Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101013.D
Acq On : 9 Jan 2020 16:17
Operator : JU
Sample : K5111-02
Misc : LOO-S-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 09 17:56:32 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 09 16:04:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3282	0.40	ng		-0.01
7) Naphthalene-d8	10.51	136	13920	0.40	ng		0.01
13) Acenaphthene-d10	14.37	164	8872	0.40	ng		0.01
19) Phenanthrene-d10	17.11	188	19444	0.40	ng		0.01
27) Chrysene-d12	21.28	240	13897	0.40	ng		0.00
34) Perylene-d12	23.70	264	15805	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2544	0.34	ng		-0.01
5) Phenol-d6	6.92	99	2823	0.30	ng		0.00
8) Nitrobenzene-d5	8.89	82	2966	0.30	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	8790	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	631	0.25	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12787	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	77059	0.29	ng		0.00
29) Terphenyl-d14	19.74	244	15188	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1133	0.135	ng	#	72
3) n-Nitrosodimethylamine	3.61	42	339	0.074	ng	#	83
6) bis(2-Chloroethyl)ether	7.16	93	814	0.073	ng		96
9) Naphthalene	10.55	128	14133	0.091	ng	#	97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng		98
12) 2-Methylnaphthalene	12.18	142	2049	0.088	ng		97
16) Acenaphthylene	14.08	152	2647	0.073	ng		99
17) Acenaphthene	14.43	154	2066	0.080	ng		99
18) Fluorene	15.41	166	2555	0.078	ng		96
20) 4-Bromophenyl-phenylether	16.30	248	700	0.074	ng	#	87
21) Hexachlorobenzene	16.41	284	908	0.087	ng		97
22) Pentachlorophenol	16.76	266	386	0.150	ng		90
23) Phenanthrene	17.15	178	4085	0.077	ng		98
24) Anthracene	17.15	178	4085	0.082	ng		97
26) Fluoranthene	19.16	202	5064	0.076	ng		98
28) Pyrene	19.52	202	4996	0.097	ng		99
30) Benzo(a)anthracene	21.26	228	2836	0.072	ng		93
31) Chrysene	21.32	228	5423	0.092	ng		96
32) Bis(2-ethylhexyl)phthalate	21.20	149	4776	0.072	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	3278	0.070	ng	#	83
35) Benzo(b)fluoranthene	22.96	252	2690	0.061	ng	#	86
36) Benzo(k)fluoranthene	23.01	252	4436	0.069	ng	#	81
37) Benzo(a)pyrene	23.59	252	2908	0.068	ng	#	76
38) Dibenzo(a,h)anthracene	26.27	278	2157	0.055	ng	#	79
39) Benzo(g,h,i)perylene	27.02	276	3722	0.077	ng	#	92

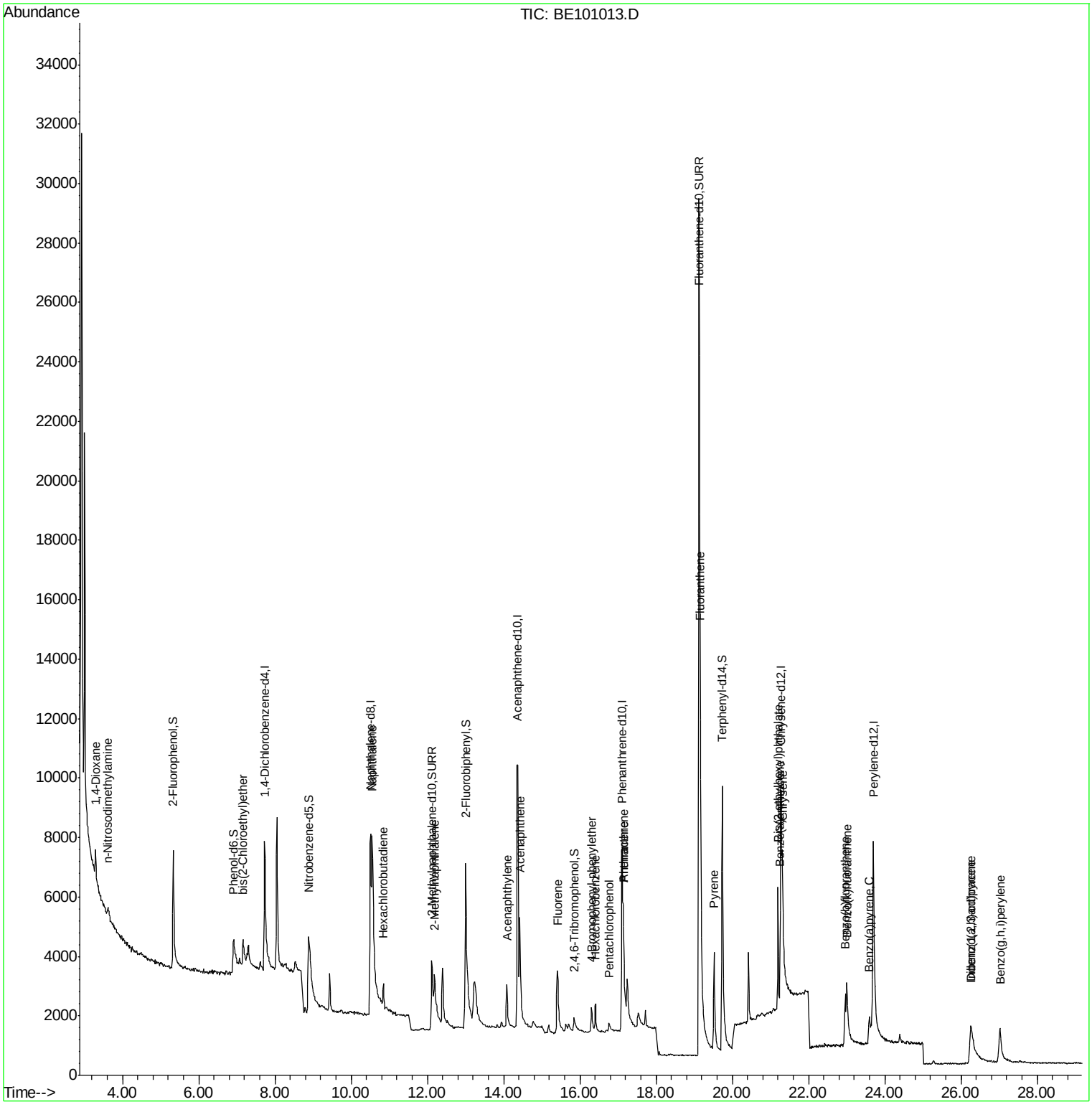
(#) = qualifier out of range (m) = manual integration (+) = signals summed

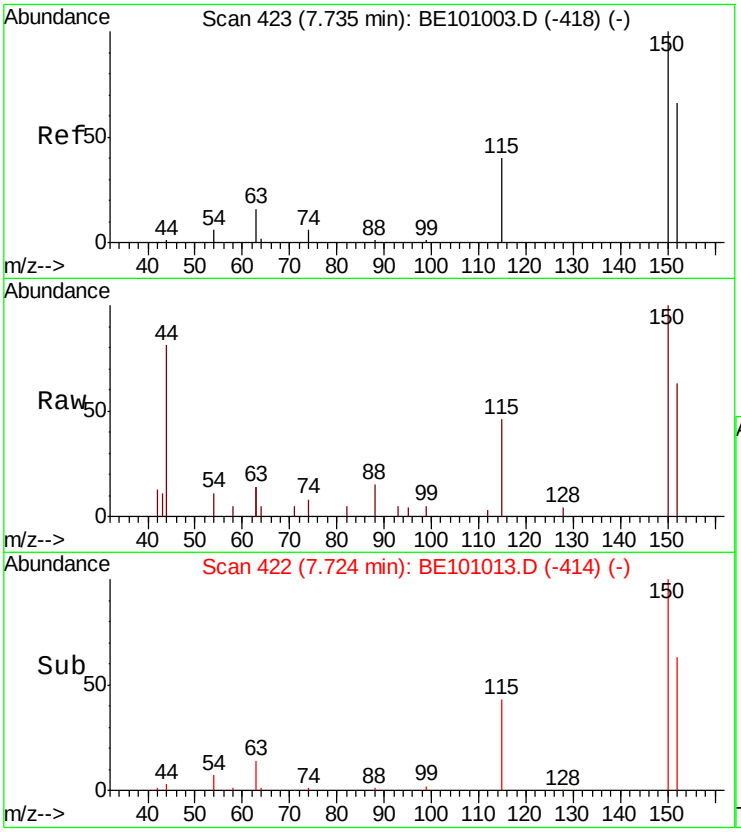
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101013.D
Acq On : 9 Jan 2020 16:17
Operator : JU
Sample : K5111-02
Misc : LOO-S-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 09 17:56:32 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 09 16:04:28 2020
Response via : Initial Calibration



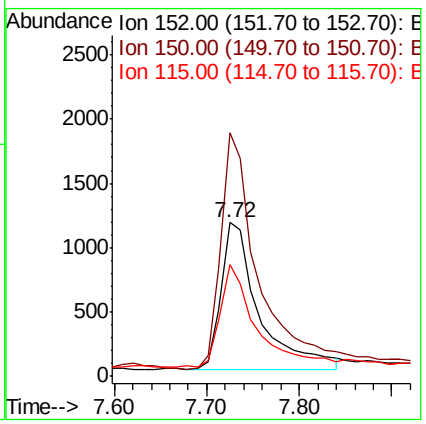


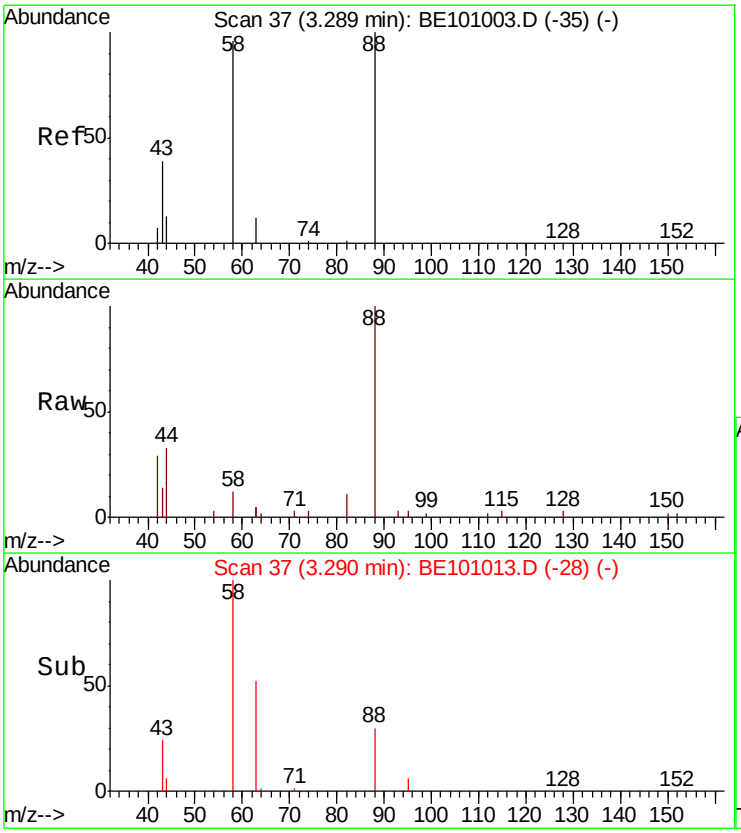
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3282

Ion	Ratio	Lower	Upper
152	100		
150	158.5	120.3	180.5
115	72.4	51.7	77.5

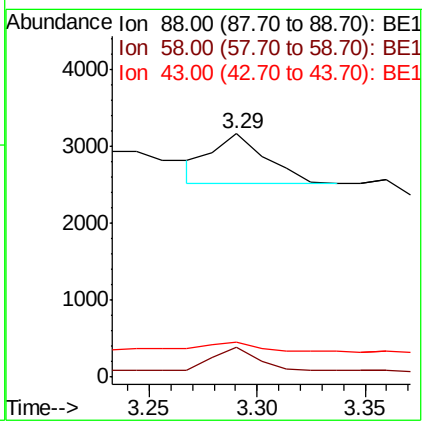


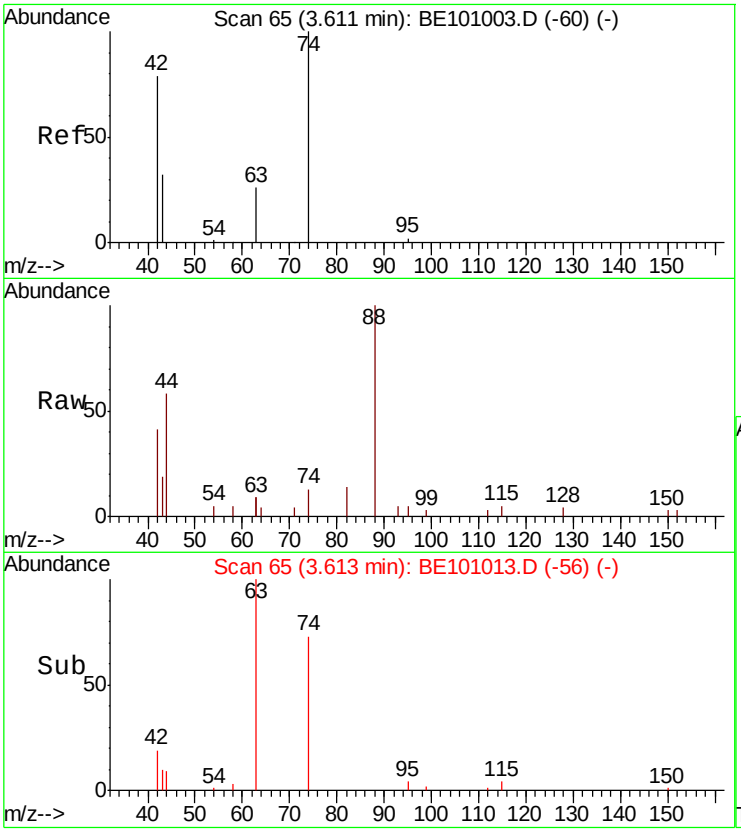


#2
1,4-Dioxane
Concen: 0.135 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion: 88 Resp: 1133

