : JU/SJ
Sample : K3257-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Quant Time: Jun 11 06:01:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



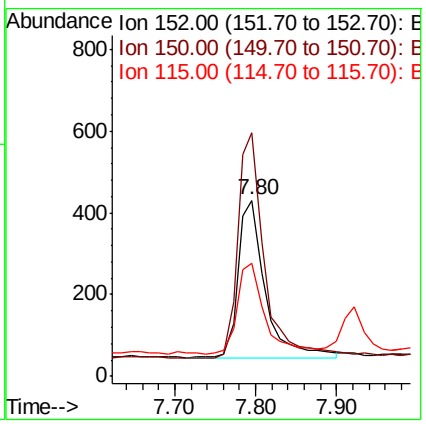


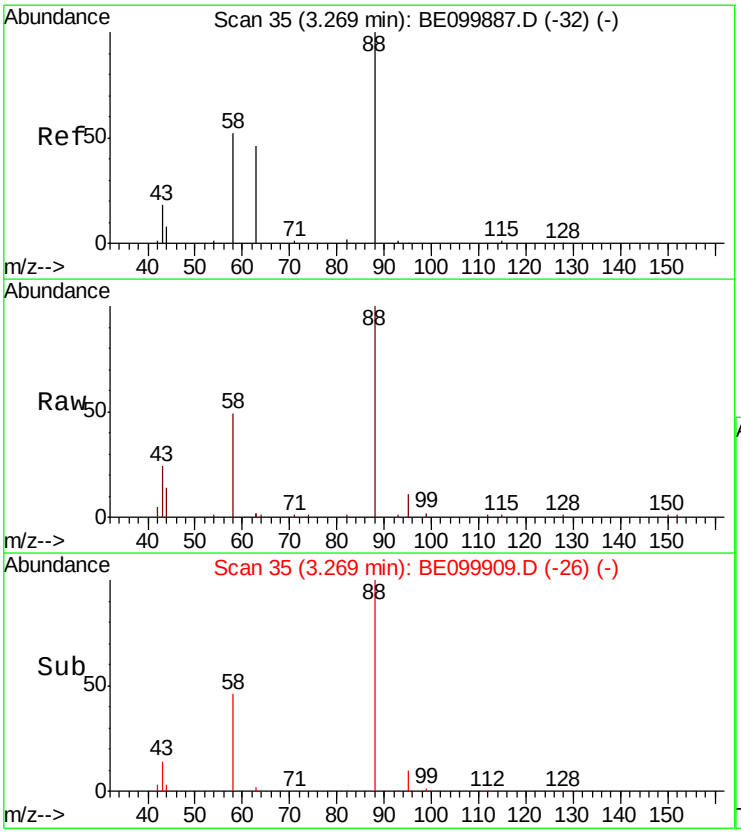
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:152 Resp: 889

Ion	Ratio	Lower	Upper
152	100		
150	138.3	111.0	166.6
115	64.5	50.7	76.1

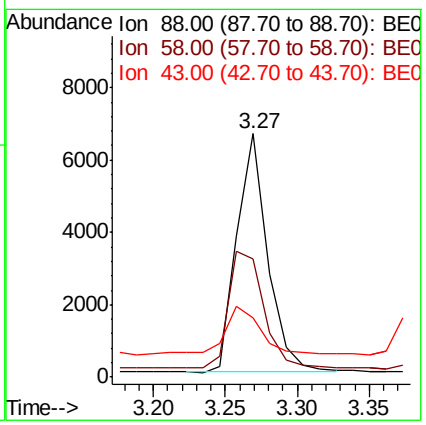


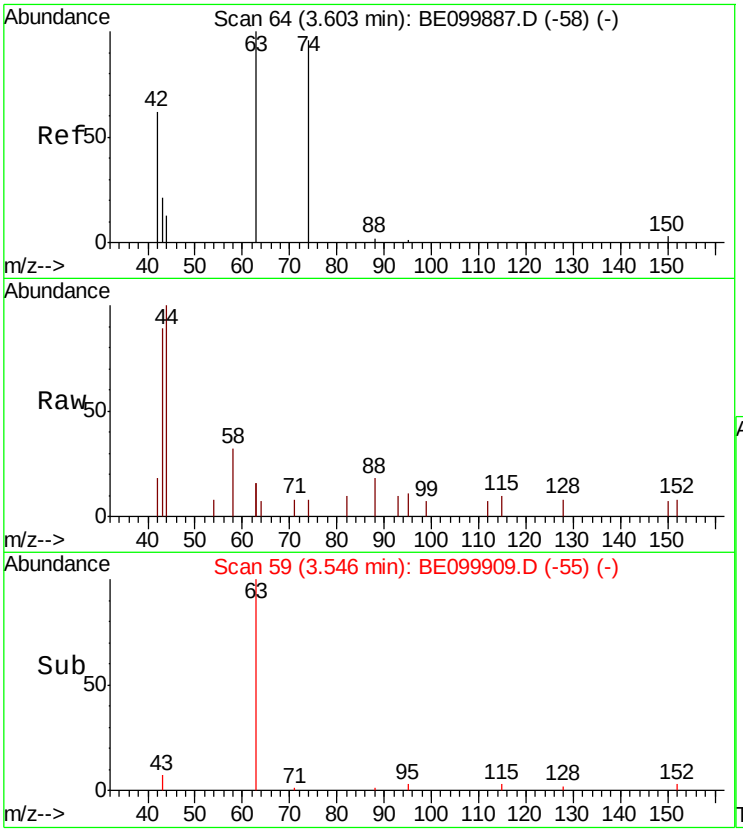


#2
1,4-Dioxane
Concen: 7.482 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion: 88 Resp: 9845

Ion	Ratio	Lower	Upper
88	100		
58	55.9	48.8	73.2
43	23.7	19.0	28.6



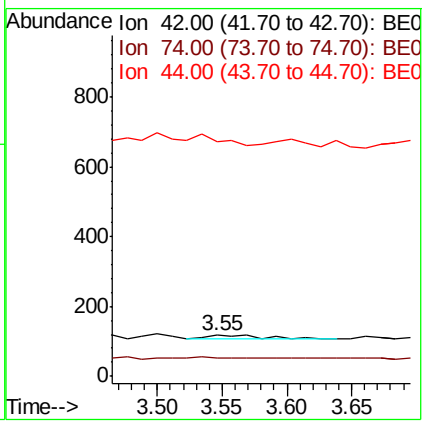


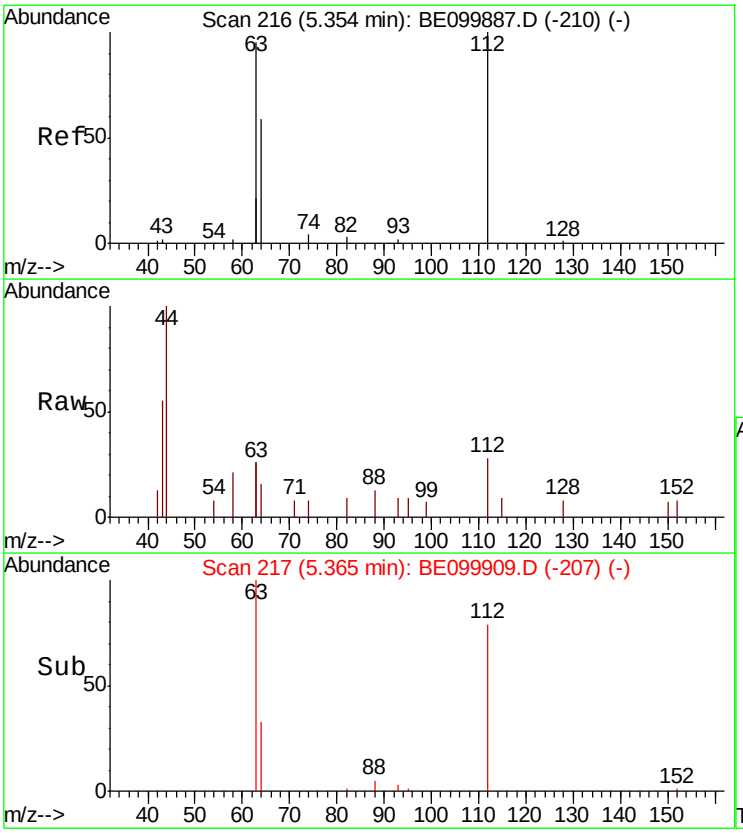
#3
n-Nitrosodimethylamine
Concen: 0.046 ng
RT: 3.55 min Scan# 59
Delta R.T. -0.06 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion: 42 Resp: 35

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

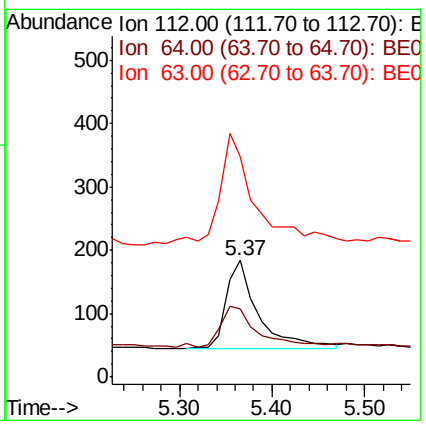


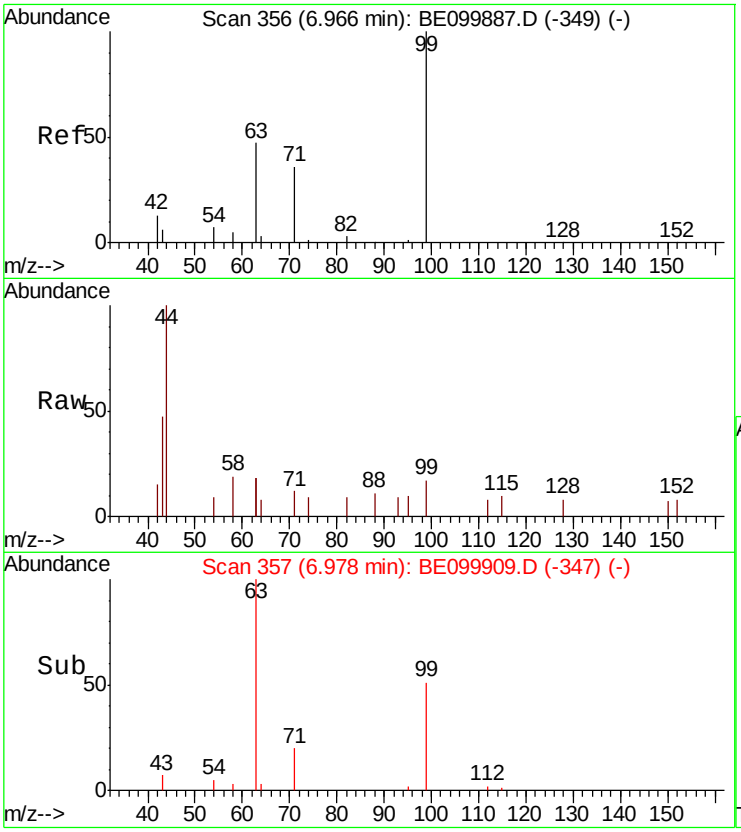


#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.37 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:112 Resp: 338

Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.1	66.1
63	136.1	87.8	131.6#



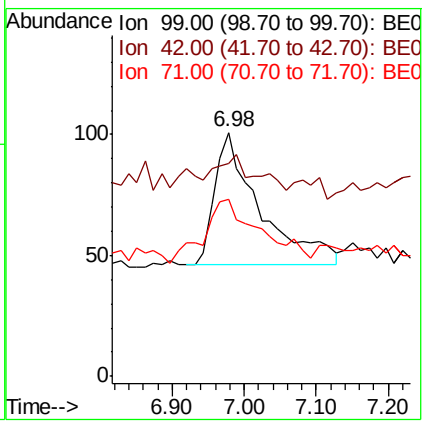


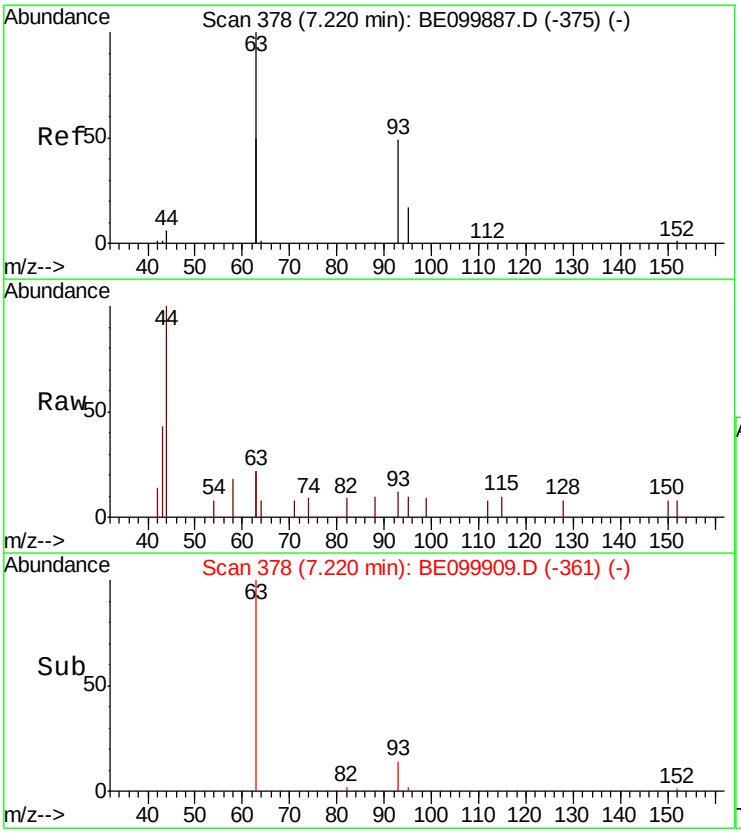
#5
Phenol-d6
Concen: 0.078 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion: 99 Resp: 240

