Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
Data File : BE100942.D
Acq On : 17 Dec 2019 5:56
Operator : JU
Sample : K6239-04 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FD-2-2019-1209

Quant Time: Dec 17 07:47:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4870	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22667	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	15332	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29983	0.40	ng	0.00
27) Chrysene-d12	21.31	240	25457	0.40	ng	0.00
34) Perylene-d12	23.75	264	31218	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1799	0.16	ng	0.00
5) Phenol-d6	6.93	99	2825	0.16	ng	0.00
8) Nitrobenzene-d5	8.90	82	2212	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4059	0.12	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	535	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	5389	0.09	ng	0.00
25) Fluoranthene-d10	19.16	212	43644	0.12	ng	0.00
29) Terphenyl-d14	19.76	244	7826	0.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	199	0.022	ng	# 26
16) Acenaphthylene	14.14	152	4240	0.067	ng	# 1
18) Fluorene	15.42	166	1492	0.026	ng	# 79
20) 4-Bromophenyl-phenylether	16.36	248	568	0.039	ng	# 1
22) Pentachlorophenol	16.83	266	140	0.127	ng	# 1
23) Phenanthrene	17.16	178	9658	0.106	ng	# 1
24) Anthracene	17.25	178	2264	0.030	ng	# 80
26) Fluoranthene	19.18	202	7274	0.067	ng	# 55
28) Pyrene	19.55	202	12117	0.146	ng	# 77
30) Benzo(a)anthracene	21.32	228	16999	0.227	ng	# 1
31) Chrysene	21.32	228	14559	0.165	ng	# 2
32) Bis(2-ethylhexyl)phthalate	21.23	149	29233	0.553	ng	# 83
33) Indeno(1,2,3-cd)pyrene	26.32	276	4664	0.061	ng	# 67
35) Benzo(b)fluoranthene	23.00	252	9308	0.109	ng	# 1
36) Benzo(k)fluoranthene	23.00	252	9308	0.097	ng	# 1
37) Benzo(a)pyrene	23.64	252	6968	0.094	ng	# 1
39) Benzo(g,h,i)perylene	27.11	276	6005	0.076	ng	# 8

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

Quantitation Report (Not Reviewed)

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FD-2-2019-1209

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QLast Update : Fri Dec 13 10:42:38 2019
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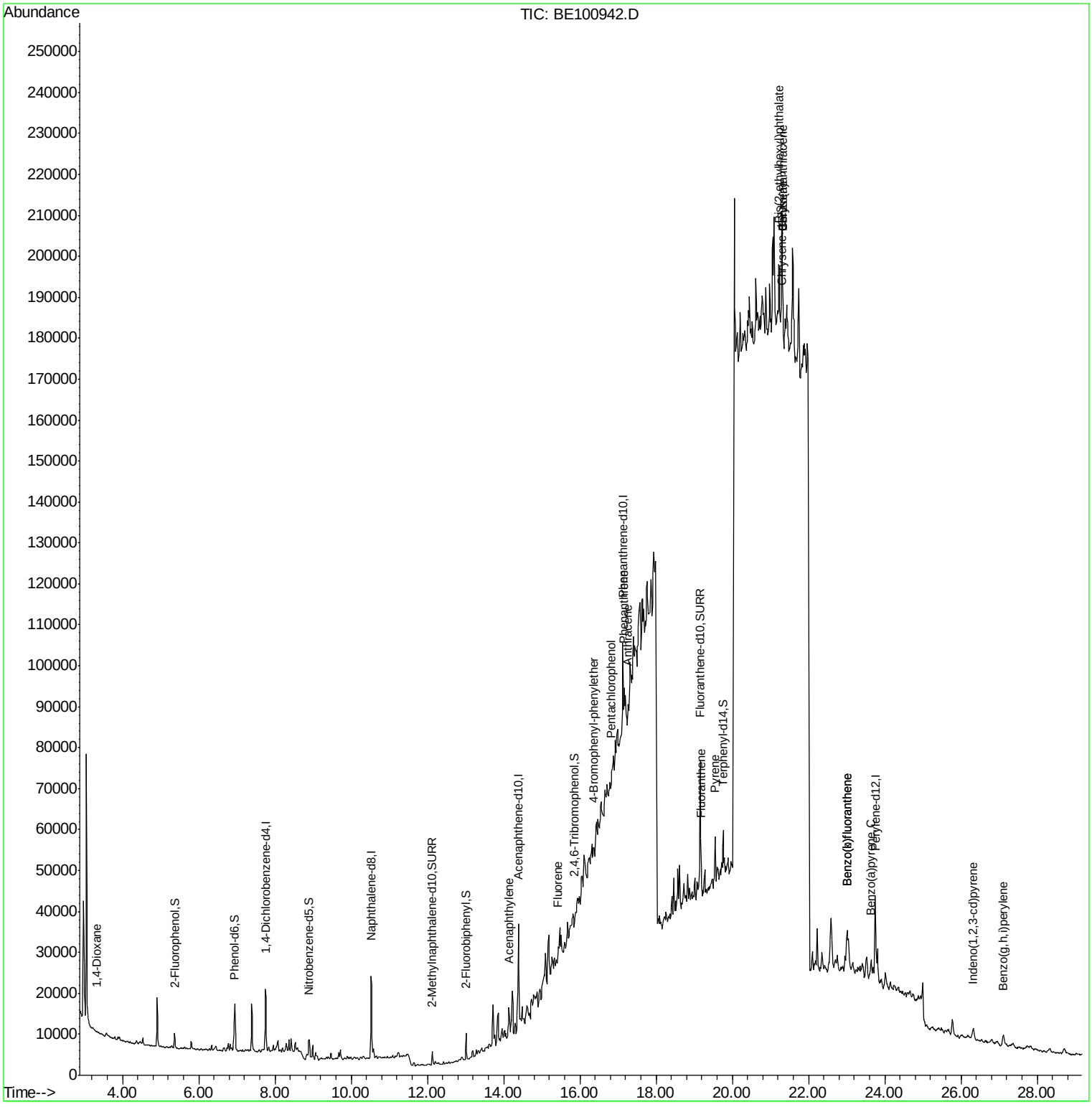
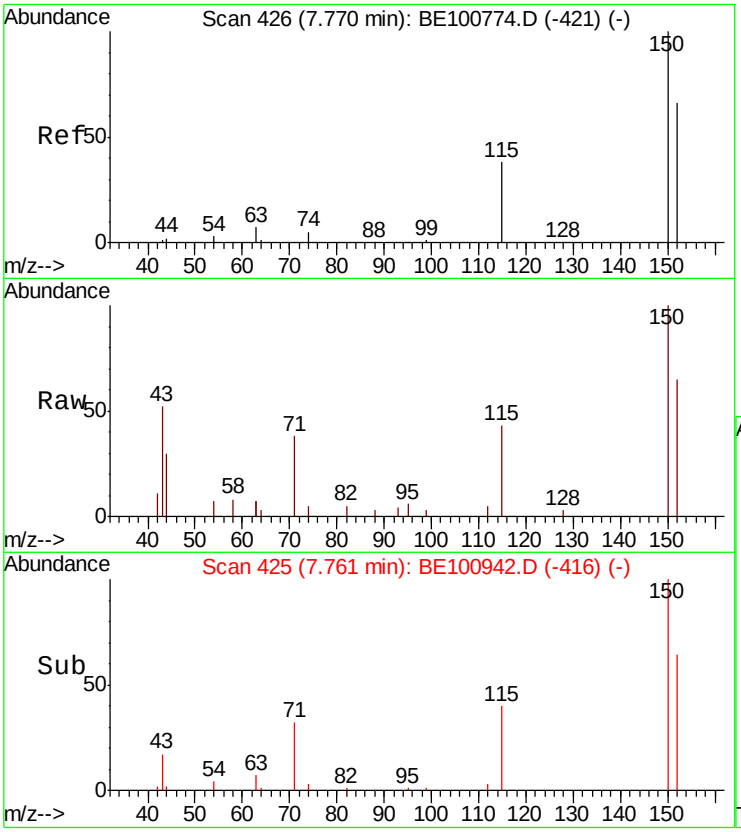


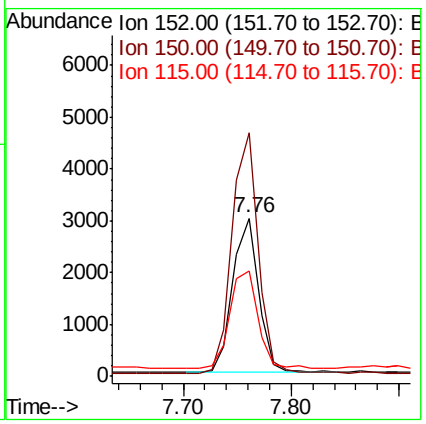


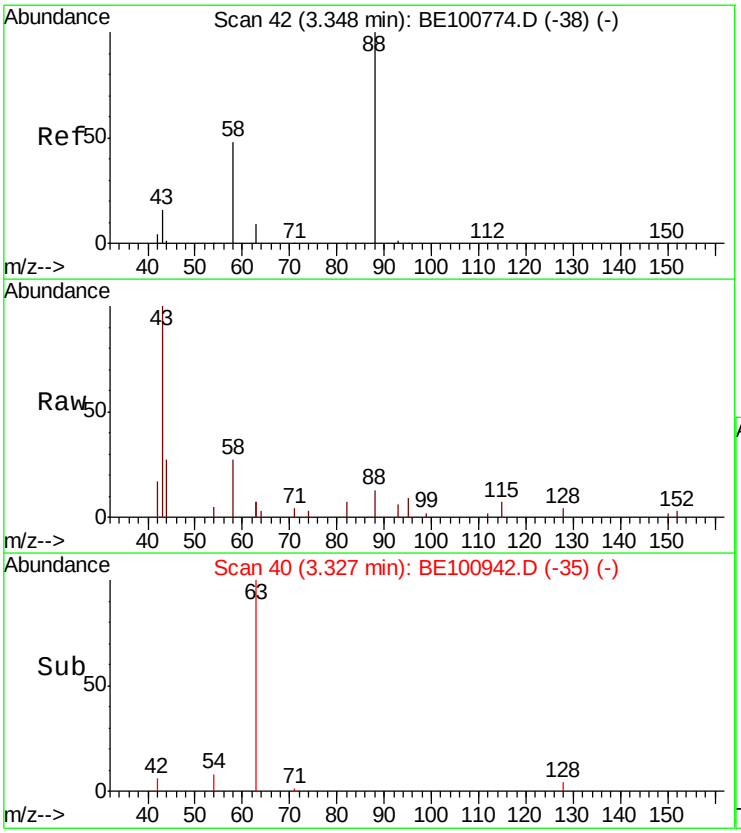
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:152 Resp: 4870

