Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

Quantitation Report (Not Reviewed)

Data File : BE101126.D
Acq On : 22 Jan 2020 22:12
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-49-(0.5-2)

Quant Time: Jan 23 04:09:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2326	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	12253	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8955	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16533	0.40	ng	0.00
27) Chrysene-d12	21.28	240	18967	0.40	ng	0.00
34) Perylene-d12	23.73	264	20880	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2061	0.39	ng	0.00
5) Phenol-d6	6.92	99	3146	0.47	ng	0.00
8) Nitrobenzene-d5	8.86	82	2820	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	4797	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	876	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7000	0.21	ng	-0.01
25) Fluoranthene-d10	19.14	212	46674	0.20	ng	0.00
29) Terphenyl-d14	19.73	244	10286	0.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	82	Below Cal	#	26
6) bis(2-Chloroethyl)ether	7.07	93	4165	0.528	ng	# 1
9) Naphthalene	10.55	128	578370	4.251	ng	100
12) 2-Methylnaphthalene	12.17	142	27857	1.354	ng	# 73
16) Acenaphthylene	14.08	152	161030	4.415	ng	100
17) Acenaphthene	14.43	154	12797	0.490	ng	# 77
18) Fluorene	15.39	166	51394	1.557	ng	89
22) Pentachlorophenol	16.71	266	9	0.253	ng	# 85
23) Phenanthrene	17.13	178	684118	15.153	ng	100
24) Anthracene	17.23	178	188337	4.421	ng	99
26) Fluoranthene	19.17	202	1141476	20.189	ng	98
28) Pyrene	19.53	202	1203974	17.053	ng	97
30) Benzo(a)anthracene	21.27	228	801744	14.814	ng	92
31) Chrysene	21.32	228	745521	9.268	ng	94
32) Bis(2-ethylhexyl)phthalate	21.20	149	23135	0.257	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.32	276	872530	13.729	ng	99
35) Benzo(b)fluoranthene	22.99	252	1453074	24.814	ng	98
36) Benzo(k)fluoranthene	22.99	252	1453074	17.124	ng	99
37) Benzo(a)pyrene	23.62	252	858879	15.162	ng	98
38) Dibenzo(a,h)anthracene	26.32	278	180702	3.469	ng	97
39) Benzo(g,h,i)perylene	27.12	276	839483	13.103	ng	99

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

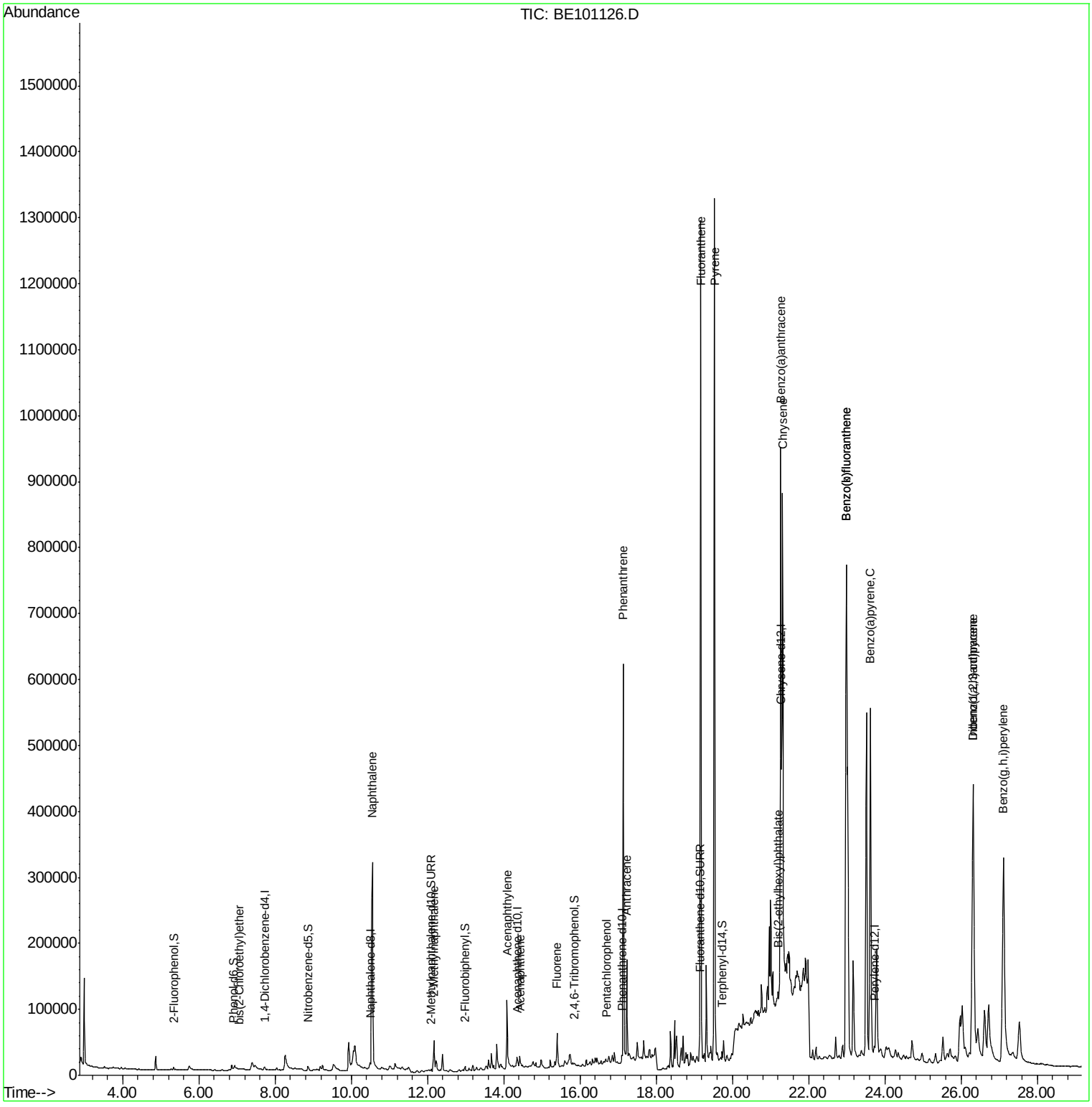
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE012220\

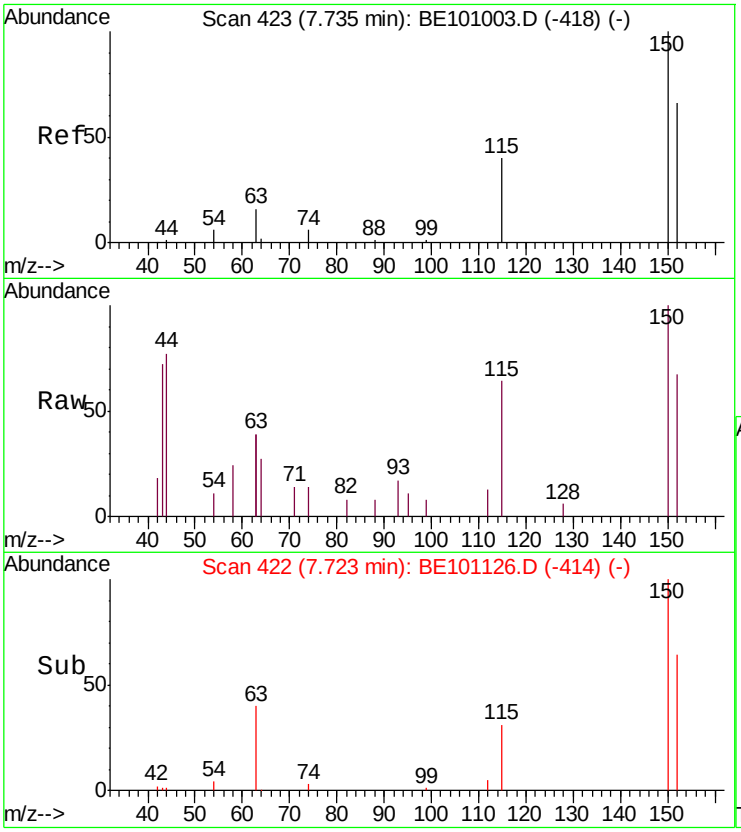
Quantitation Report (Not Reviewed)

Data File : BE101126.D
Acq On : 22 Jan 2020 22:12
Operator : CG/JU
Sample : L1148-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Quant Time: Jan 23 04:09:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



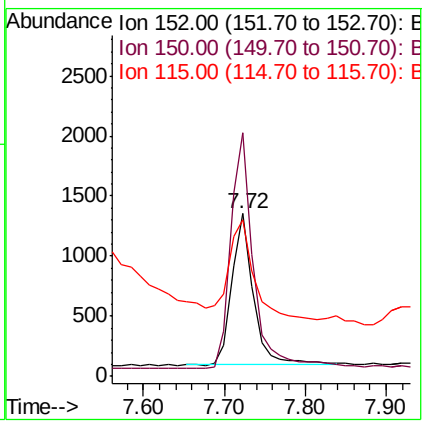


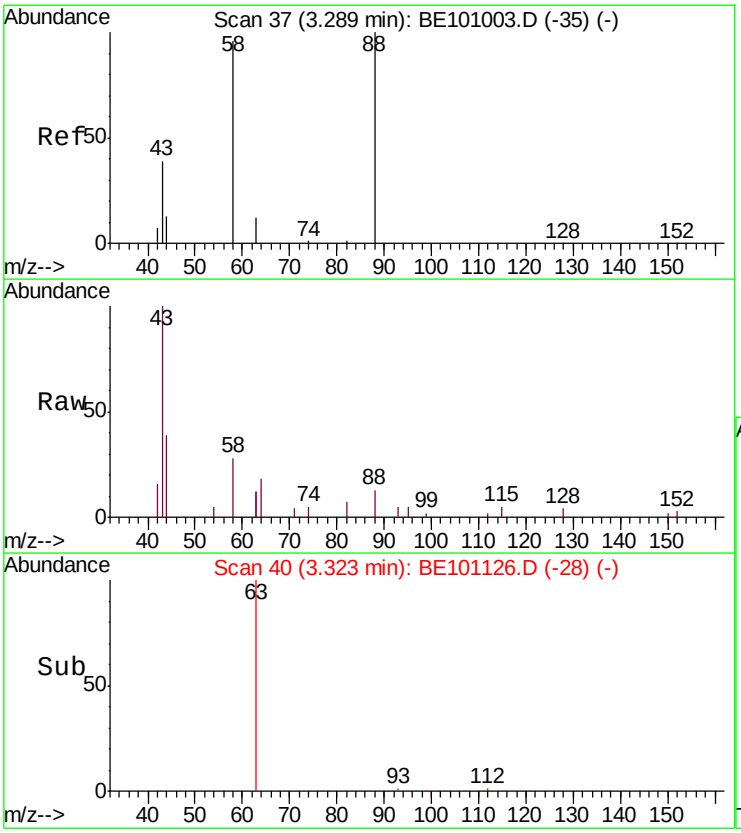
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:152 Resp: 2326

Ion	Ratio	Lower	Upper
152	100		
150	150.0	120.3	180.5
115	96.1	51.7	77.5#

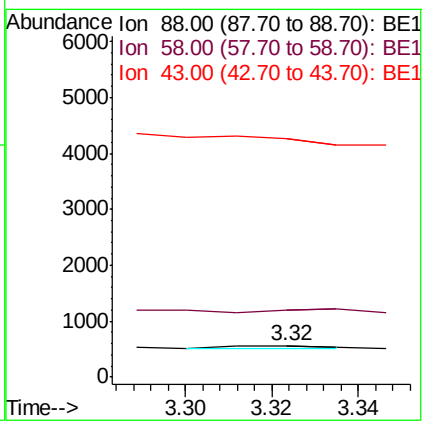


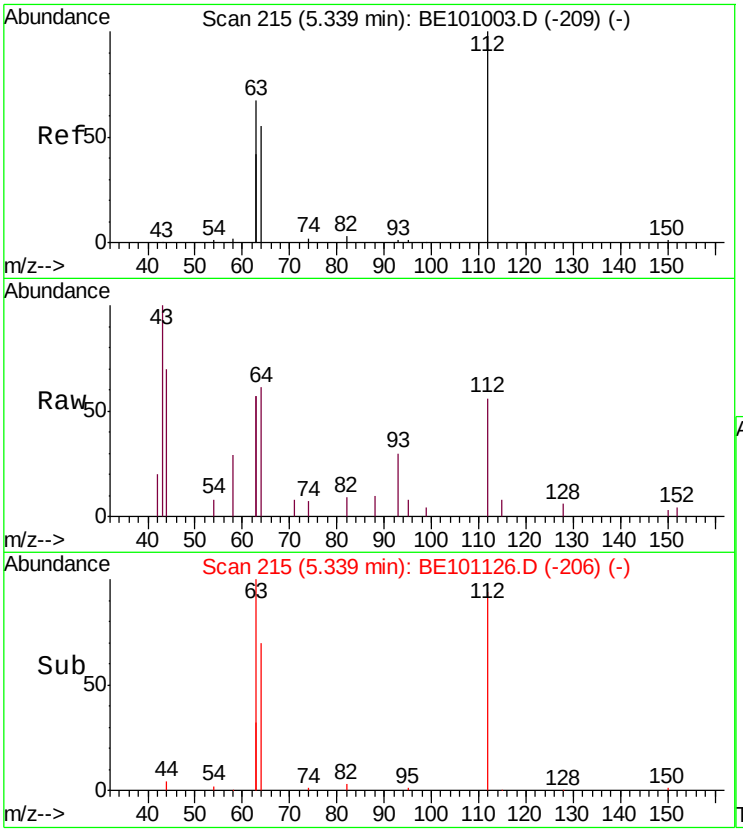


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 40
Delta R.T. 0.04 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion: 88 Resp: 82