Ion	Ratio	Lower	Upper
99	100		
42	14.6	15.9	23.9#
71	58.8	34.6	52.0#

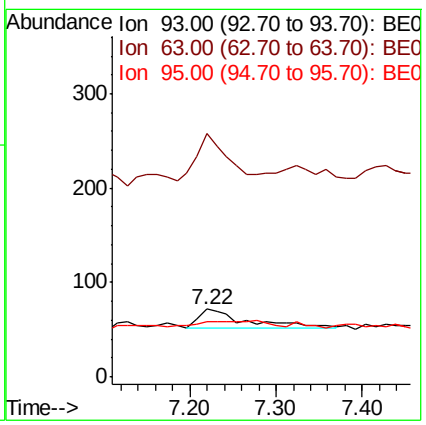


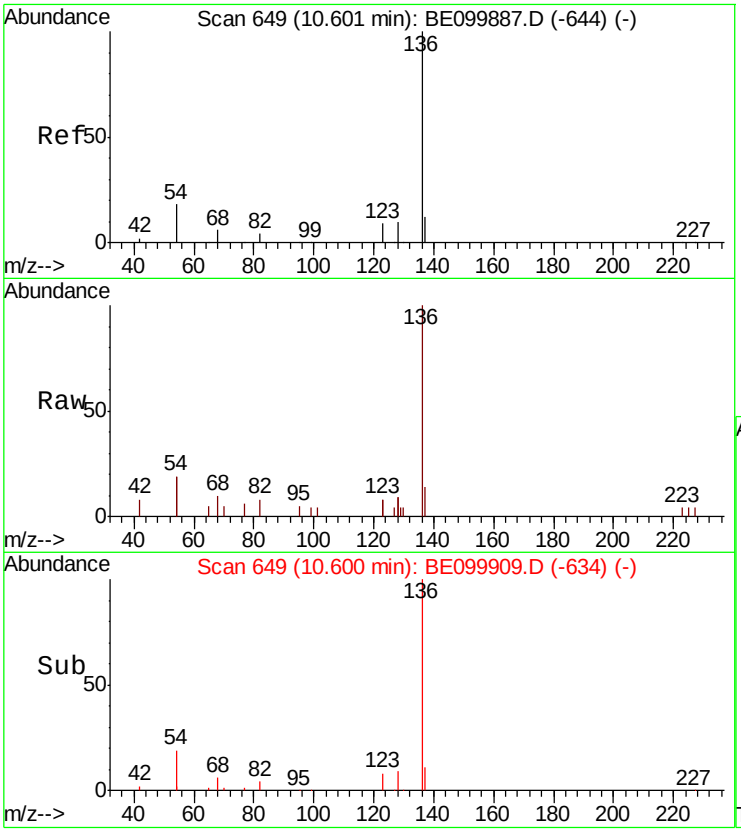


#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion: 93 Resp: 75

Ion	Ratio	Lower	Upper
93	100		
63	174.7	202.8	304.2#
95	22.7	23.7	35.5#



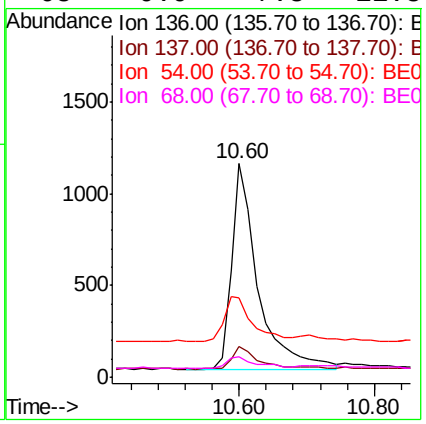


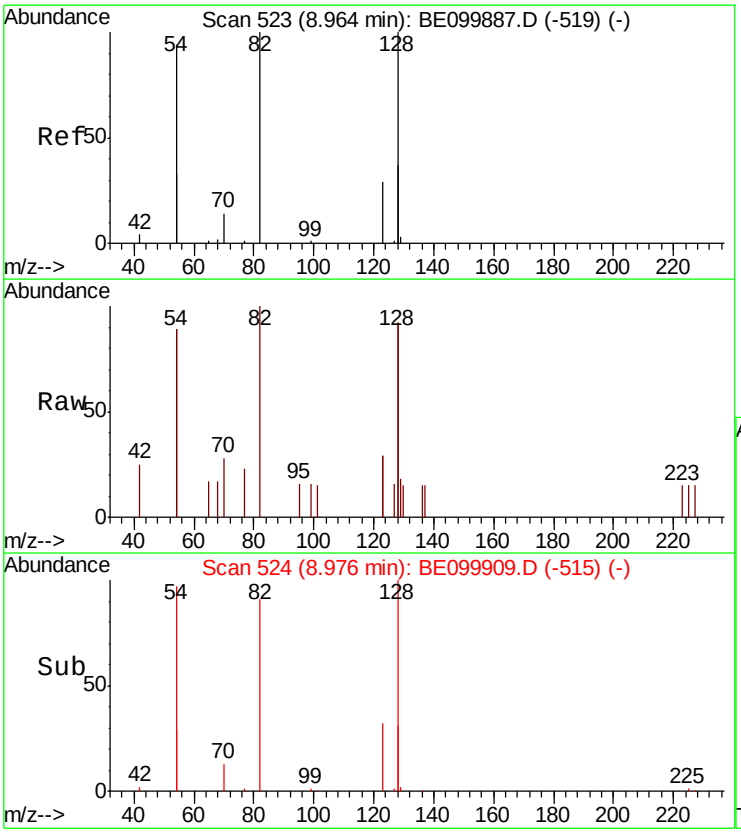
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:136 Resp: 3039

Ion	Ratio	Lower	Upper
136	100		
137	14.2	12.3	18.5
54	37.3	28.2	42.4
68	9.9	7.8	11.8

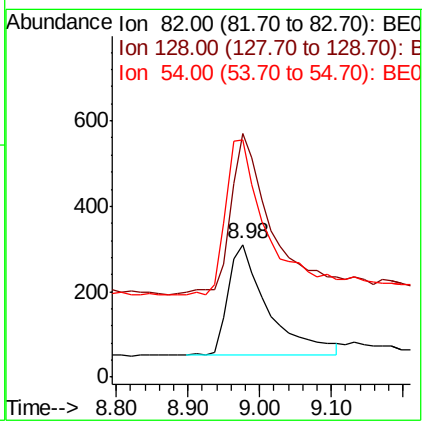


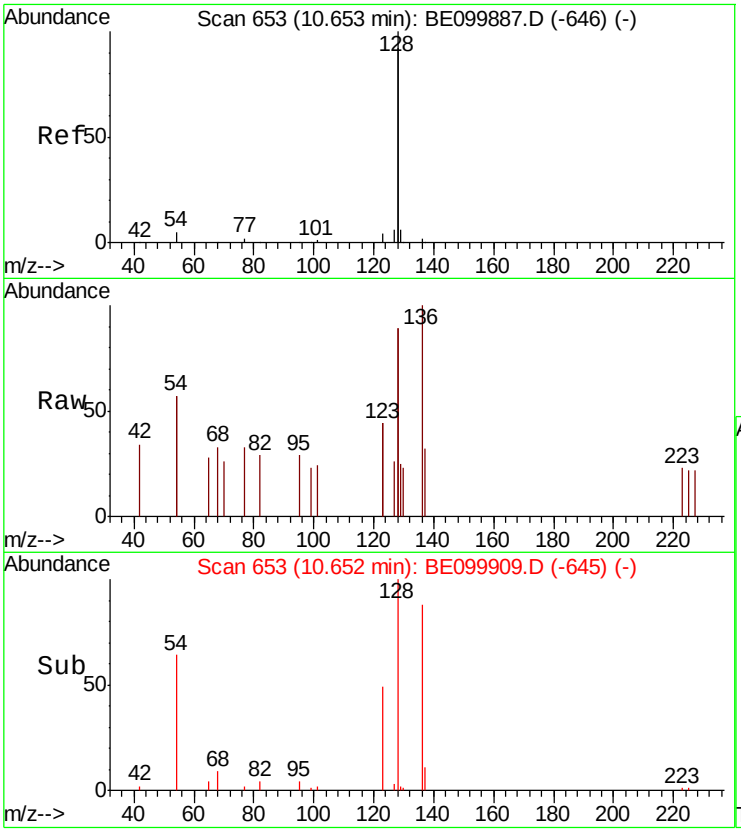


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion: 82 Resp: 1011

Ion	Ratio	Lower	Upper
82	100		
128	183.9	137.3	205.9
54	178.7	129.7	194.5



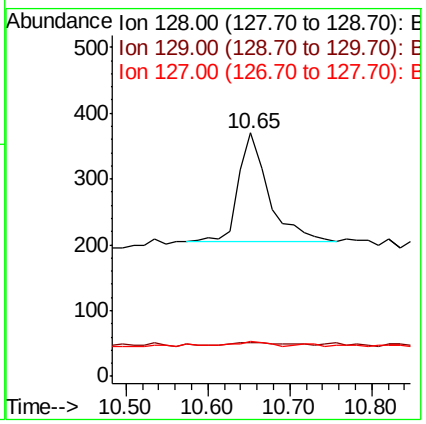


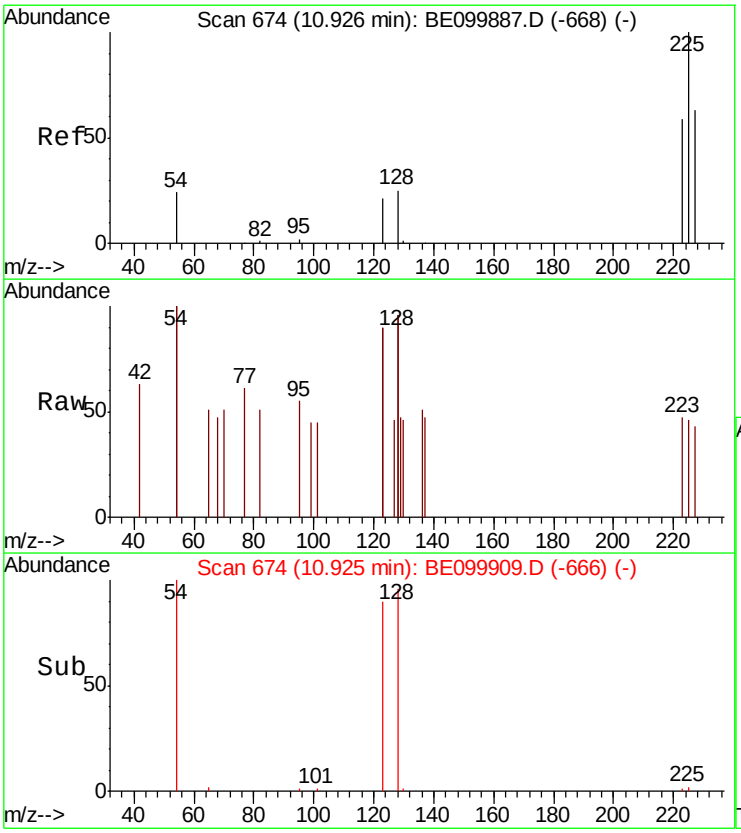
#9
Naphthalene
Concen: 0.013 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:128 Resp: 426