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.5	188.3
115	66.7	55.7	83.5

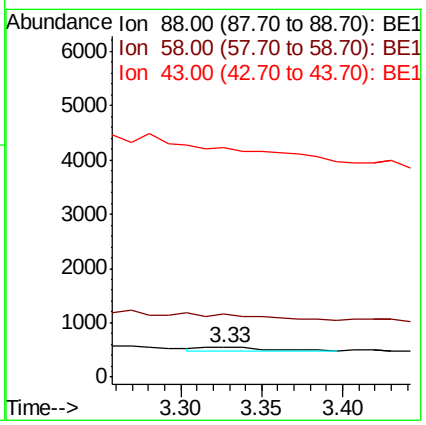


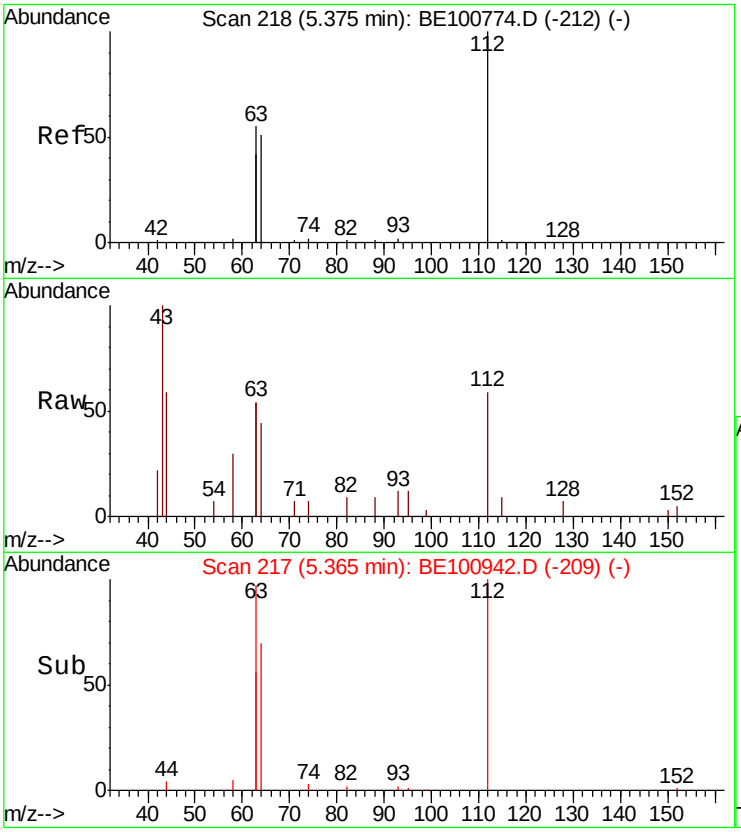


#2
1,4-Dioxane
Concen: 0.022 ng
RT: 3.33 min Scan# 40
Delta R.T. -0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.3	78.5#
43	0.0	23.5	35.3#



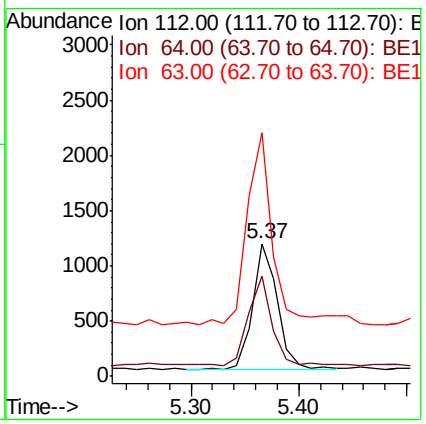


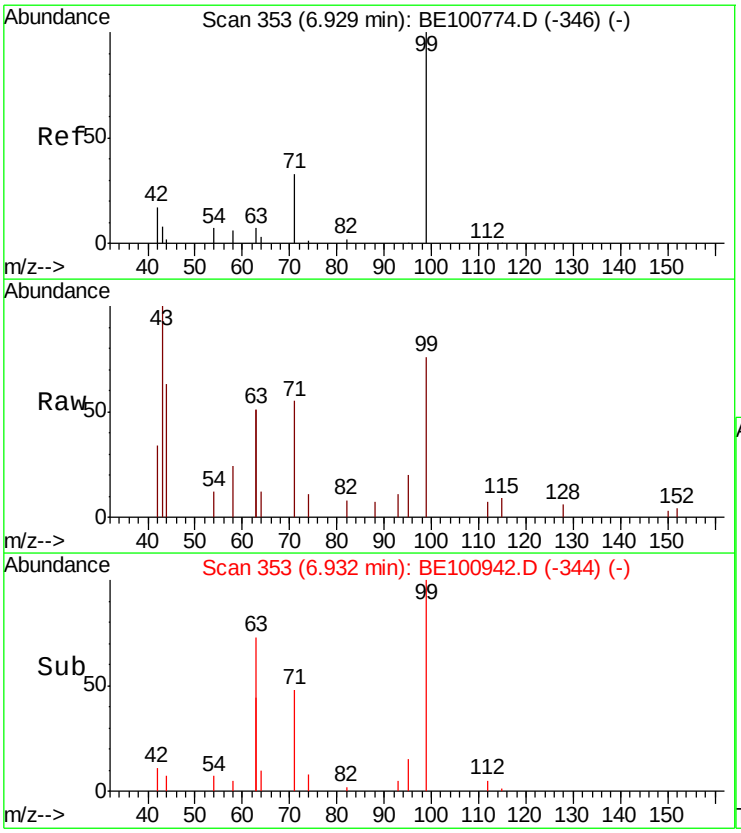
#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.37 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:112 Resp: 1799

Ion	Ratio	Lower	Upper
112	100		
64	66.5	54.5	81.7
63	154.9	116.1	174.1

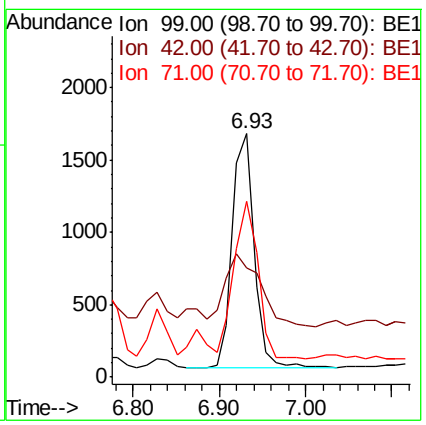


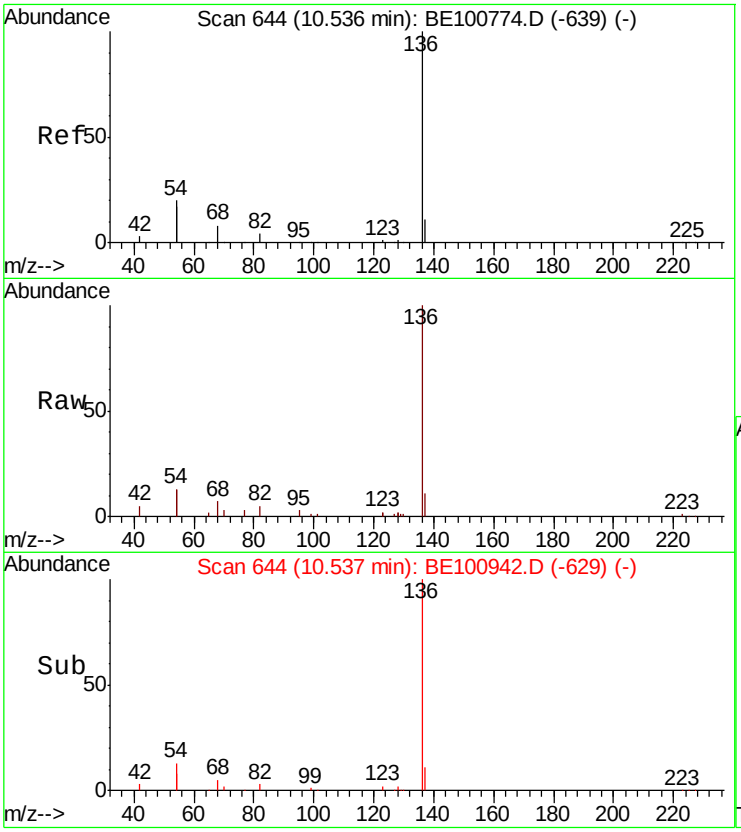


#5
Phenol-d6
Concen: 0.162 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion: 99 Resp: 2825

Ion	Ratio	Lower	Upper
99	100		
42	49.9	18.2	27.2#
71	75.3	29.1	43.7#



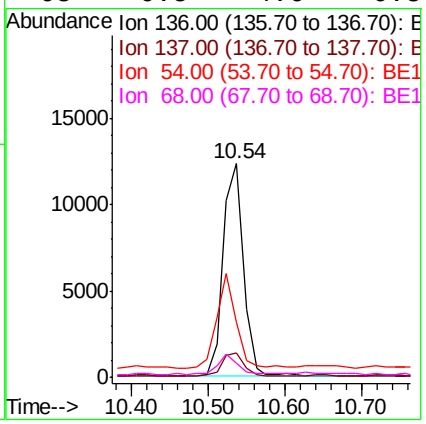


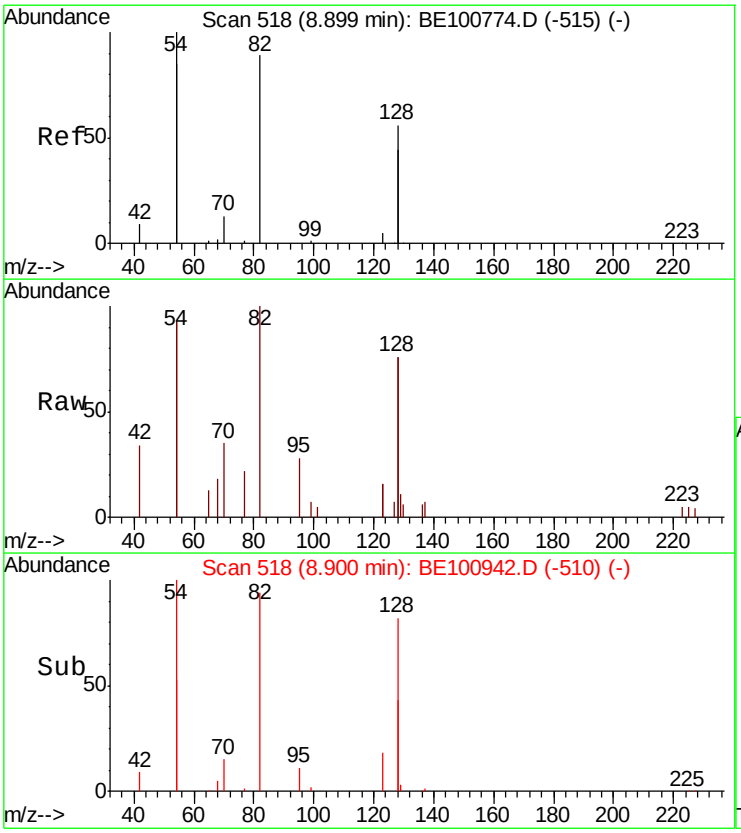
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:136 Resp: 22667

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	25.6	18.9	28.3
68	6.5	4.6	6.8