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.0	79.4#
43	0.0	23.4	35.2#



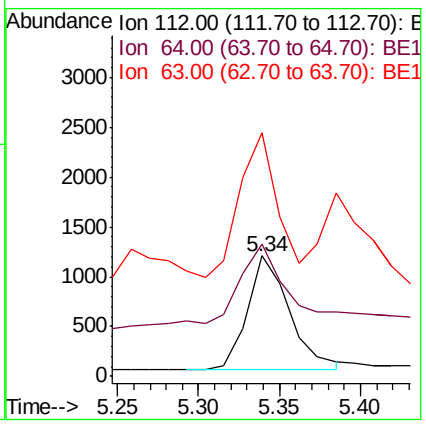


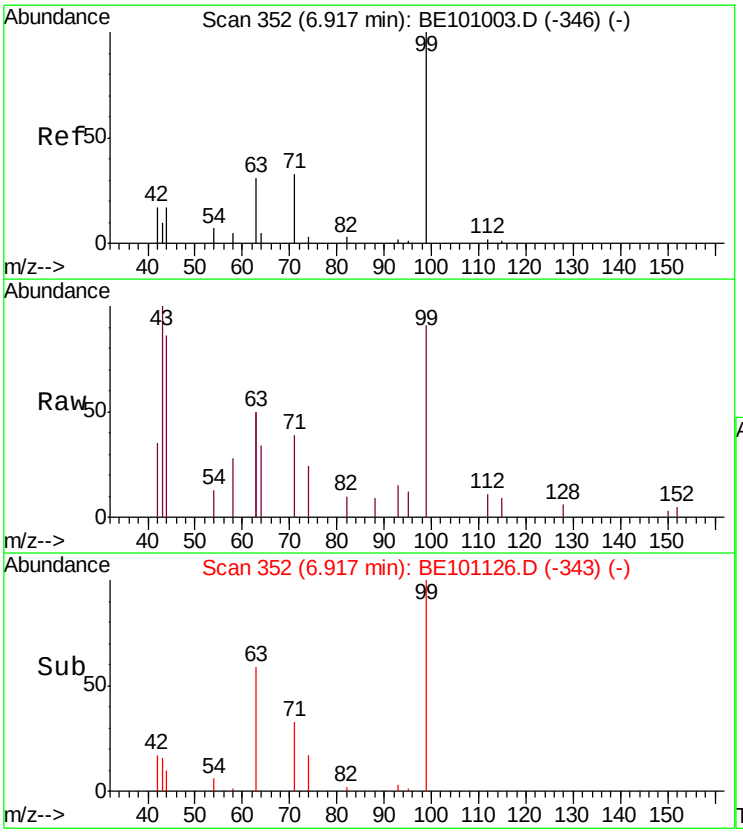
#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.34 min Scan# 215
Delta R.T. -0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:112 Resp: 2061

Ion	Ratio	Lower	Upper
112	100		
64	77.5	53.6	80.4
63	112.2	114.6	172.0#

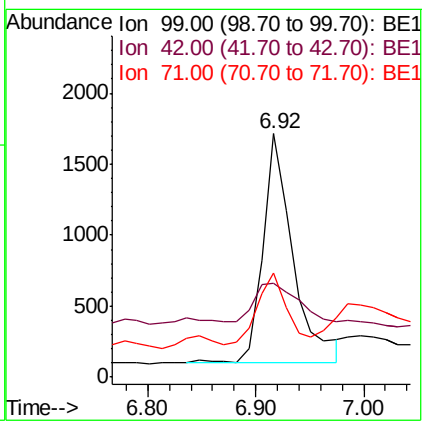


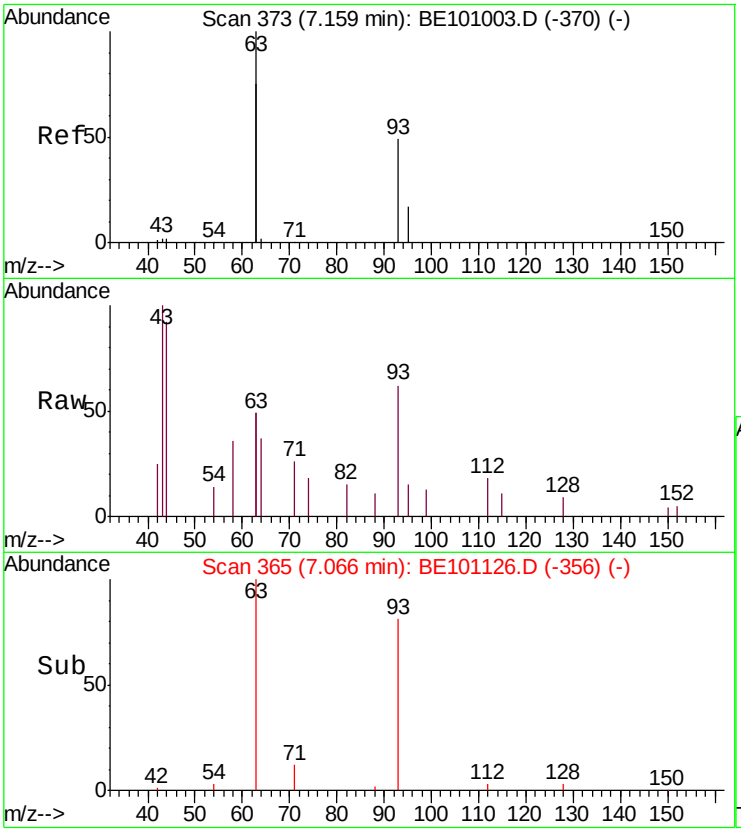


#5
Phenol-d6
Concen: 0.475 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion: 99 Resp: 3146

Ion	Ratio	Lower	Upper
99	100		
42	32.9	18.3	27.5#
71	31.1	28.0	42.0



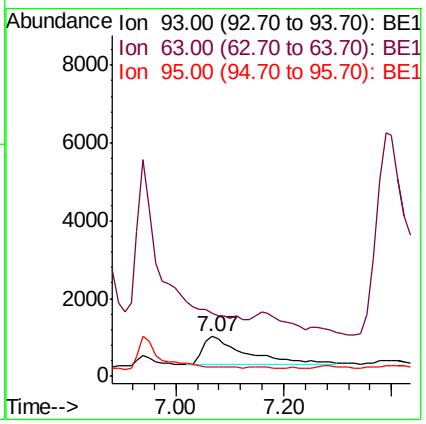


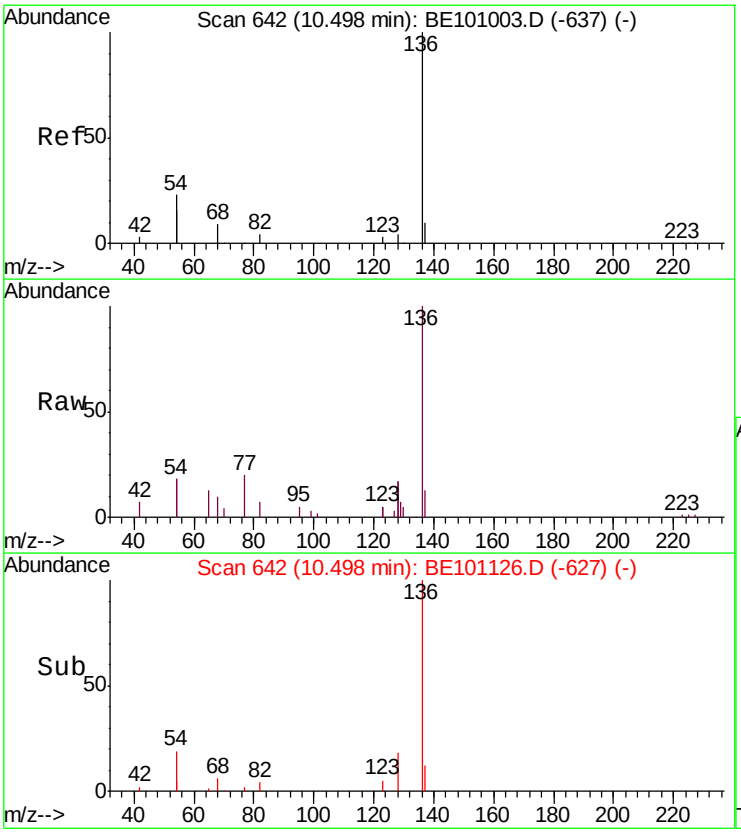
#6
bis(2-Chloroethyl)ether
Concen: 0.528 ng
RT: 7.07 min Scan# 365
Delta R.T. -0.09 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion: 93 Resp: 4165

Ion	Ratio	Lower	Upper
93	100		
63	0.0	233.9	350.9#
95	0.0	23.5	35.3#

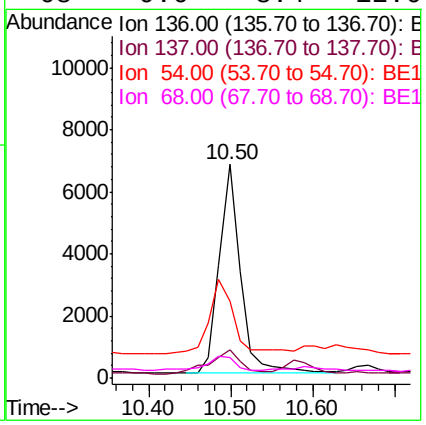


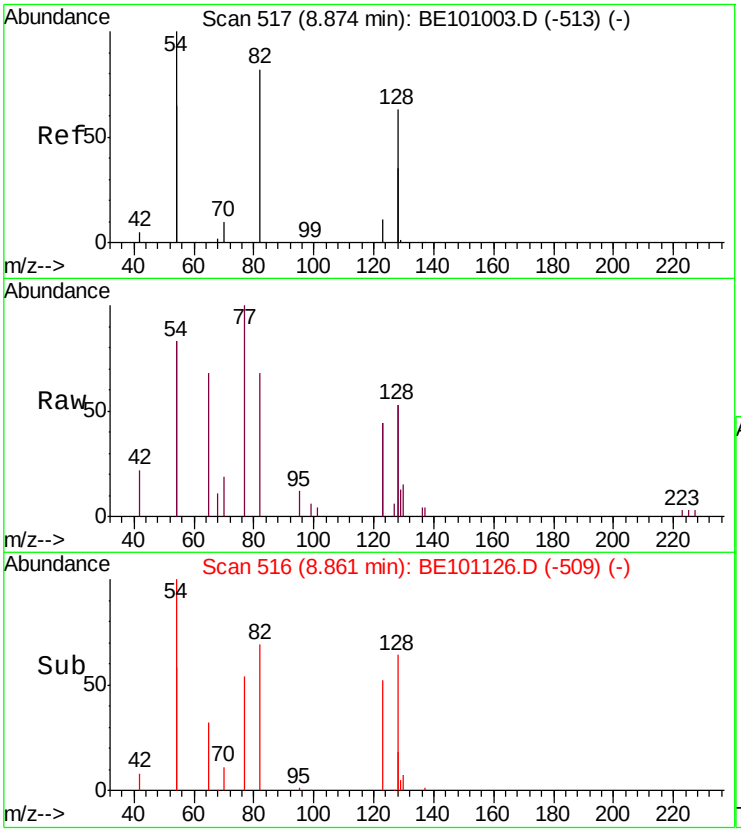


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 642
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:136 Resp: 12253

Ion	Ratio	Lower	Upper
136	100		
137	13.5	9.3	13.9
54	35.7	36.8	55.2#
68	9.6	8.4	12.6