Ion	Ratio	Lower	Upper
128	100		
129	13.8	3.0	4.6#
127	14.3	3.4	5.0#

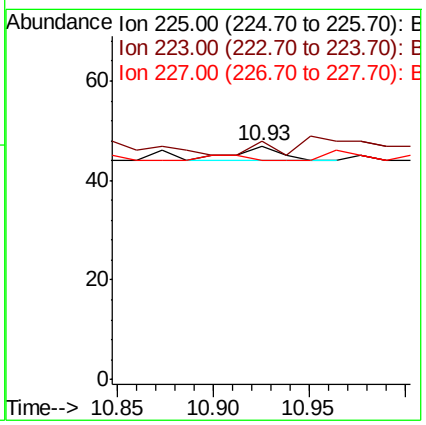


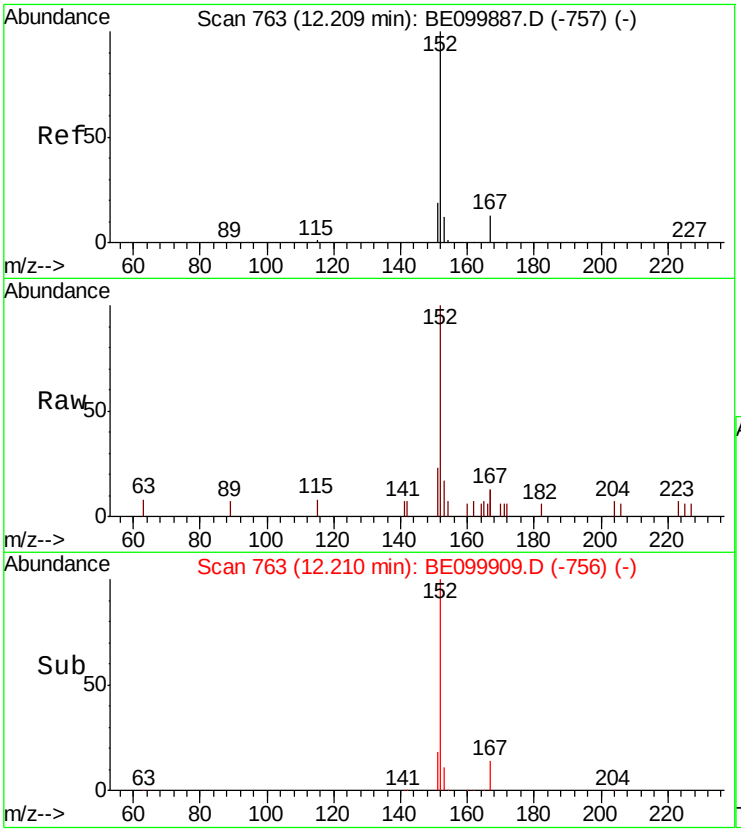


#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.93 min Scan# 674
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.6	77.4#
227	0.0	50.6	76.0#



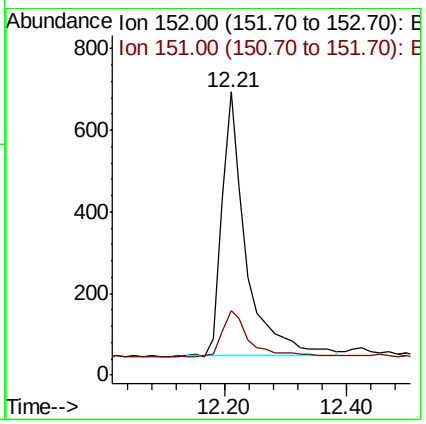


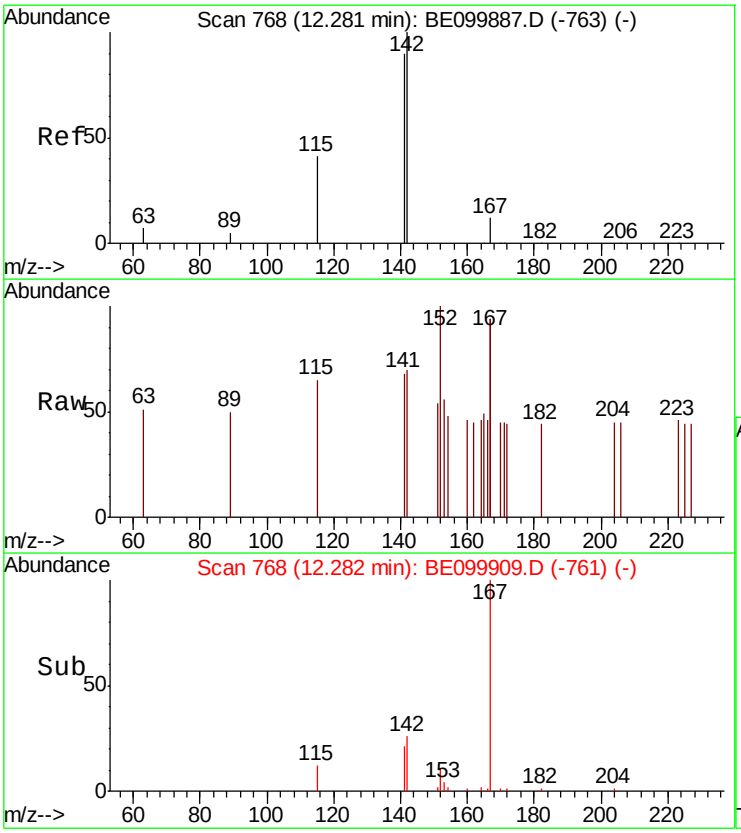
#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:152 Resp: 1801

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8

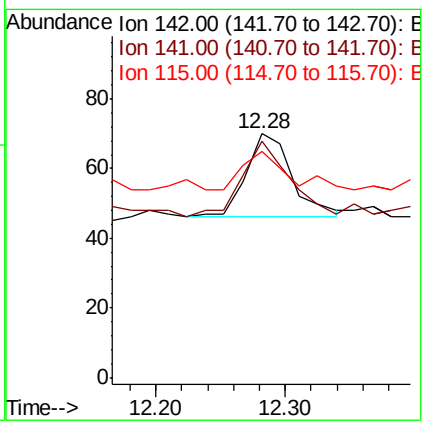


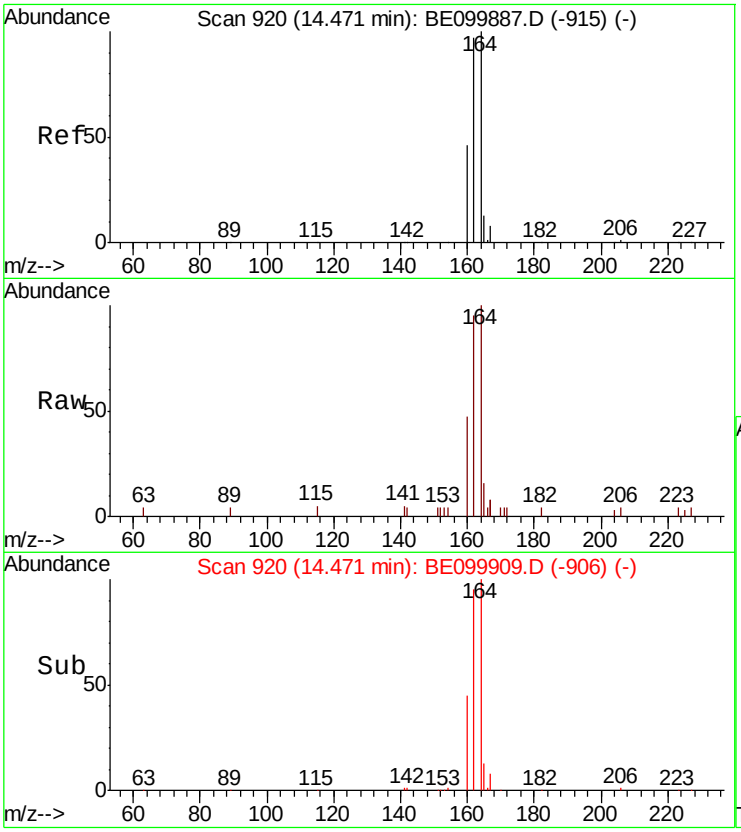


#12
2-Methylnaphthalene
Concen: 0.011 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:142 Resp: 60

Ion	Ratio	Lower	Upper
142	100		
141	97.1	72.3	108.5
115	92.9	36.4	54.6#



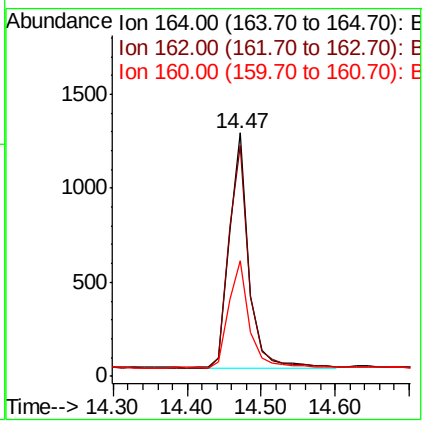


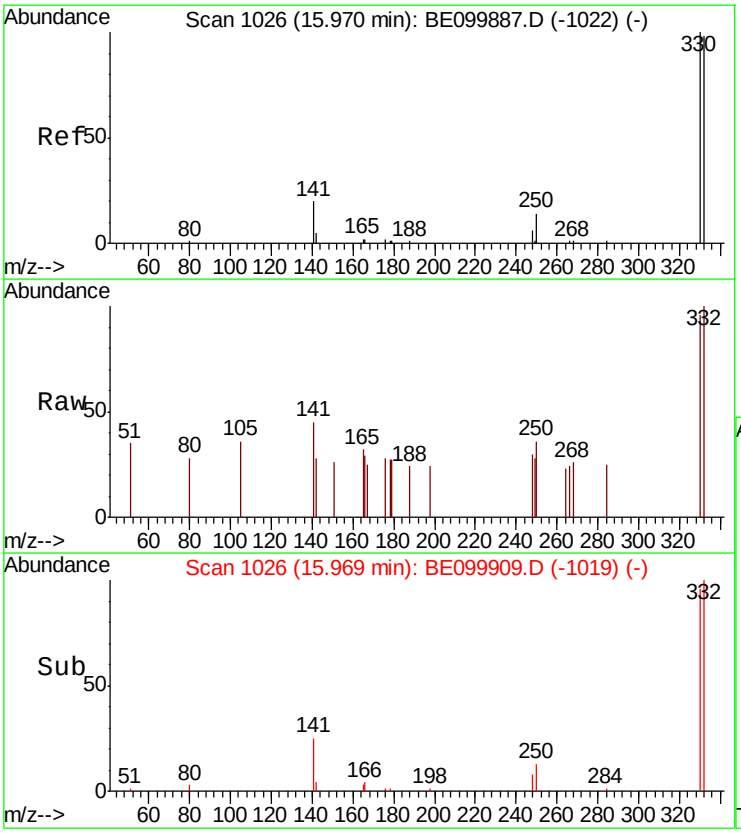
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:164 Resp: 2276