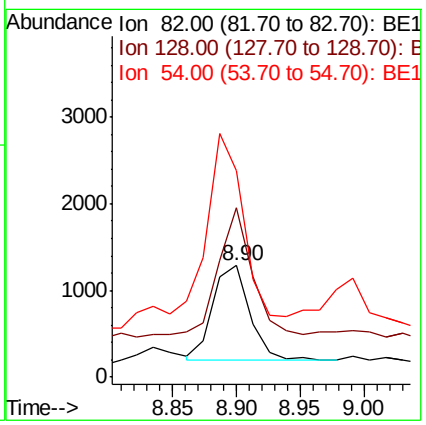


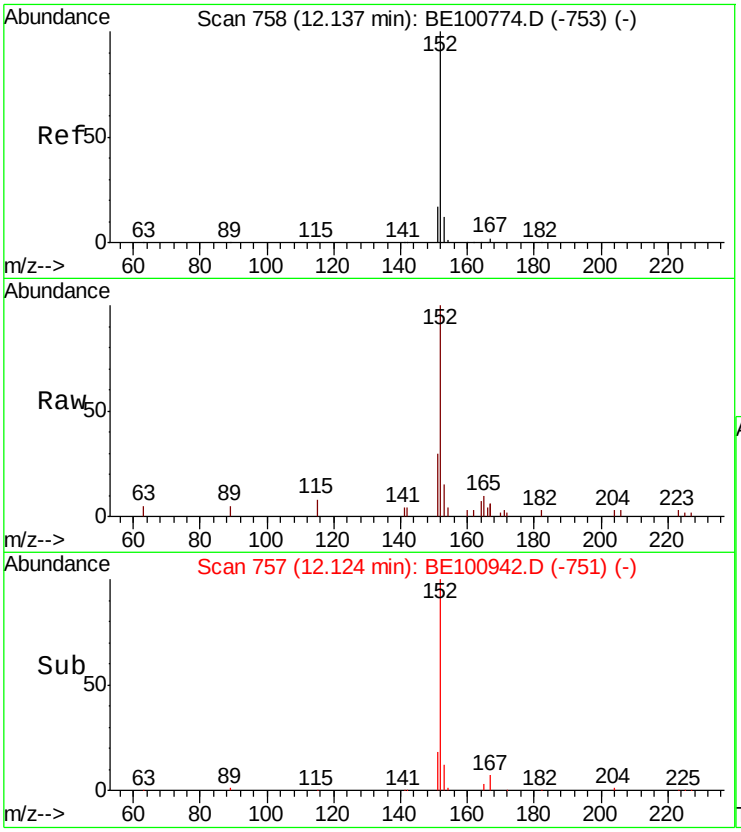


#8
Nitrobenzene-d5
Concen: 0.205 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion: 82 Resp: 2212

Ion	Ratio	Lower	Upper
82	100		
128	151.9	113.5	170.3
54	185.8	138.9	208.3



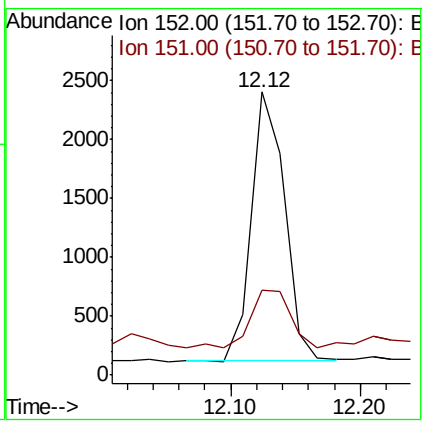


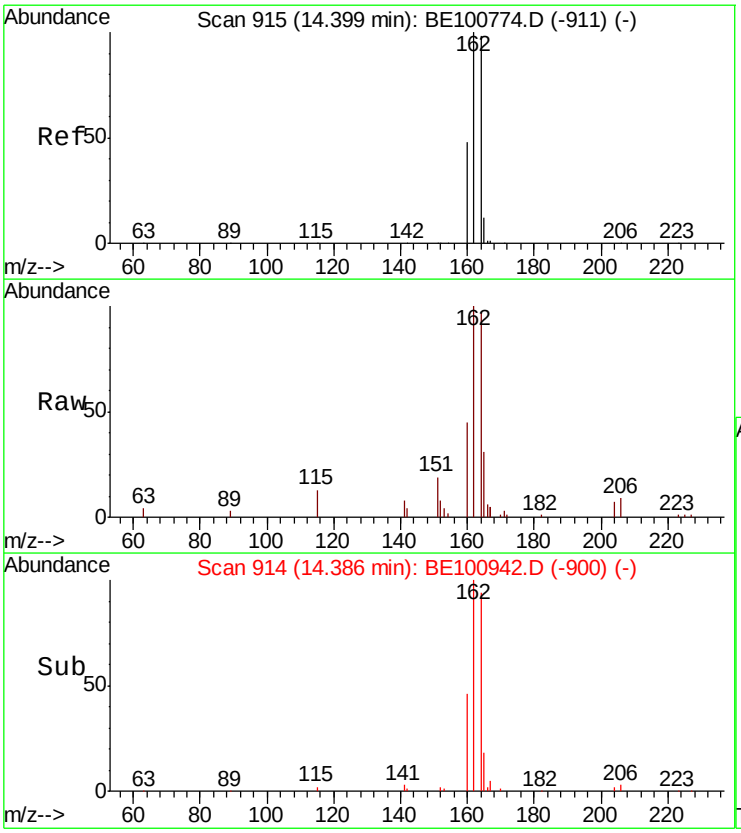
#11
2-Methylnaphthalene-d10
Concen: 0.124 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:152 Resp: 4059

Ion	Ratio	Lower	Upper
152	100		
151	26.6	15.1	22.7#

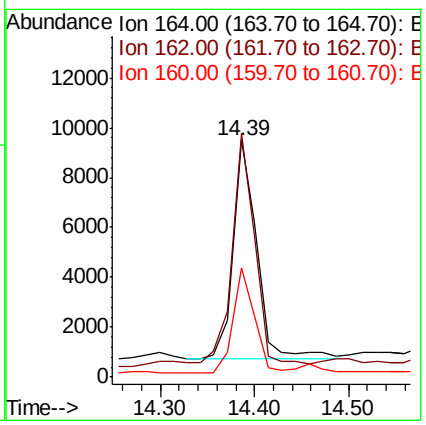


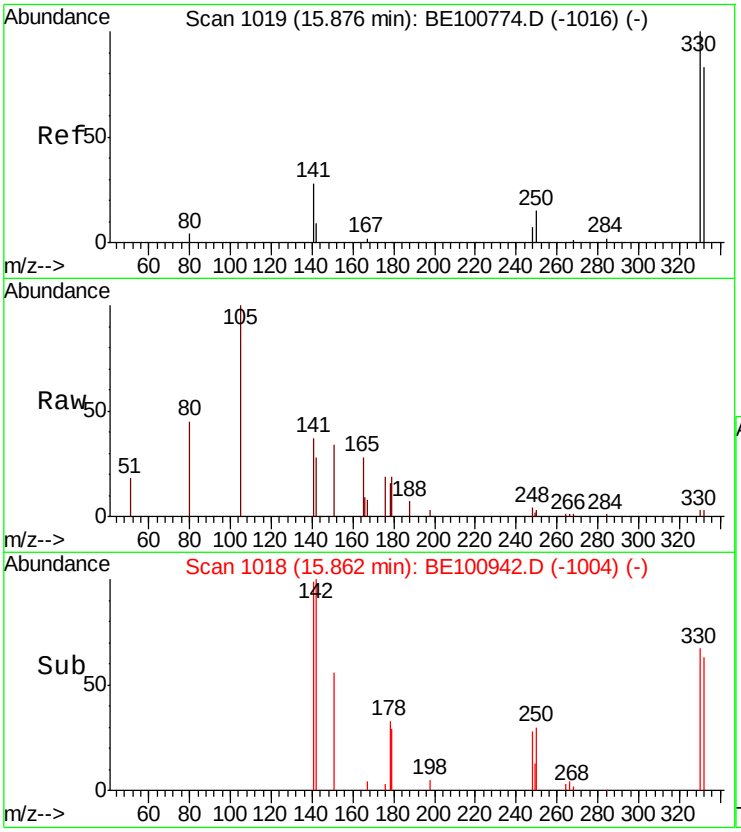


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:164 Resp: 15332

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.0	129.0
160	46.0	42.3	63.5



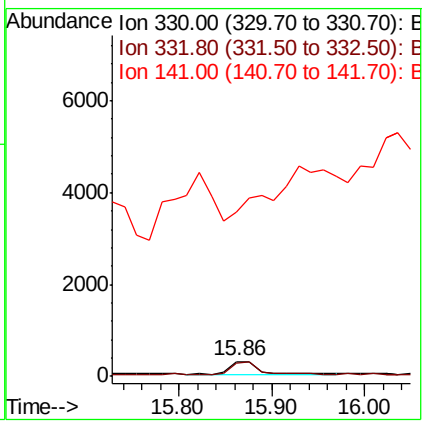


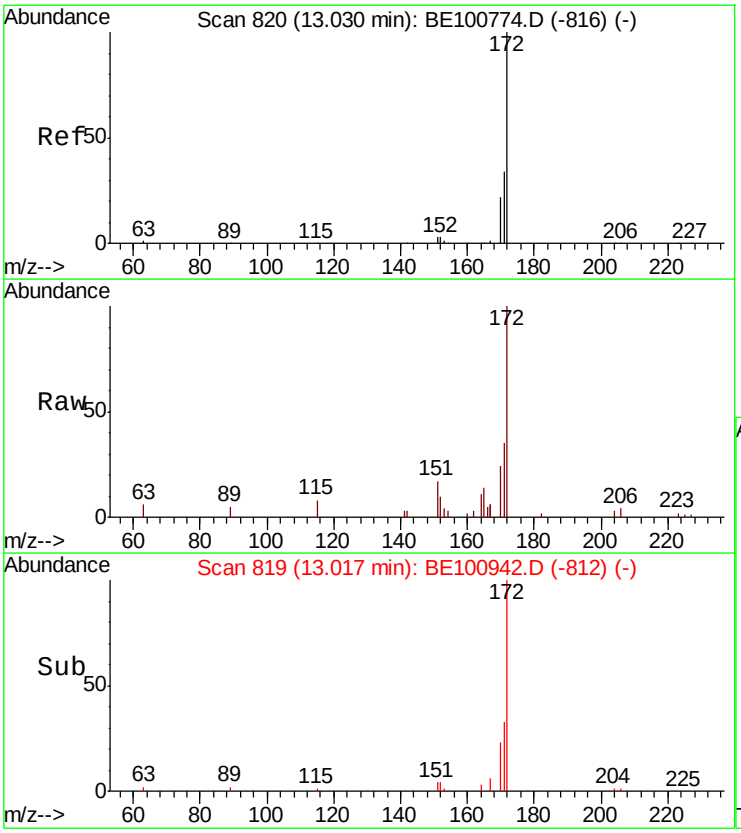
#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:330 Resp: 535