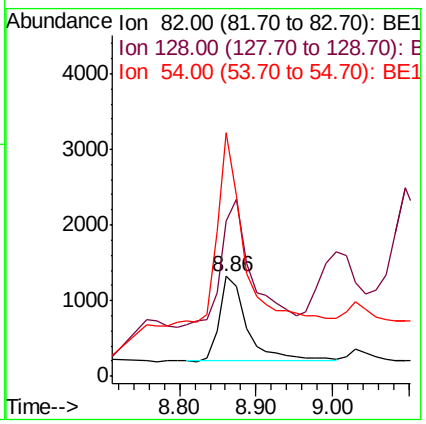


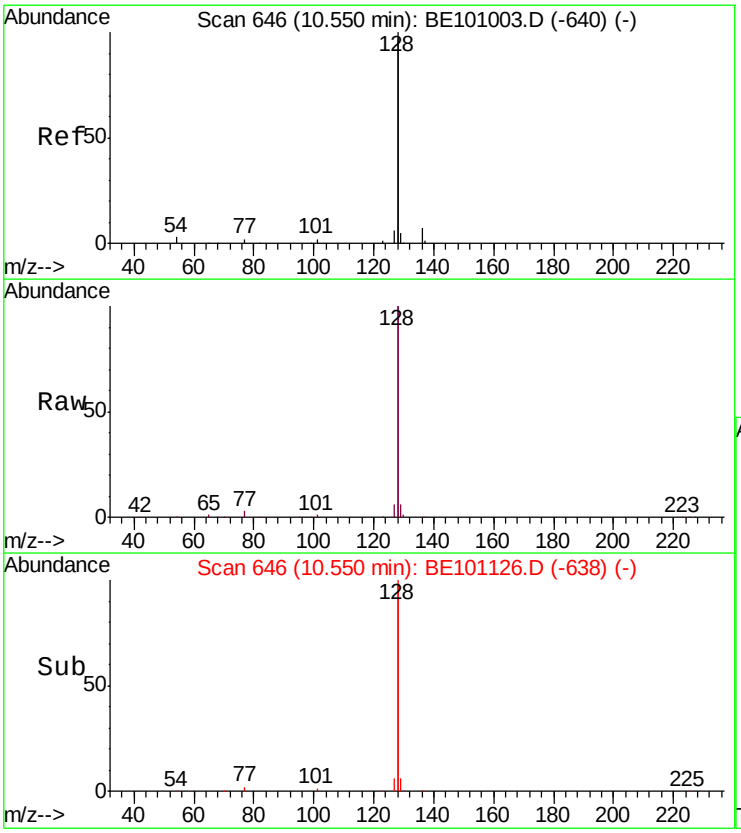
#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.86 min Scan# 516
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion: 82 Resp: 2820

Ion	Ratio	Lower	Upper
82	100		
128	156.4	109.8	164.6
54	244.3	174.5	261.7

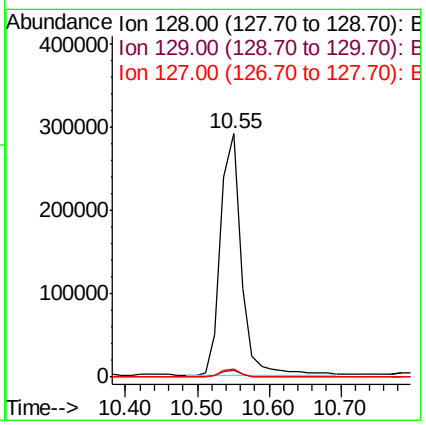


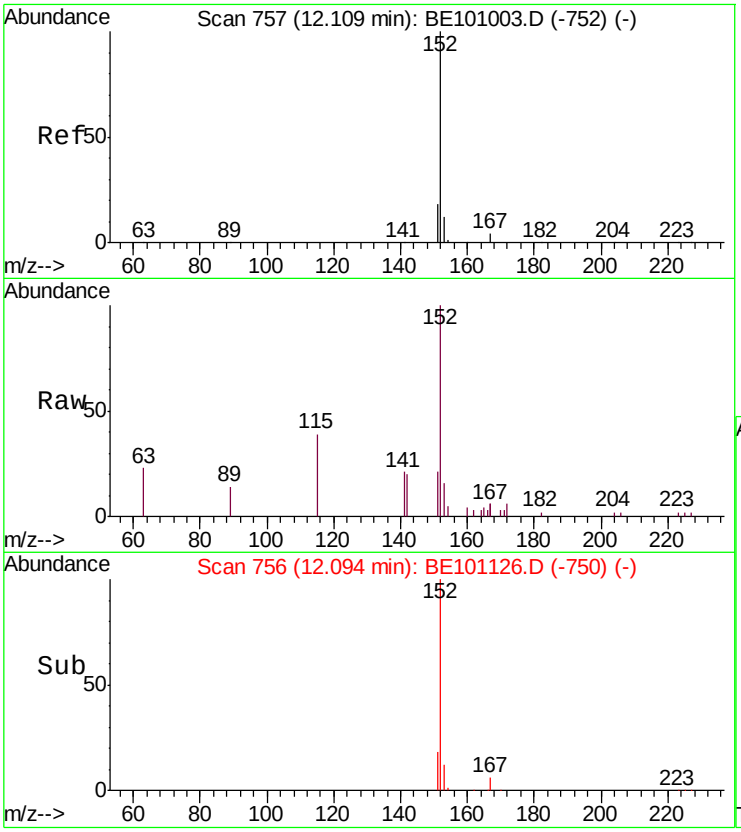


#9
Naphthalene
Concen: 4.251 ng
RT: 10.55 min Scan# 646
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:128 Resp: 578370

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.2	2.7	4.1



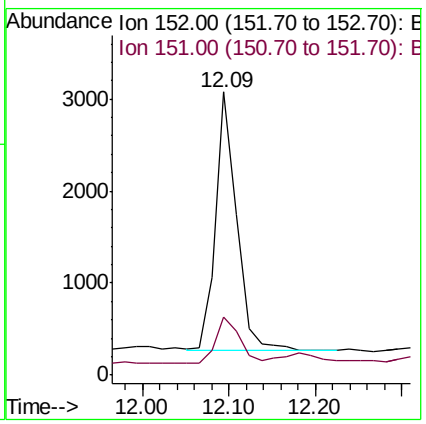


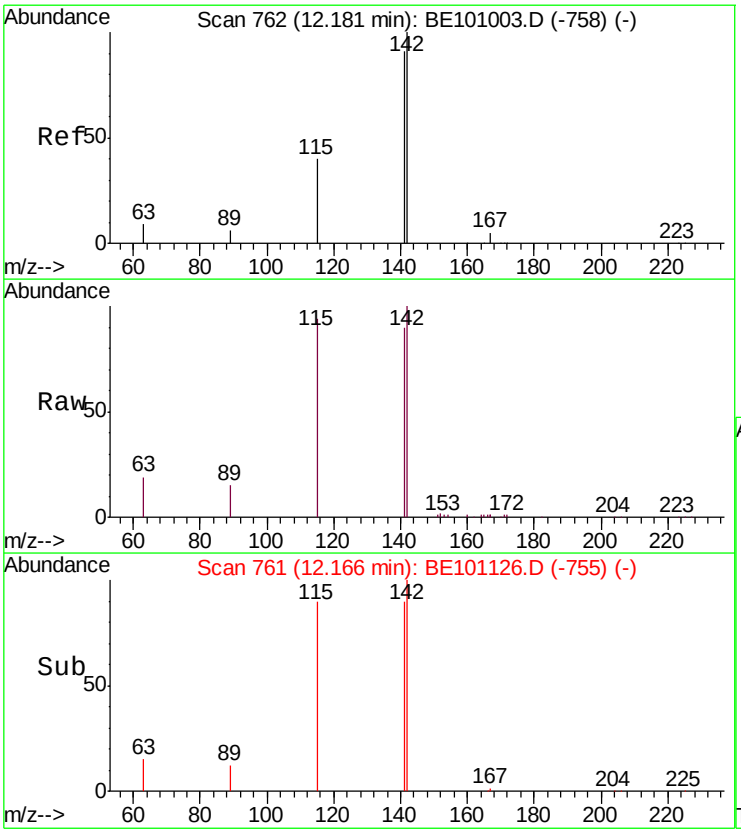
#11
2-Methylnaphthalene-d10
Concen: 0.205 ng
RT: 12.09 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:152 Resp: 4797

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6

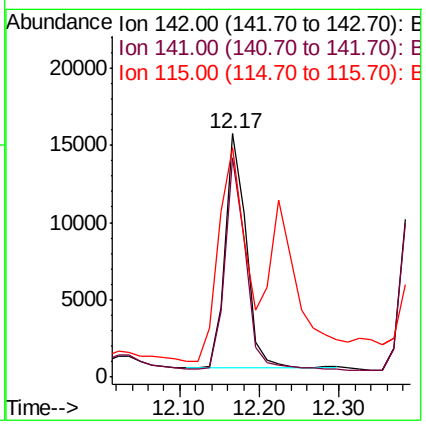


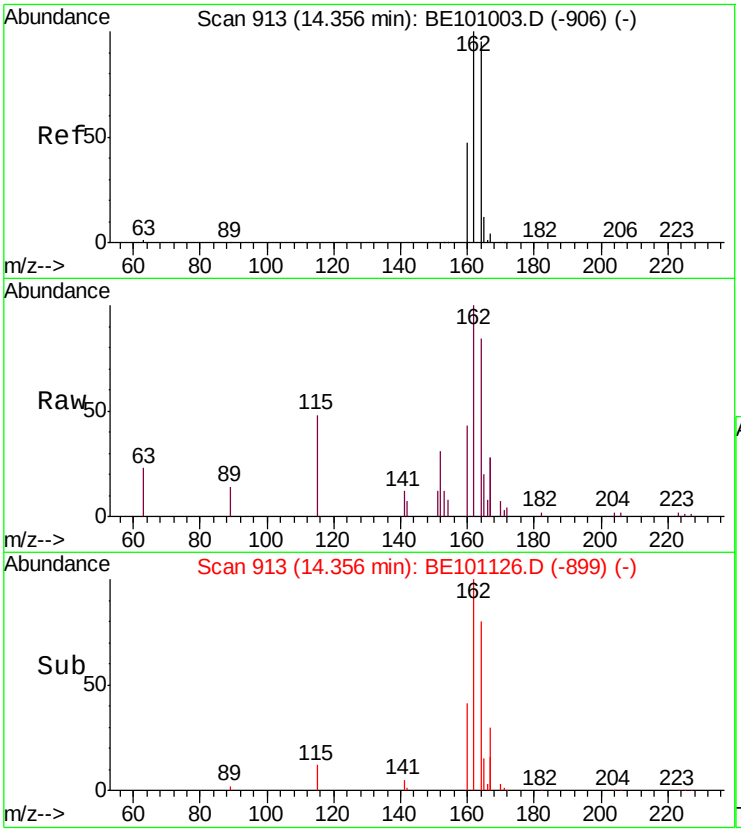


#12
2-Methylnaphthalene
Concen: 1.354 ng
RT: 12.17 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:142 Resp: 27857

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.5	108.7
115	94.3	33.0	49.6#



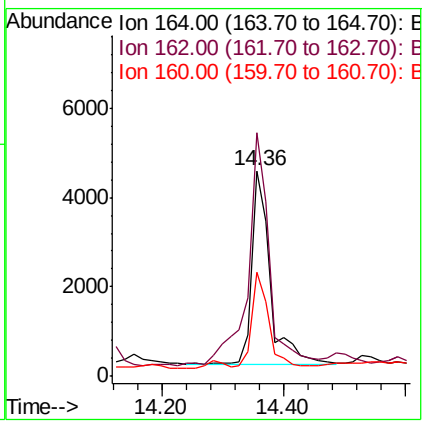


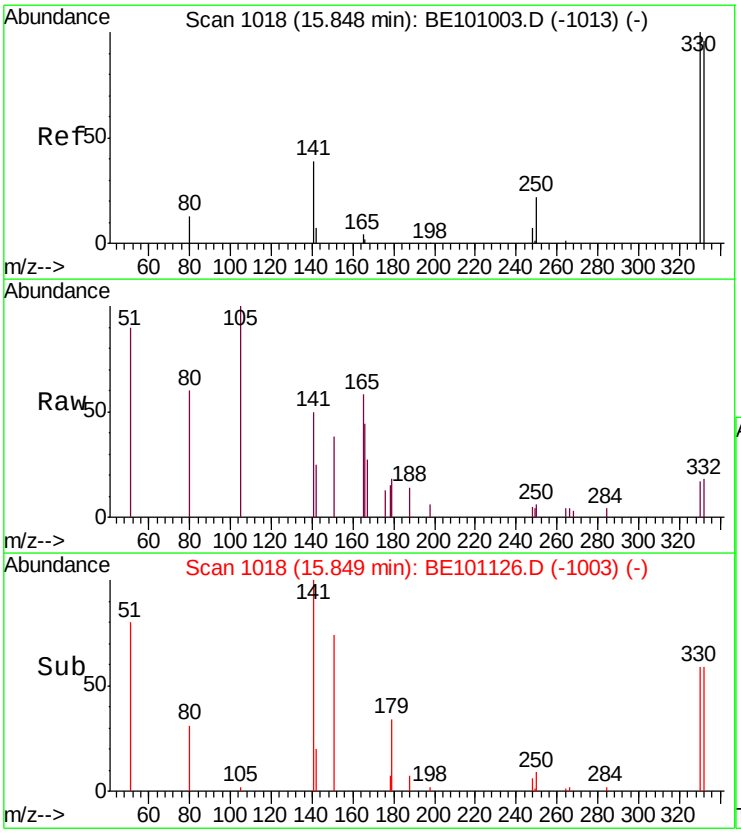
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:164 Resp: 8955