Ion	Ratio	Lower	Upper
164	100		
162	95.1	77.8	116.8
160	47.3	38.2	57.4

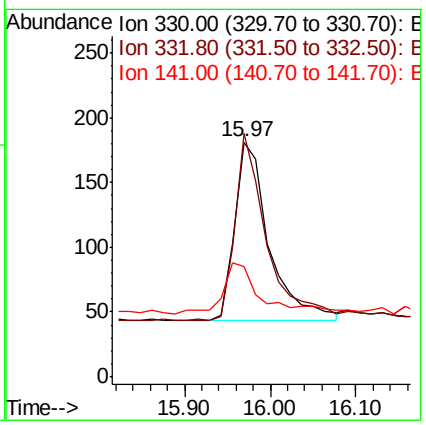


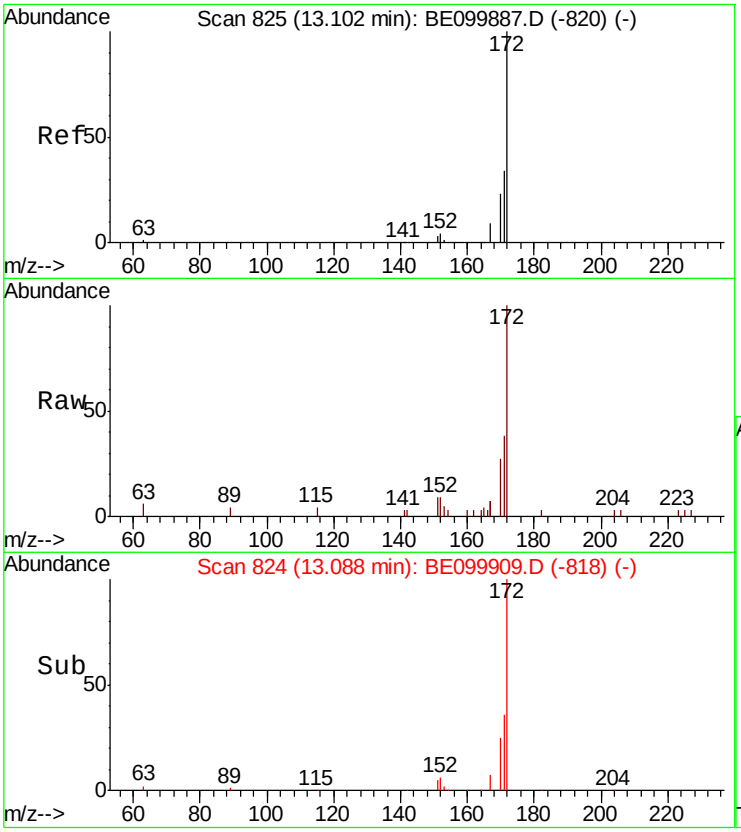


#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:330 Resp: 386

Ion	Ratio	Lower	Upper
330	100		
332	105.2	76.7	115.1
141	25.9	21.0	31.6



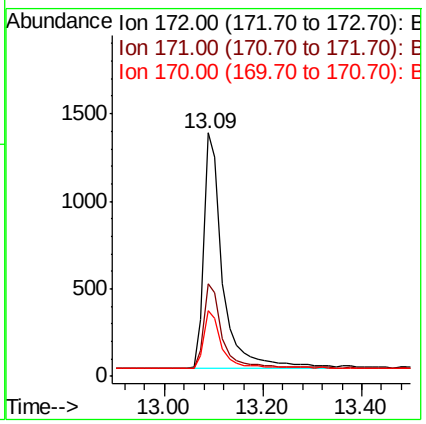


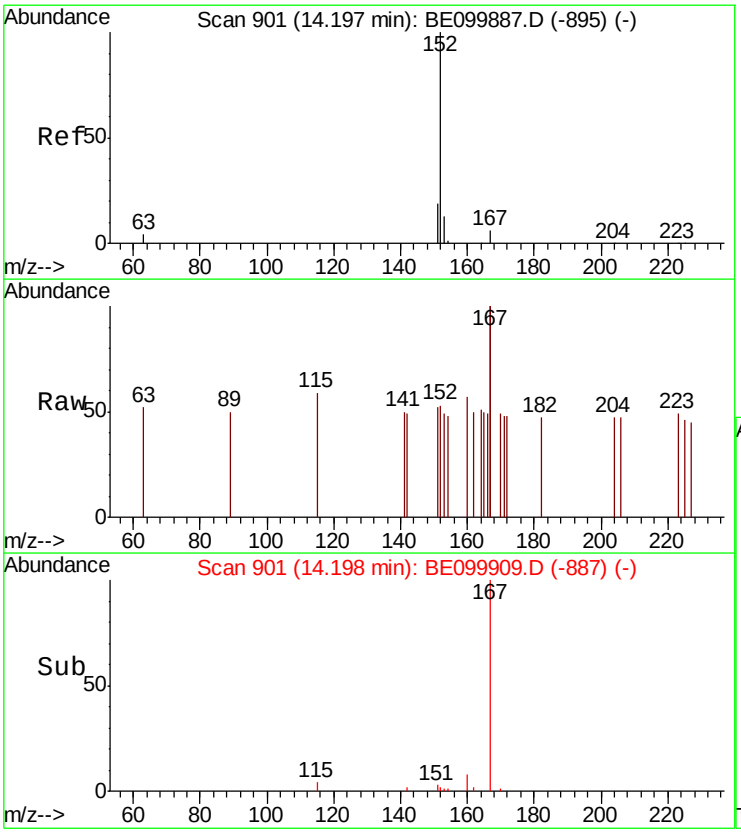
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:172 Resp: 3614

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.2	43.8
170	27.1	21.2	31.8

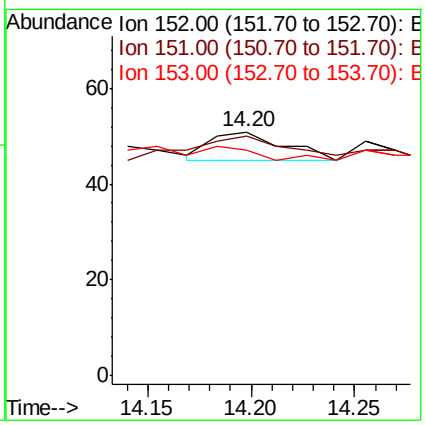


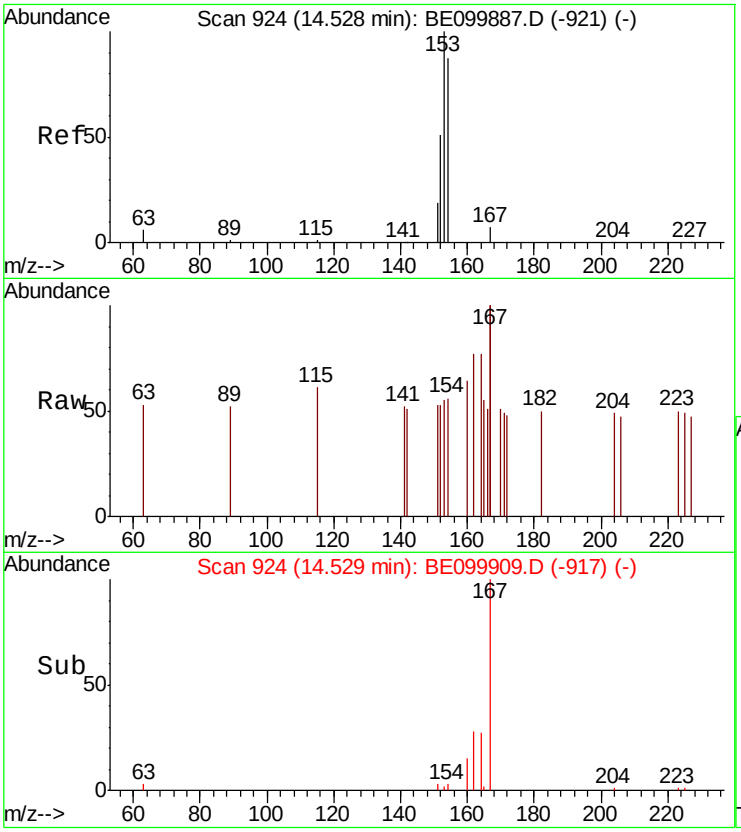


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:152 Resp: 15

Ion	Ratio	Lower	Upper
152	100		
151	106.7	15.5	23.3#
153	0.0	10.2	15.2#



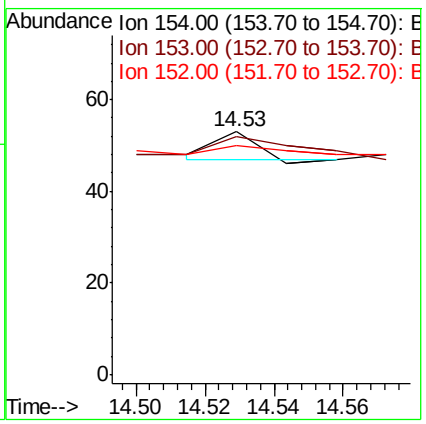


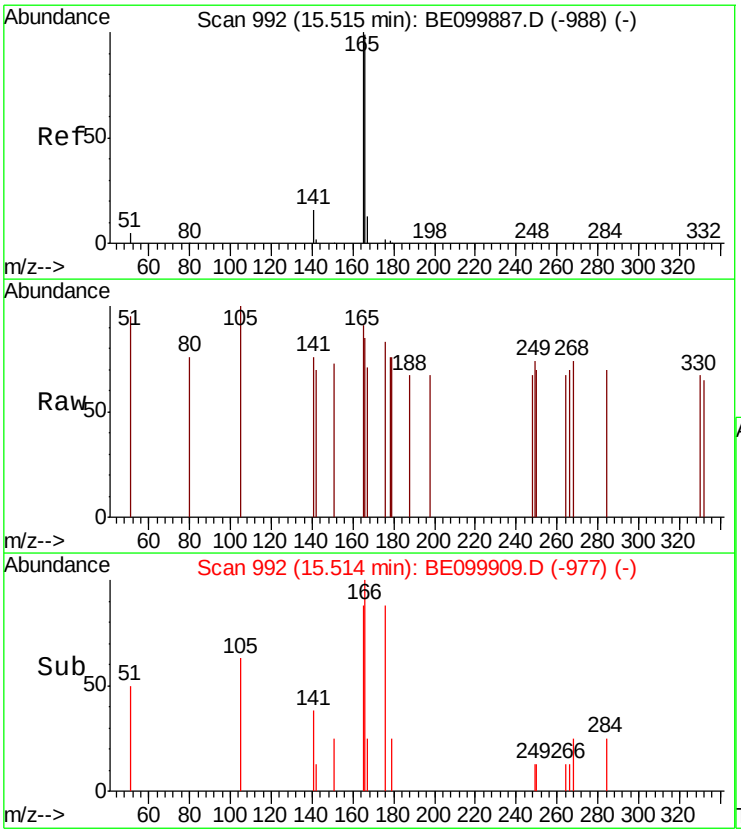
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:154 Resp: 4

Ion	Ratio	Lower	Upper
154	100		
153	300.0	93.1	139.7#
152	75.0	47.0	70.4#

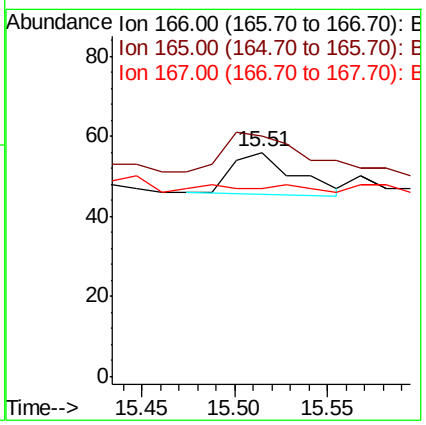


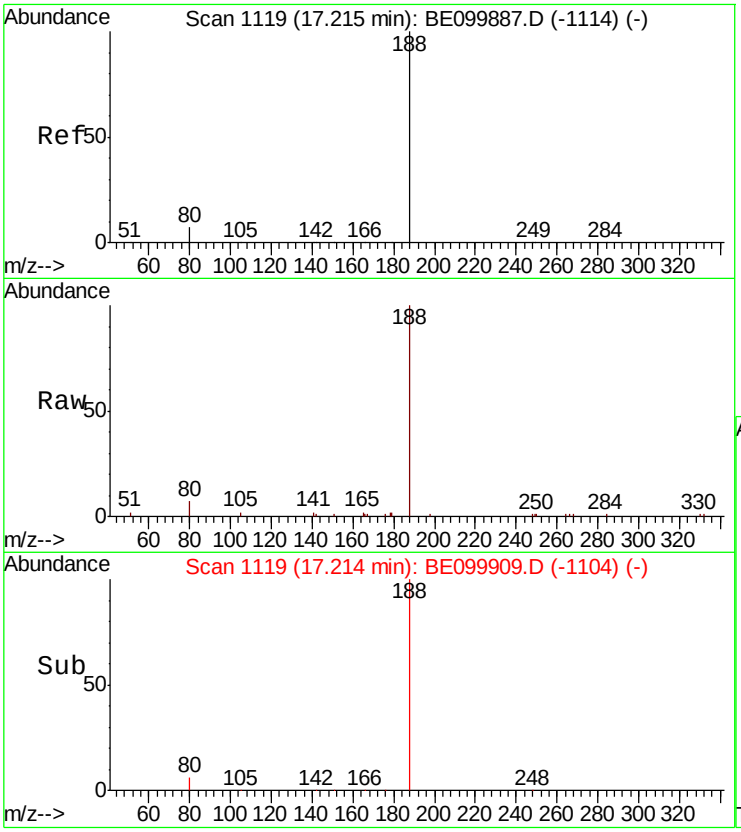


#18
Fluorene
Concen: 0.003 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:166 Resp: 24

Ion	Ratio	Lower	Upper
166	100		
165	145.8	81.8	122.8#
167	0.0	11.2	16.8#



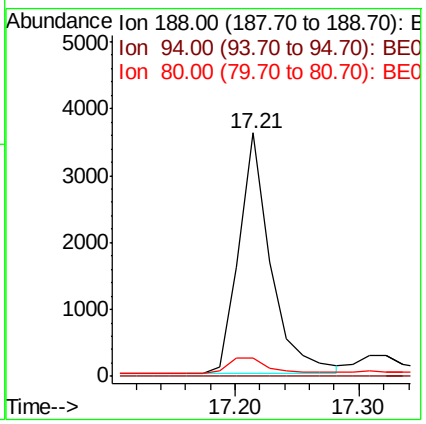


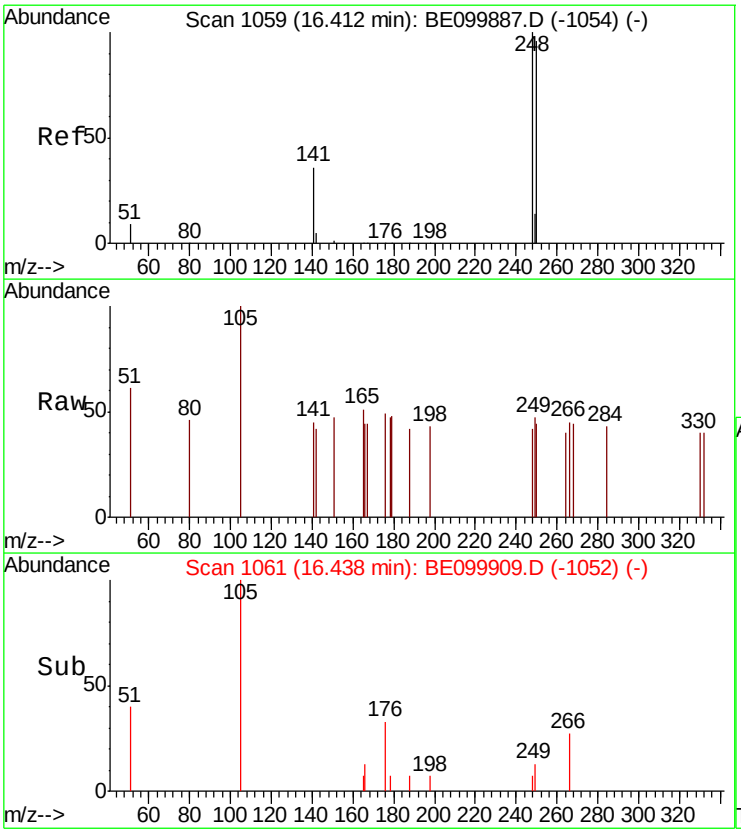
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:188 Resp: 6426

