Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100790.D
Acq On : 5 Dec 2019 15:49
Operator : JU
Sample : K6053-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 05 18:02:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	6613	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	29380	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	17691	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	42615	0.40	ng		-0.01
27) Chrysene-d12	21.31	240	46033	0.40	ng		0.00
34) Perylene-d12	23.76	264	55797	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	6772	0.43	ng		0.00
5) Phenol-d6	6.93	99	11201	0.47	ng		0.00
8) Nitrobenzene-d5	8.90	82	6902	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	13184	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1712	0.87	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	18626	0.27	ng		0.00
25) Fluoranthene-d10	19.16	212	151105	0.30	ng		0.00
29) Terphenyl-d14	19.77	244	30574	0.28	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.59	128	97116	0.311	ng		99
12) 2-Methylnaphthalene	12.21	142	11545	0.237	ng		98
16) Acenaphthylene	14.11	152	101174	1.382	ng		99
17) Acenaphthene	14.46	154	7119	0.141	ng		98
18) Fluorene	15.43	166	31078	0.478	ng	#	89
22) Pentachlorophenol	16.79	266	156	0.099	ng		91
23) Phenanthrene	17.17	178	668100	5.176	ng		99
24) Anthracene	17.25	178	129325	1.198	ng		97
26) Fluoranthene	19.19	202	1470813	9.547	ng		98
28) Pyrene	19.55	202	1597700	10.682	ng		95
30) Benzo(a)anthracene	21.29	228	1008308	7.431	ng	#	91
31) Chrysene	21.34	228	885206	5.552	ng		96
32) Bis(2-ethylhexyl)phthalate	21.24	149	45178	0.475	ng		99
33) Indeno(1,2,3-cd)pyrene	26.33	276	497235	3.580	ng		97
35) Benzo(b)fluoranthene	23.01	252	1069897	7.004	ng		98
36) Benzo(k)fluoranthene	23.01	252	1069897	6.246	ng		99
37) Benzo(a)pyrene	23.65	252	830858	6.282	ng		98
38) Dibenzo(a,h)anthracene	26.35	278	134468	1.022	ng	#	92
39) Benzo(g,h,i)perylene	27.12	276	503128	3.576	ng		99

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

Quantitation Report (Not Reviewed)