Ion	Ratio	Lower	Upper
330	100		
332	92.0	74.1	111.1
141	0.0	46.7	70.1#

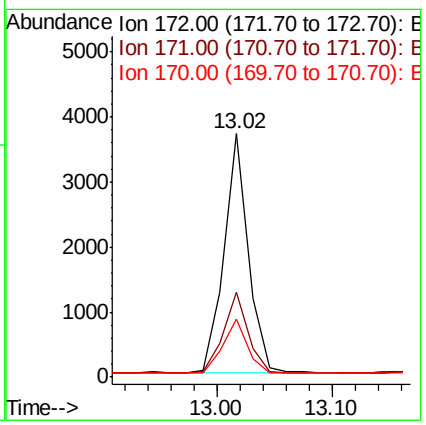


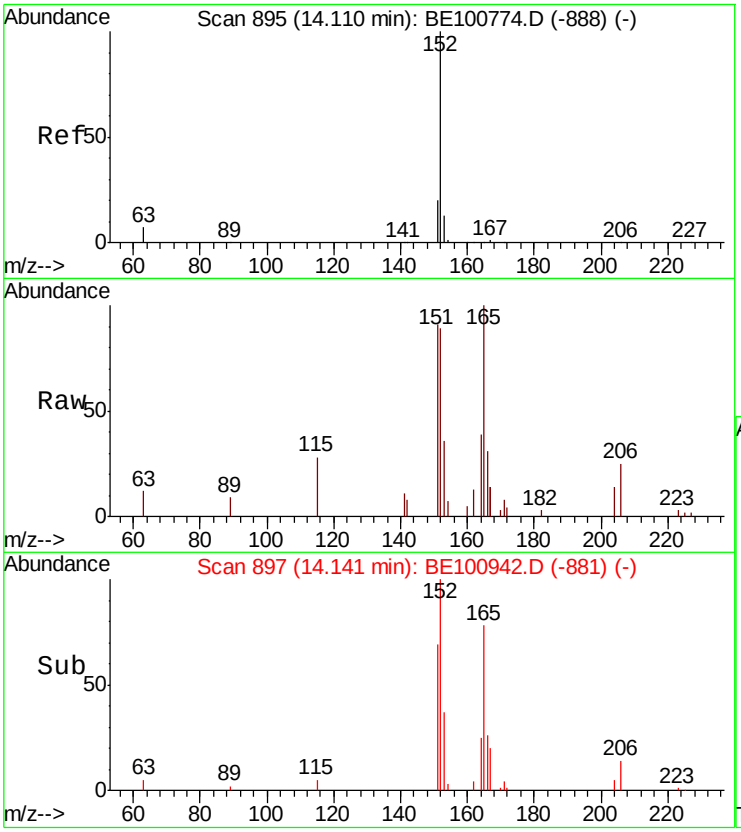


#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:172 Resp: 5389

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.9	19.4	29.0



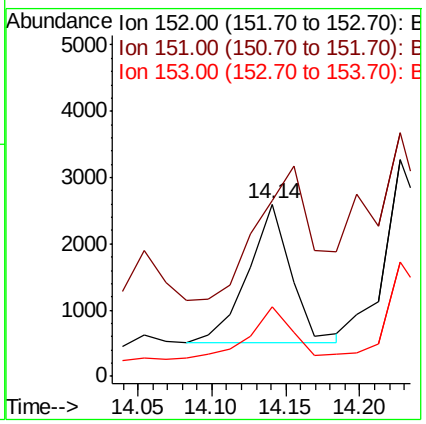


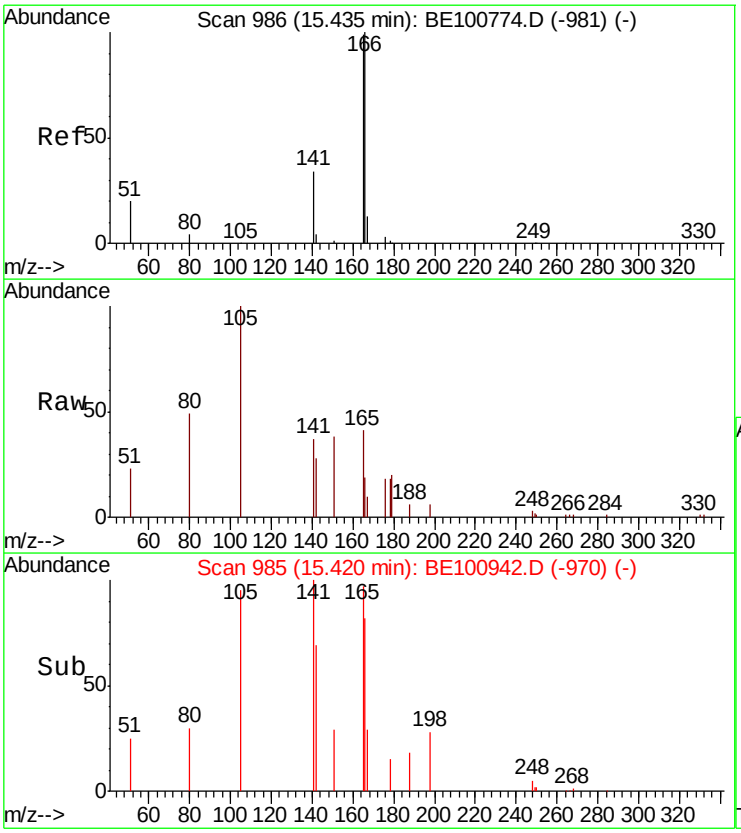
#16
Acenaphthylene
Concen: 0.067 ng
RT: 14.14 min Scan# 897
Delta R.T. 0.03 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:152 Resp: 4240

Ion	Ratio	Lower	Upper
152	100		
151	130.8	15.9	23.9#
153	45.6	10.5	15.7#

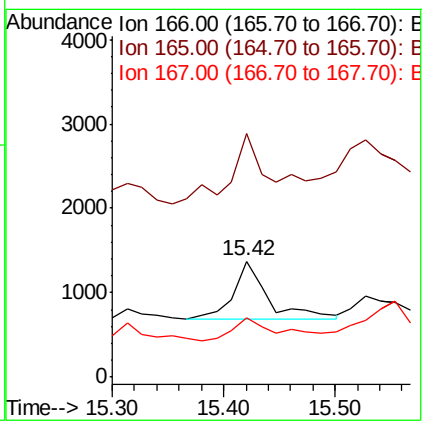


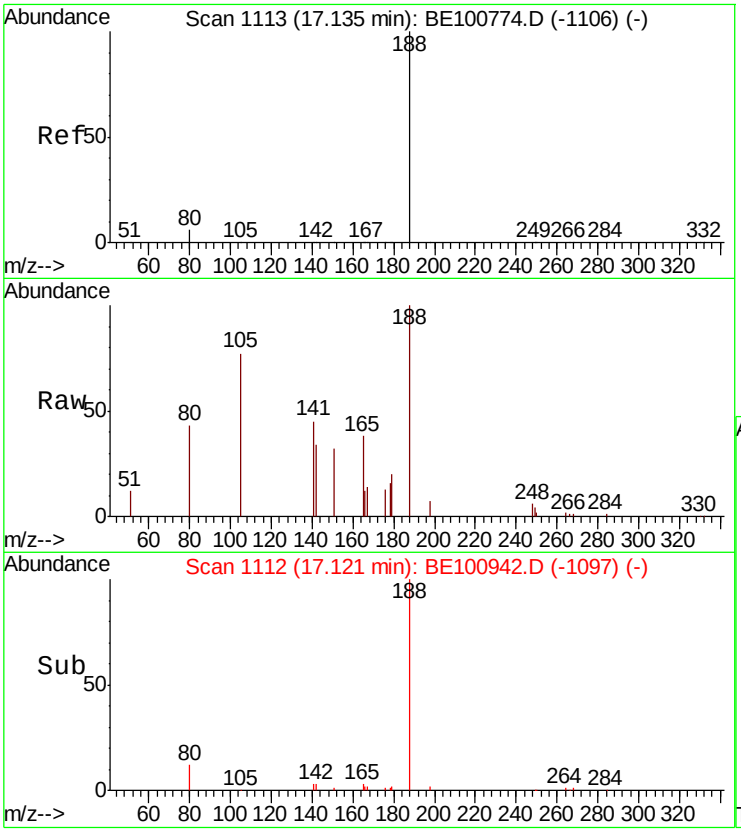


#18
Fluorene
Concen: 0.026 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:166 Resp: 1492

Ion	Ratio	Lower	Upper
166	100		
165	110.9	80.2	120.4
167	51.4	10.6	16.0#



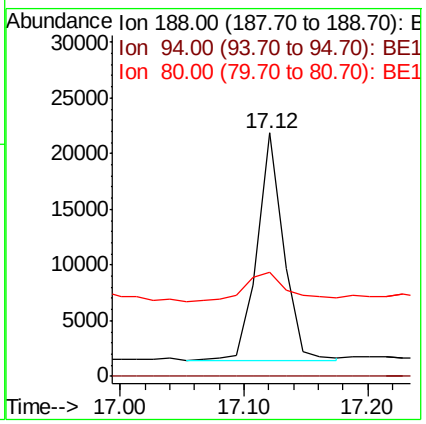


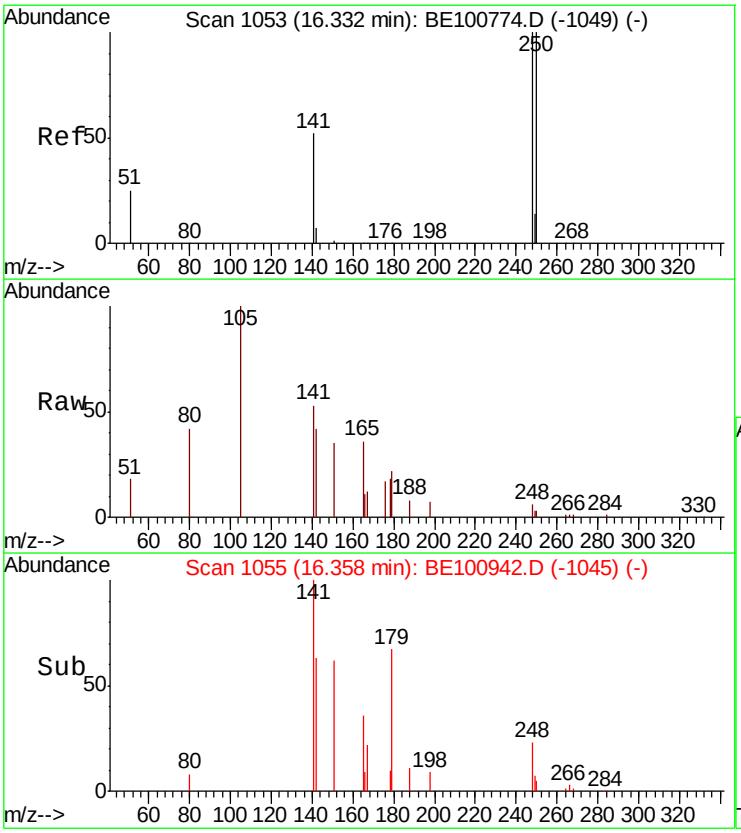
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:188 Resp: 29983

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	42.9	7.9	11.9#

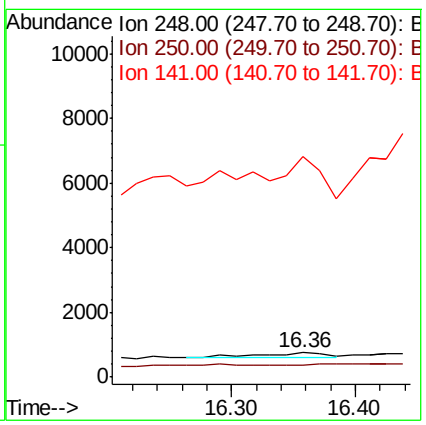


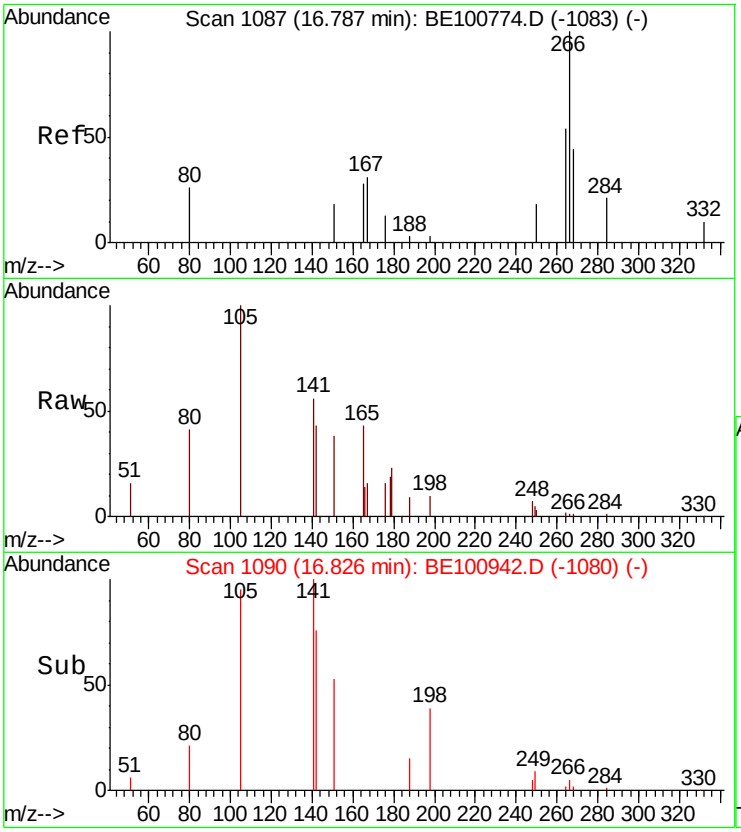


#20
4-Bromophenyl-phenylether
Concen: 0.039 ng
RT: 16.36 min Scan# 1055
Delta R.T. 0.04 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:248 Resp: 568