Ion	Ratio	Lower	Upper
88	100		
58	40.0	53.0	79.4#
43	20.2	23.4	35.2#

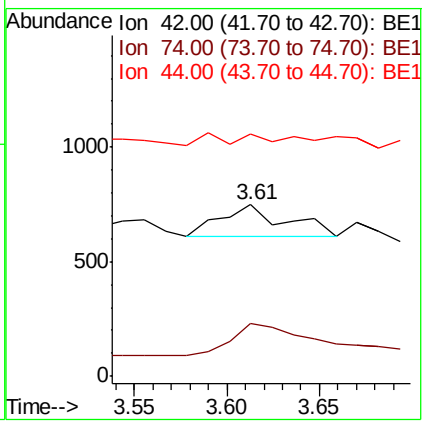




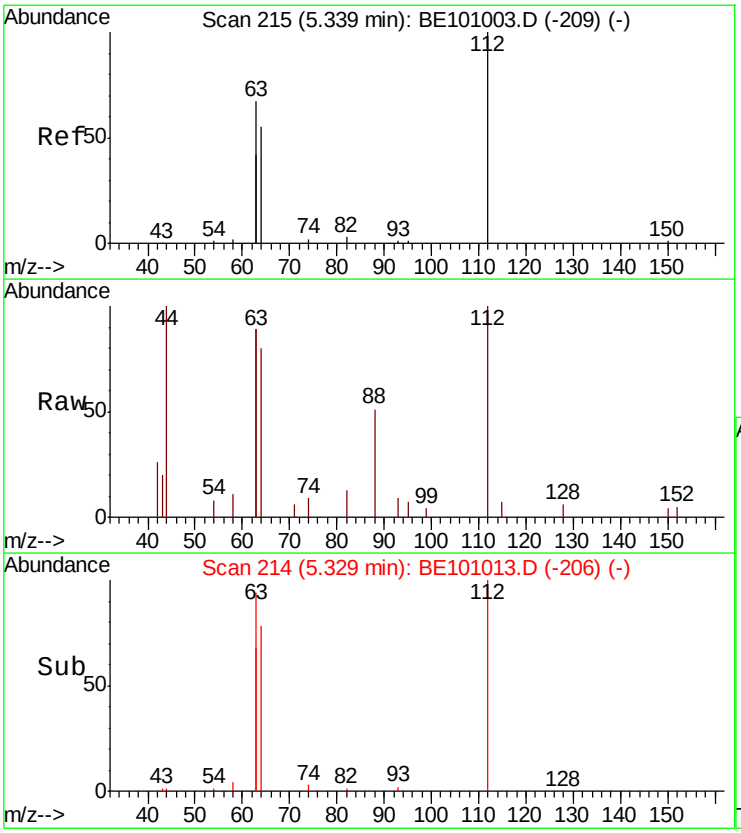
#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion: 42 Resp: 339

Ion	Ratio	Lower	Upper
42	100		
74	114.2	105.7	158.5
44	0.0	10.0	15.0#



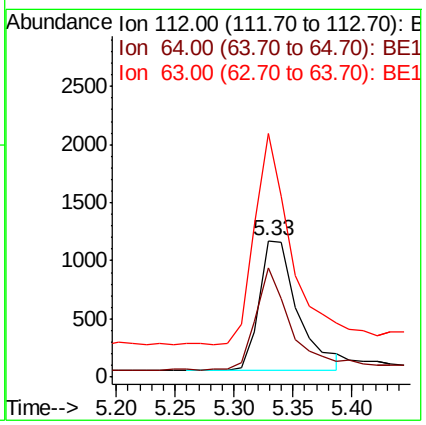
Instrument :
BNA_E
ClientSampleId :

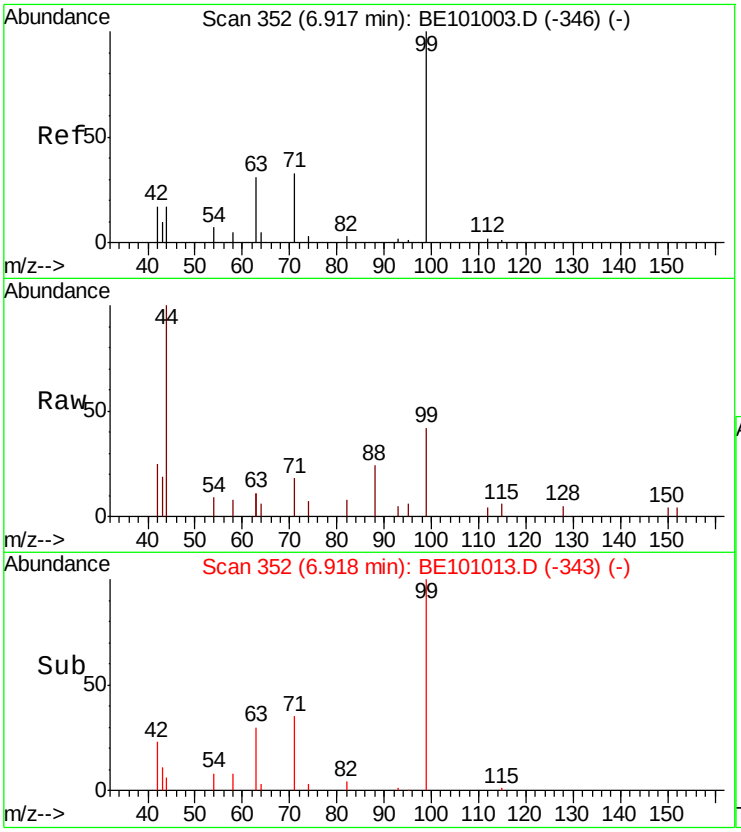


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:112 Resp: 2544

Ion	Ratio	Lower	Upper
112	100		
64	70.0	53.6	80.4
63	153.7	114.6	172.0



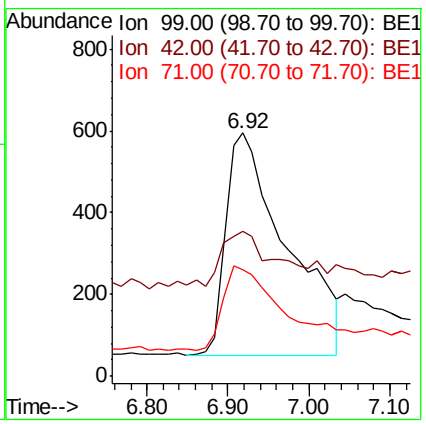


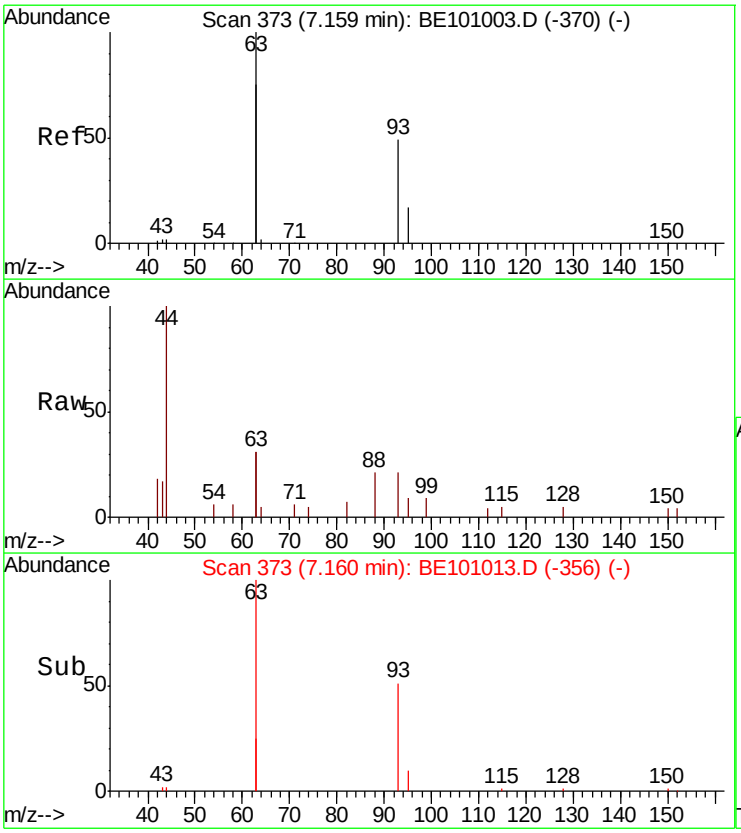
#5
Phenol-d6
Concen: 0.302 ng
RT: 6.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2823

Ion	Ratio	Lower	Upper
99	100		
42	21.0	18.3	27.5
71	38.1	28.0	42.0

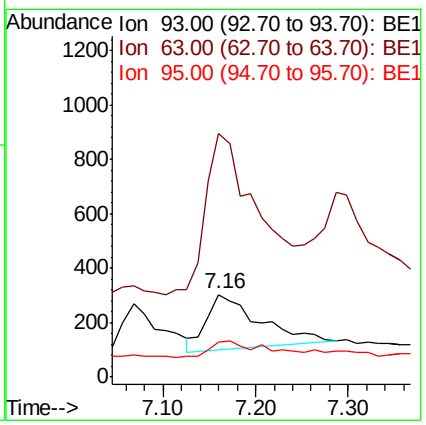


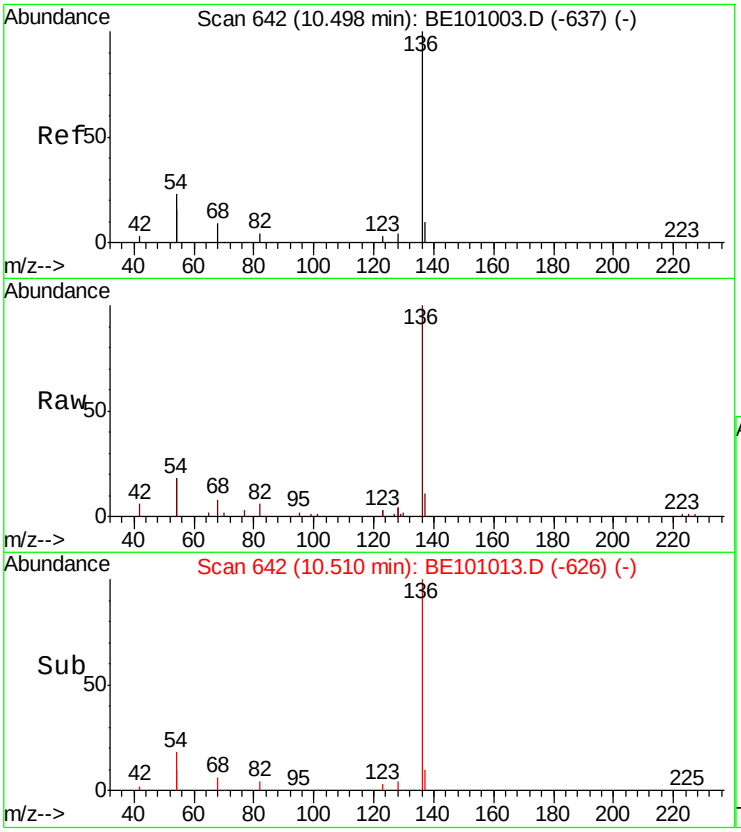


#6
bis(2-Chloroethyl)ether
Concen: 0.073 ng
RT: 7.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion: 93 Resp: 814

Ion	Ratio	Lower	Upper
93	100		
63	284.8	233.9	350.9
95	30.3	23.5	35.3



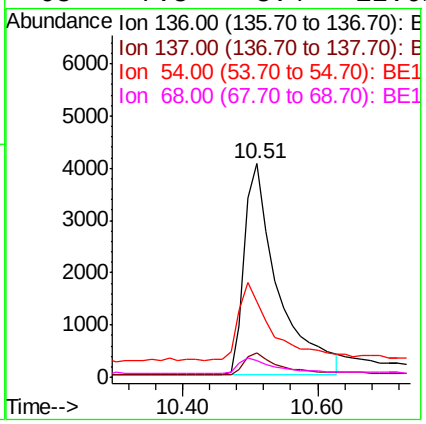


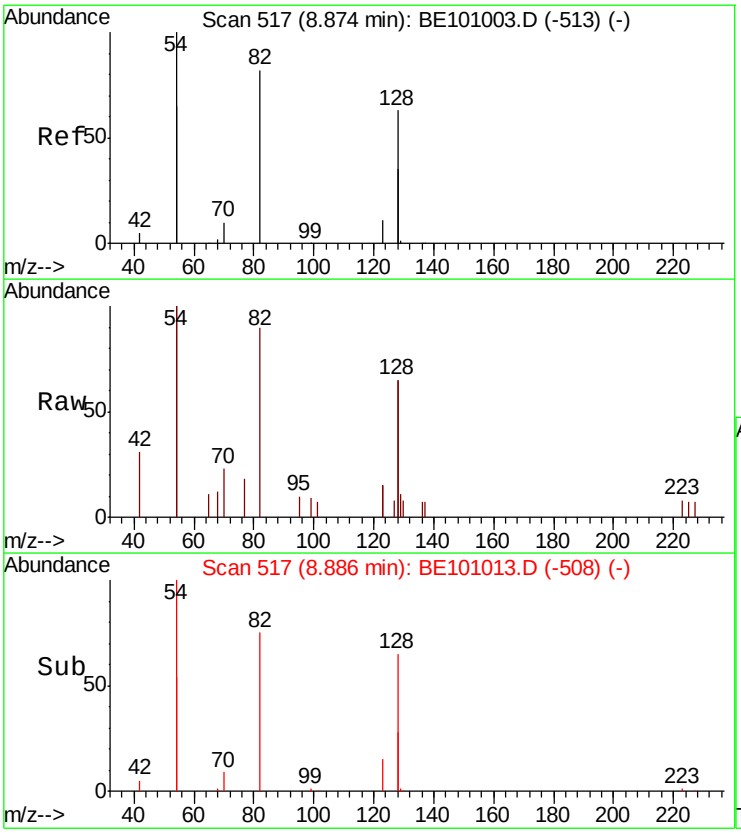
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 13920

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	35.3	36.8	55.2#
68	7.8	8.4	12.6#