Ion	Ratio	Lower	Upper
164	100		
162	118.4	84.1	126.1
160	50.8	40.4	60.6

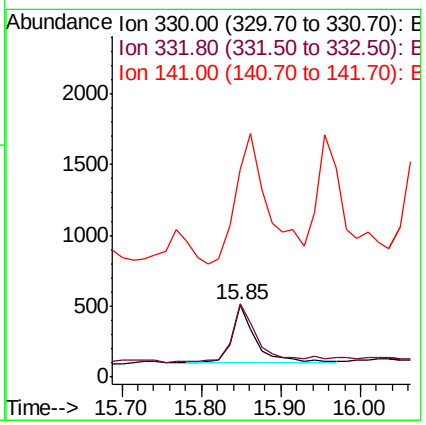


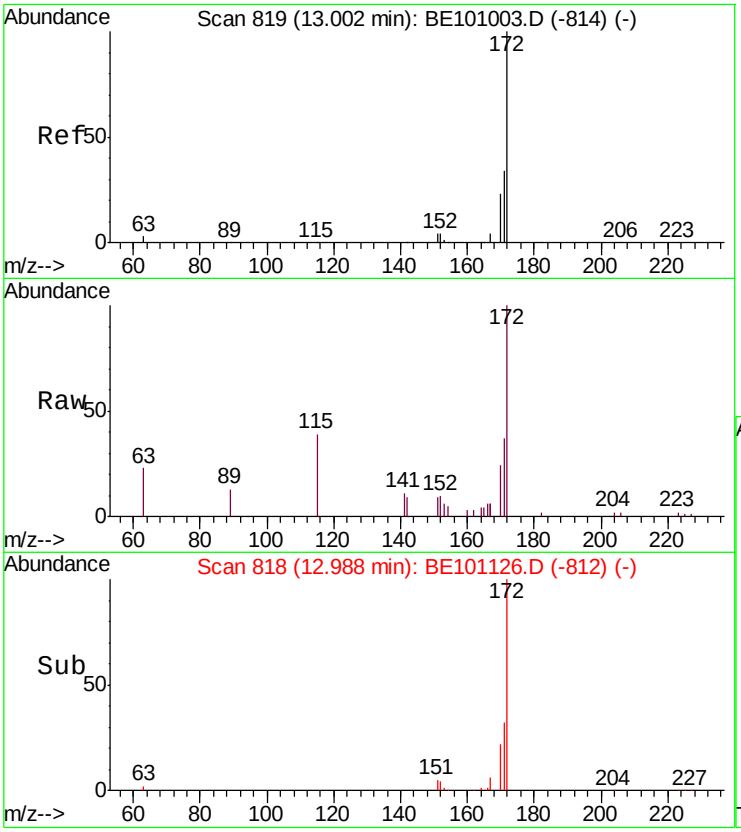


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.85 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:330 Resp: 876

Ion	Ratio	Lower	Upper
330	100		
332	105.3	78.4	117.6
141	307.5	37.0	55.4#



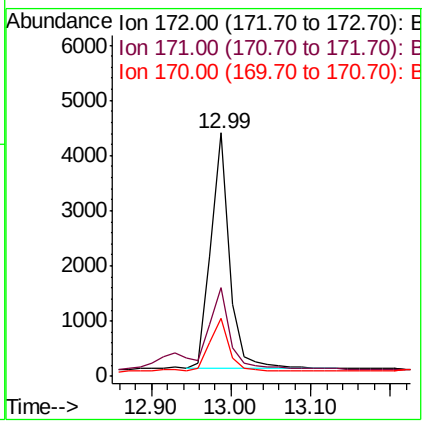


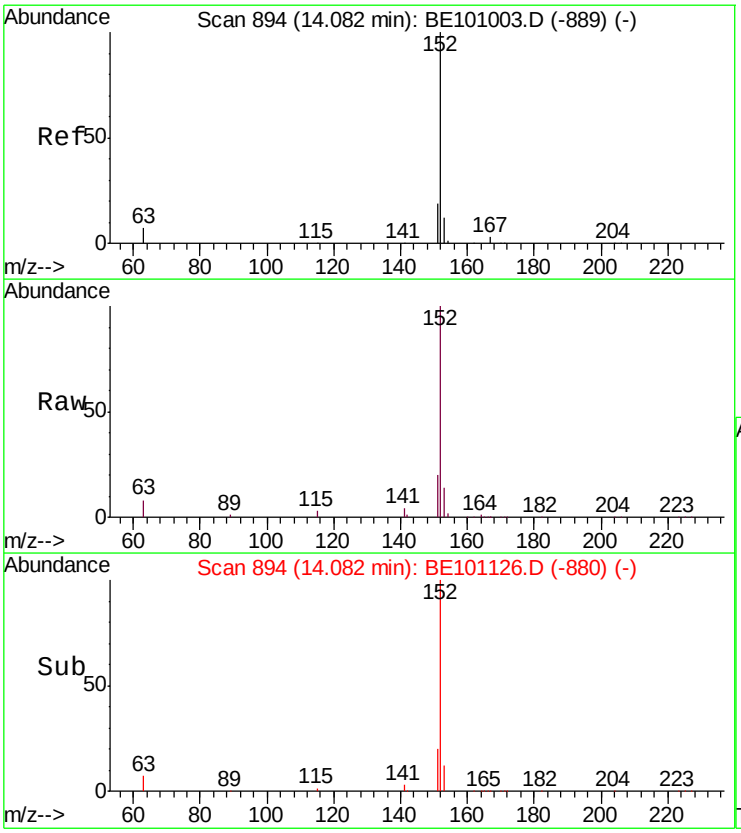
#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 12.99 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:172 Resp: 7000

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.2	42.2
170	23.9	18.9	28.3

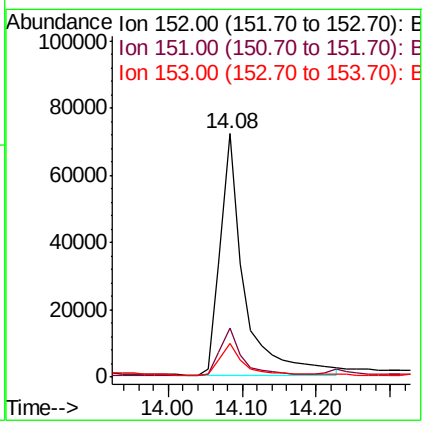


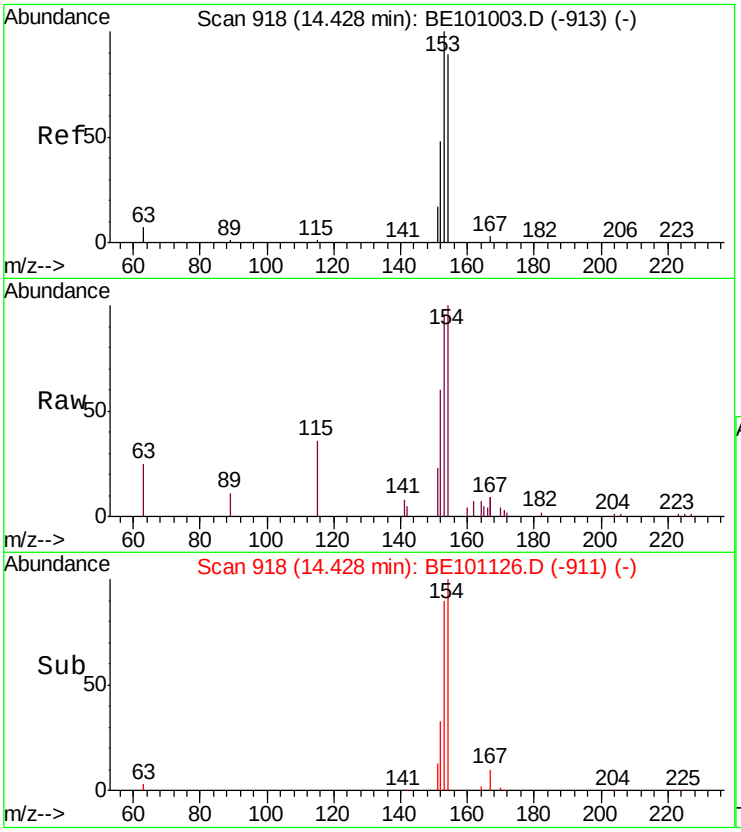


#16
Acenaphthylene
Concen: 4.415 ng
RT: 14.08 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:152 Resp: 161030

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.8	10.4	15.6



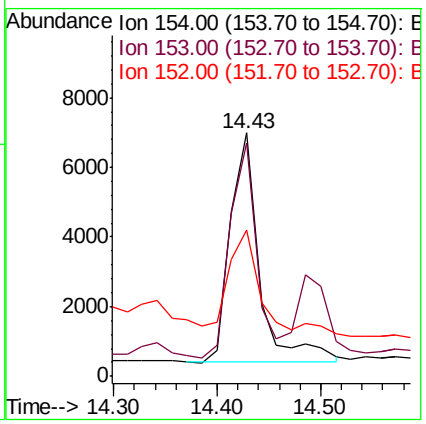


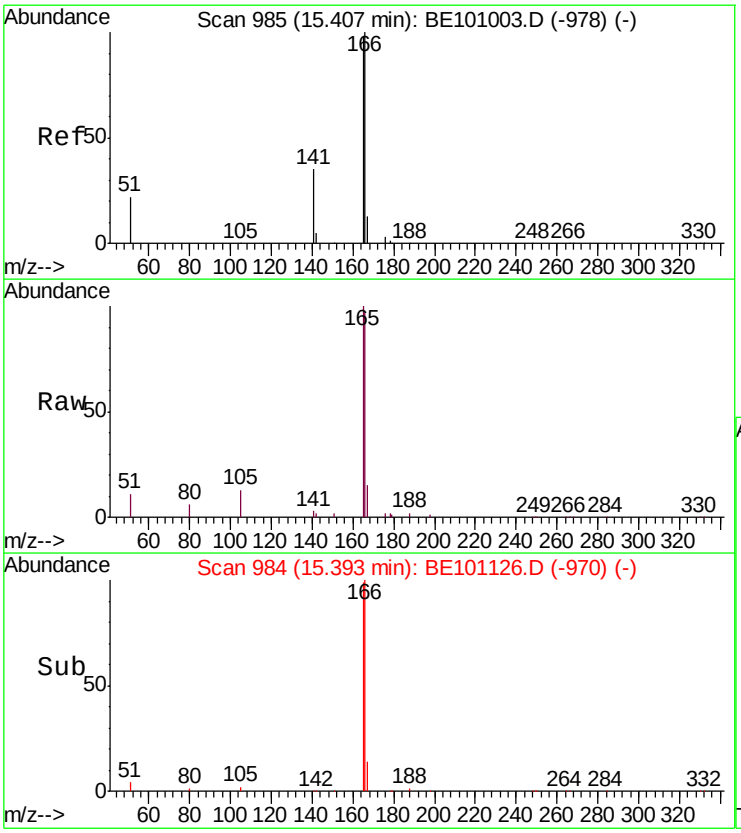
#17
Acenaphthene
Concen: 0.490 ng
RT: 14.43 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:154 Resp: 12797

Ion	Ratio	Lower	Upper
154	100		
153	85.6	93.6	140.4#
152	48.6	46.3	69.5

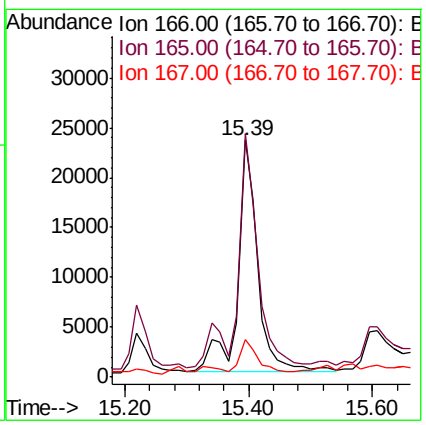


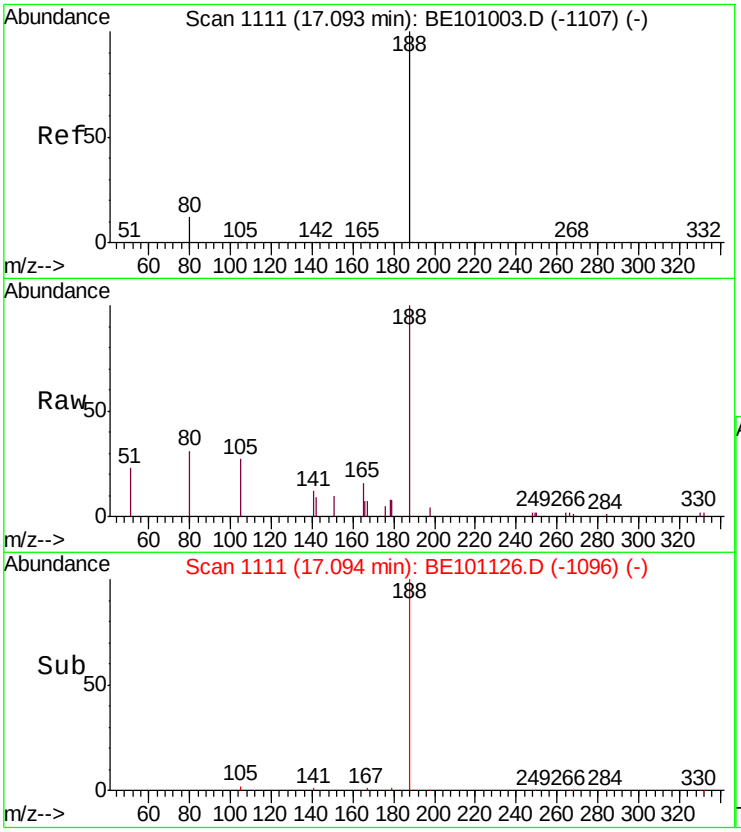


#18
Fluorene
Concen: 1.557 ng
RT: 15.39 min Scan# 984
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:166 Resp: 51394