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Acq On : 5 Dec 2019 15:49
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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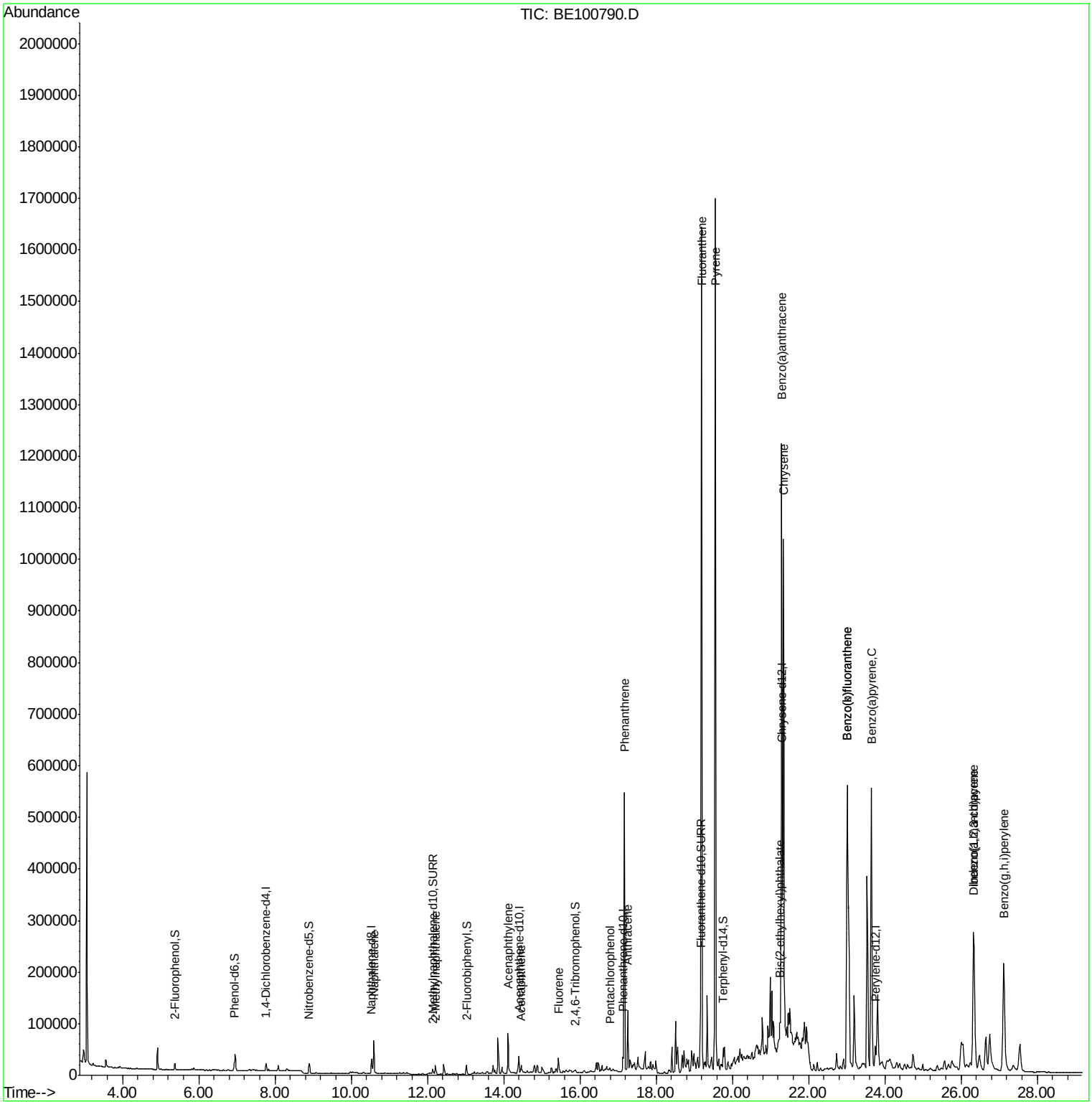
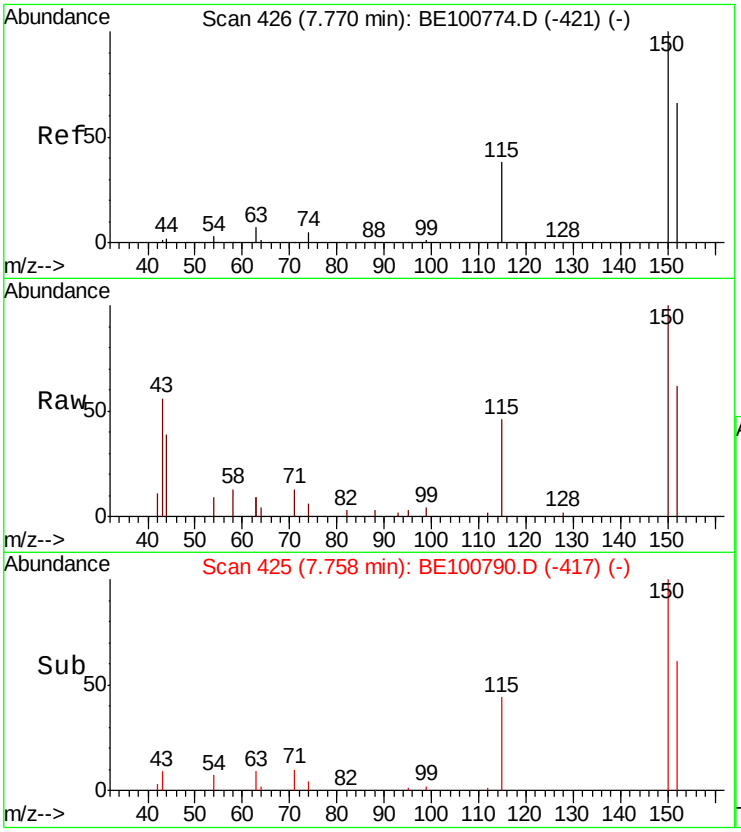
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration