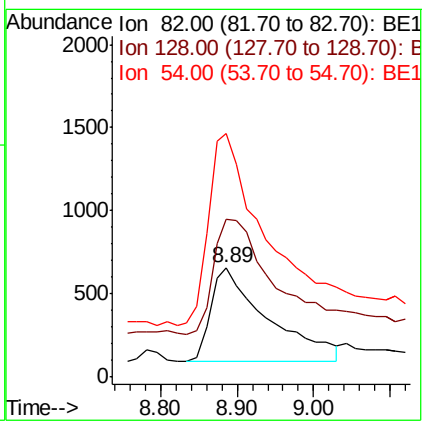


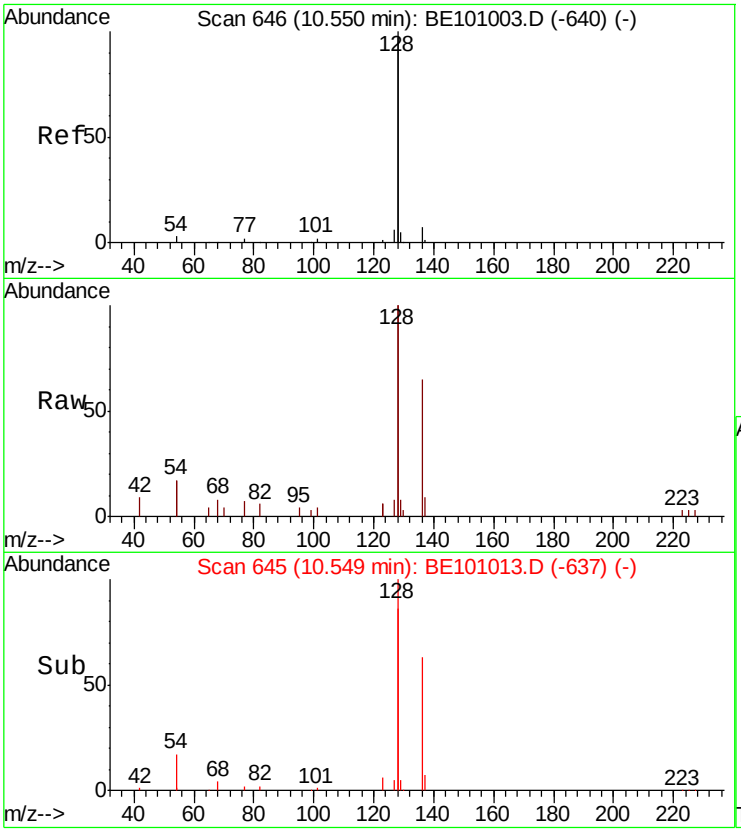


#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion: 82 Resp: 2966

Ion	Ratio	Lower	Upper
82	100		
128	144.5	109.8	164.6
54	222.2	174.5	261.7



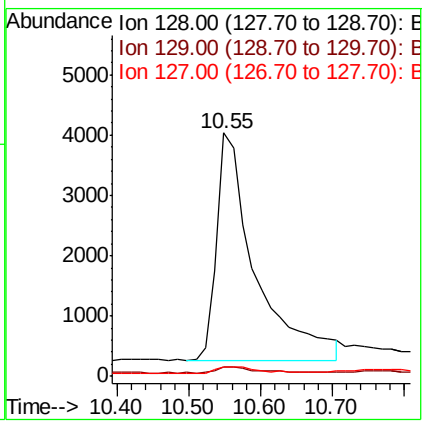


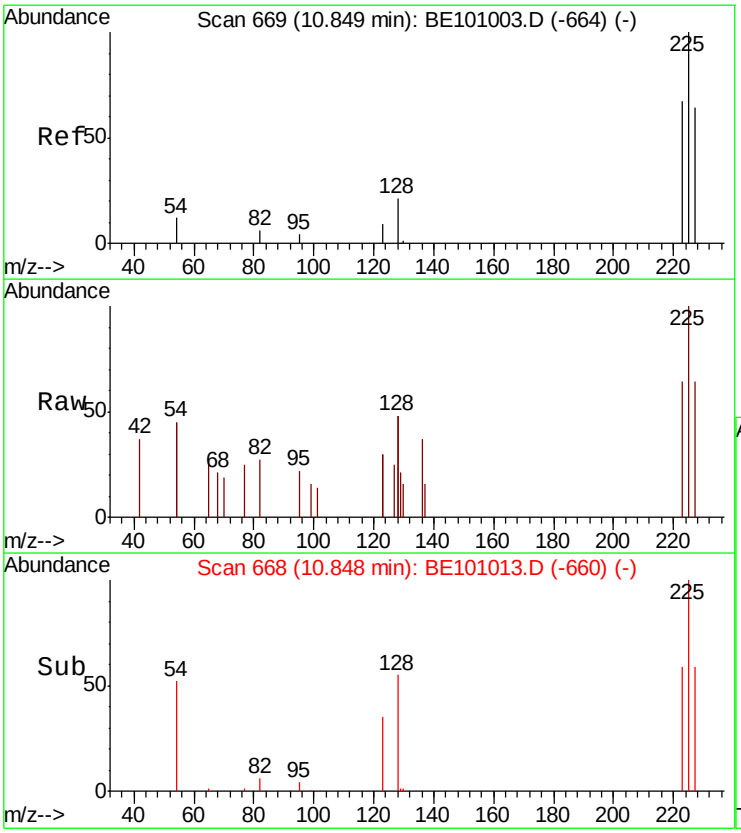
#9
Naphthalene
Concen: 0.091 ng
RT: 10.55 min Scan# 645
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 14133

Ion	Ratio	Lower	Upper
128	100		
129	4.0	2.3	3.5#
127	4.1	2.7	4.1

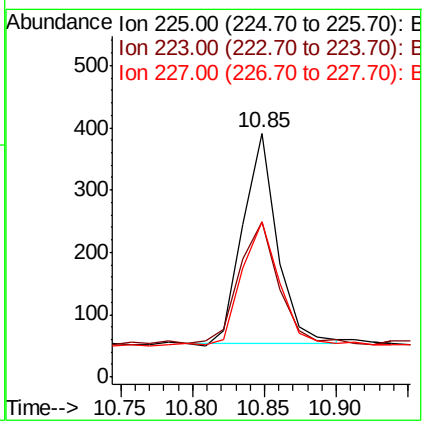


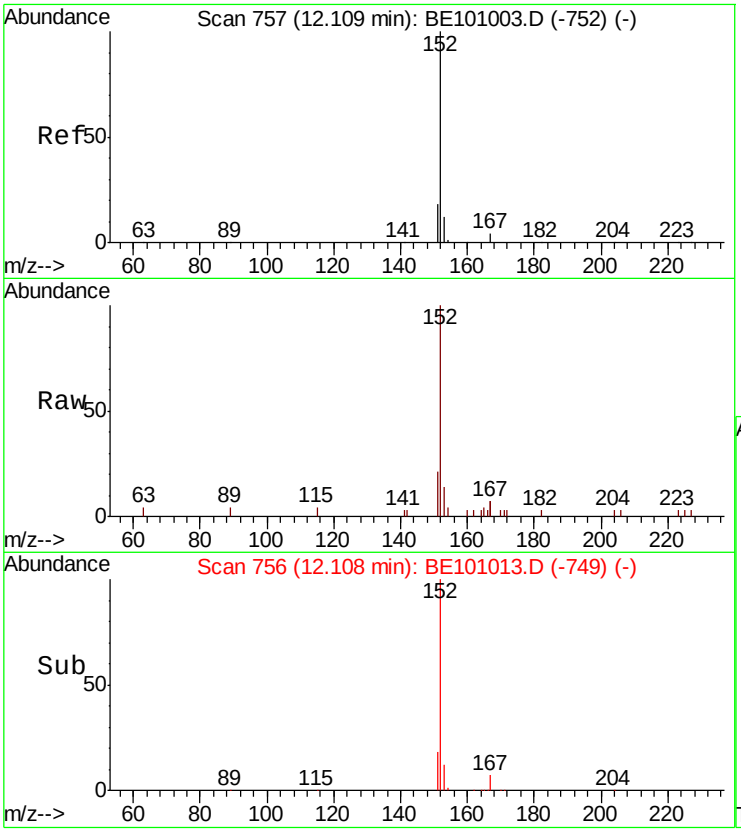


#10
Hexachlorobutadiene
Concen: 0.085 ng
RT: 10.85 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:225 Resp: 556

Ion	Ratio	Lower	Upper
225	100		
223	66.5	52.2	78.4
227	64.9	49.9	74.9



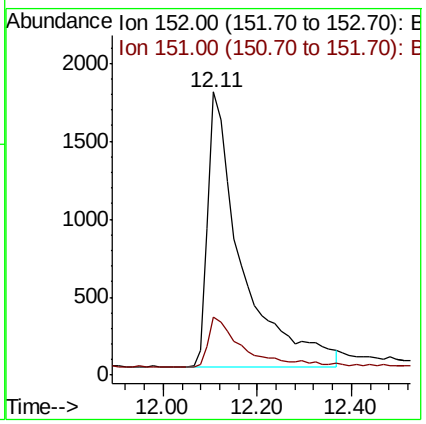


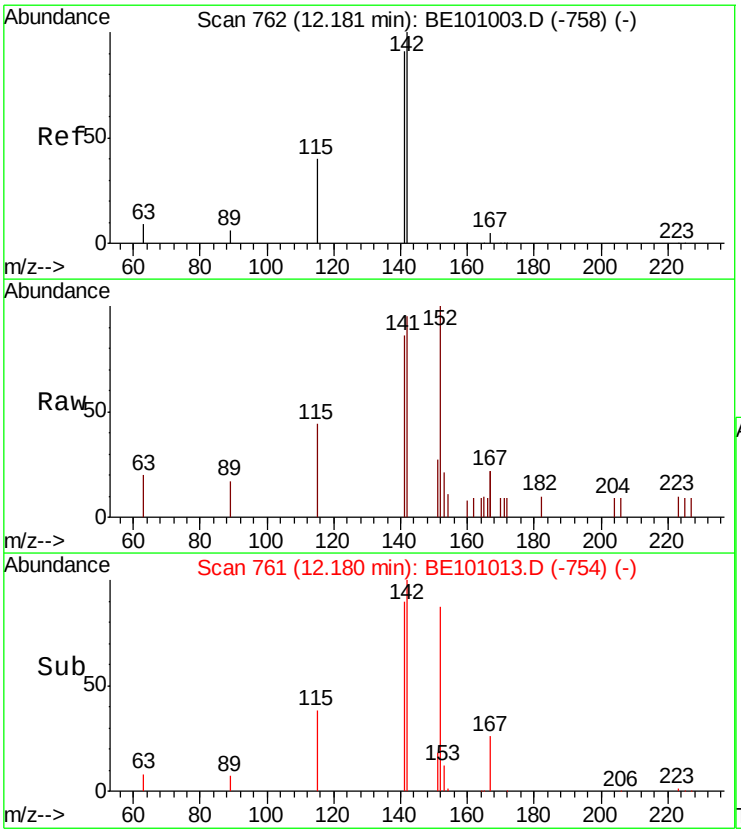
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8790

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.0	22.6

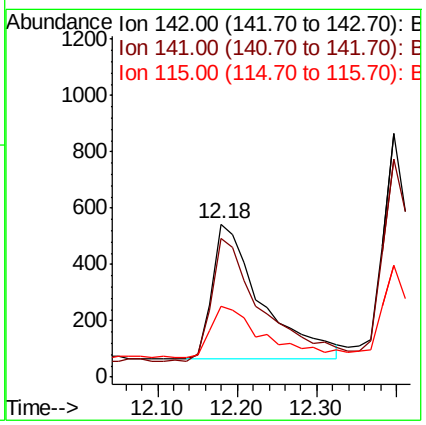


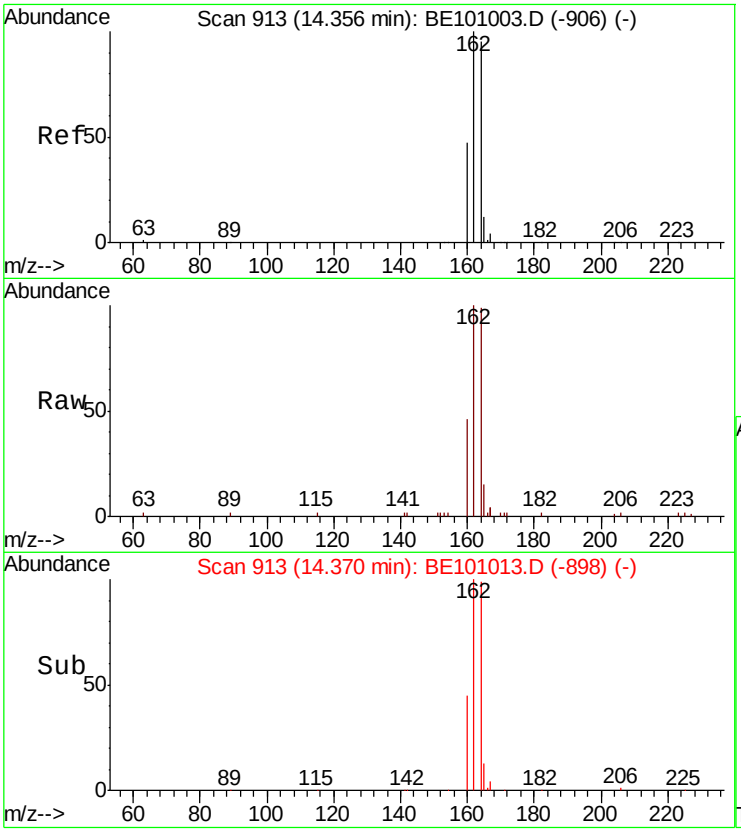


#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:142 Resp: 2049

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7
115	46.5	33.0	49.6



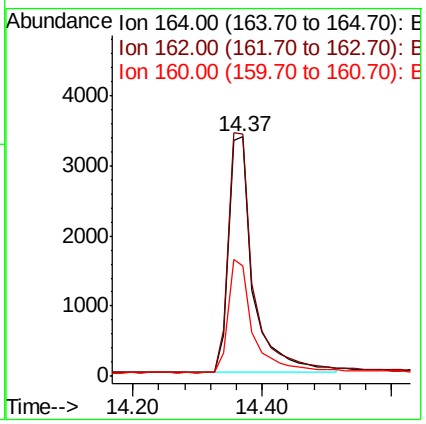


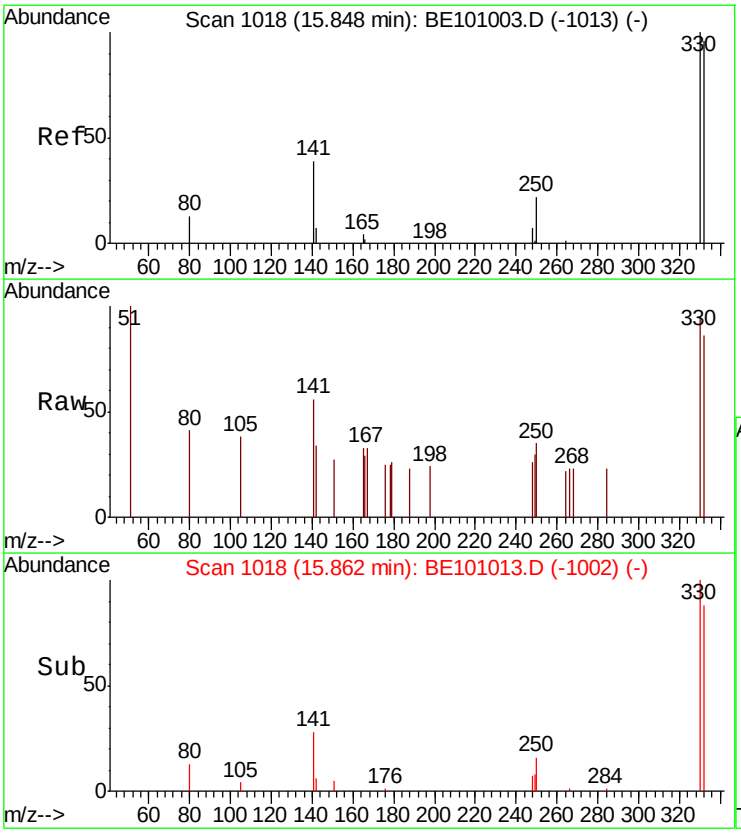
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 8872