Ion	Ratio	Lower	Upper
248	100		
250	49.7	72.4	108.6#
141	910.6	68.2	102.2#



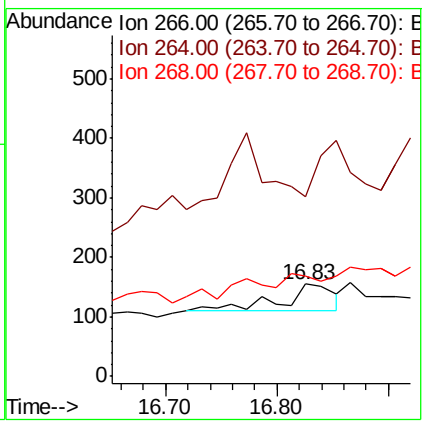


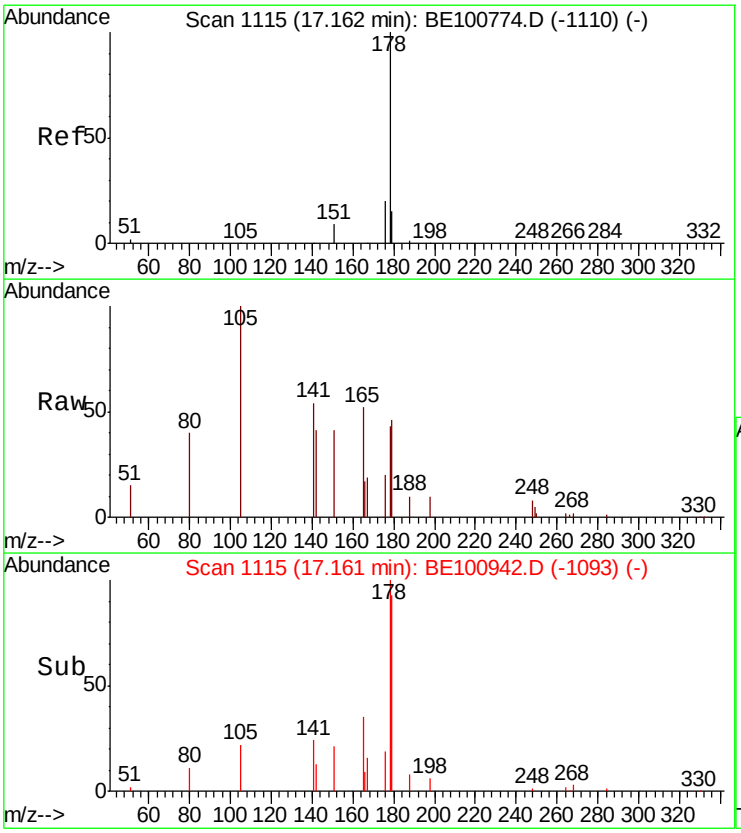
#22
Pentachlorophenol
Concen: 0.127 ng
RT: 16.83 min Scan# 1090
Delta R.T. 0.04 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:266 Resp: 140

Ion	Ratio	Lower	Upper
266	100		
264	194.8	55.1	82.7#
268	108.4	50.7	76.1#

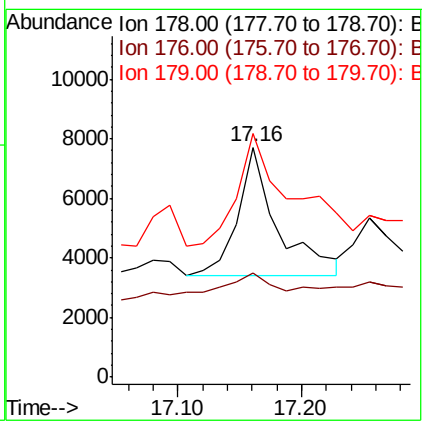


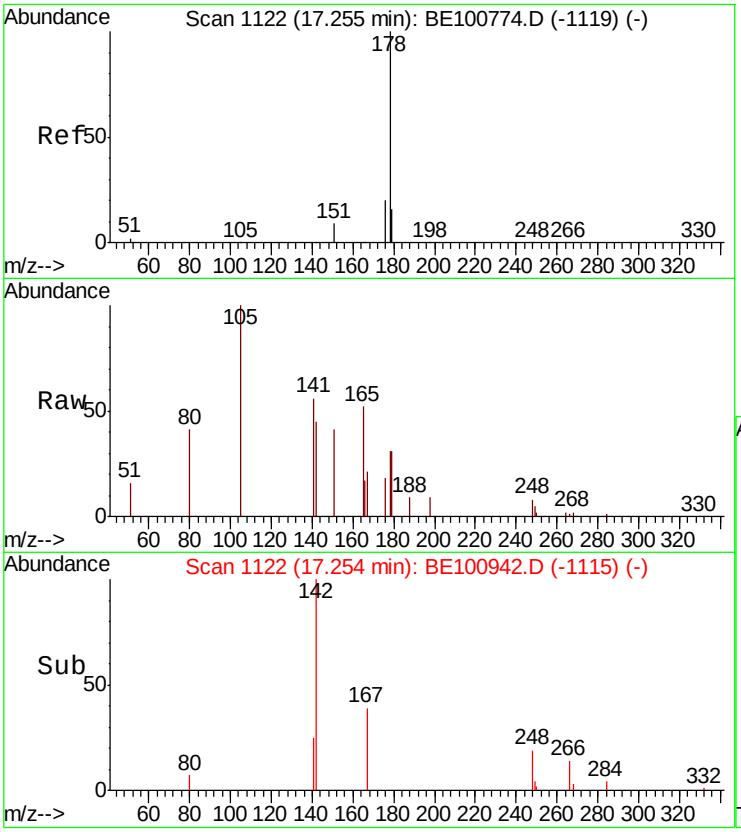


#23
Phenanthrene
Concen: 0.106 ng
RT: 17.16 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:178 Resp: 9658

Ion	Ratio	Lower	Upper
178	100		
176	31.3	15.6	23.4#
179	115.6	11.9	17.9#



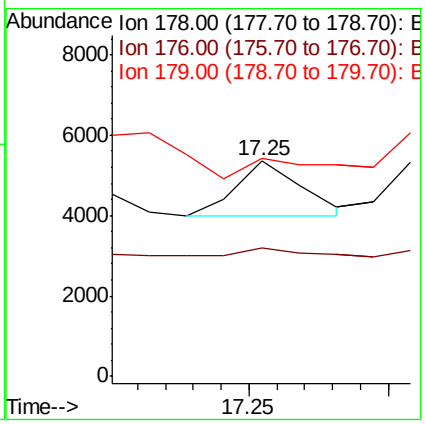


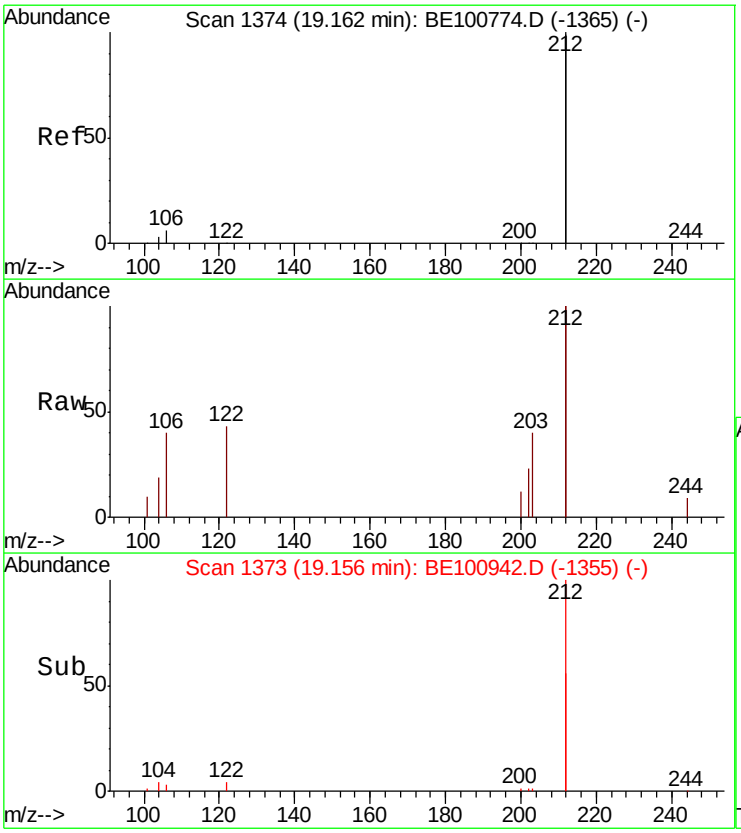
#24
Anthracene
Concen: 0.030 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:178 Resp: 2264

Ion	Ratio	Lower	Upper
178	100		
176	15.9	14.7	22.1
179	0.0	12.2	18.4#

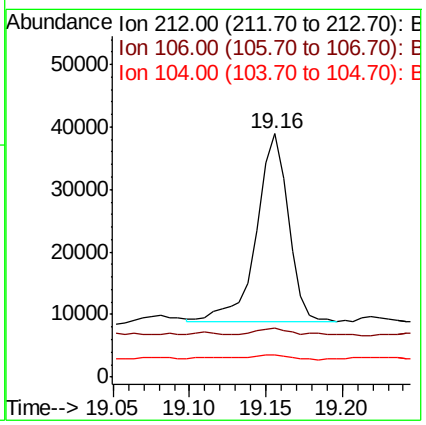


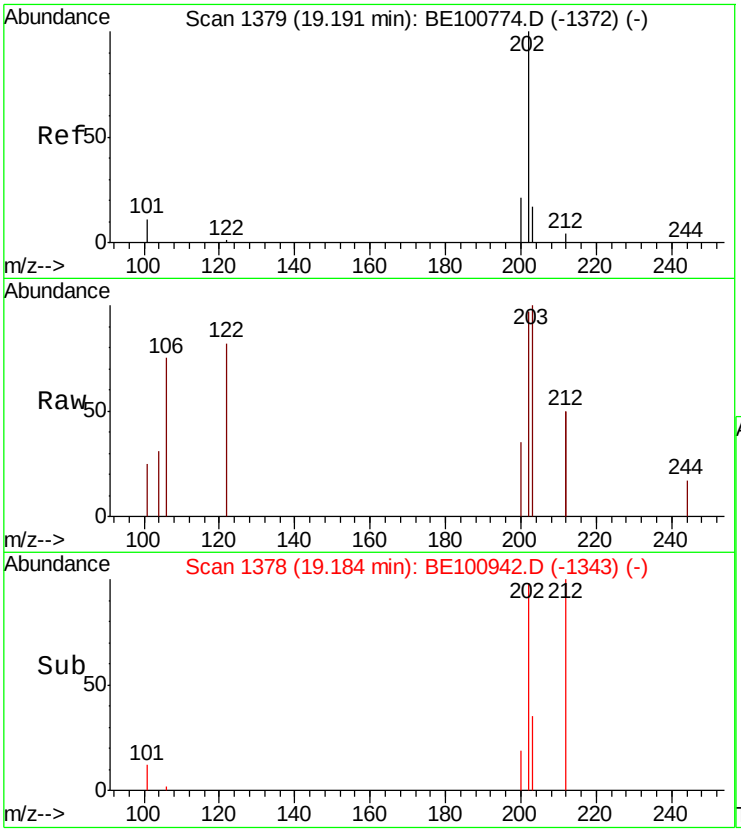


#25
Fluoranthene-d10
Concen: 0.123 ng
RT: 19.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:212 Resp: 43644