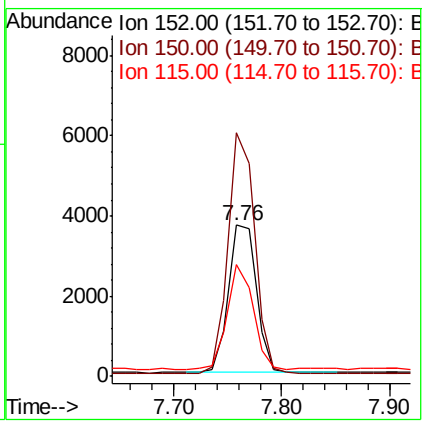




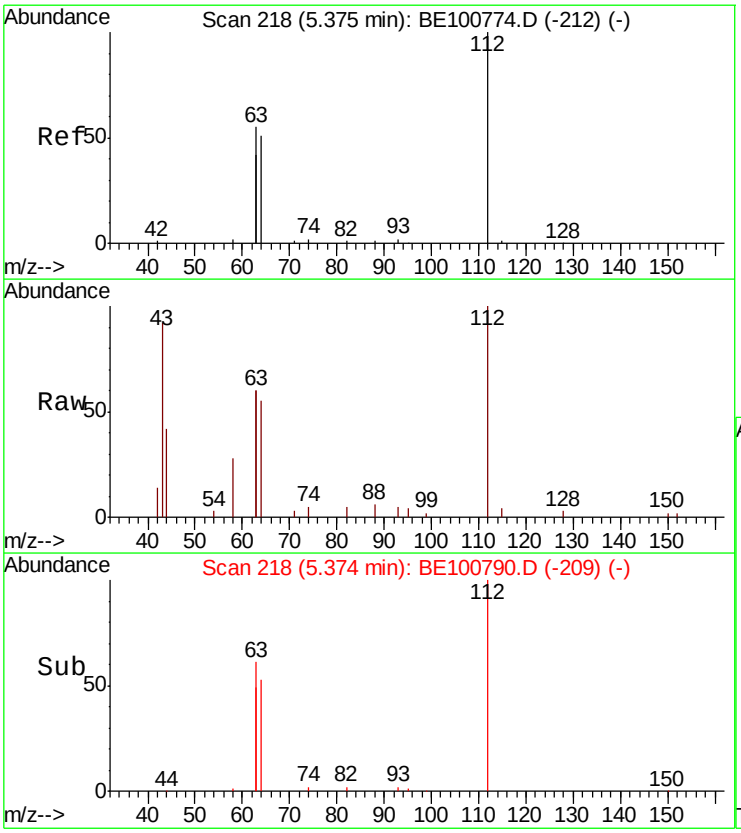
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:152 Resp: 6613

Ion	Ratio	Lower	Upper
152	100		
150	161.1	120.6	181.0
115	74.4	47.4	71.2#



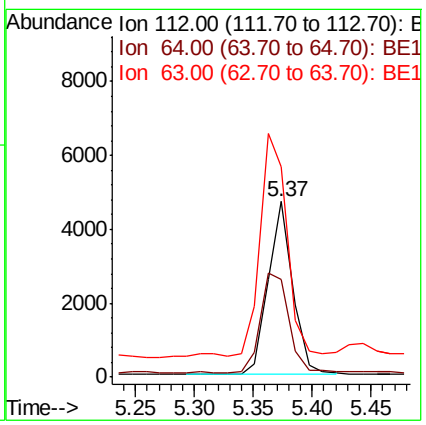
Instrument :
BNA_E
ClientSampleId :