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.4	9.6

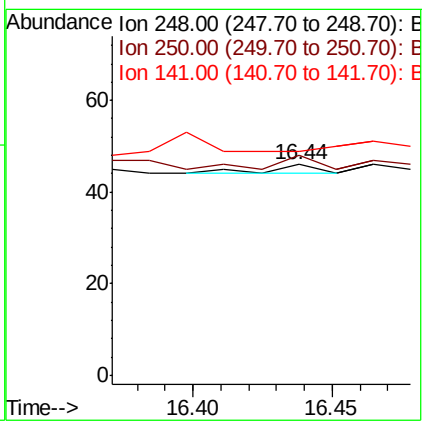


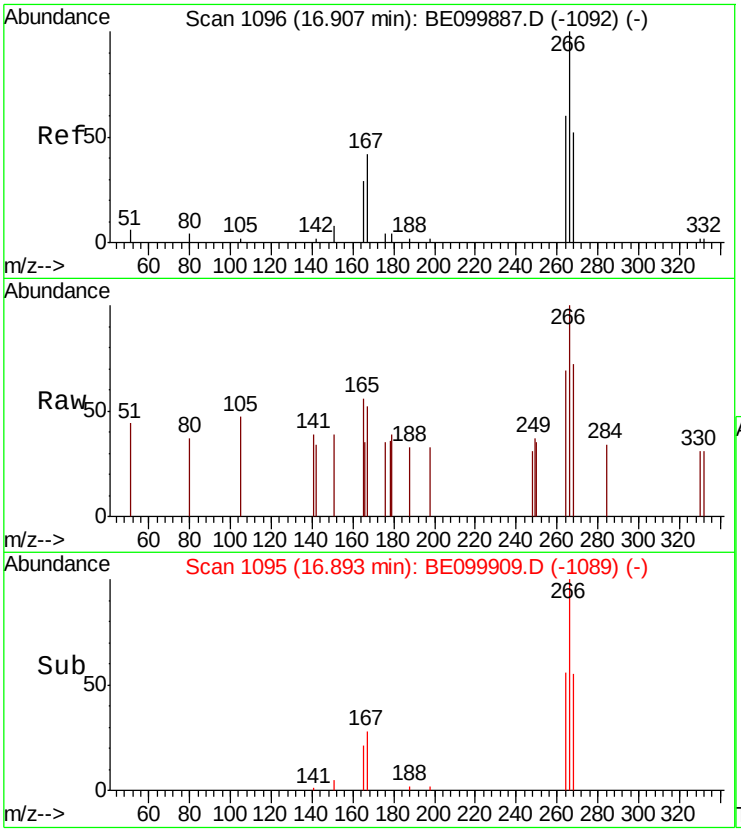


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:248 Resp: 2

Ion	Ratio	Lower	Upper
248	100		
250	104.3	77.5	116.3
141	106.5	31.8	47.8#



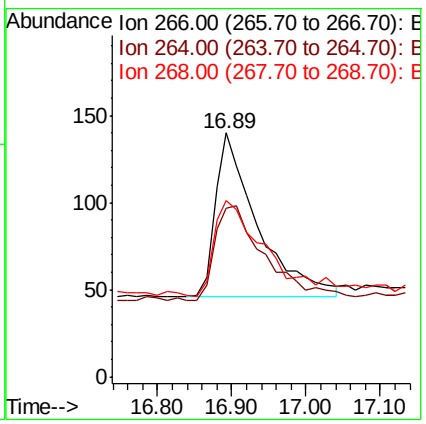


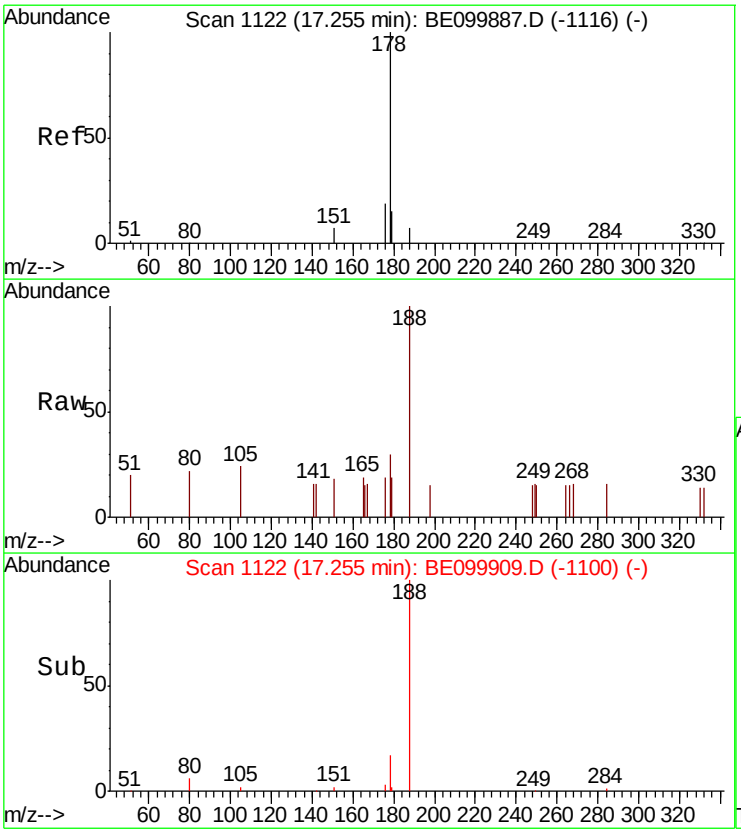
#22
Pentachlorophenol
Concen: 0.506 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	69.3	62.2	93.2
268	72.1	65.5	98.3

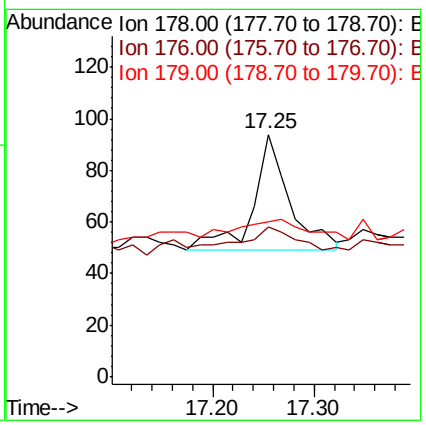


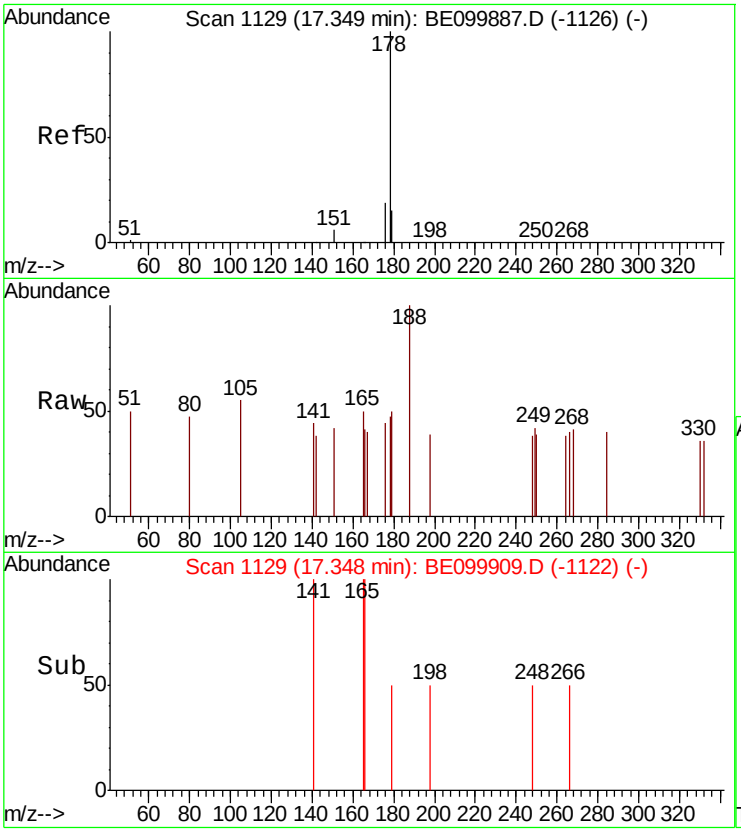


#23
Phenanthrene
Concen: 0.007 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:178 Resp: 113

Ion	Ratio	Lower	Upper
178	100		
176	23.9	15.8	23.8#
179	24.8	12.4	18.6#



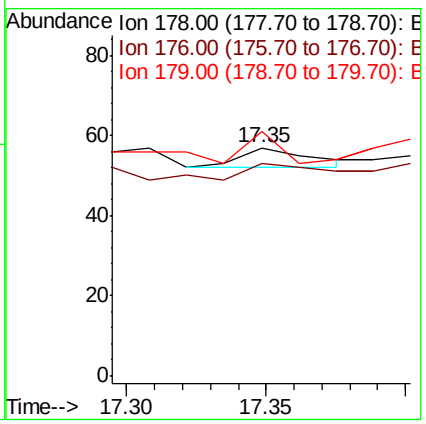


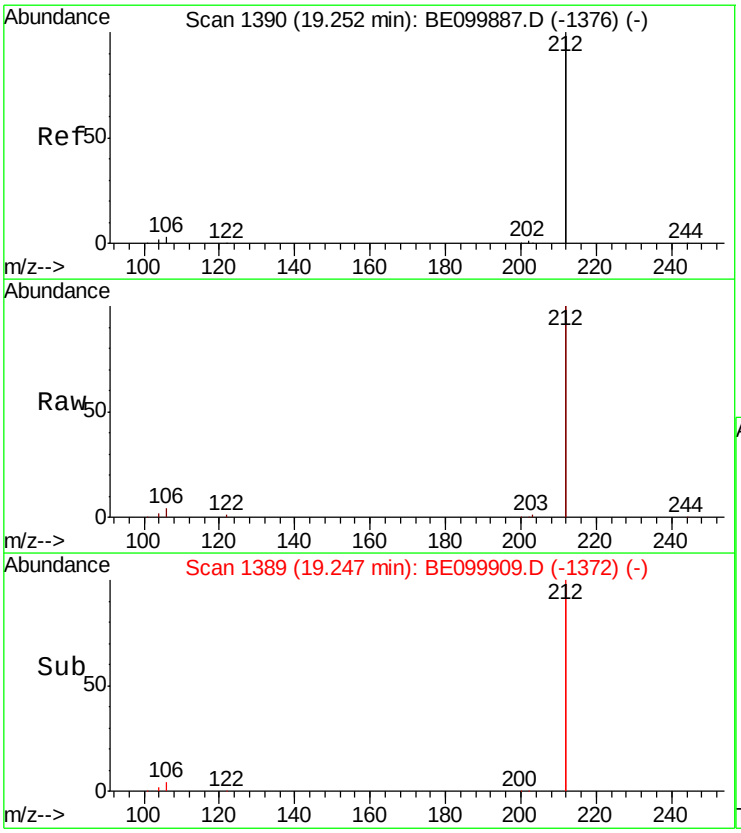
#24
Anthracene
Concen: 0.001 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:178 Resp: 9