Ion	Ratio	Lower	Upper
164	100		
162	101.0	84.1	126.1
160	46.1	40.4	60.6

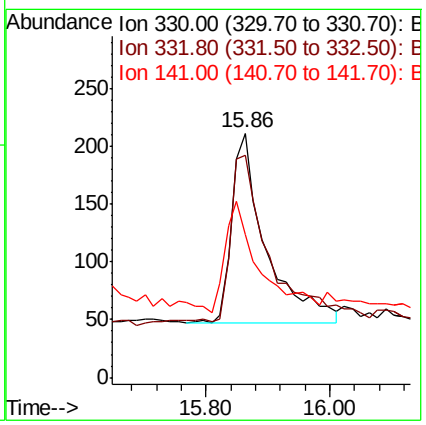


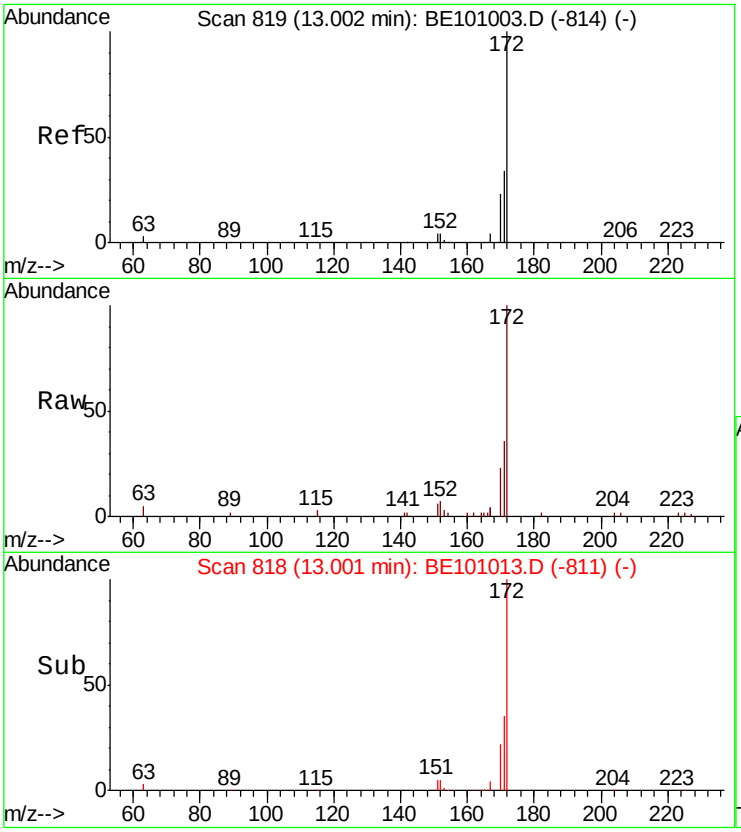


#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:330 Resp: 631

Ion	Ratio	Lower	Upper
330	100		
332	104.4	78.4	117.6
141	59.0	37.0	55.4#



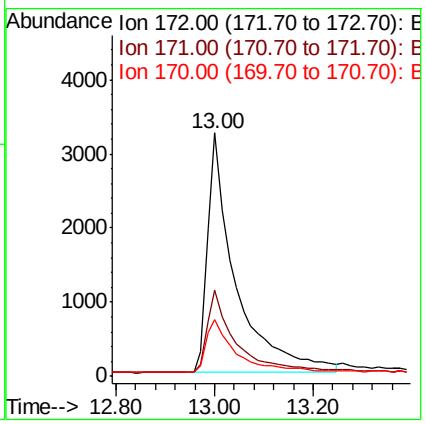


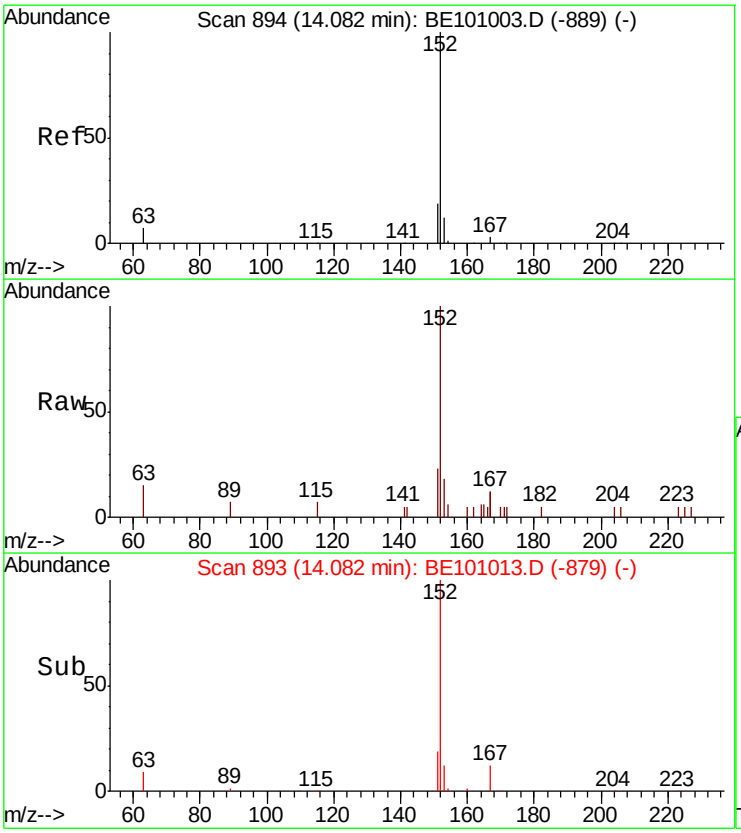
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 12787

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.1	18.9	28.3

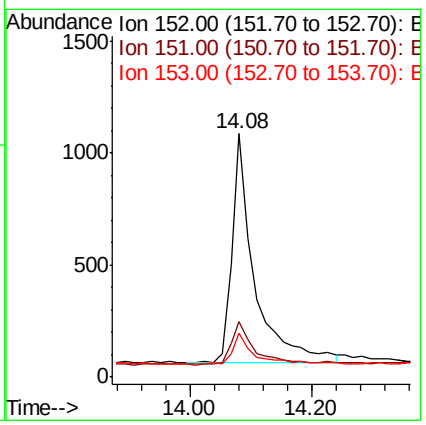


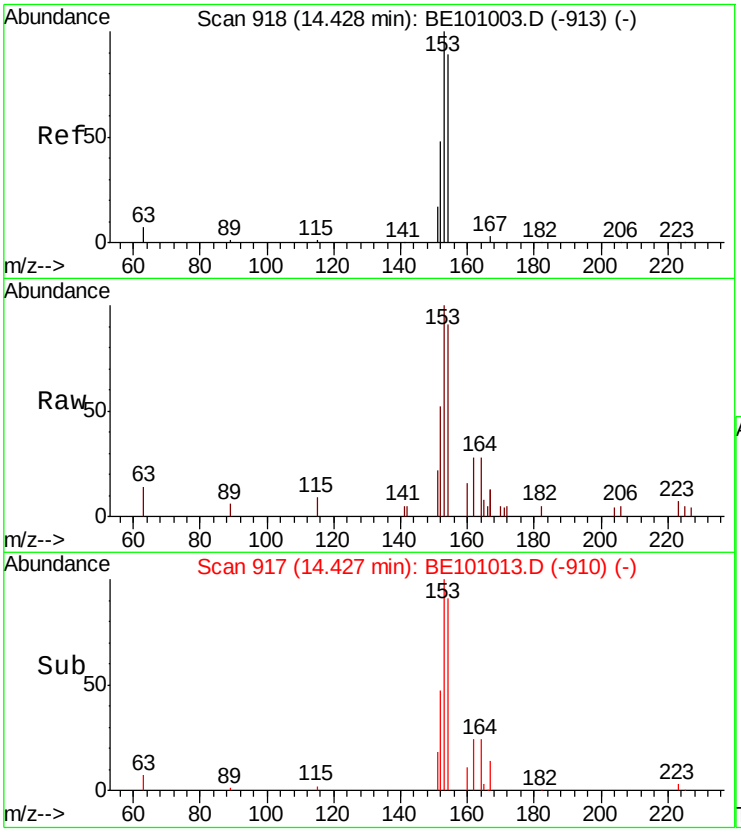


#16
Acenaphthylene
Concen: 0.073 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:152 Resp: 2647

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.7	10.4	15.6



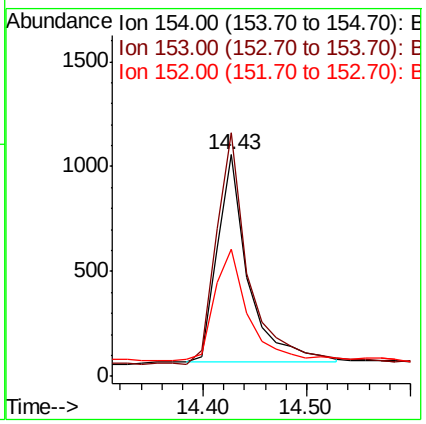


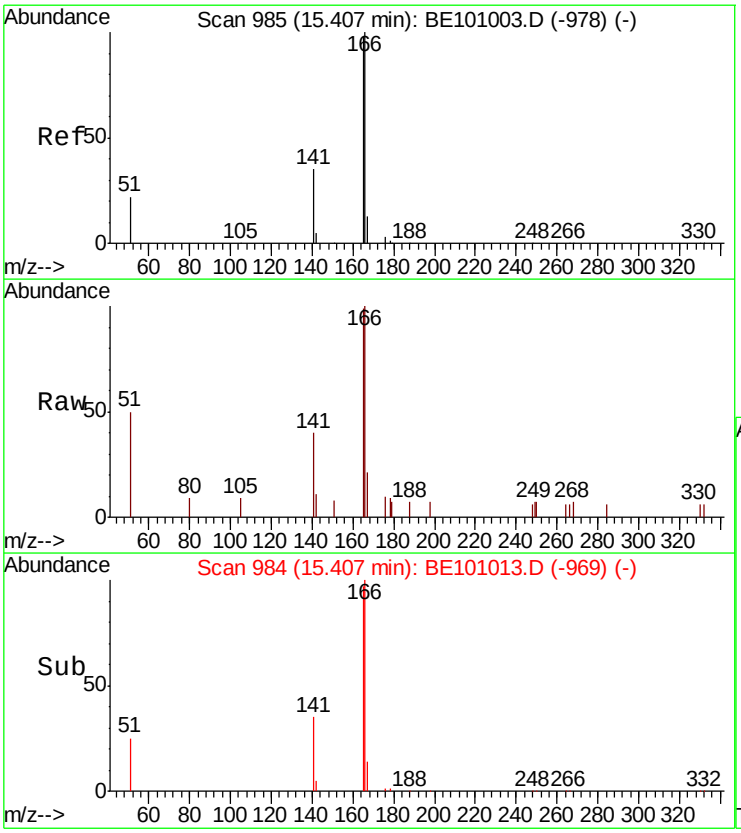
#17
Acenaphthene
Concen: 0.080 ng
RT: 14.43 min Scan# 917
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 2066