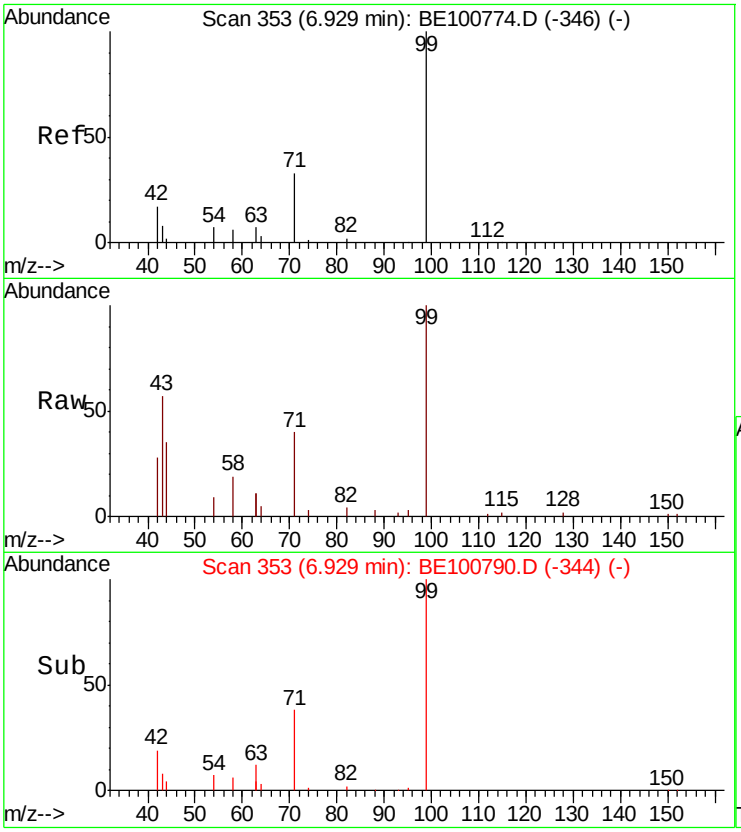


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:112 Resp: 6772

Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.1	81.1
63	143.2	113.2	169.8



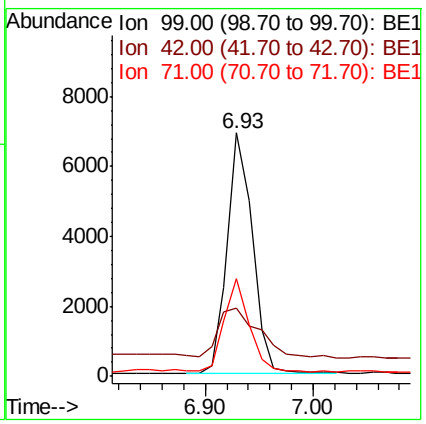


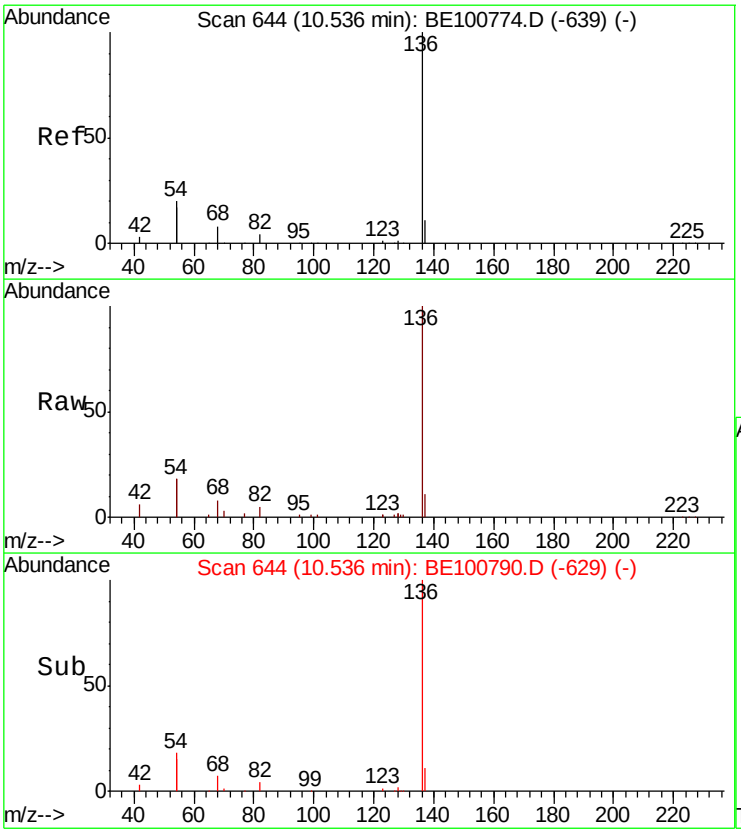
#5
Phenol-d6
Concen: 0.473 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 11201