Ion	Ratio	Lower	Upper
166	100		
165	87.4	79.8	119.8
167	12.1	11.0	16.6



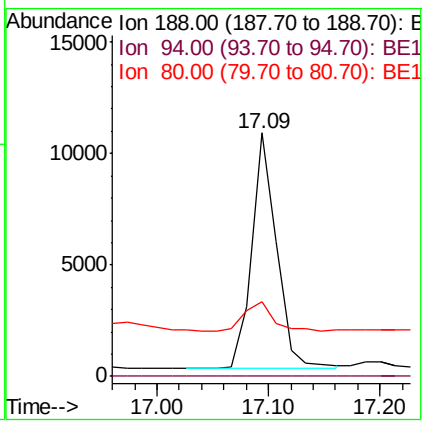


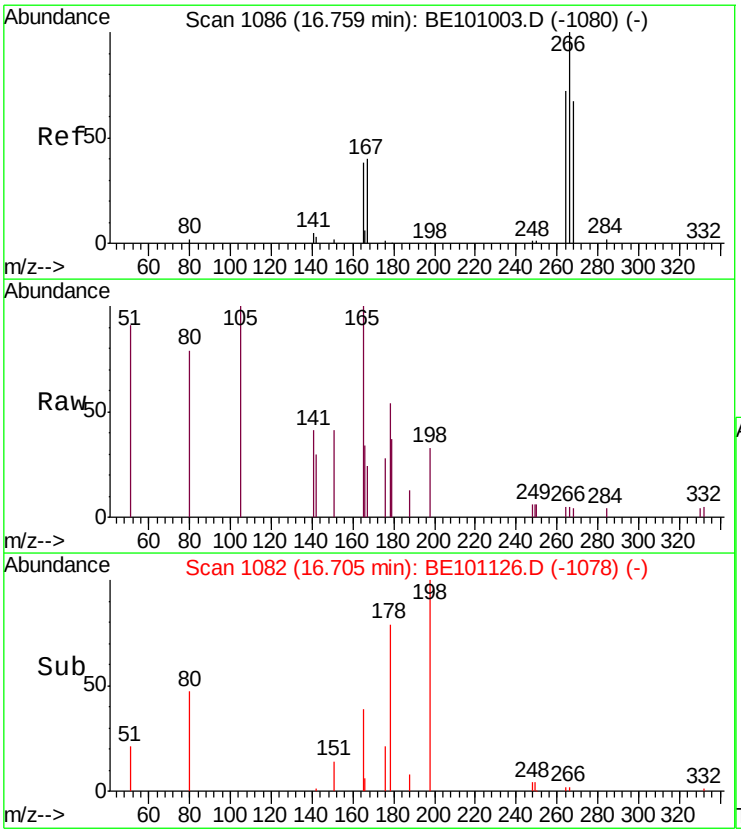
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:188 Resp: 16533

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	30.8	10.8	16.2#

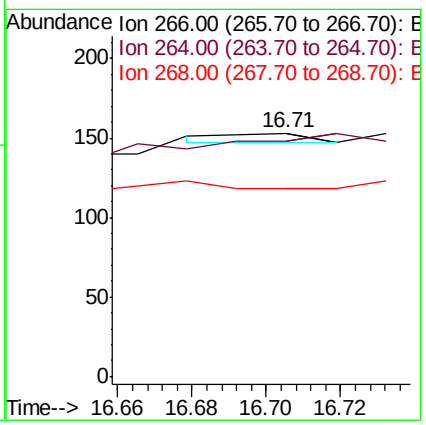


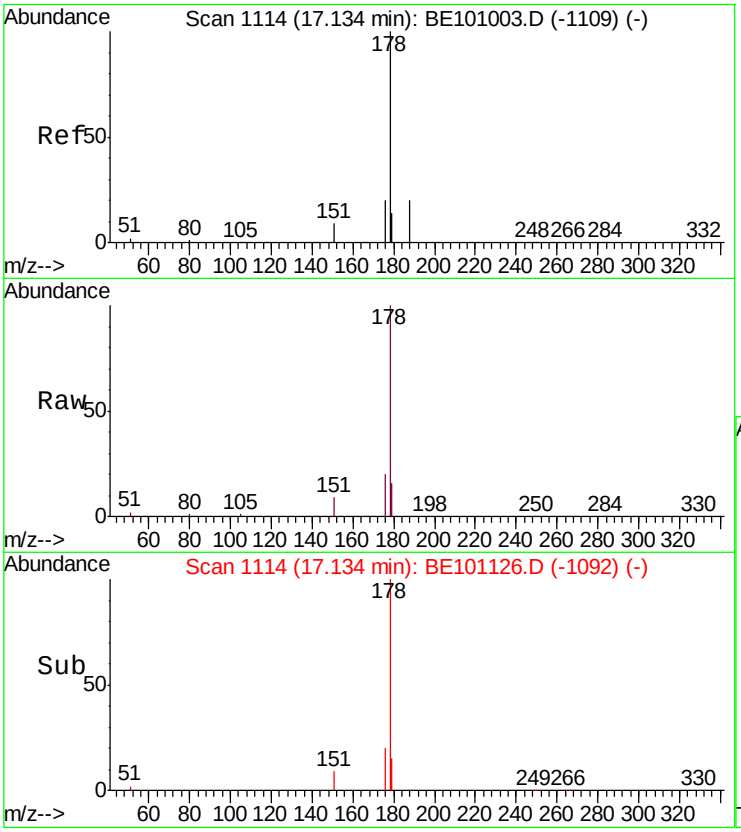


#22
Pentachlorophenol
Concen: 0.253 ng
RT: 16.71 min Scan# 1082
Delta R.T. -0.05 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
264	96.7	61.0	91.4#
268	77.1	58.5	87.7



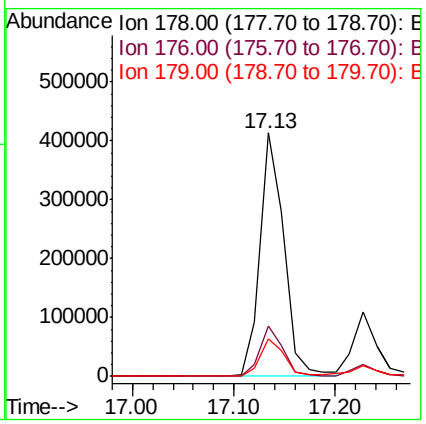


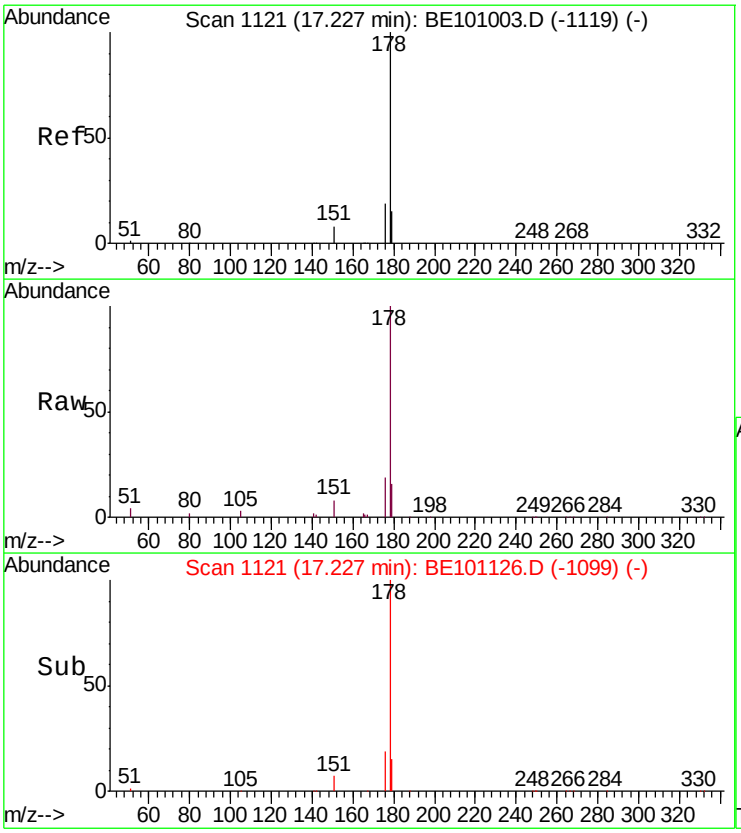
#23
Phenanthrene
Concen: 15.153 ng
RT: 17.13 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:178 Resp: 684118

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.4	12.0	18.0

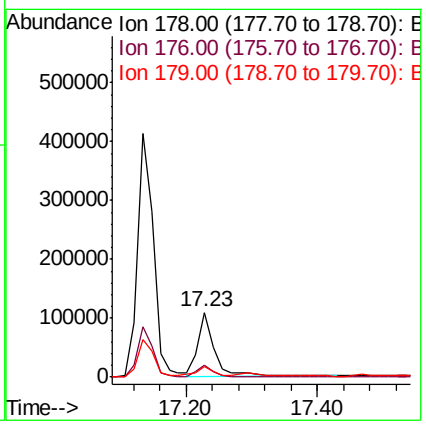


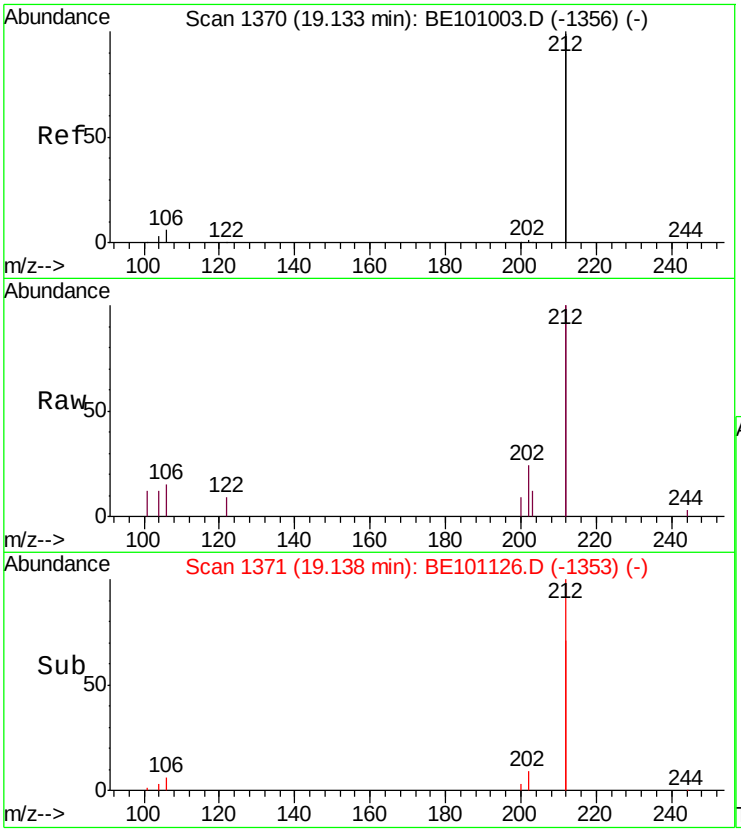


#24
Anthracene
Concen: 4.421 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:178 Resp: 188337