Ion	Ratio	Lower	Upper
154	100		
153	115.9	93.6	140.4
152	59.1	46.3	69.5

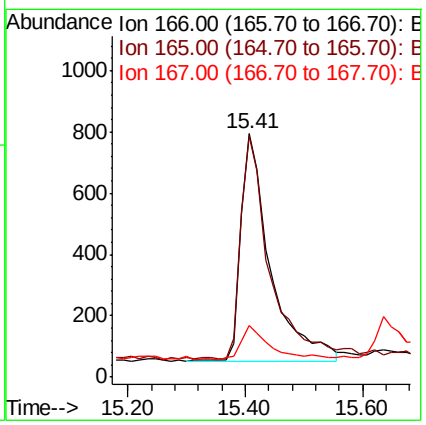


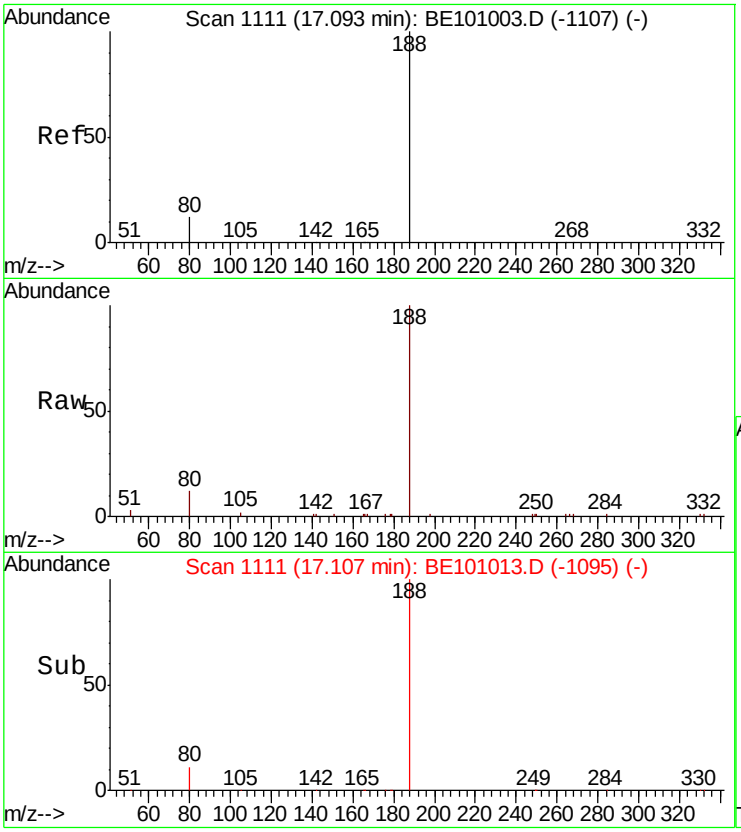


#18
Fluorene
Concen: 0.078 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:166 Resp: 2555

Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.8	119.8
167	15.1	11.0	16.6



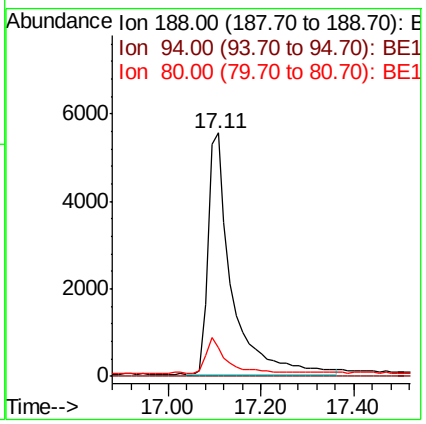


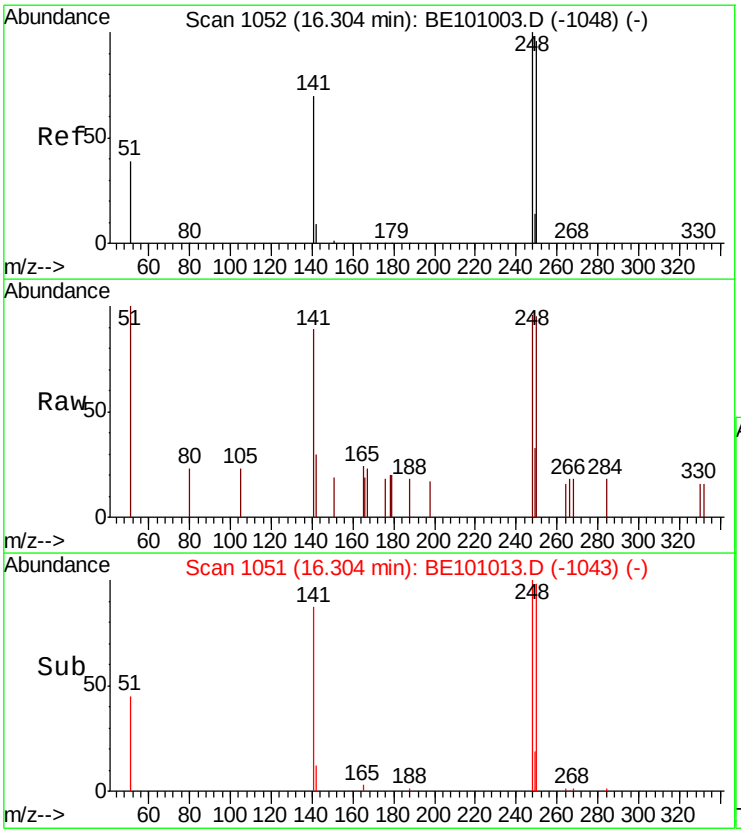
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 19444

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	10.8	16.2

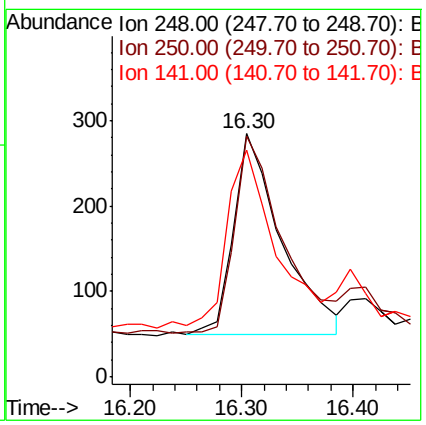


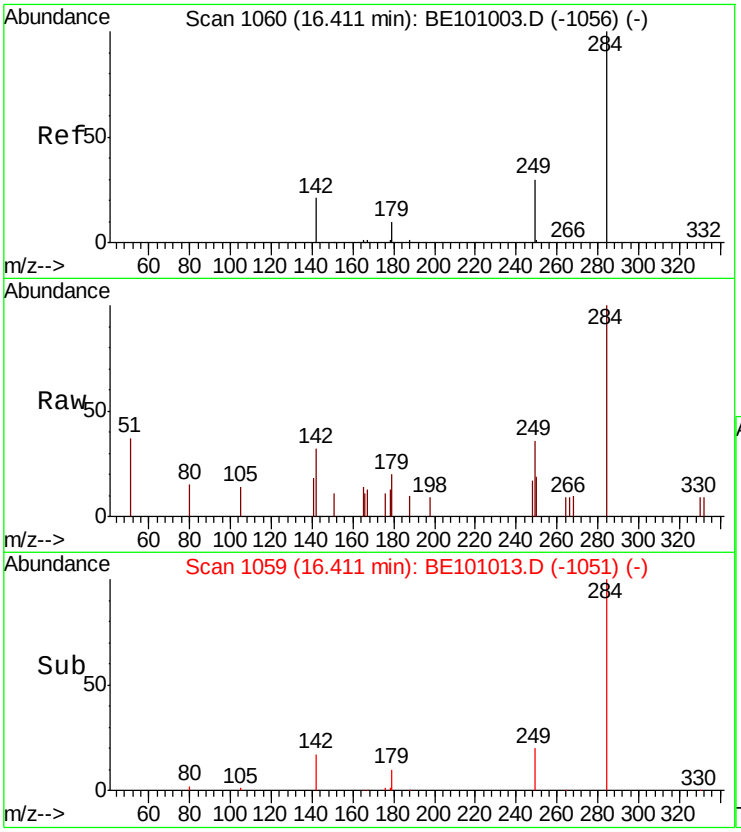


#20
4-Bromophenyl-phenylether
Concen: 0.074 ng
RT: 16.30 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:248 Resp: 700

Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.6	115.0
141	93.3	57.7	86.5#



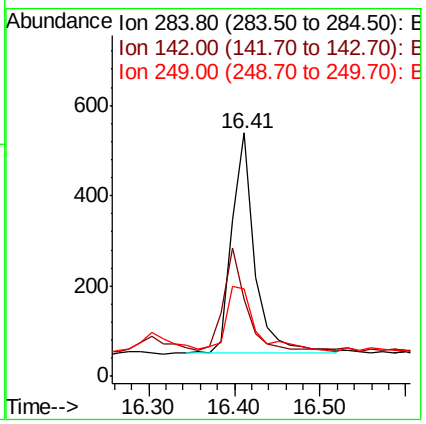


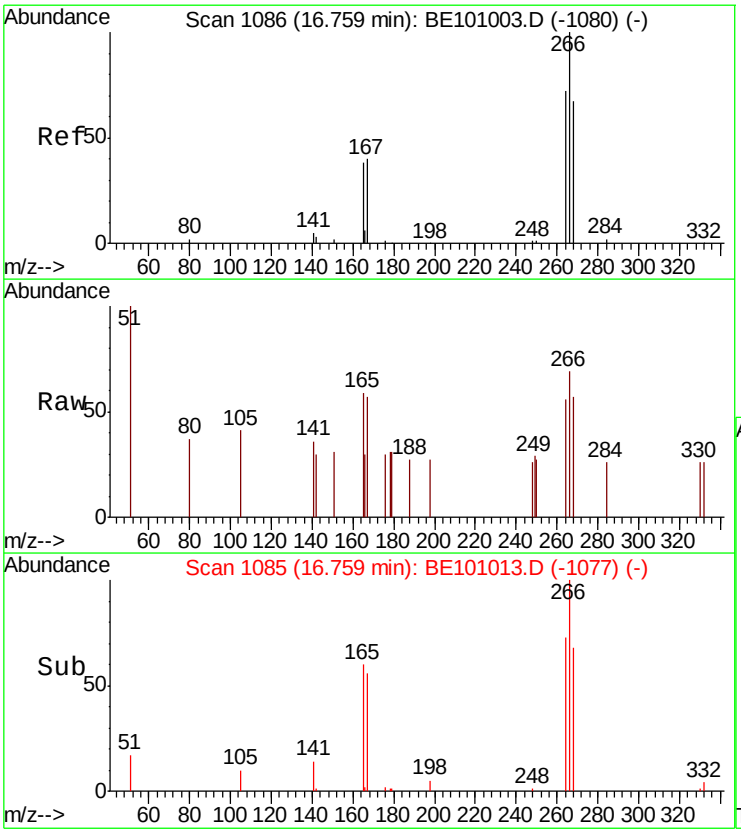
#21
Hexachlorobenzene
Concen: 0.087 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 908

Ion	Ratio	Lower	Upper
284	100		
142	43.3	34.0	51.0
249	38.9	28.2	42.4

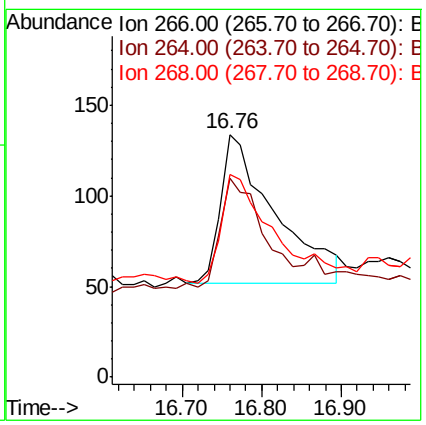


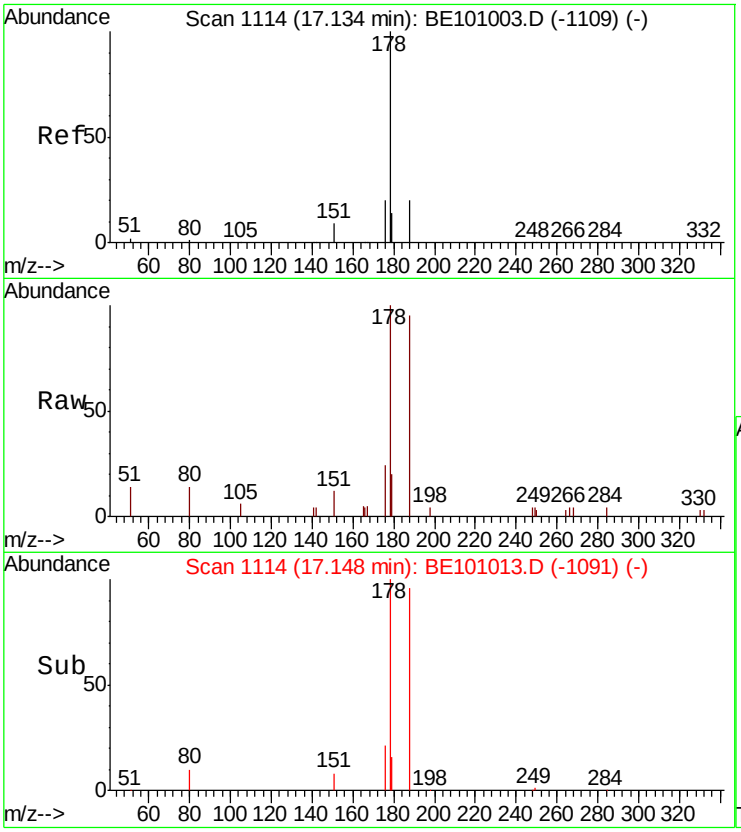


#22
Pentachlorophenol
Concen: 0.150 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:266 Resp: 386

Ion	Ratio	Lower	Upper
266	100		
264	82.1	61.0	91.4
268	83.6	58.5	87.7



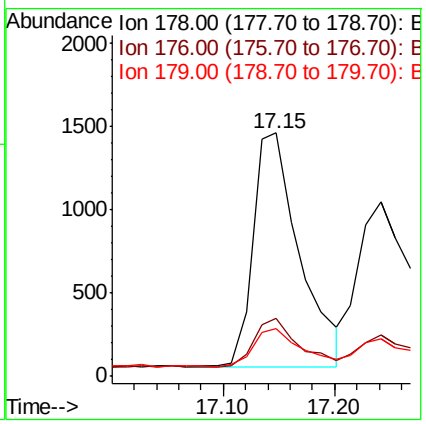


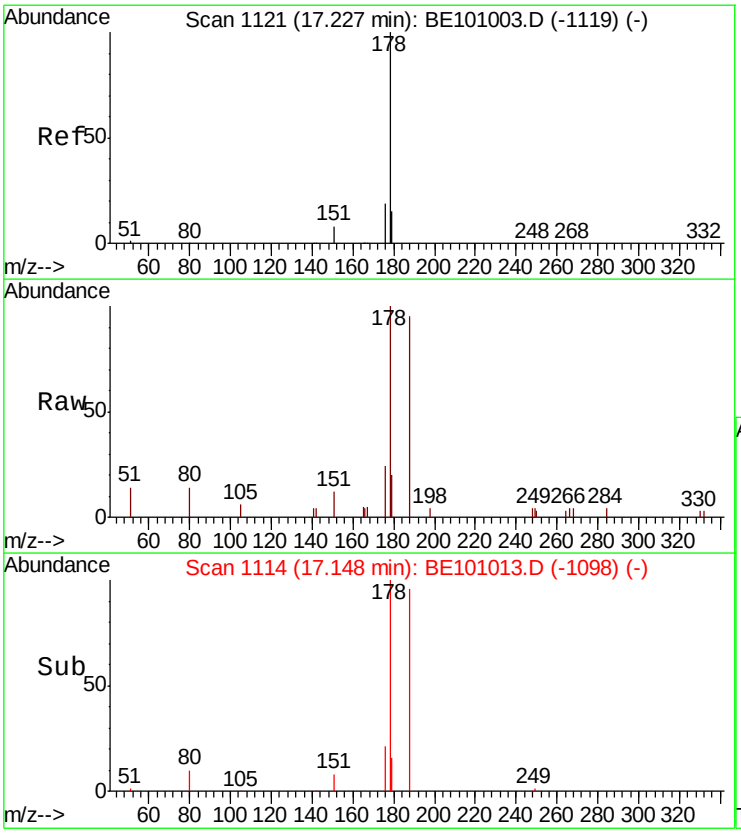
#23
Phenanthrene
Concen: 0.077 ng
RT: 17.15 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4085