Ion	Ratio	Lower	Upper
99	100		
42	34.0	19.1	28.7#
71	37.6	27.7	41.5

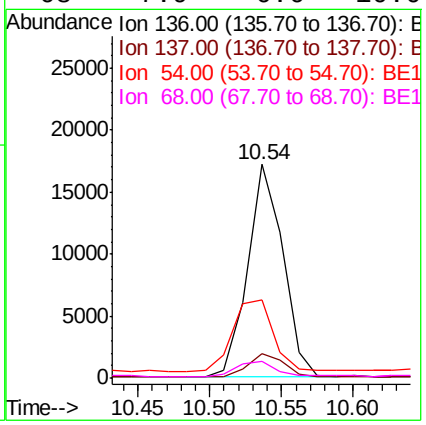


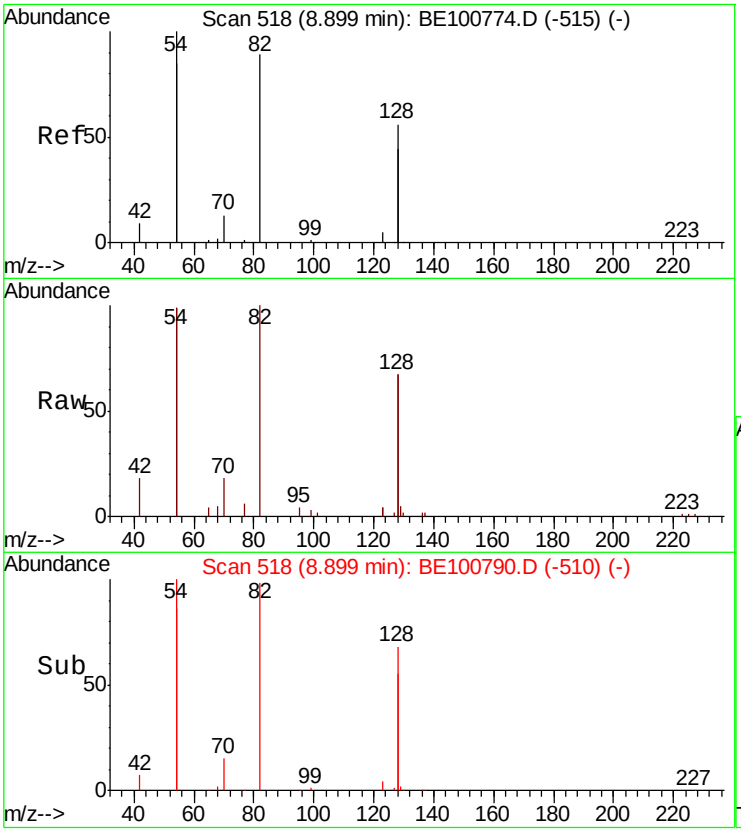


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:136 Resp: 29380

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	36.3	31.1	46.7
68	7.9	6.6	10.0