Ion	Ratio	Lower	Upper
178	100		
176	77.8	14.6	22.0#
179	77.8	12.3	18.5#

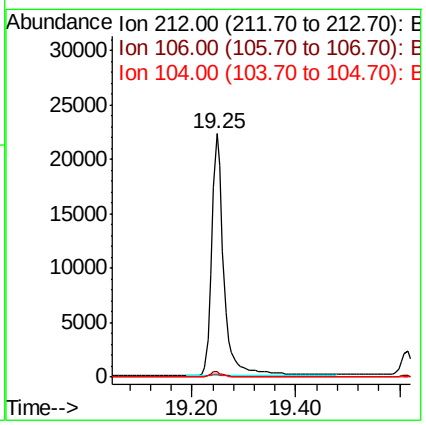


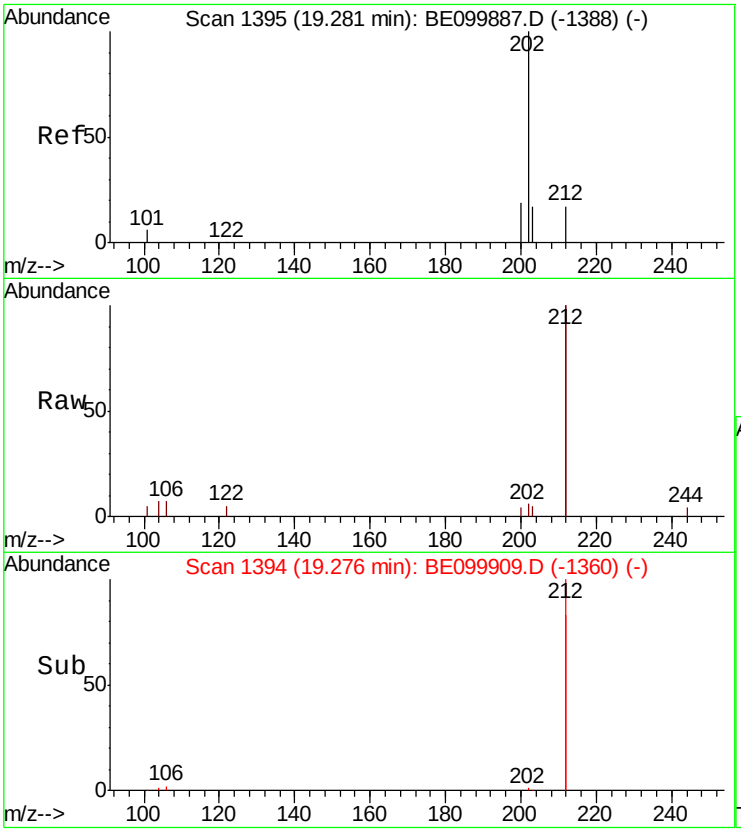


#25
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:212 Resp: 35863

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.0	0.9	1.3



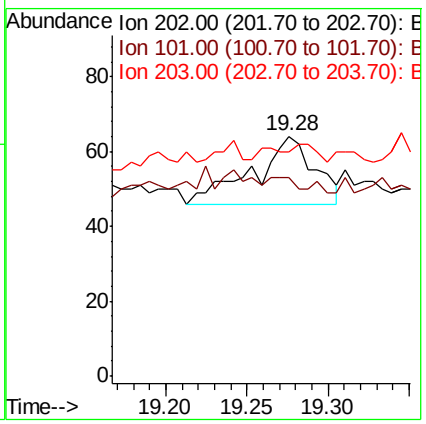


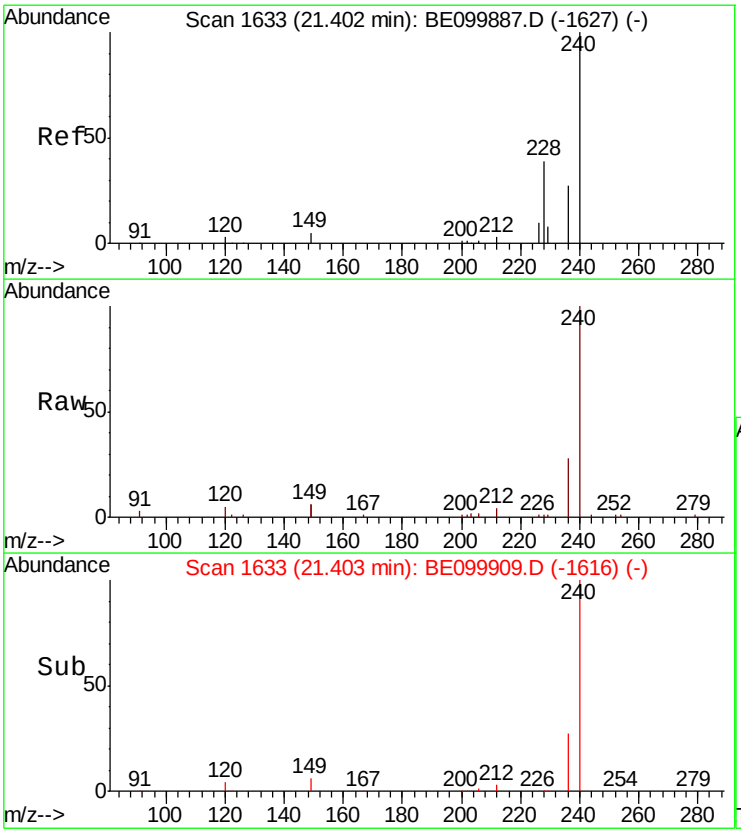
#26
Fluoranthene
Concen: 0.002 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:202 Resp: 47

Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.4	8.0#
203	12.8	13.2	19.8#

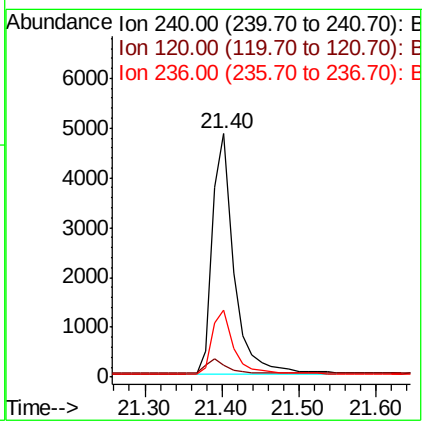


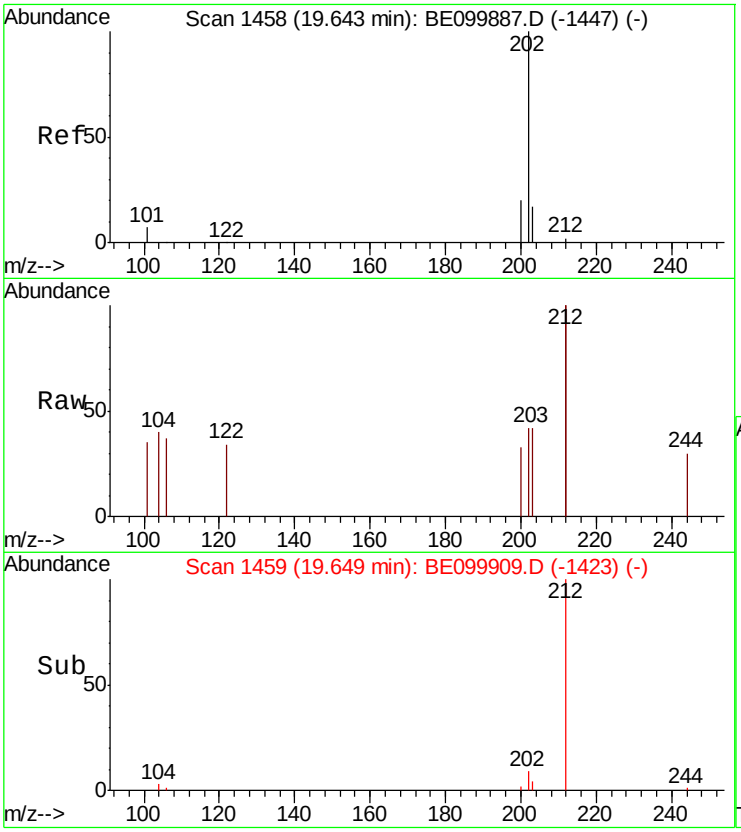


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:240 Resp: 9574

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.8	5.6
236	27.8	22.0	33.0



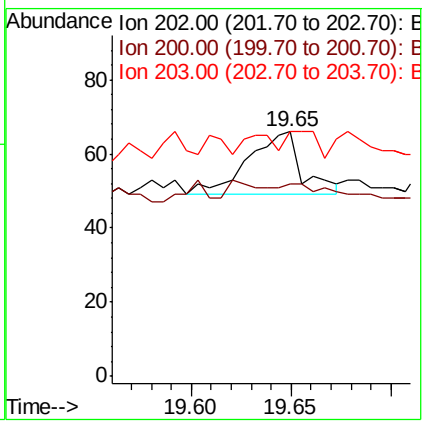


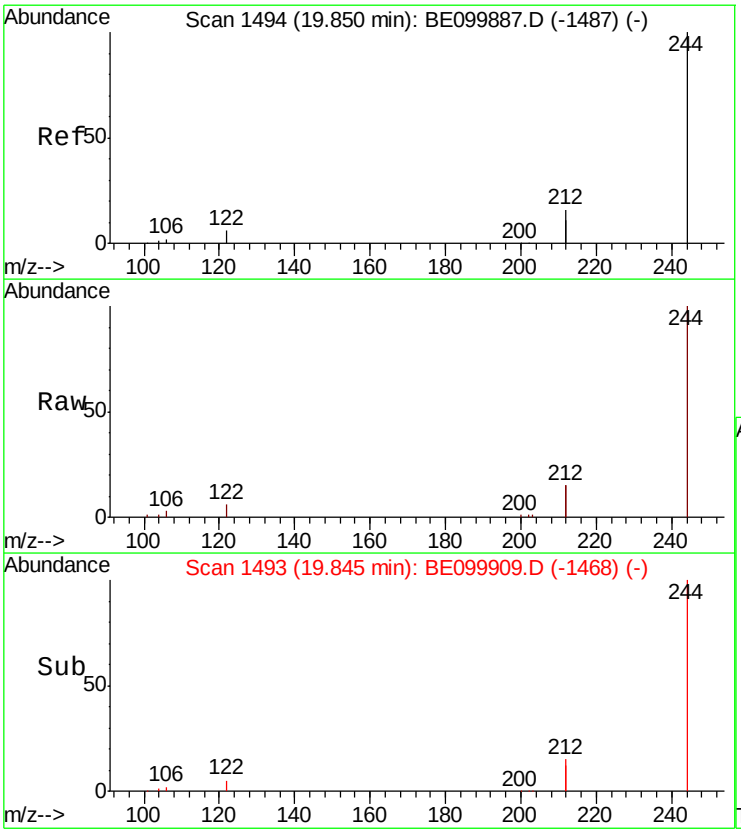
#28
Pyrene
Concen: 0.001 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:202 Resp: 32