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.5	12.0	18.0

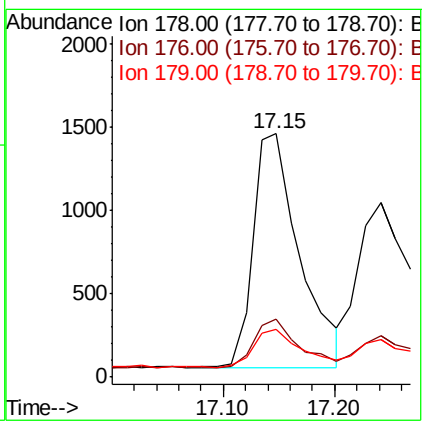


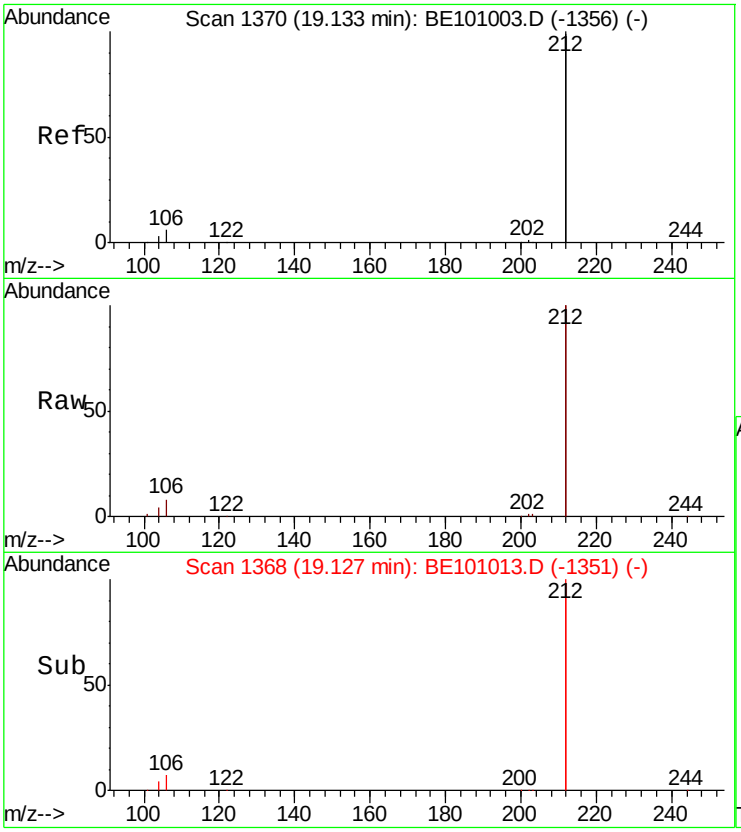


#24
Anthracene
Concen: 0.082 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.08 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:178 Resp: 4085

Ion	Ratio	Lower	Upper
178	100		
176	20.0	14.8	22.2
179	16.5	12.4	18.6



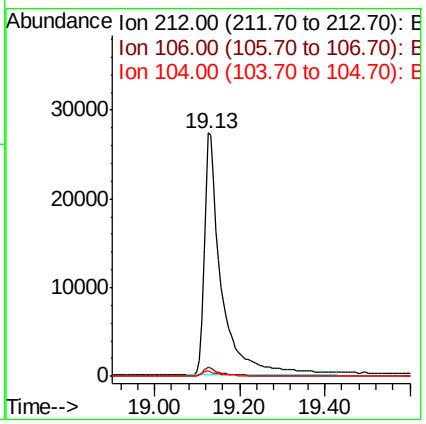


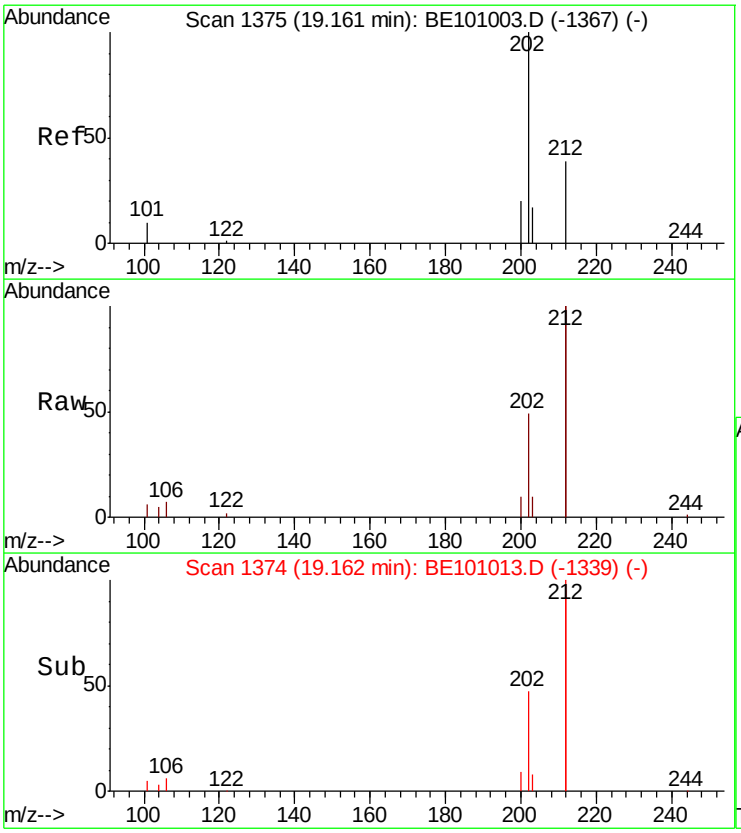
#25
Fluoranthene-d10
Concen: 0.285 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 77059

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.7	1.4	2.0

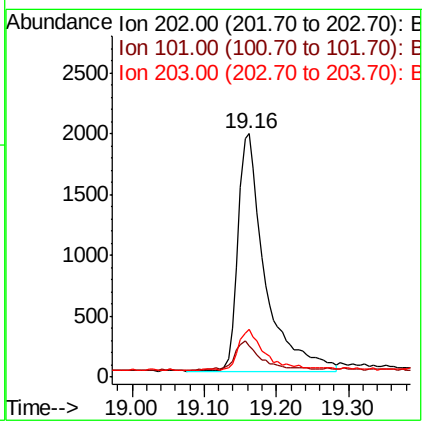


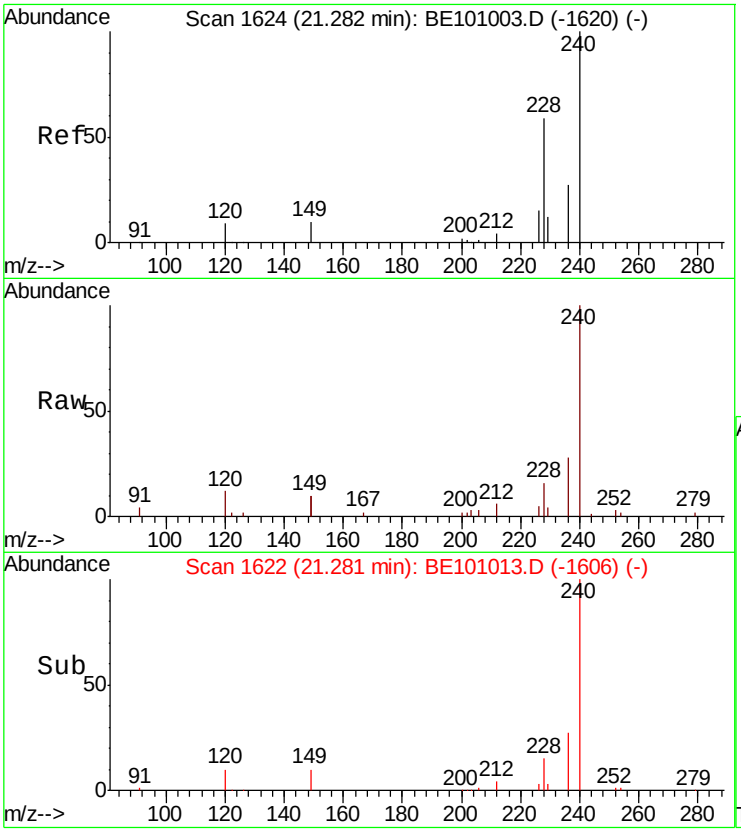


#26
Fluoranthene
Concen: 0.076 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:202 Resp: 5064

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	16.0	13.8	20.6



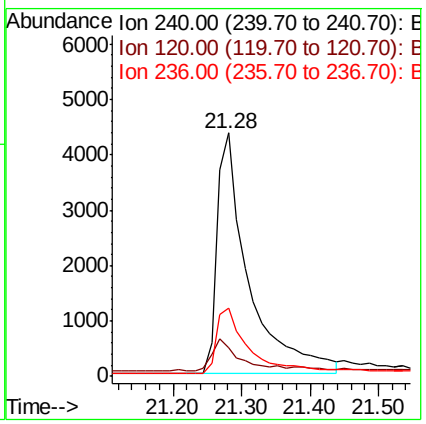


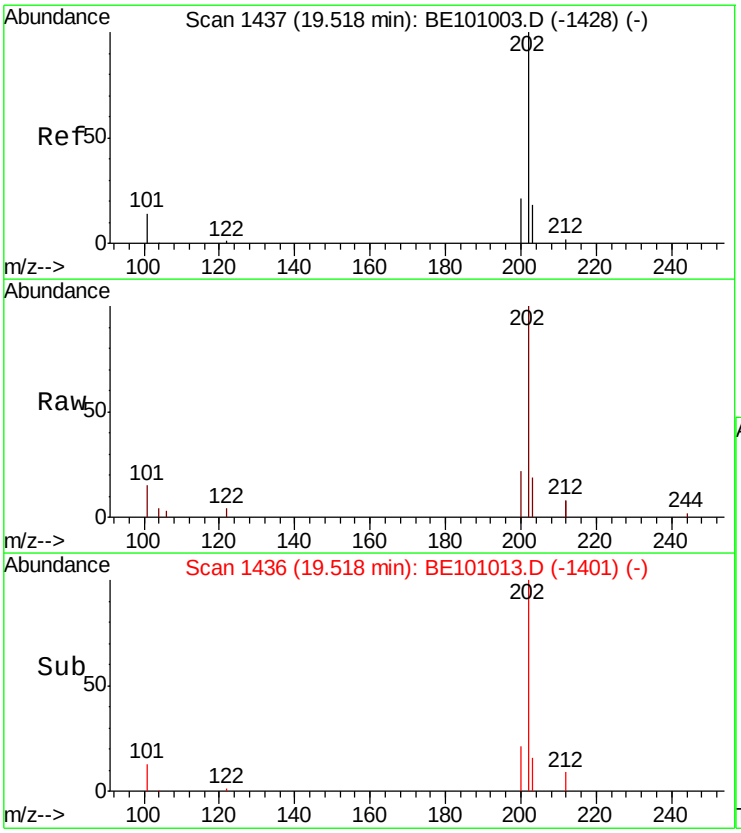
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 13897

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	13.0
236	28.2	22.2	33.4

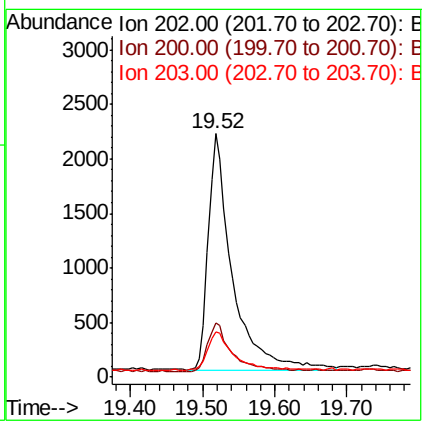


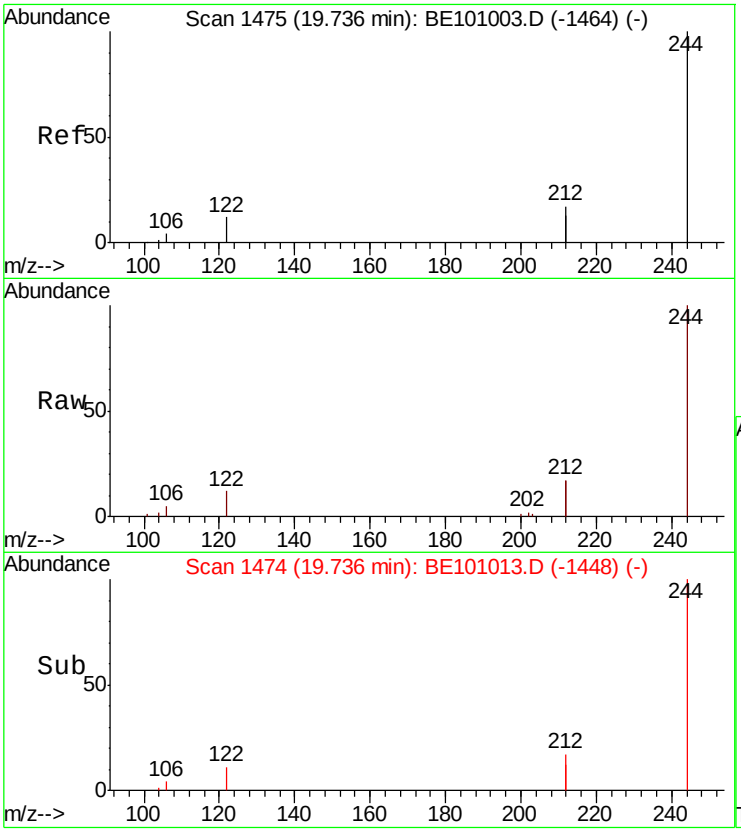


#28
Pyrene
Concen: 0.097 ng
RT: 19.52 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:202 Resp: 4996