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	2.8	1.4	2.2#



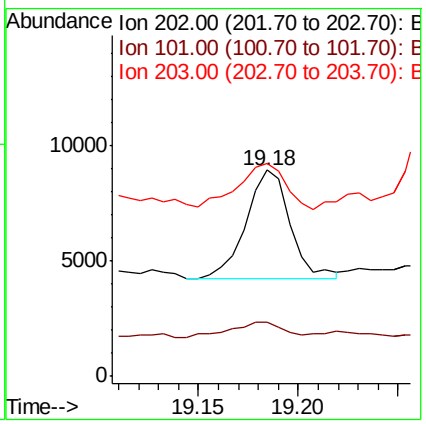


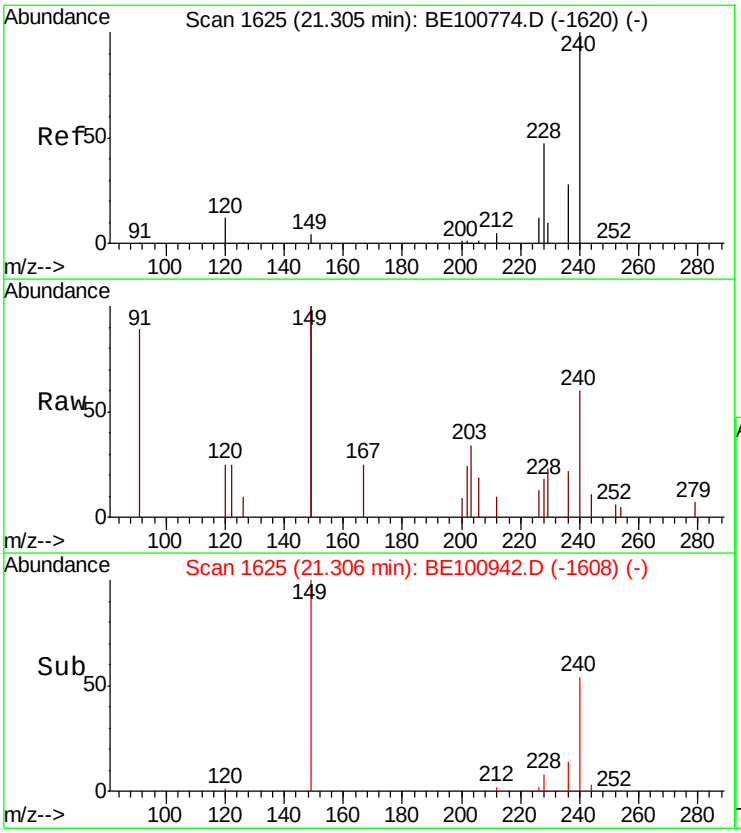
#26
Fluoranthene
Concen: 0.067 ng
RT: 19.18 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:202 Resp: 7274

Ion	Ratio	Lower	Upper
202	100		
101	17.3	9.4	14.0#
203	45.6	13.7	20.5#

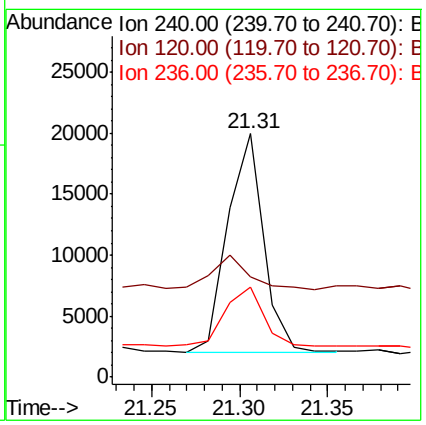


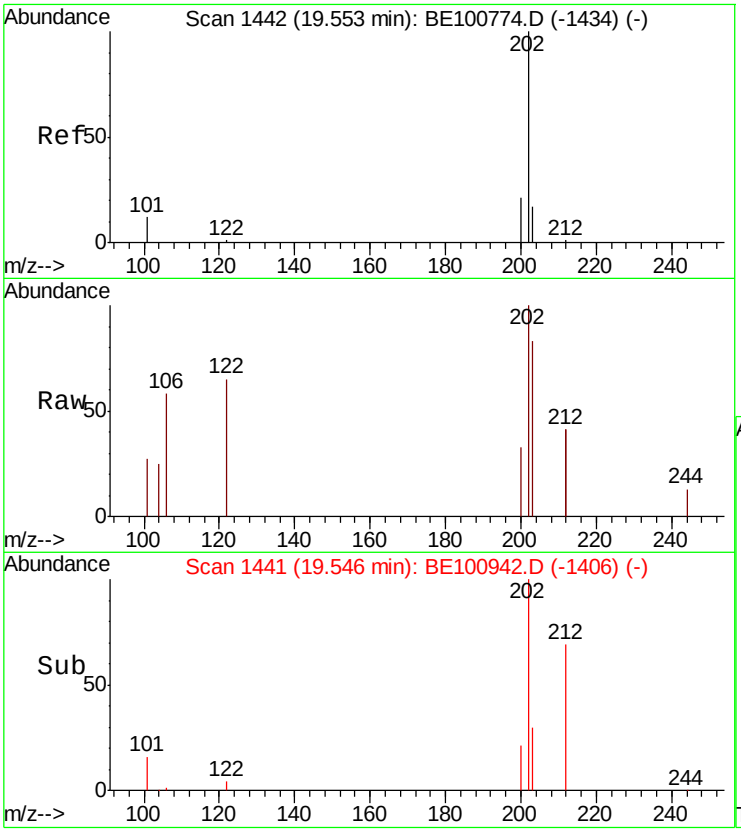


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:240 Resp: 25457

Ion	Ratio	Lower	Upper
240	100		
120	41.4	4.0	6.0#
236	36.7	21.6	32.4#



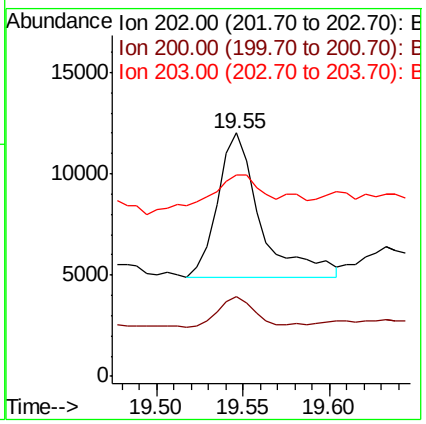


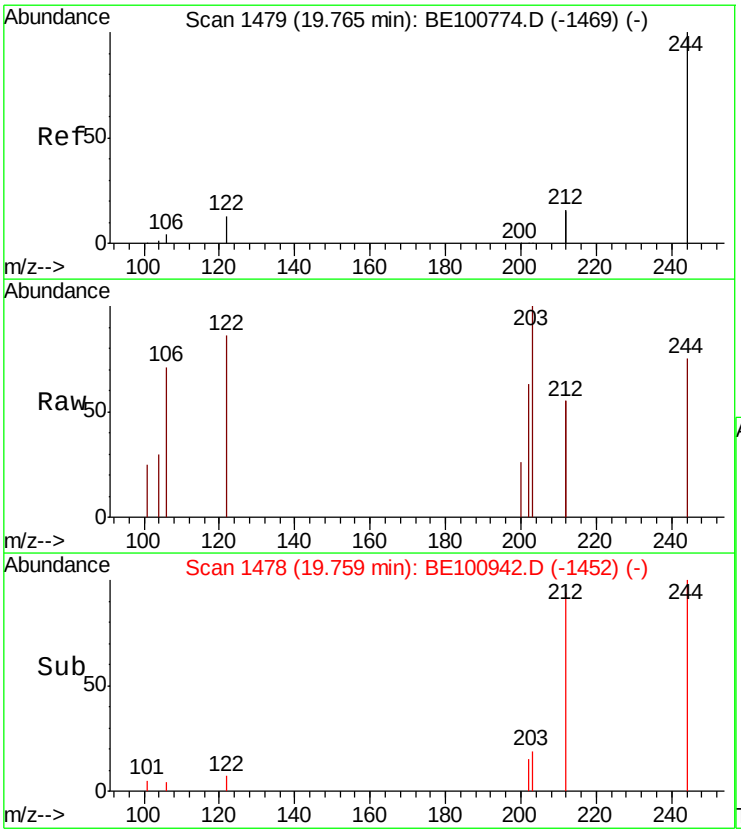
#28
Pyrene
Concen: 0.146 ng
RT: 19.55 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:202 Resp: 12117

Ion	Ratio	Lower	Upper
202	100		
200	18.4	17.0	25.4
203	36.2	13.8	20.8#

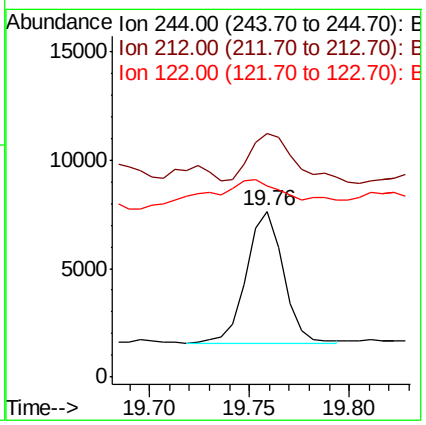


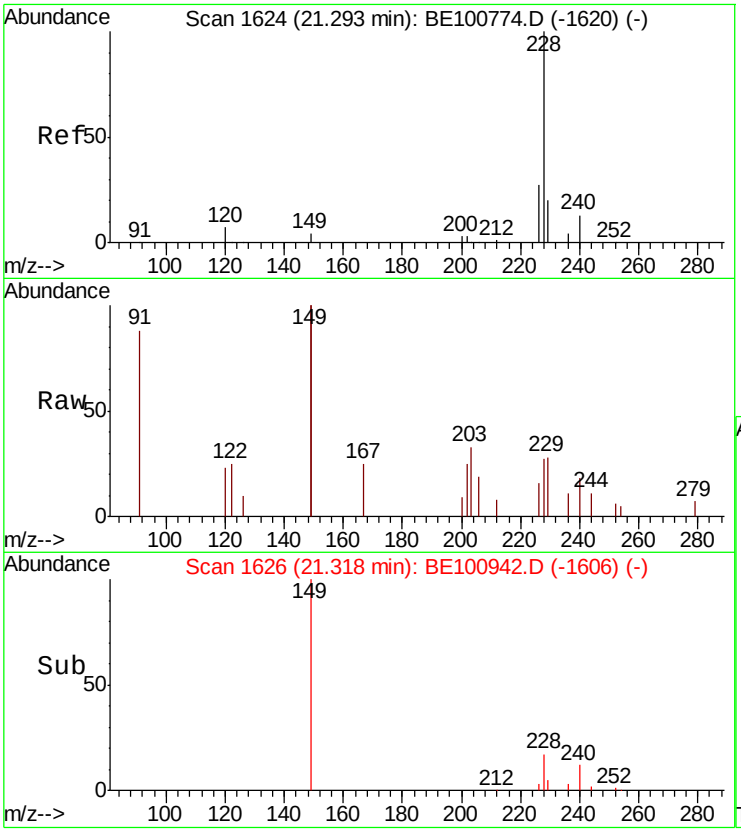


#29
Terphenyl-d14
Concen: 0.128 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:244 Resp: 7826