Ion	Ratio	Lower	Upper
202	100		
200	0.0	15.5	23.3#
203	21.9	14.0	21.0#

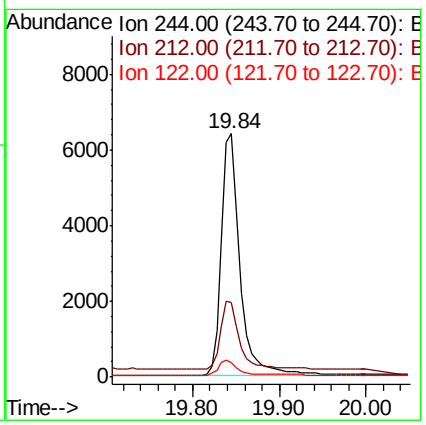


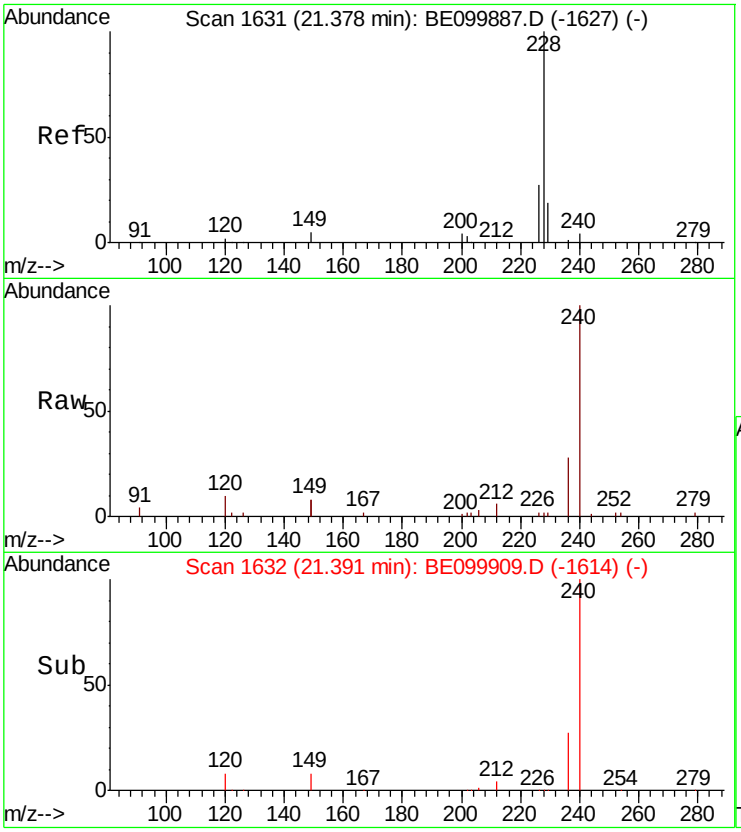


#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:244 Resp: 9539

Ion	Ratio	Lower	Upper
244	100		
212	30.7	25.7	38.5
122	6.0	5.5	8.3



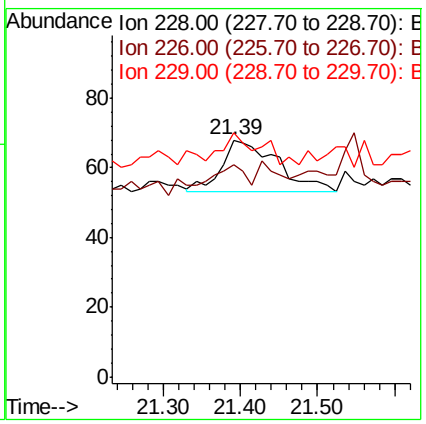


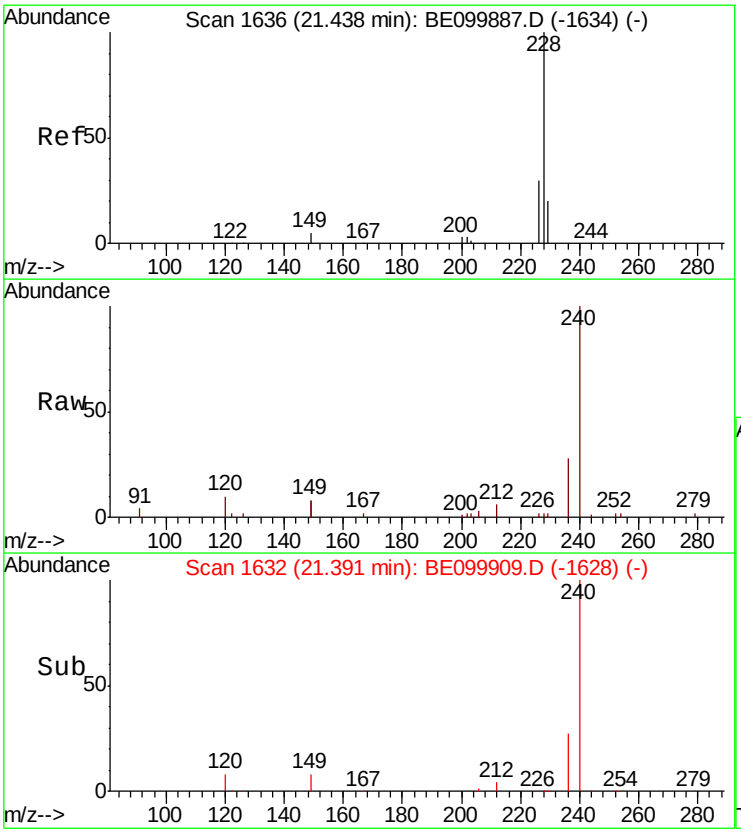
#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:228 Resp: 76

Ion	Ratio	Lower	Upper
228	100		
226	89.7	22.5	33.7#
229	102.9	15.9	23.9#

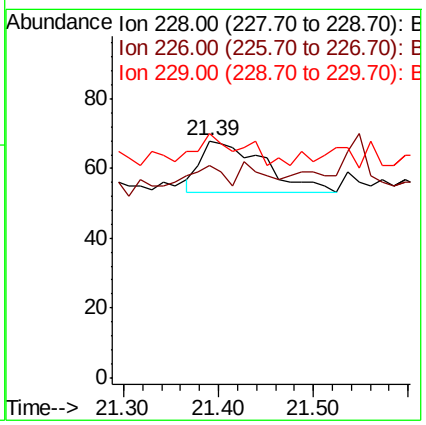


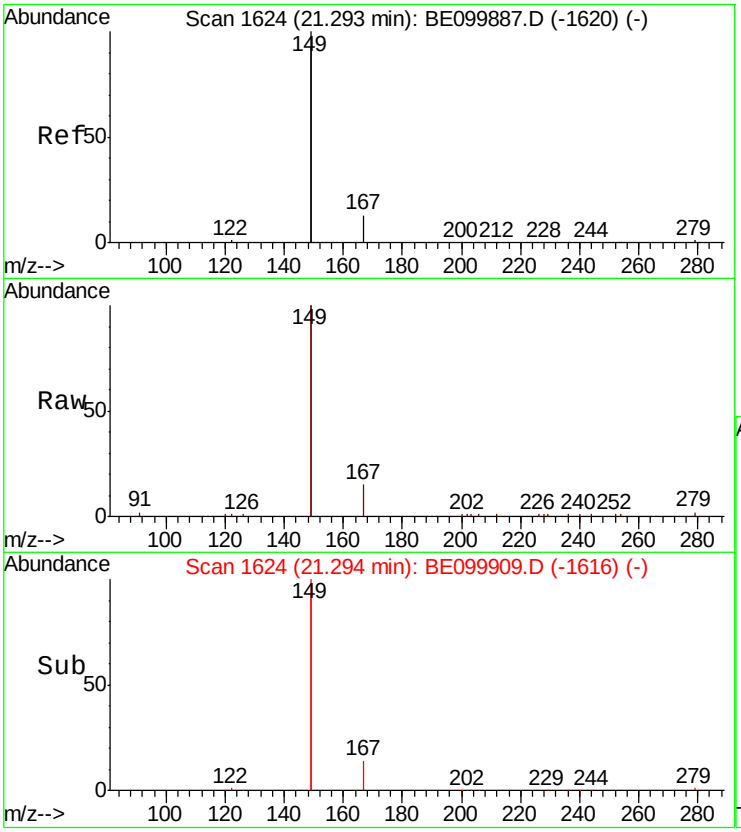


#31
Chrysene
Concen: 0.002 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.05 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:228 Resp: 70

Ion	Ratio	Lower	Upper
228	100		
226	89.7	24.1	36.1#
229	102.9	16.1	24.1#



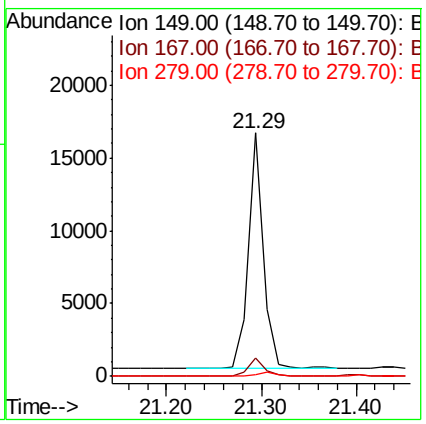


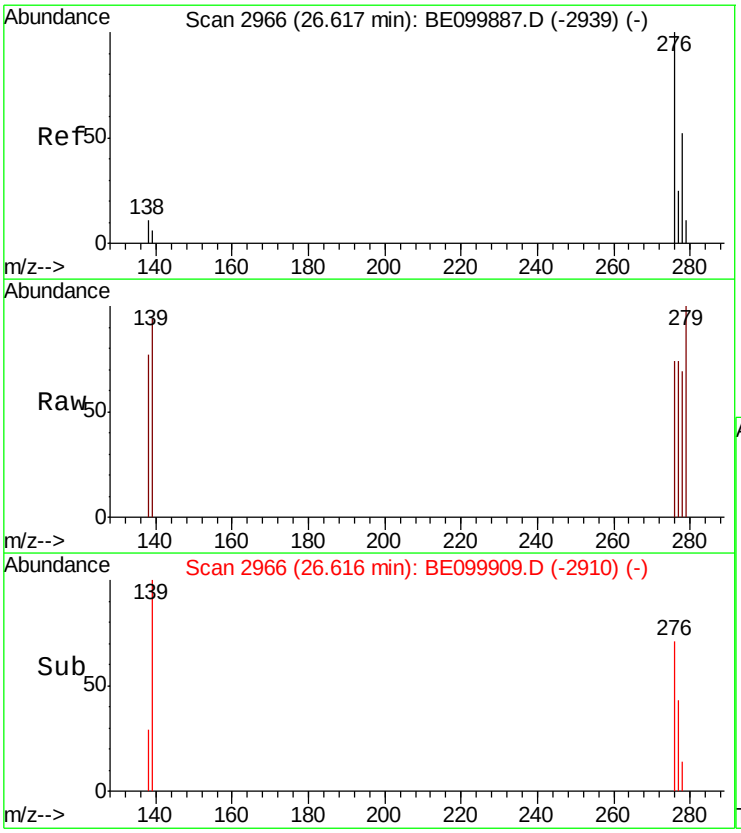
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.431 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:149 Resp: 17700

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.5	1.2	1.8

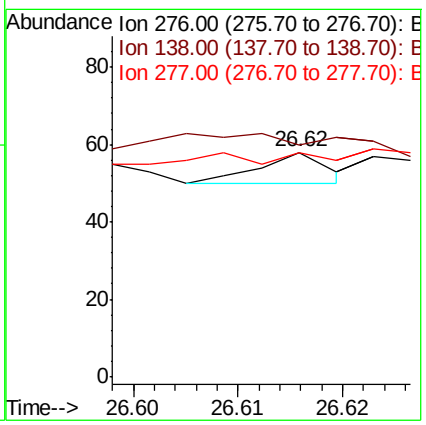


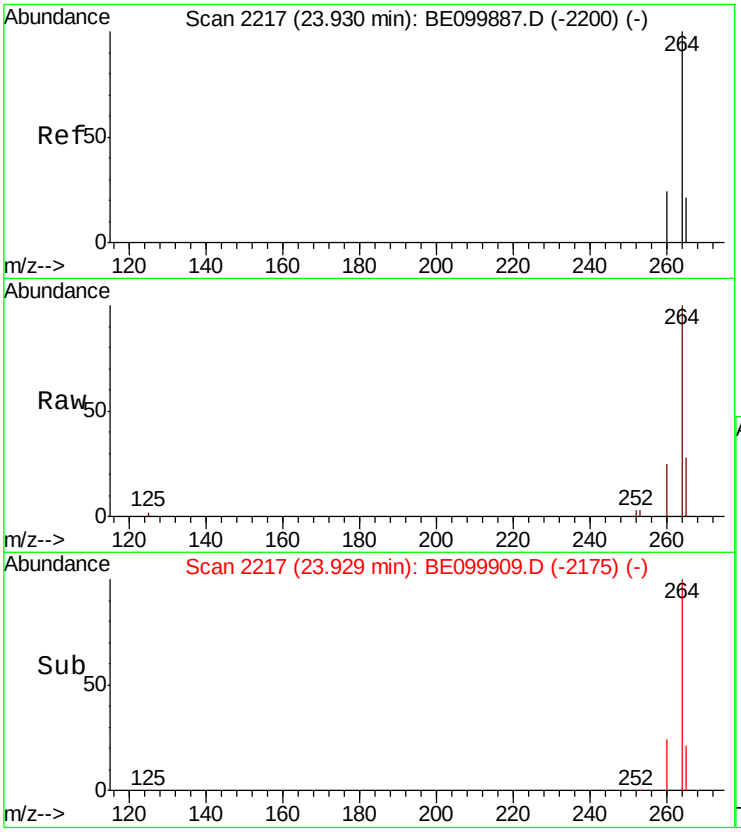


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.62 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.1	15.1#
277	150.0	19.1	28.7#