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.0	12.4	18.6



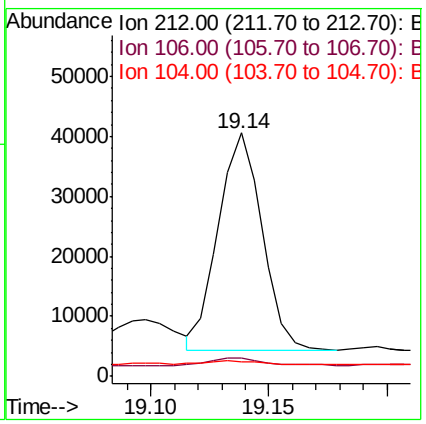


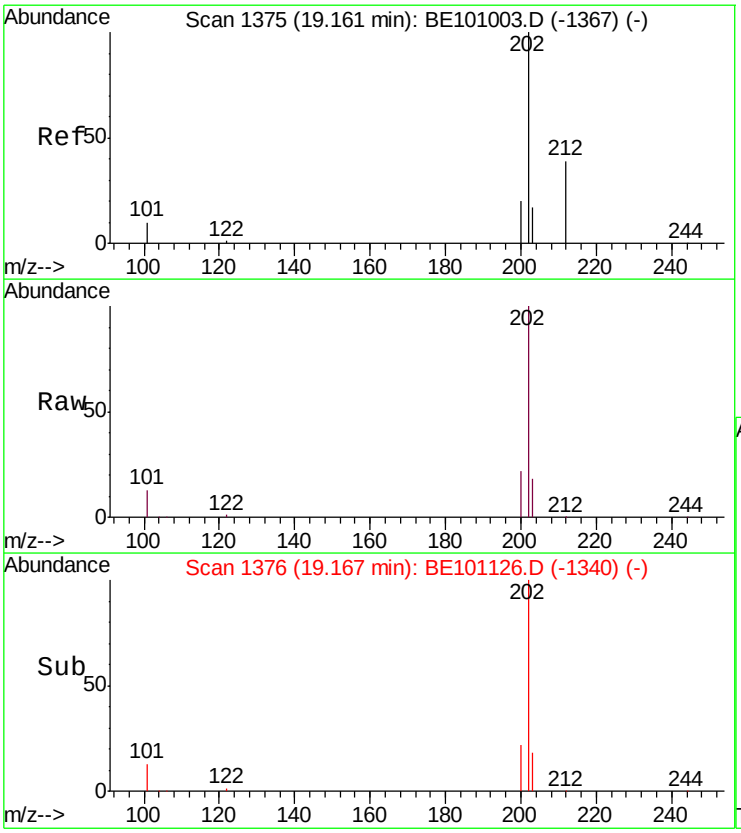
#25
Fluoranthene-d10
Concen: 0.203 ng
RT: 19.14 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:212 Resp: 46674

Ion	Ratio	Lower	Upper
212	100		
106	4.3	2.6	3.8#
104	2.5	1.4	2.0#

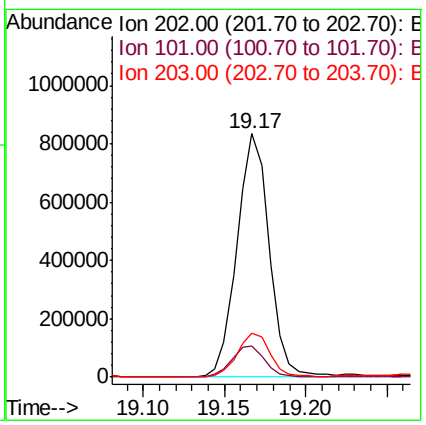


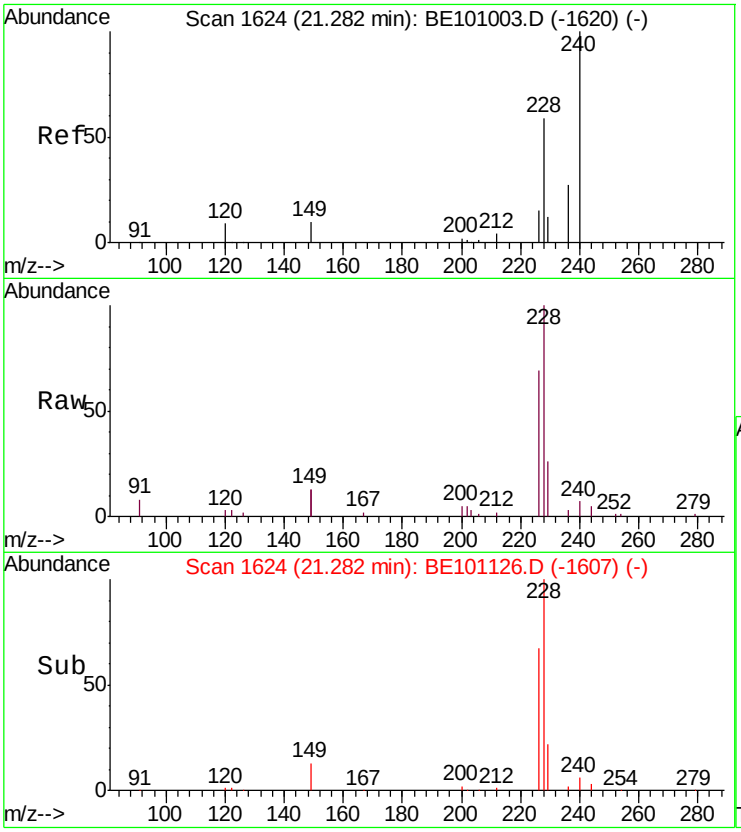


#26
Fluoranthene
Concen: 20.189 ng
RT: 19.17 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:202 Resp: 1141476

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.6	14.4
203	17.9	13.8	20.6



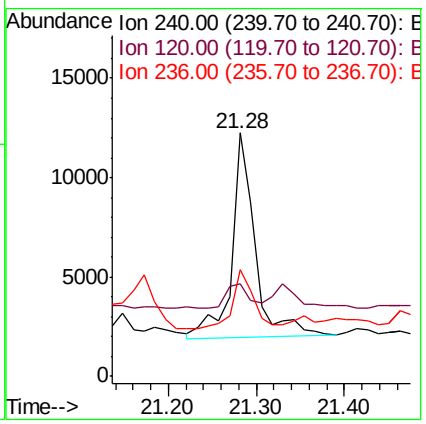


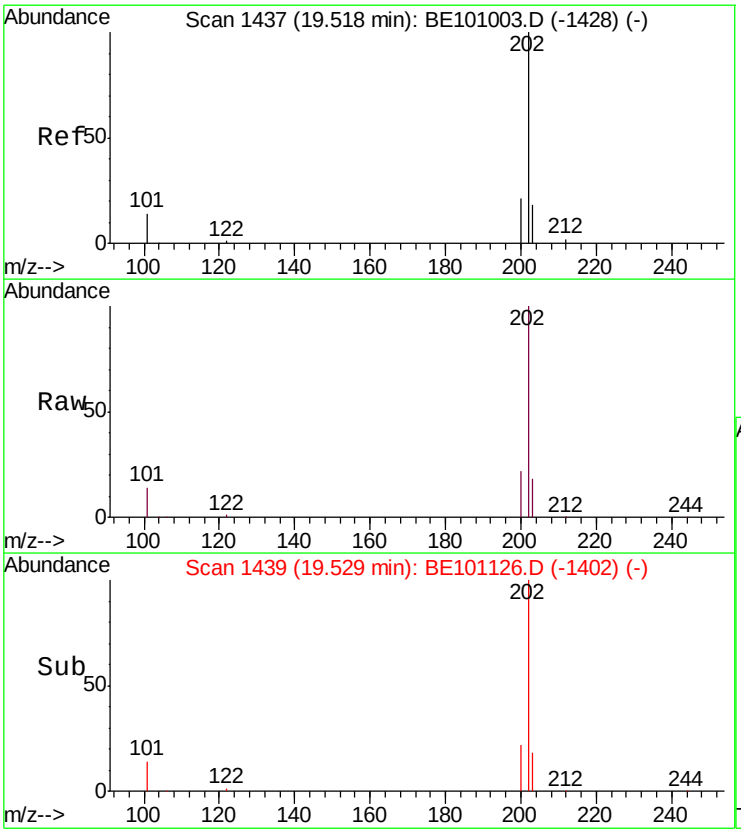
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:240 Resp: 18967

Ion	Ratio	Lower	Upper
240	100		
120	38.0	8.6	13.0#
236	43.8	22.2	33.4#

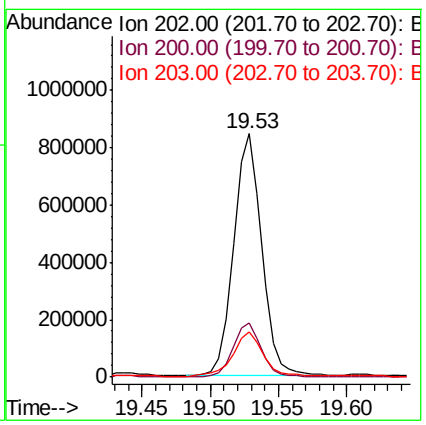


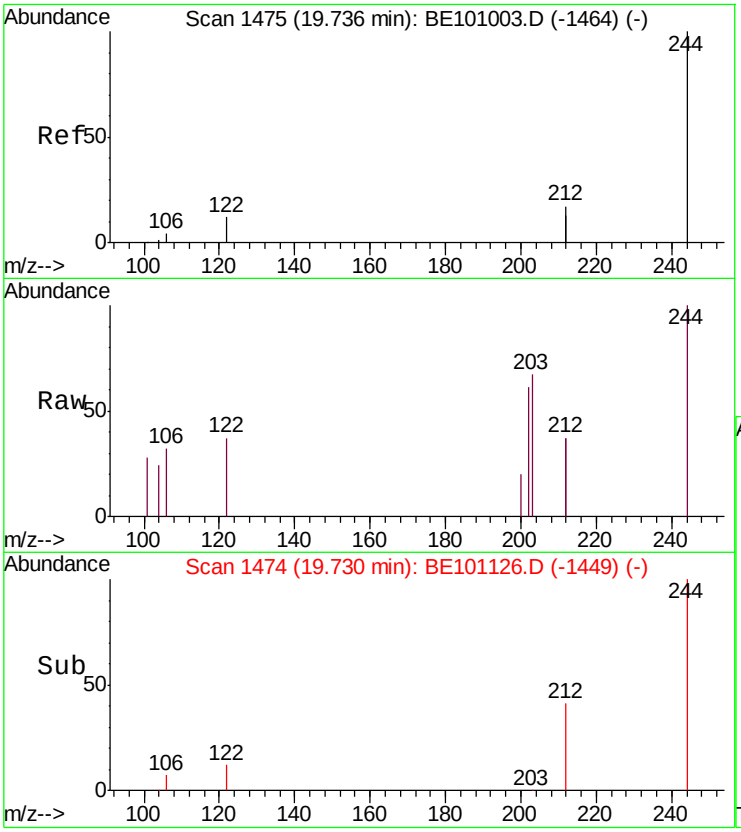


#28
Pyrene
Concen: 17.053 ng
RT: 19.53 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:202 Resp: 1203974

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	19.3	13.8	20.6



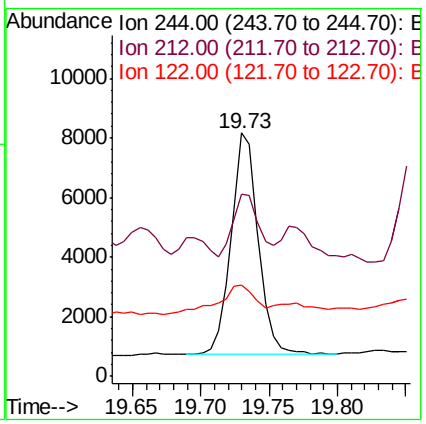


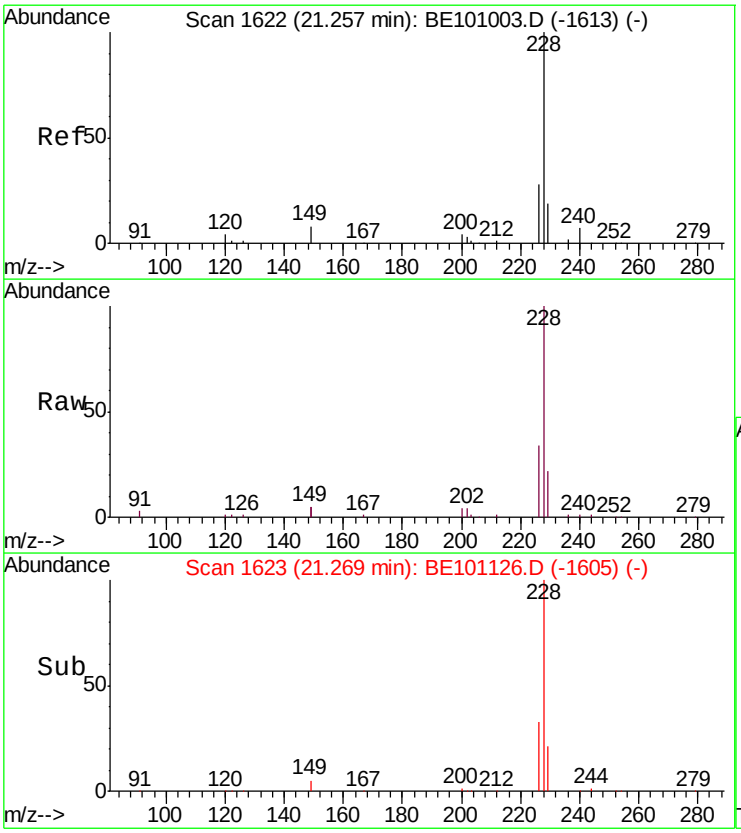
#29
Terphenyl-d14
Concen: 0.221 ng
RT: 19.73 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:244 Resp: 10286