Ion	Ratio	Lower	Upper
244	100		
212	146.8	25.2	37.8#
122	115.1	8.9	13.3#



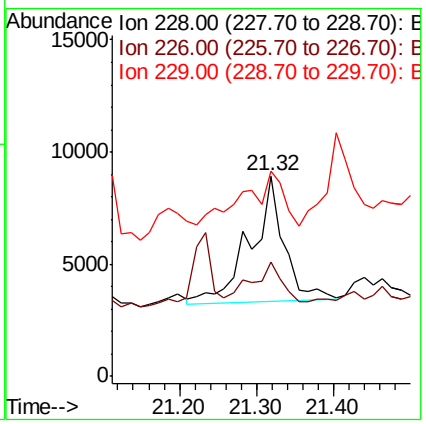


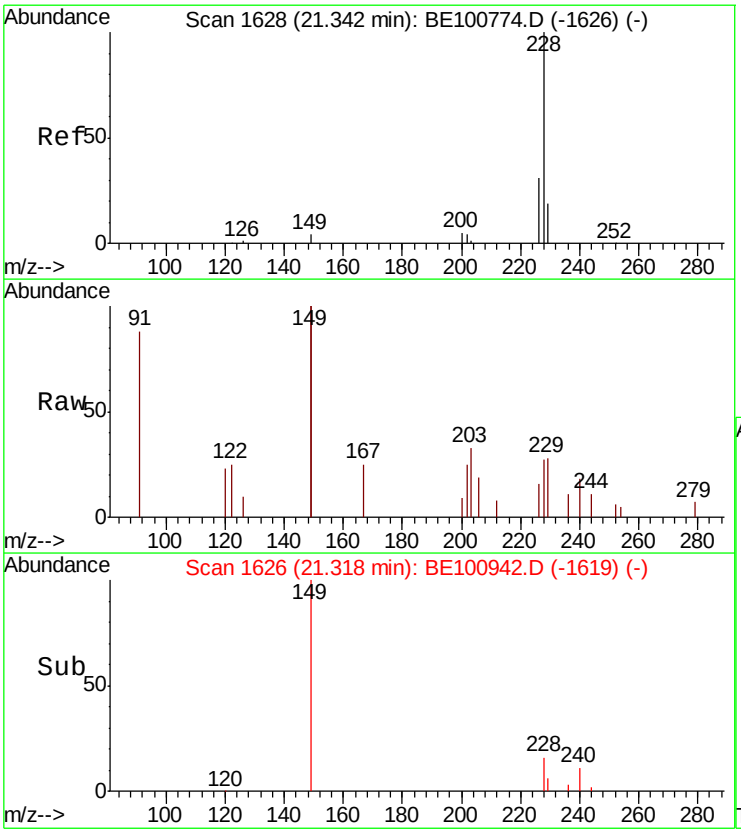
#30
Benzo(a)anthracene
Concen: 0.227 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.04 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:228 Resp: 16999

Ion	Ratio	Lower	Upper
228	100		
226	56.9	21.4	32.0#
229	102.7	15.8	23.6#

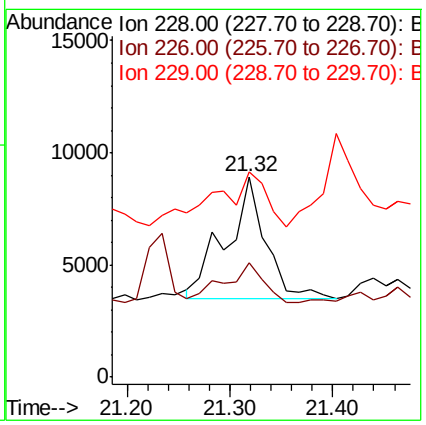


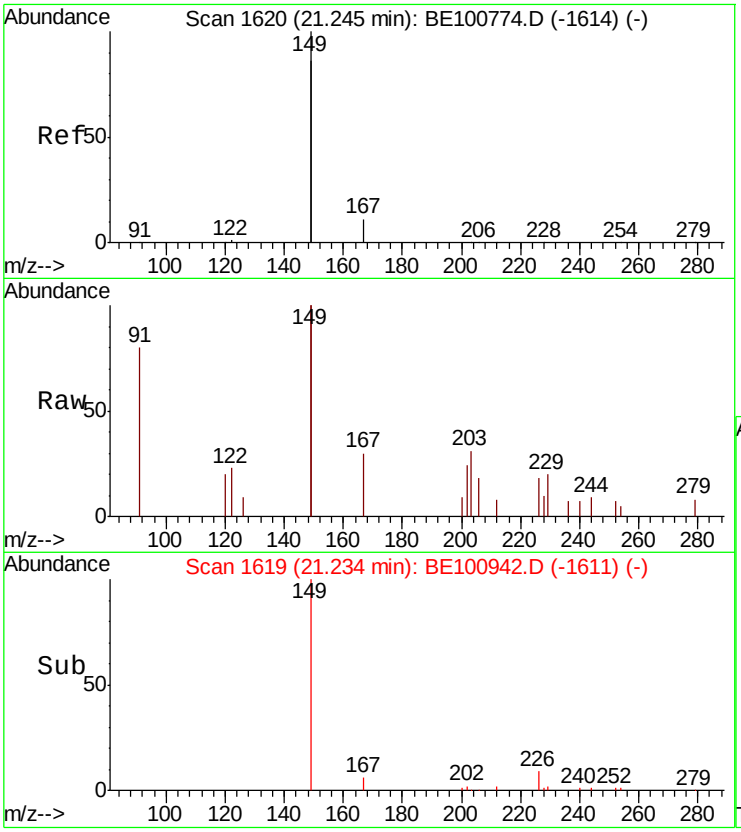


#31
Chrysene
Concen: 0.165 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:228 Resp: 14559

Ion	Ratio	Lower	Upper
228	100		
226	56.9	25.3	37.9#
229	102.7	15.2	22.8#



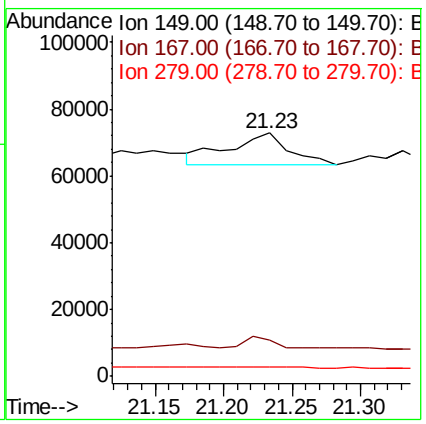


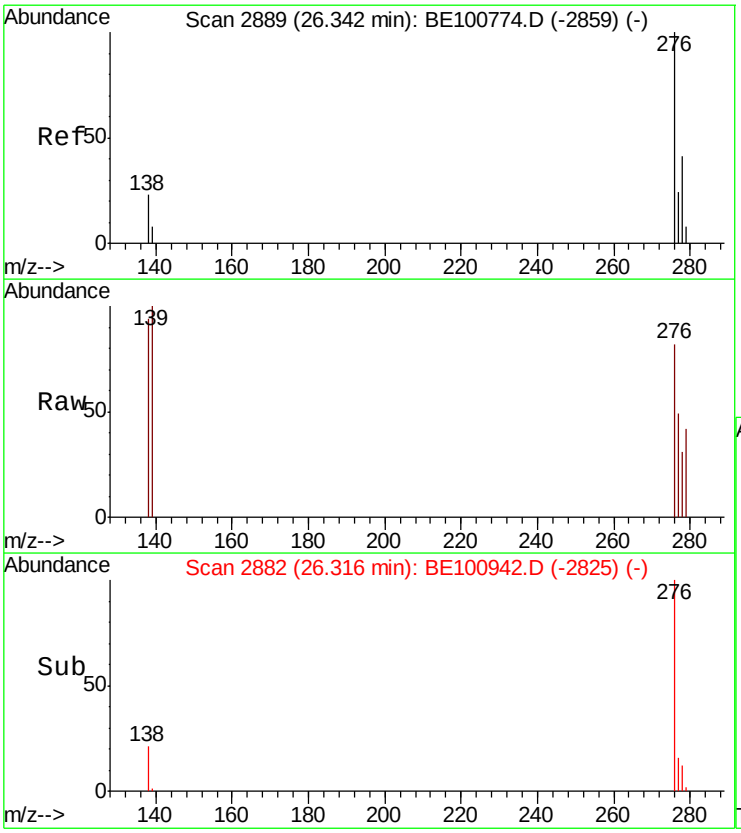
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.553 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:149 Resp: 29233

Ion	Ratio	Lower	Upper
149	100		
167	0.0	5.0	7.4#
279	3.6	0.6	1.0#

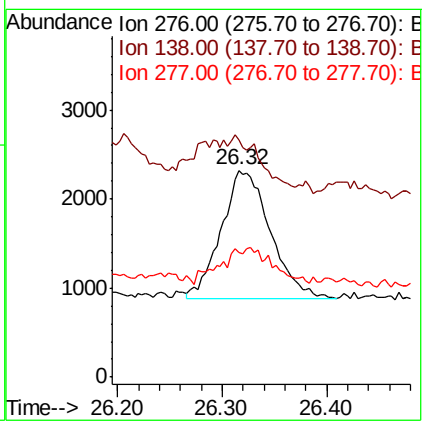


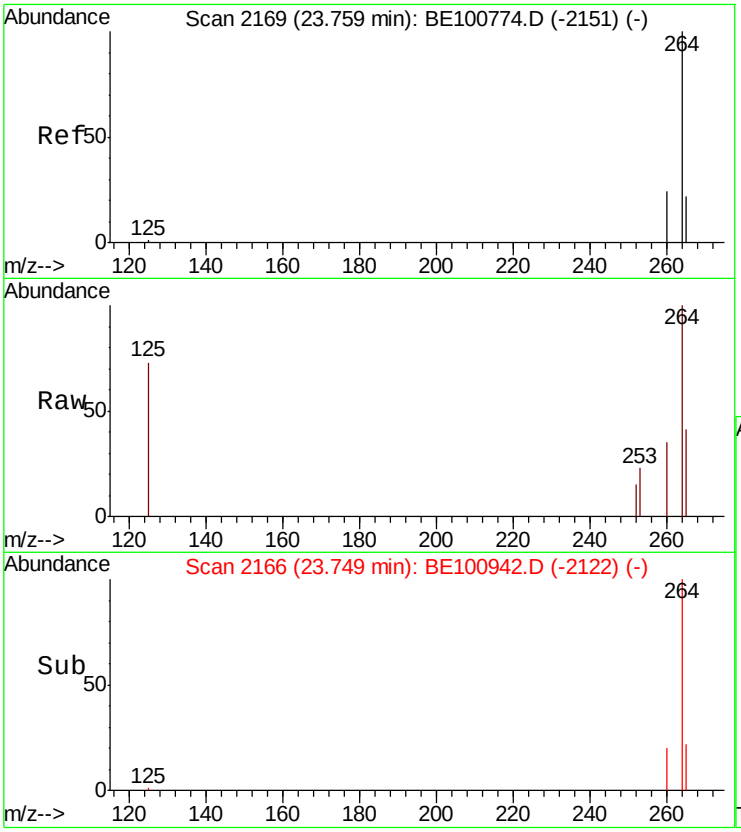


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng
RT: 26.32 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:276 Resp: 4664