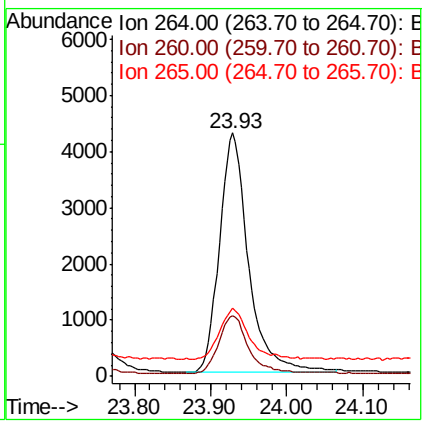


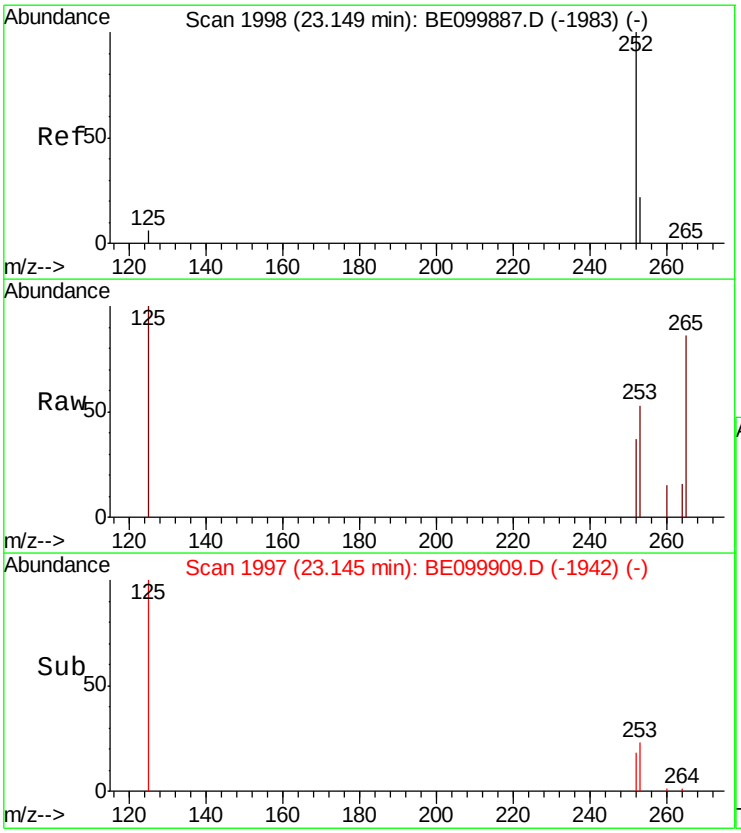
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:264 Resp: 11260

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	28.1	22.0	33.0

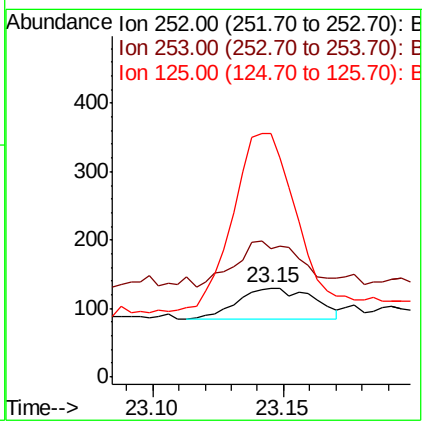


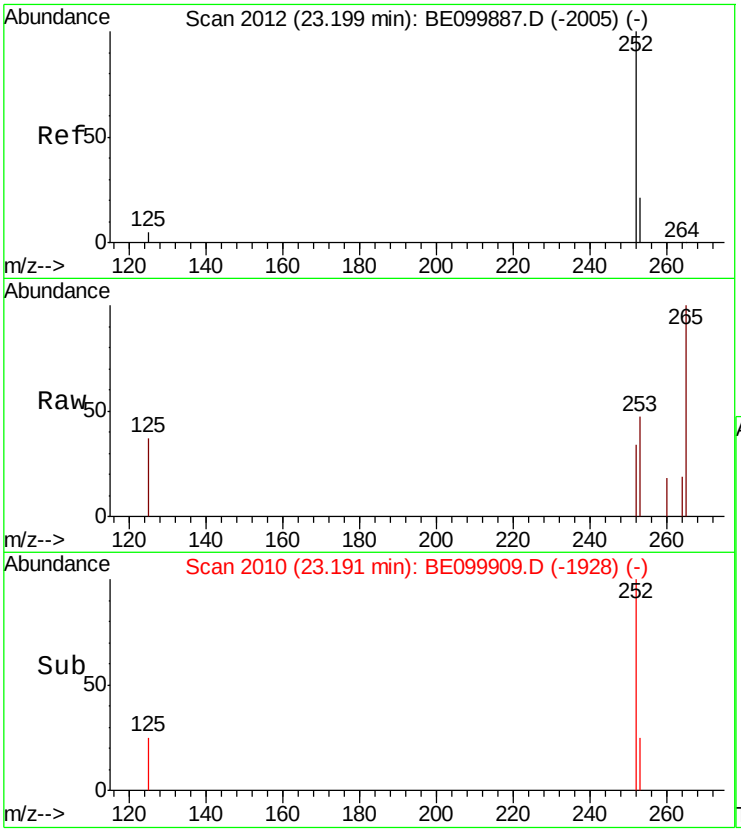


#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:252 Resp: 90

Ion	Ratio	Lower	Upper
252	100		
253	144.6	18.7	28.1#
125	273.8	5.7	8.5#



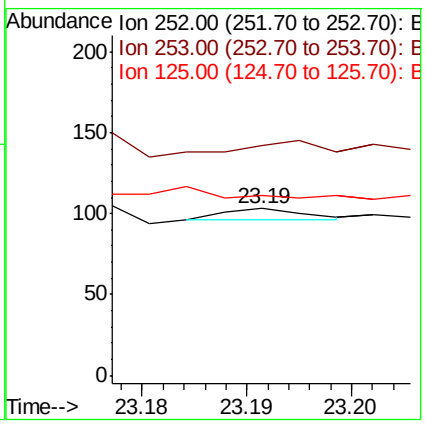


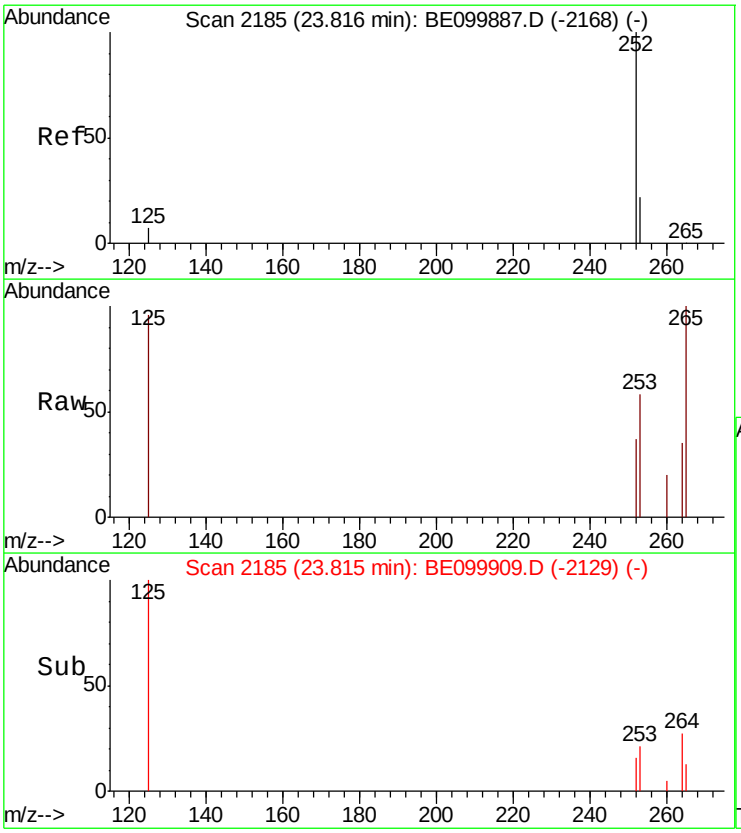
#36
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 23.19 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:252 Resp: 4

Ion	Ratio	Lower	Upper
252	100		
253	137.9	18.6	28.0#
125	107.8	5.4	8.0#

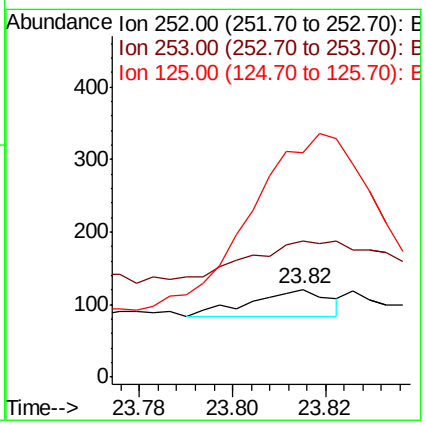


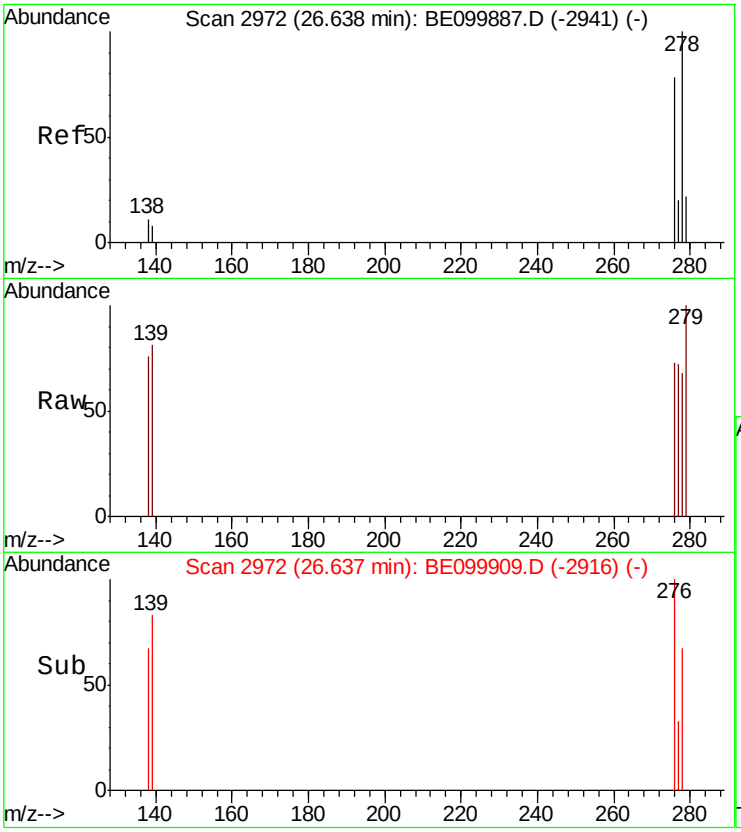


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.82 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:252 Resp: 43

Ion	Ratio	Lower	Upper
252	100		
253	155.4	19.6	29.4#
125	256.2	6.6	10.0#



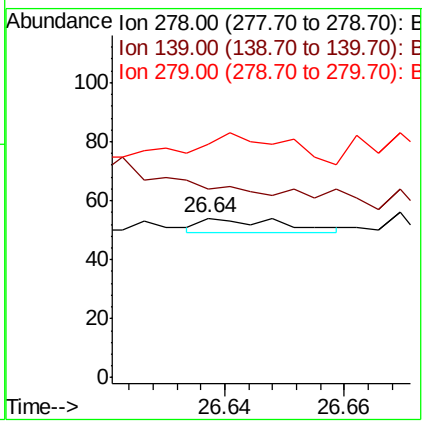


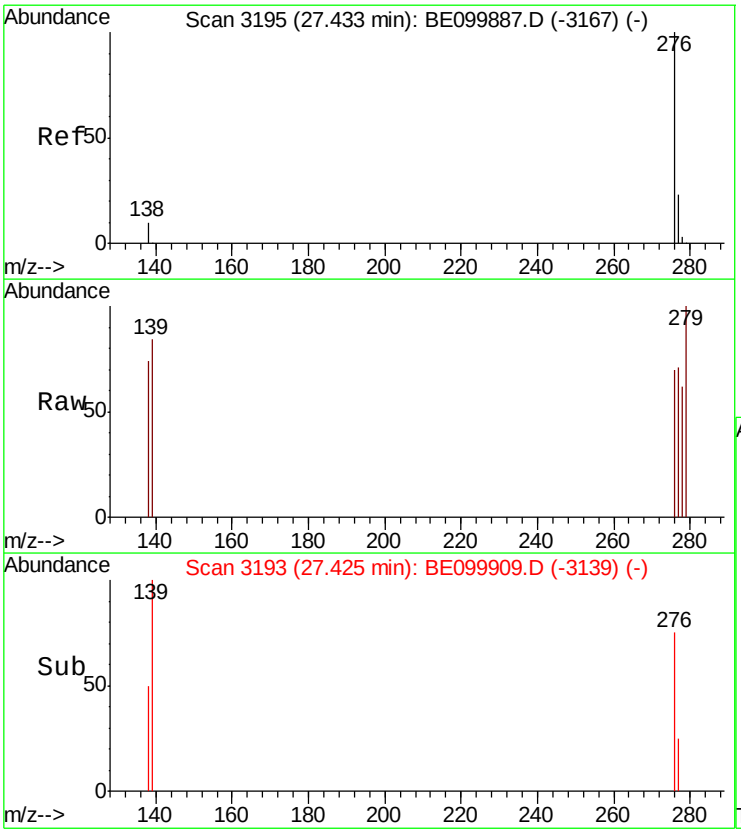
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE120D1-20190606

Tgt Ion:278 Resp: 5

Ion	Ratio	Lower	Upper
278	100		
139	118.5	7.8	11.8#
279	146.3	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.43 min Scan# 3193
Delta R.T. -0.01 min
Lab File: BE099909.D
Acq: 11 Jun 2019 2:33

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
277	101.9	19.5	29.3#
138	105.6	9.5	14.3#