Ion	Ratio	Lower	Upper
244	100		
212	75.0	27.2	40.8#
122	37.4	9.8	14.8#

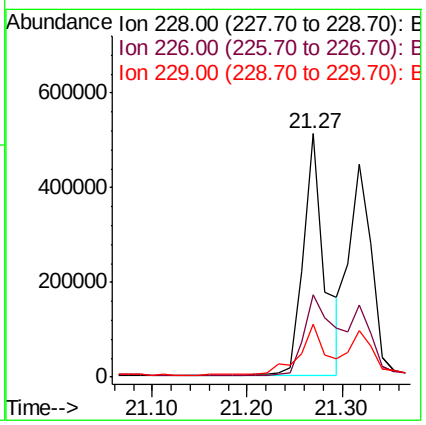


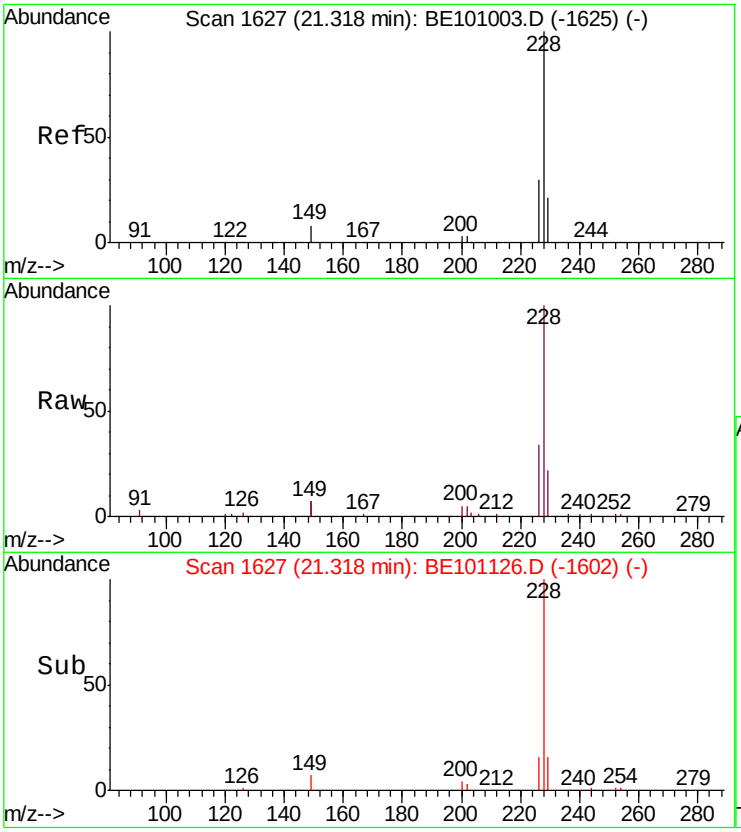


#30
Benzo(a)anthracene
Concen: 14.814 ng
RT: 21.27 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:228 Resp: 801744

Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.7	34.1
229	21.7	15.5	23.3



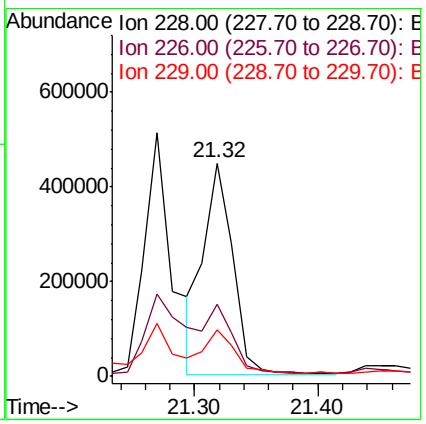


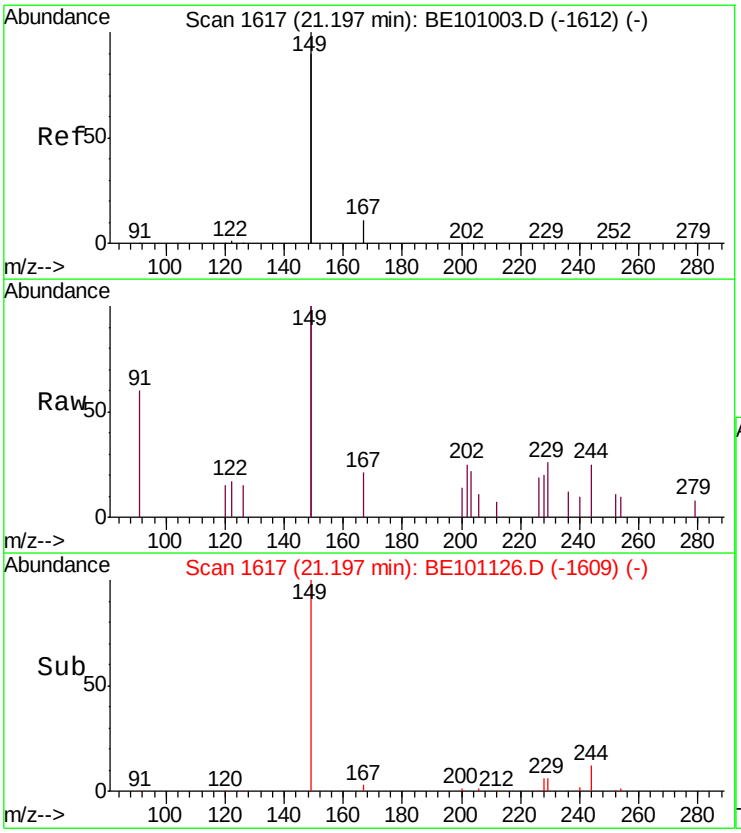
#31
Chrysene
Concen: 9.268 ng
RT: 21.32 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:228 Resp: 745521

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.5	35.3
229	21.8	16.7	25.1

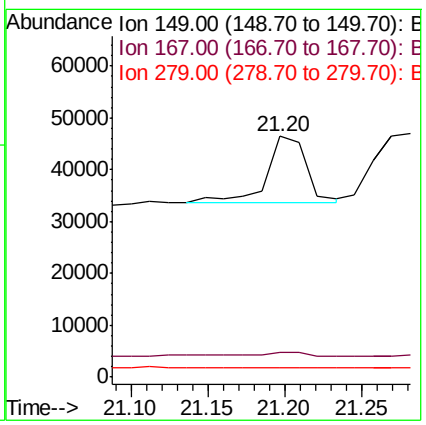


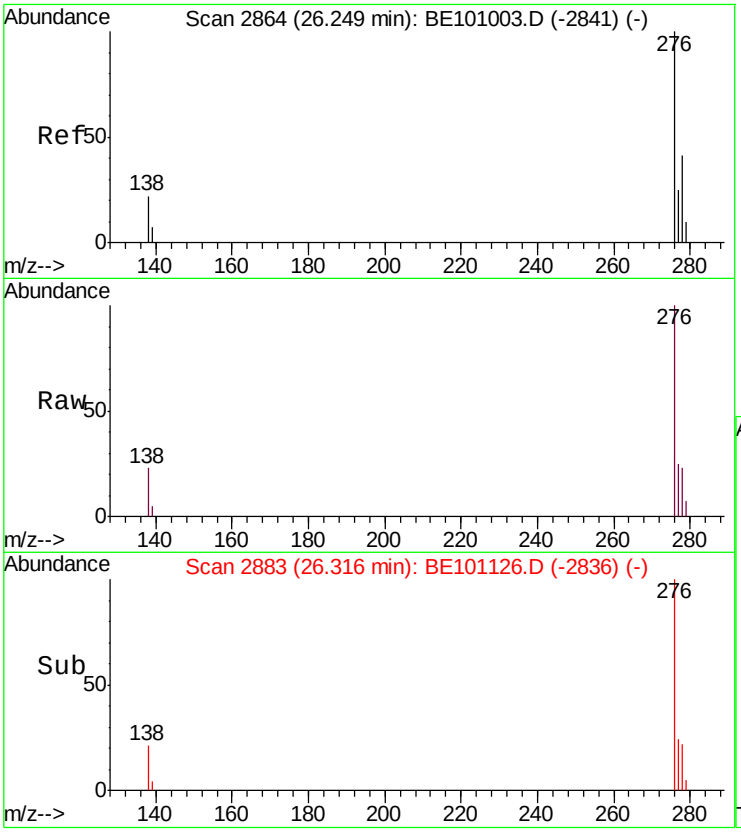


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.257 ng
RT: 21.20 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:149 Resp: 23135

Ion	Ratio	Lower	Upper
149	100		
167	8.0	5.2	7.8#
279	2.1	0.8	1.2#



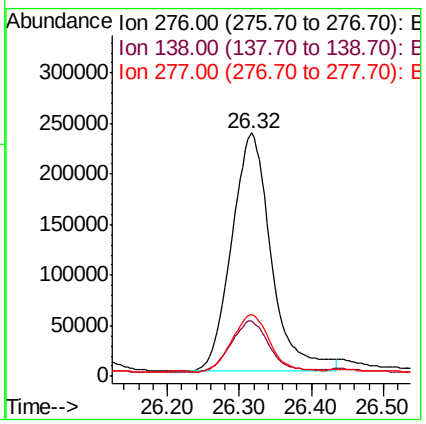


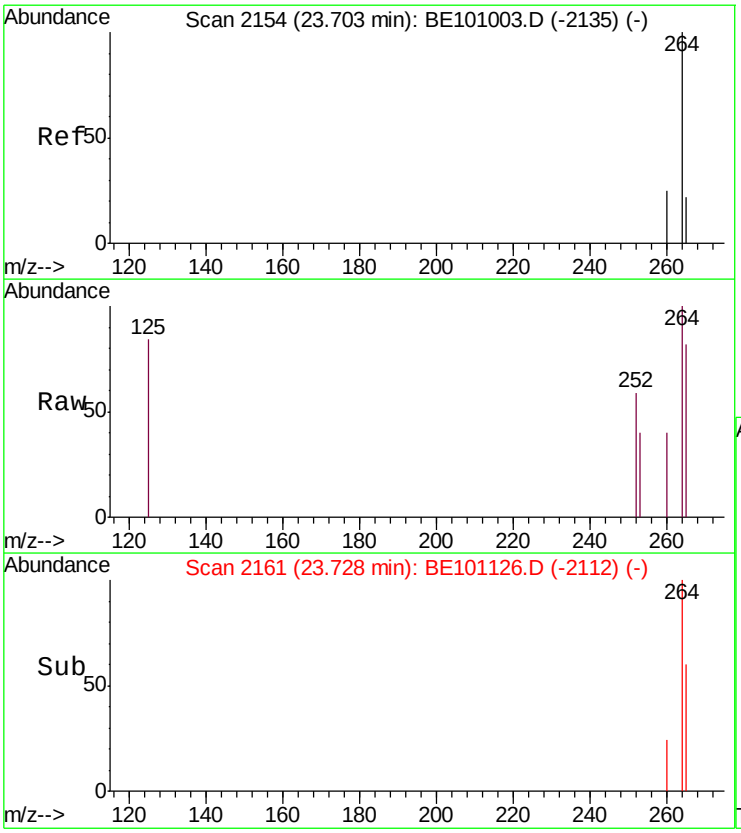
#33
Indeno(1,2,3-cd)pyrene
Concen: 13.729 ng
RT: 26.32 min Scan# 2883
Delta R.T. 0.07 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:276 Resp: 872530

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.1	24.1
277	22.8	18.1	27.1

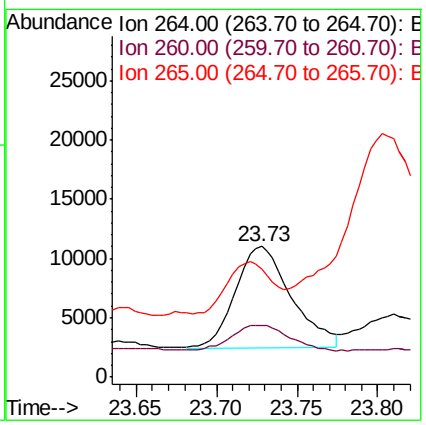


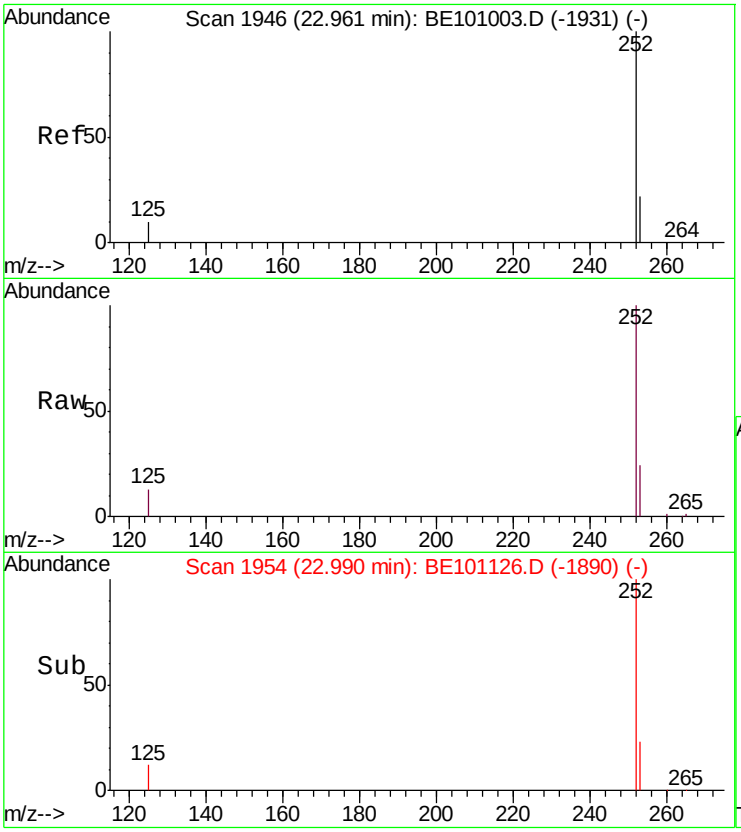


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.03 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:264 Resp: 20880