Ion	Ratio	Lower	Upper
276	100		
138	0.0	18.4	27.6#
277	14.5	19.4	29.2#



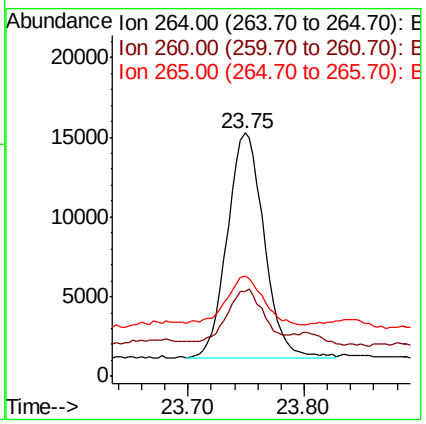


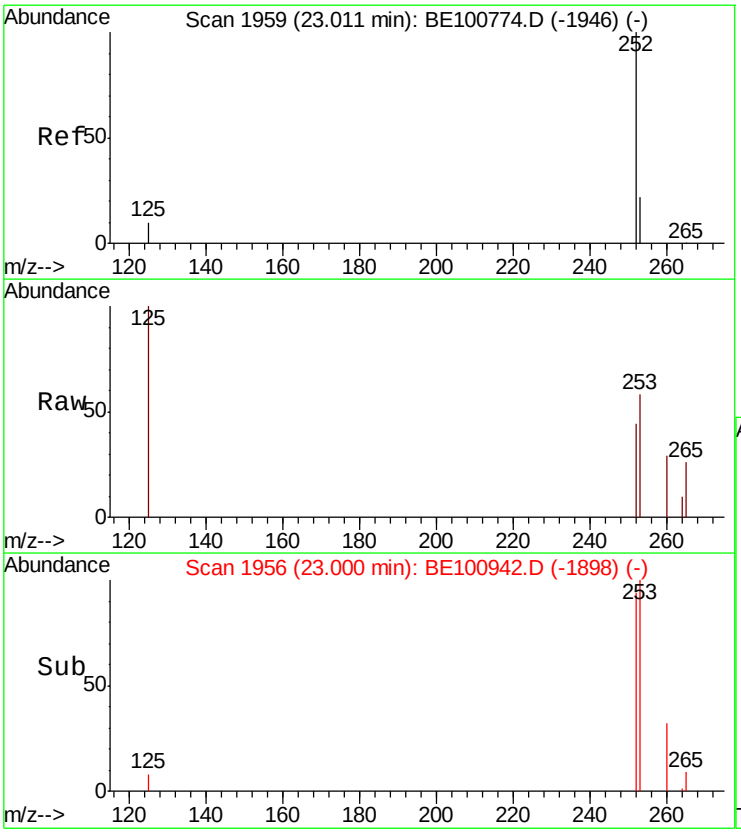
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:264 Resp: 31218

Ion	Ratio	Lower	Upper
264	100		
260	35.0	19.4	29.0#
265	41.3	20.1	30.1#

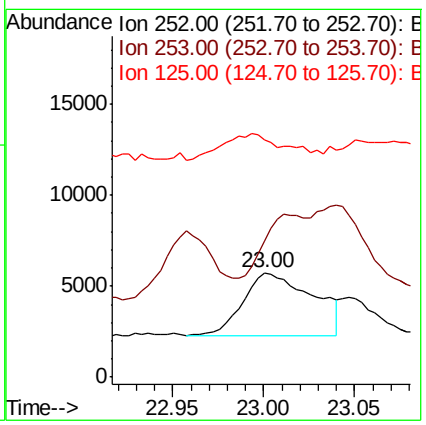


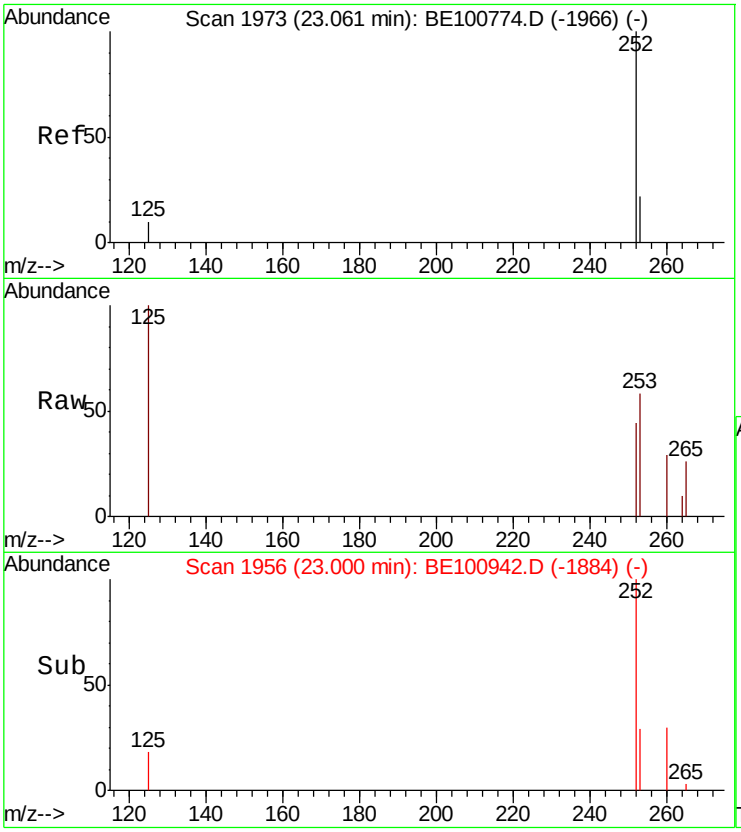


#35
Benzo(b)fluoranthene
Concen: 0.109 ng
RT: 23.00 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:252 Resp: 9308

Ion	Ratio	Lower	Upper
252	100		
253	130.4	17.8	26.6#
125	226.6	8.3	12.5#



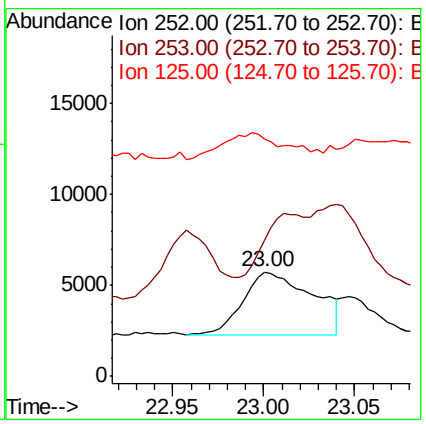


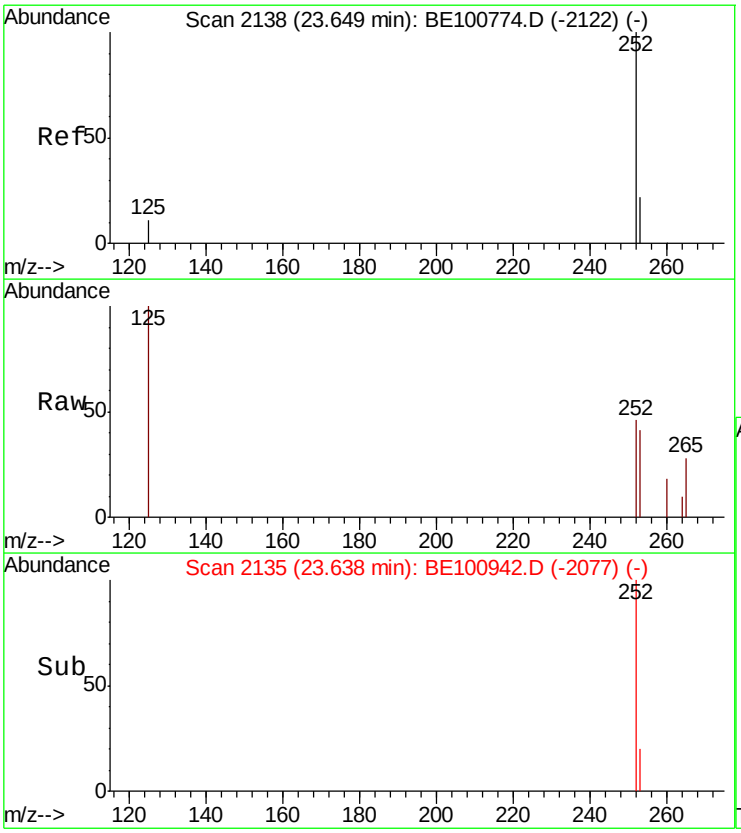
#36
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.04 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:252 Resp: 9308

Ion	Ratio	Lower	Upper
252	100		
253	130.4	17.8	26.6#
125	226.6	9.4	14.0#

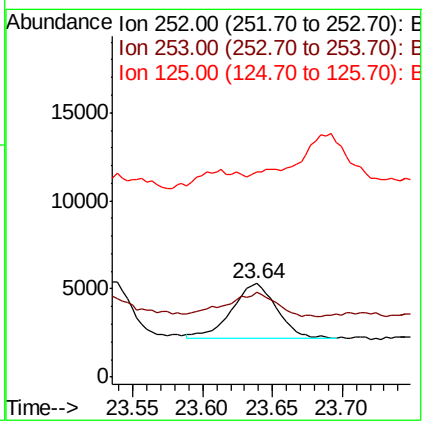


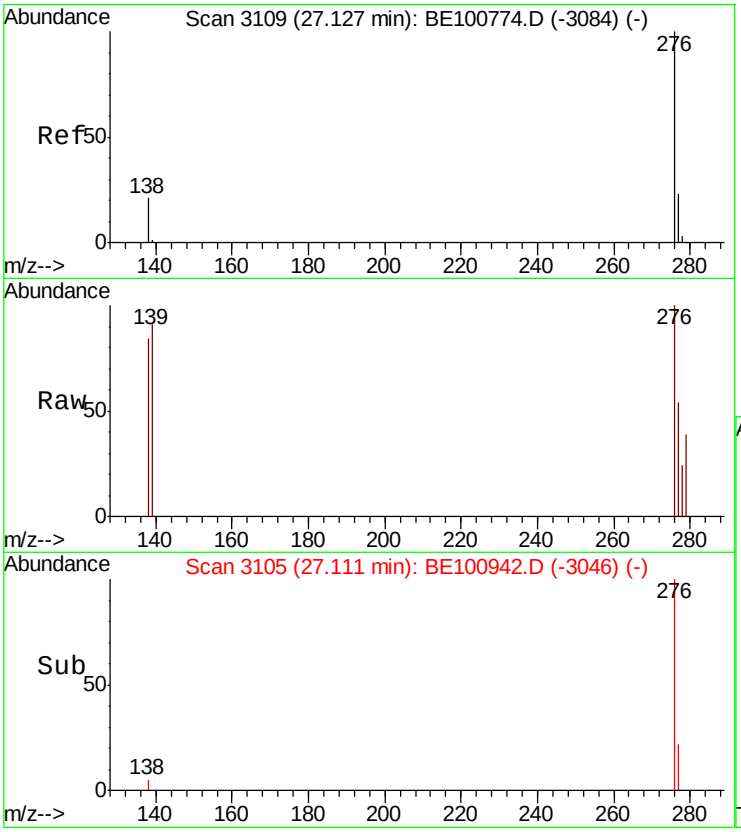


#37
Benzo(a)pyrene
Concen: 0.094 ng
RT: 23.64 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Tgt Ion:252 Resp: 6968

Ion	Ratio	Lower	Upper
252	100		
253	91.0	17.8	26.8#
125	219.5	9.9	14.9#





#39
Benzo(g,h,i)perylene
Concen: 0.076 ng
RT: 27.11 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BE100942.D
Acq: 17 Dec 2019 5:56

Instrument :
BNA_E
ClientSampleId :
FD-2-2019-1209

Tgt Ion:276 Resp: 6005

Ion	Ratio	Lower	Upper
276	100		
277	53.7	19.7	29.5#
138	84.0	18.0	27.0#