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	16.7	13.8	20.6



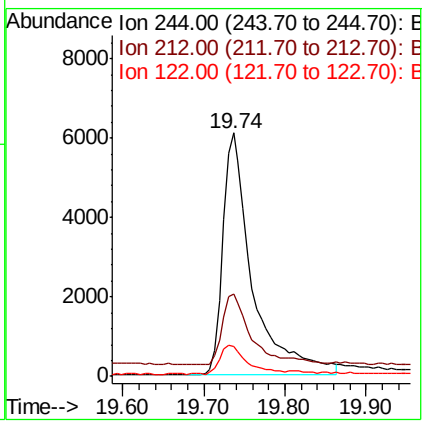


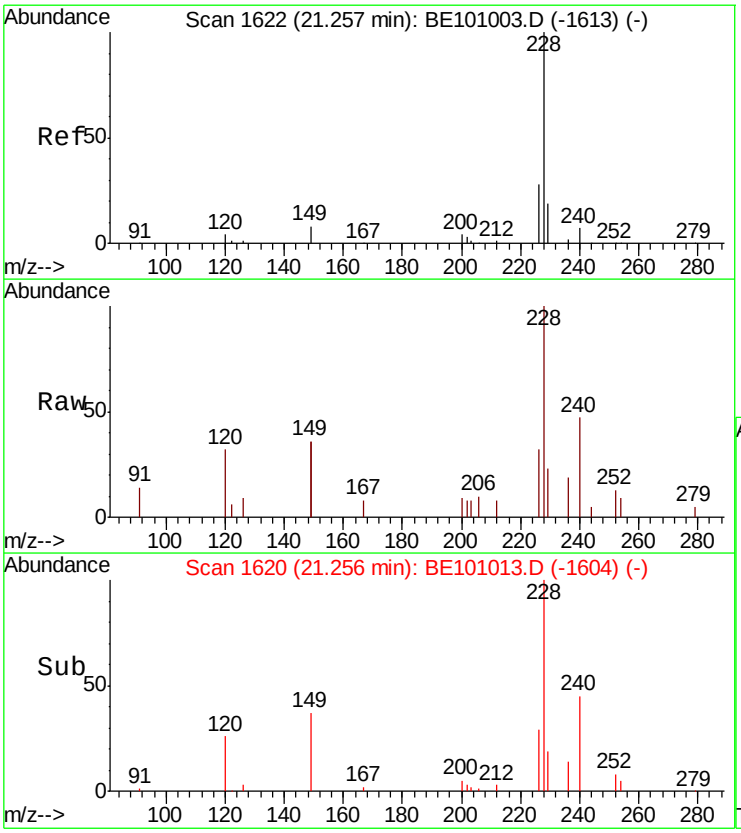
#29
Terphenyl-d14
Concen: 0.445 ng
RT: 19.74 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 15188

Ion	Ratio	Lower	Upper
244	100		
212	34.0	27.2	40.8
122	12.2	9.8	14.8

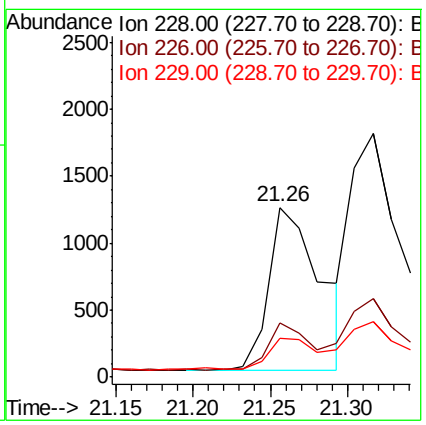


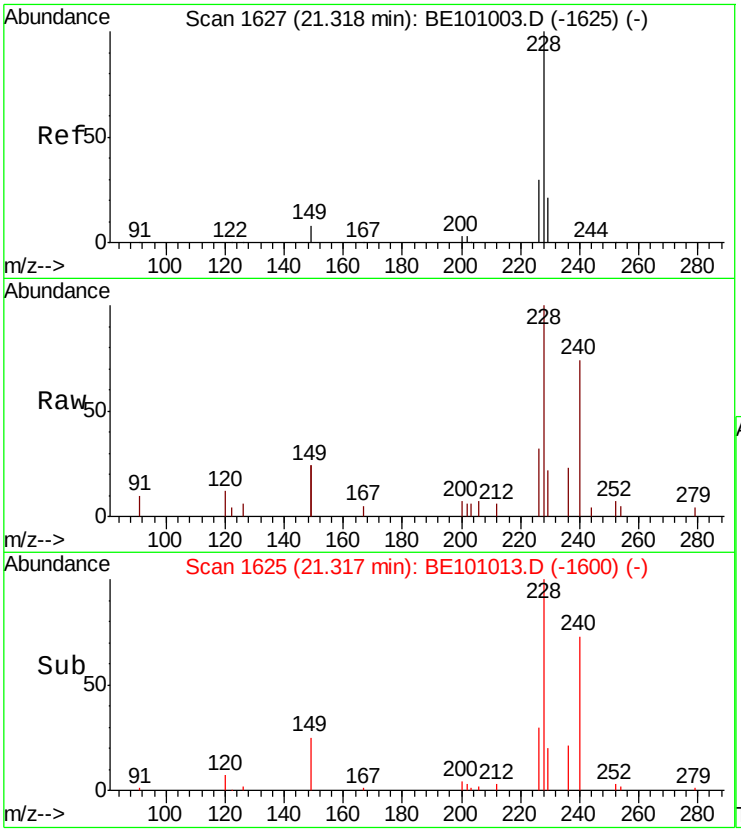


#30
Benzo(a)anthracene
Concen: 0.072 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:228 Resp: 2836

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.7	34.1
229	22.7	15.5	23.3



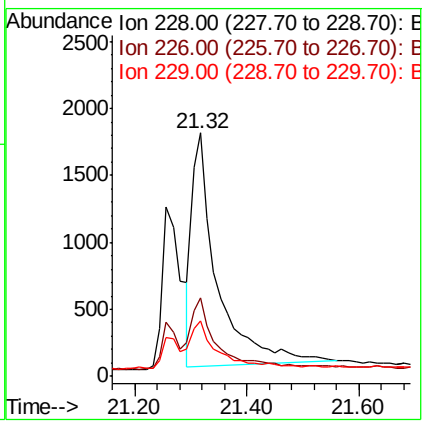


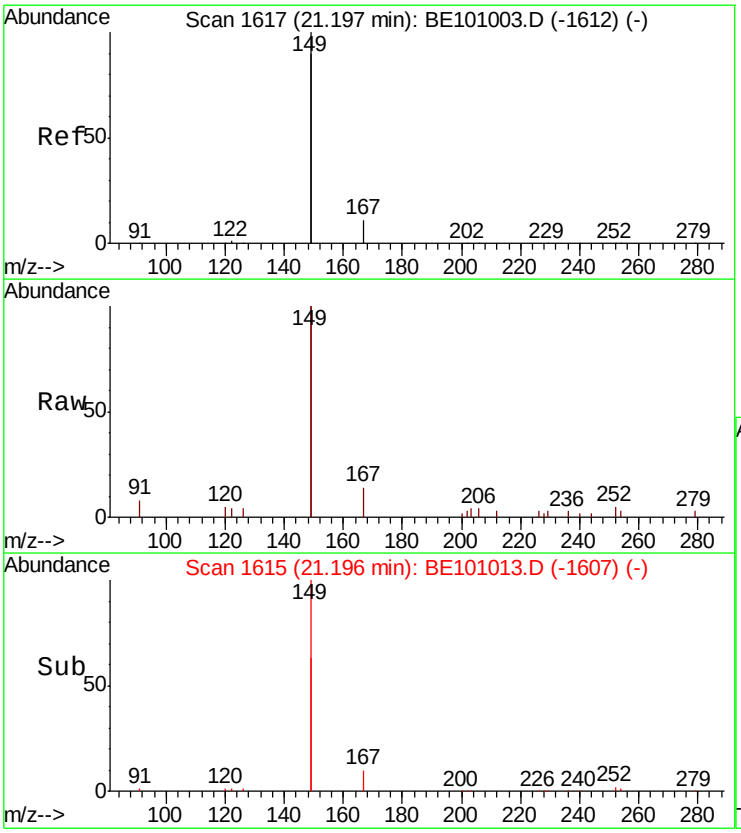
#31
Chrysene
Concen: 0.092 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 5423

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.5	35.3
229	22.5	16.7	25.1

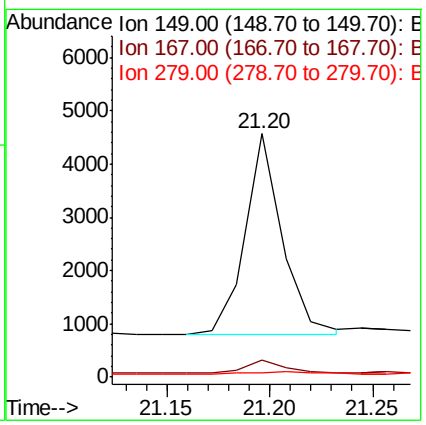


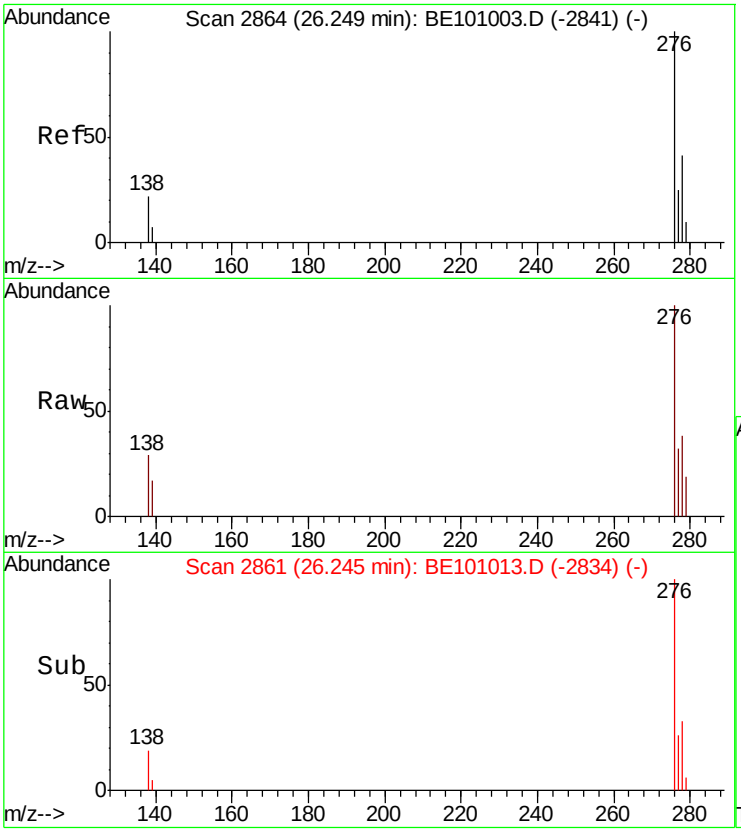


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.072 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:149 Resp: 4776

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.2	7.8
279	1.4	0.8	1.2#



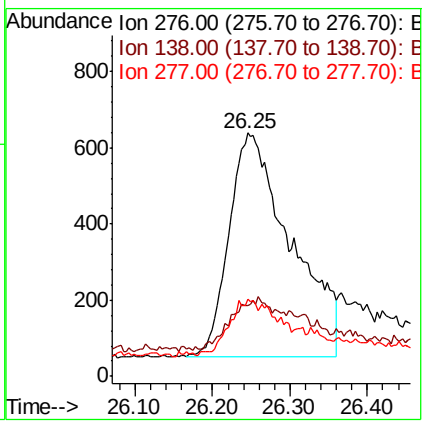


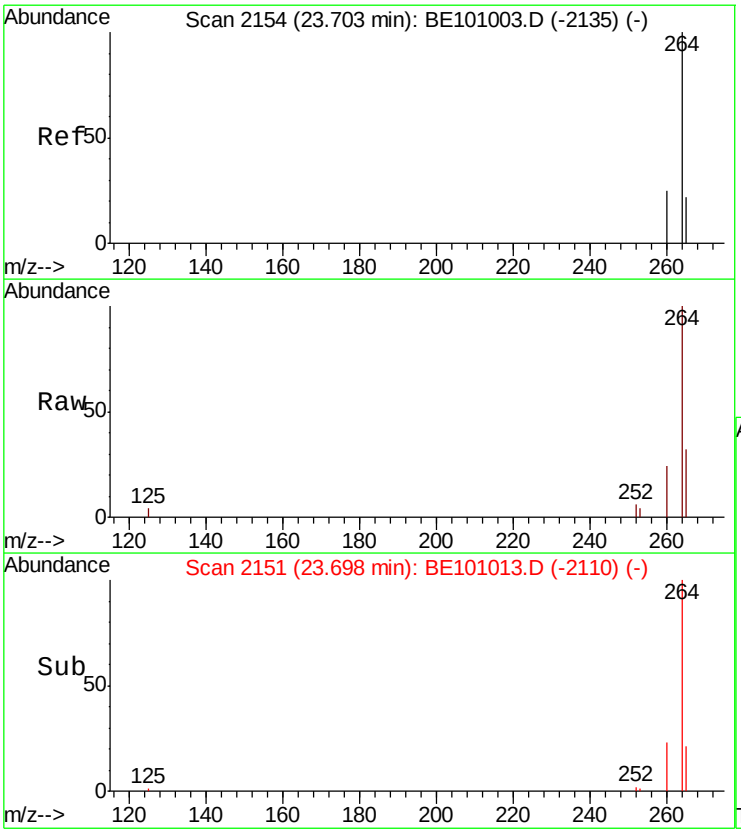
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng
RT: 26.25 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3278