Ion	Ratio	Lower	Upper
264	100		
260	39.8	20.3	30.5#
265	82.1	27.0	40.4#



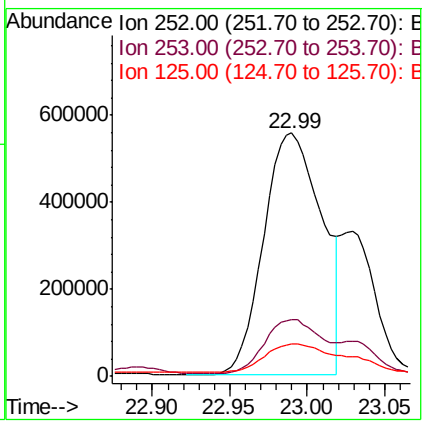


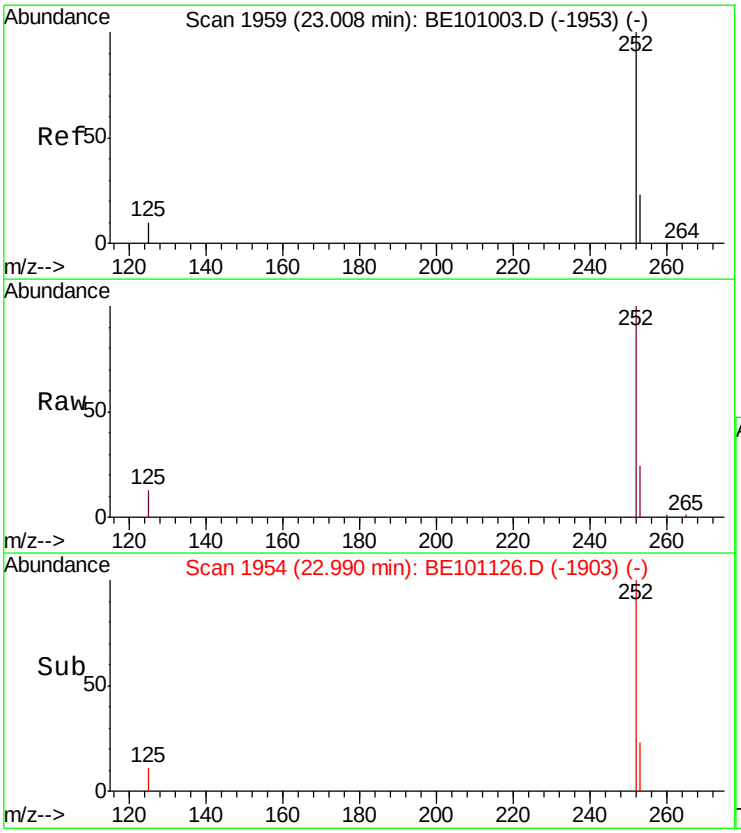
#35
Benzo(b)fluoranthene
Concen: 24.814 ng
RT: 22.99 min Scan# 1954
Delta R.T. 0.03 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:252 Resp: 1453074

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	13.2	9.5	14.3

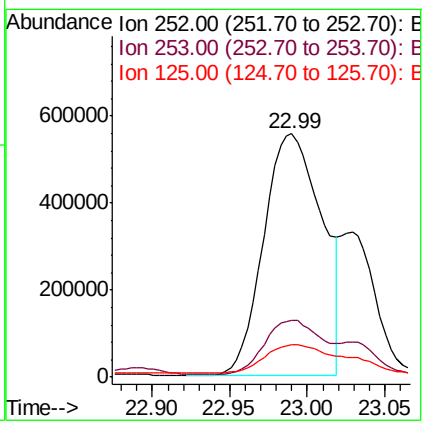


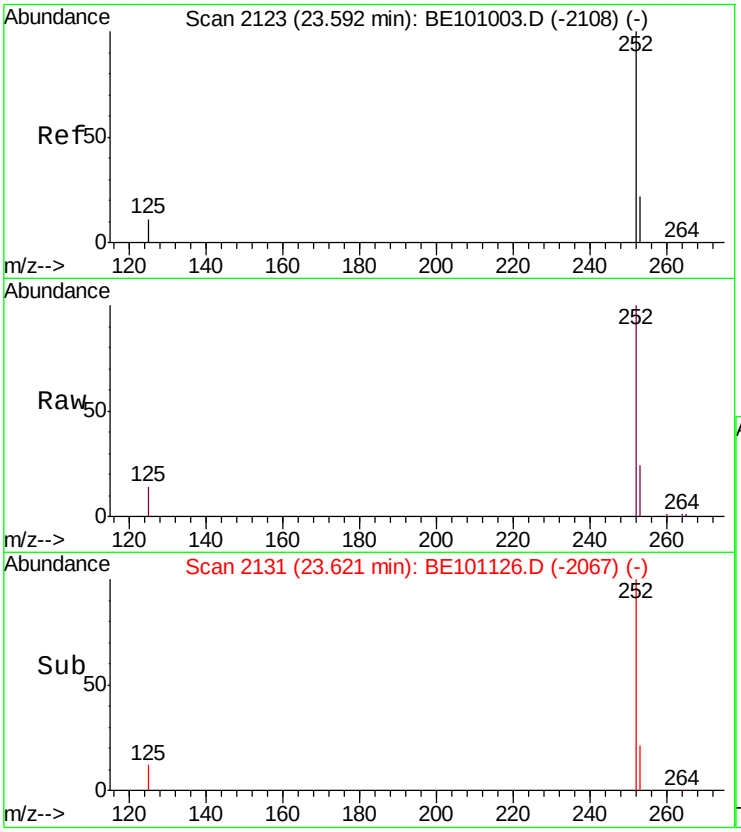


#36
Benzo(k)fluoranthene
Concen: 17.124 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:252 Resp: 1453074

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	13.2	10.1	15.1



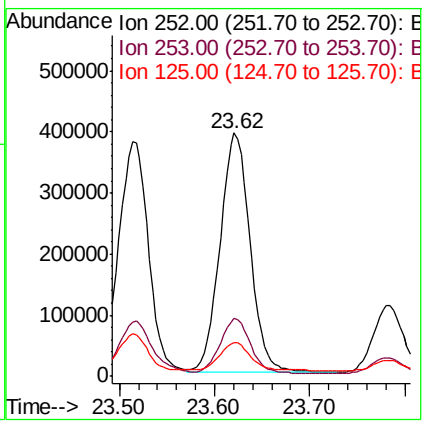


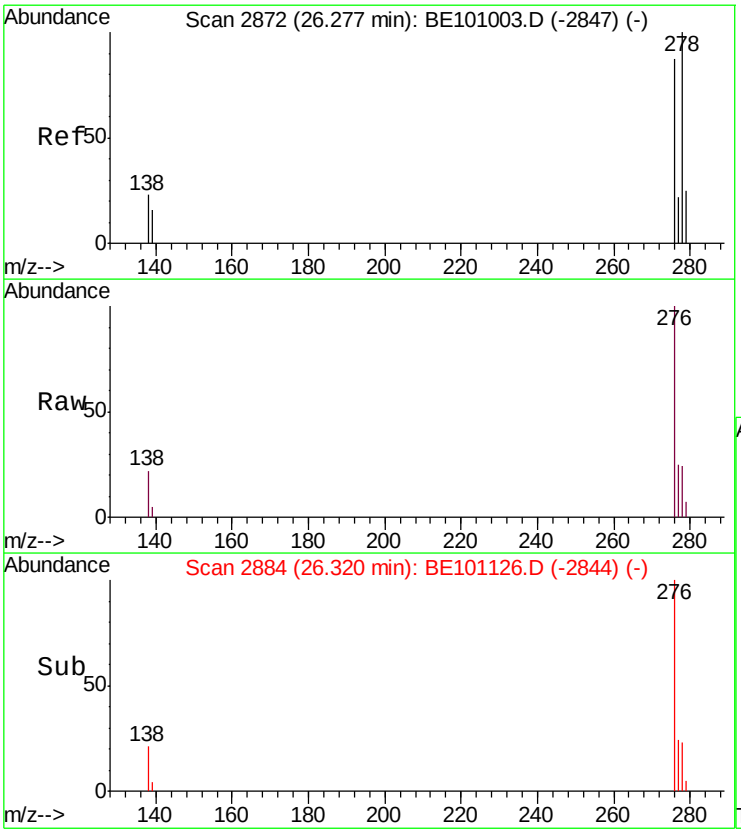
#37
Benzo(a)pyrene
Concen: 15.162 ng
RT: 23.62 min Scan# 2131
Delta R.T. 0.03 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:252 Resp: 858879

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	13.9	11.8	17.6

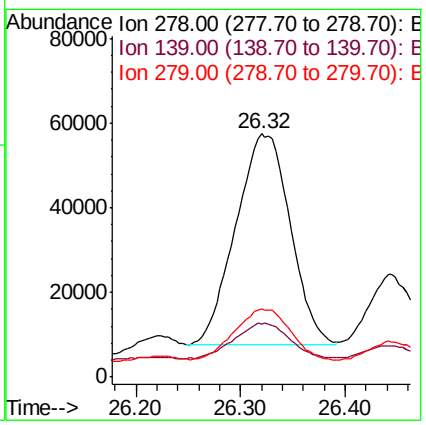


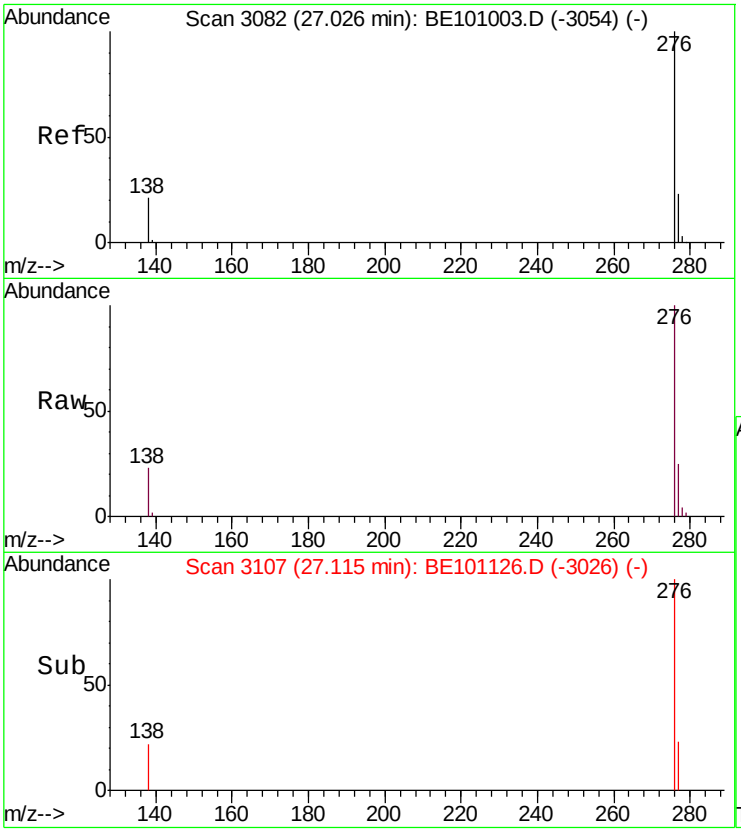


#38
Dibenzo(a,h)anthracene
Concen: 3.469 ng
RT: 26.32 min Scan# 2884
Delta R.T. 0.04 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Tgt Ion:278 Resp: 180702

Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.0	22.4
279	28.2	22.6	33.8





#39
Benzo(g,h,i)perylene
Concen: 13.103 ng
RT: 27.12 min Scan# 3107
Delta R.T. 0.09 min
Lab File: BE101126.D
Acq: 22 Jan 2020 22:12

Instrument :
BNA_E
ClientSampleId :
SB-49-(0.5-2)

Tgt Ion:276 Resp: 839483

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.2
138	23.2	17.9	26.9