Ion	Ratio	Lower	Upper
276	100		
138	16.9	16.1	24.1
277	9.9	18.1	27.1#

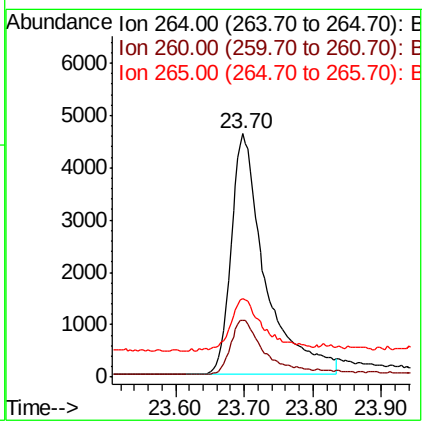


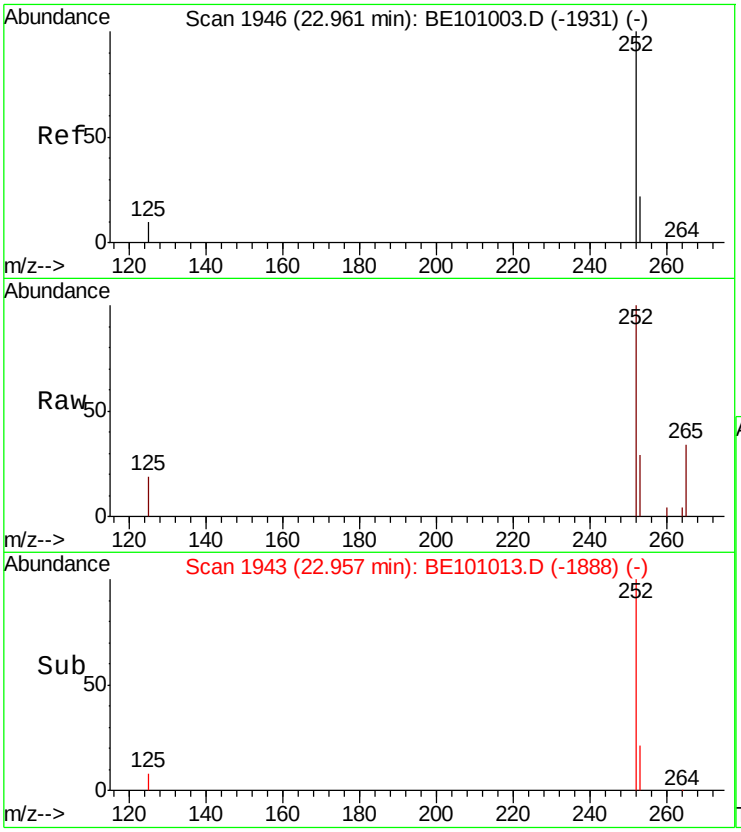


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:264 Resp: 15805

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	32.1	27.0	40.4



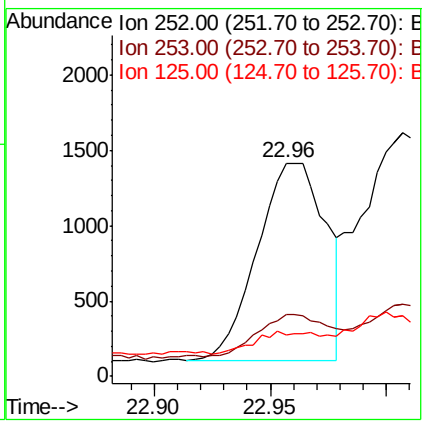


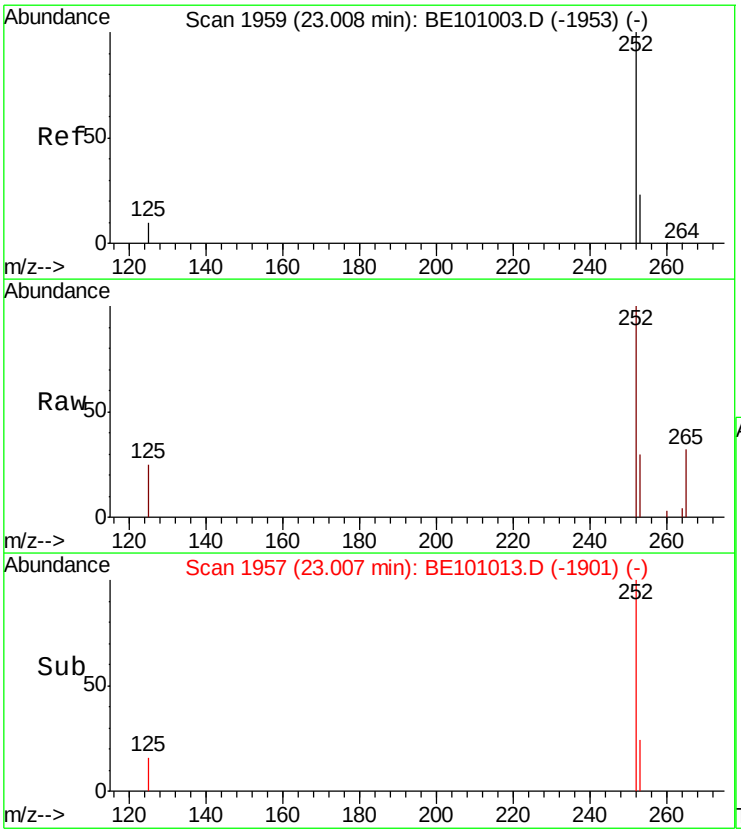
#35
Benzo(b)fluoranthene
Concen: 0.061 ng
RT: 22.96 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2690

Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.5	27.7#
125	19.2	9.5	14.3#

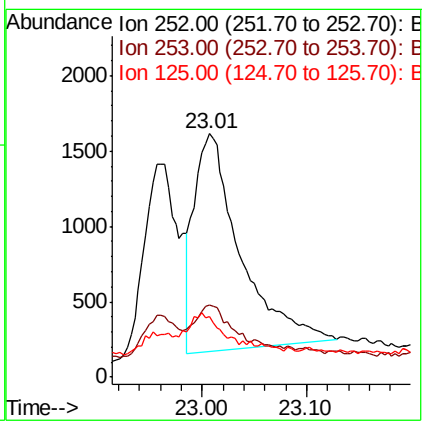


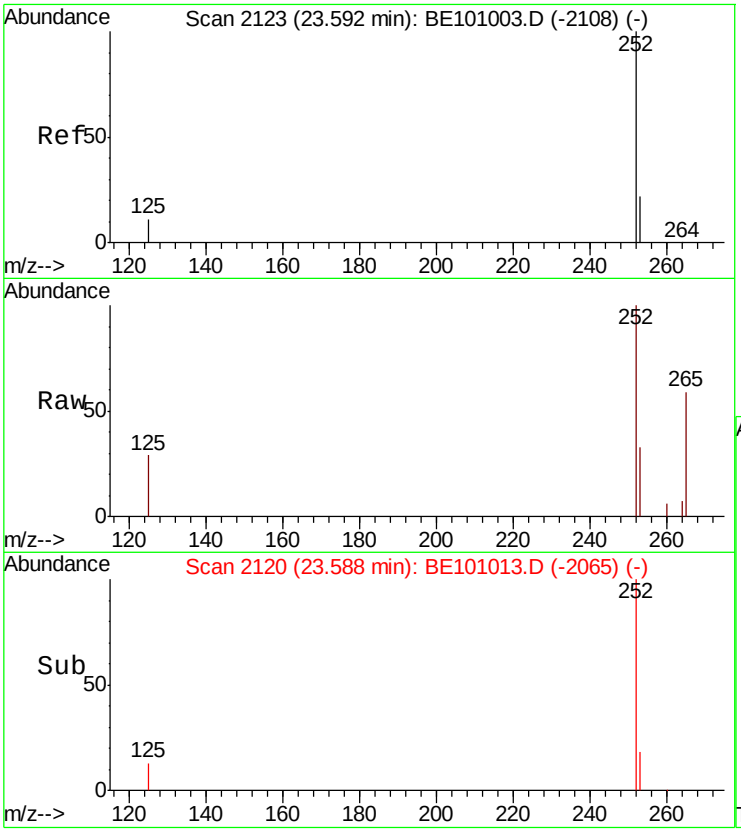


#36
Benzo(k)fluoranthene
Concen: 0.069 ng
RT: 23.01 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:252 Resp: 4436

Ion	Ratio	Lower	Upper
252	100		
253	29.8	18.9	28.3#
125	24.7	10.1	15.1#



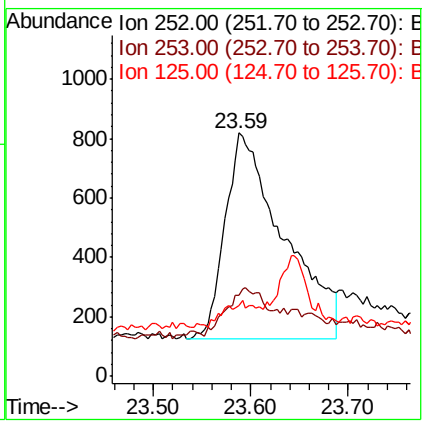


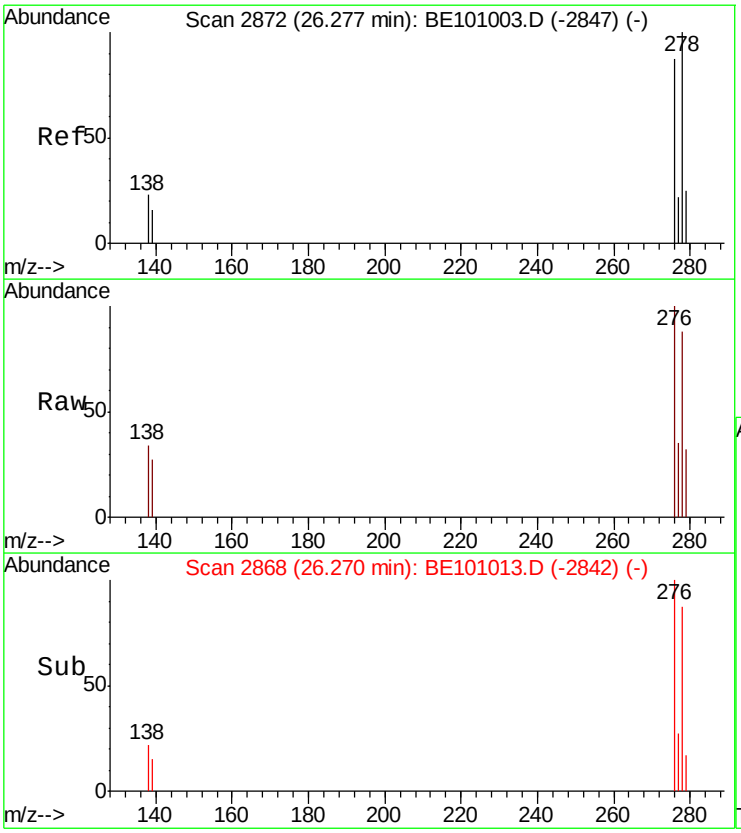
#37
Benzo(a)pyrene
Concen: 0.068 ng
RT: 23.59 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2908

Ion	Ratio	Lower	Upper
252	100		
253	33.1	19.4	29.2#
125	29.2	11.8	17.6#

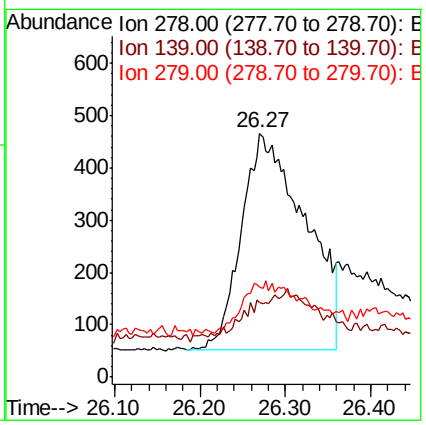


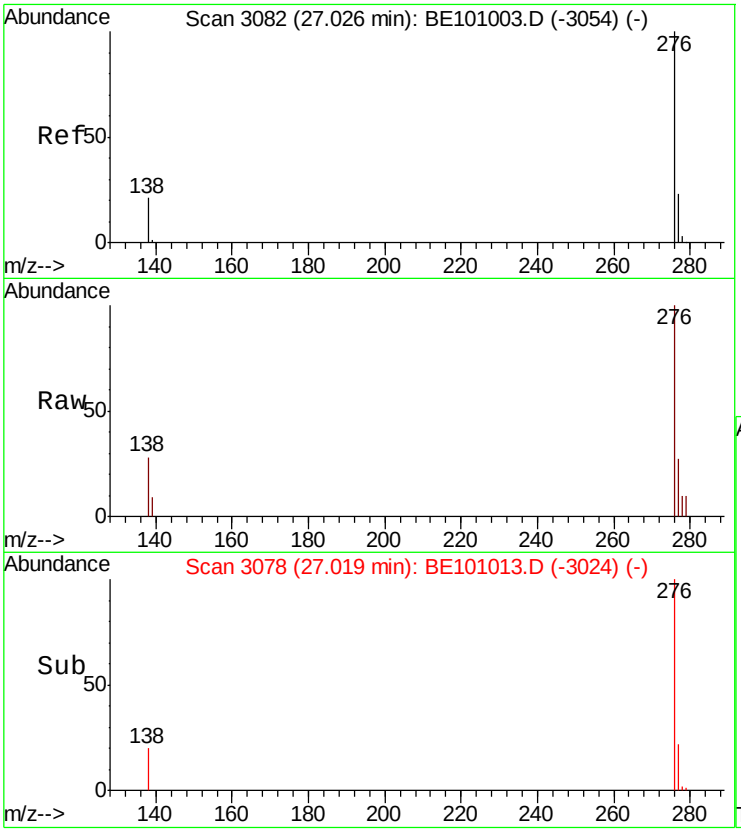


#38
Dibenzo(a,h)anthracene
Concen: 0.055 ng
RT: 26.27 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Tgt Ion:278 Resp: 2157

Ion	Ratio	Lower	Upper
278	100		
139	30.9	15.0	22.4#
279	36.7	22.6	33.8#





#39
Benzo(g,h,i)perylene
Concen: 0.077 ng
RT: 27.02 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BE101013.D
Acq: 9 Jan 2020 16:17

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3722

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.4	29.2
138	27.7	17.9	26.9#