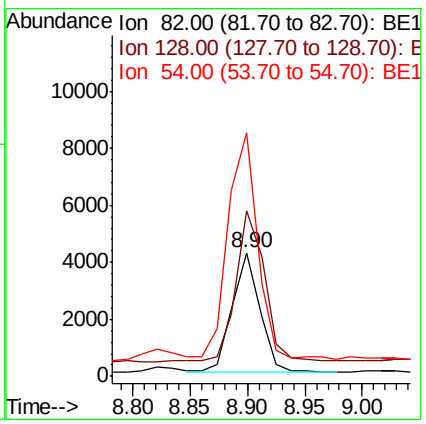


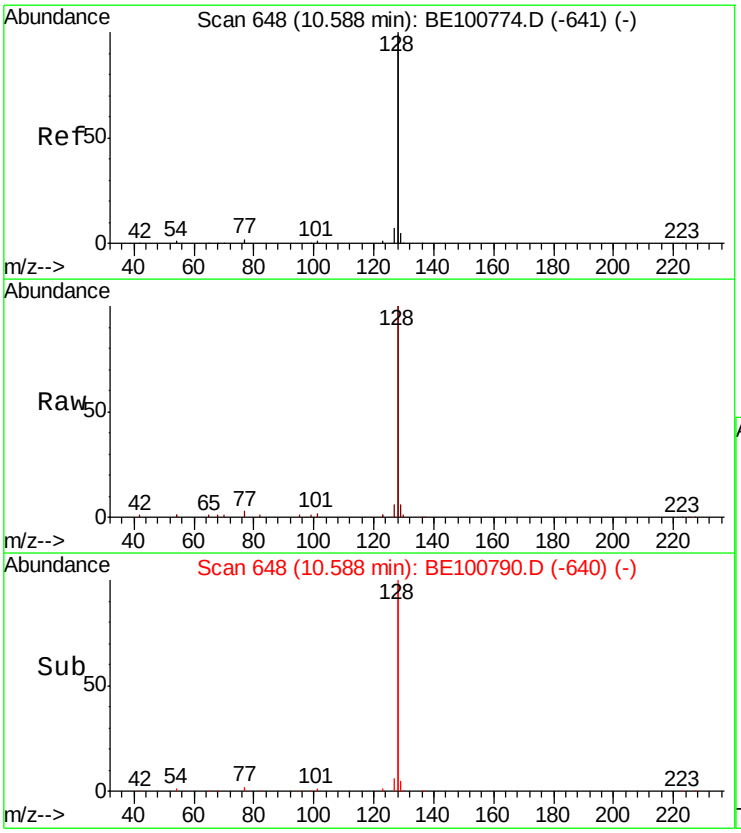
#8
Nitrobenzene-d5
Concen: 0.493 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 6902

Ion	Ratio	Lower	Upper
82	100		
128	134.2	97.0	145.4
54	197.3	171.8	257.6

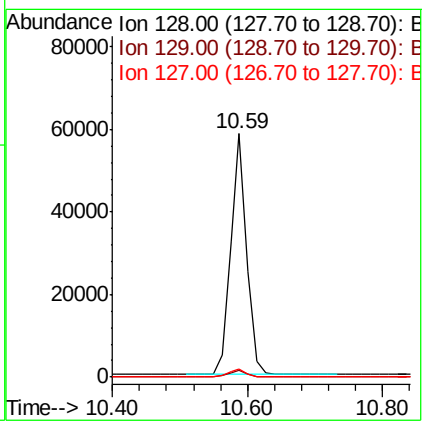


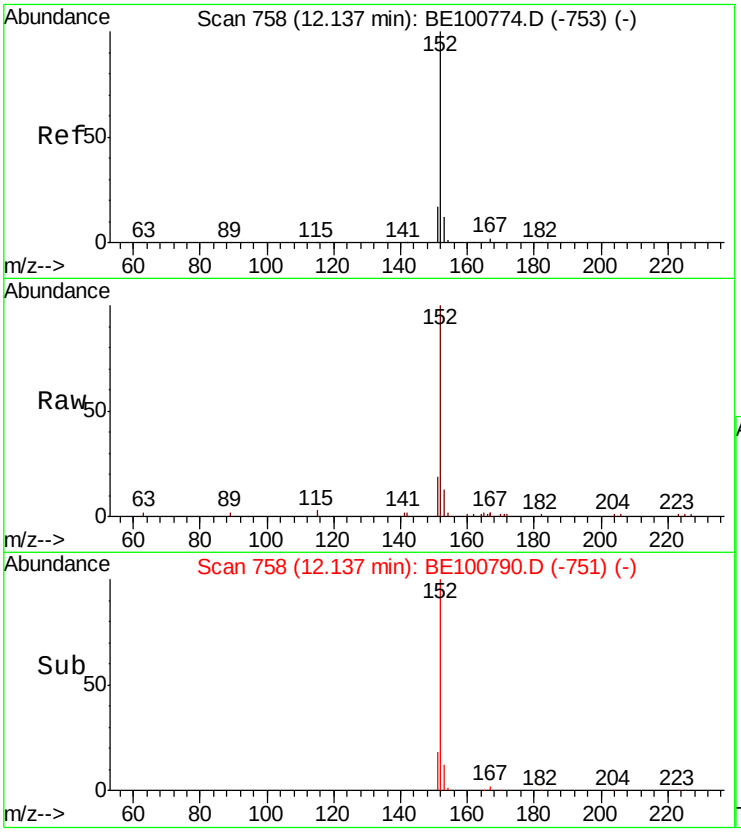


#9
Naphthalene
Concen: 0.311 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:128 Resp: 97116

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.4
127	3.2	2.7	4.1



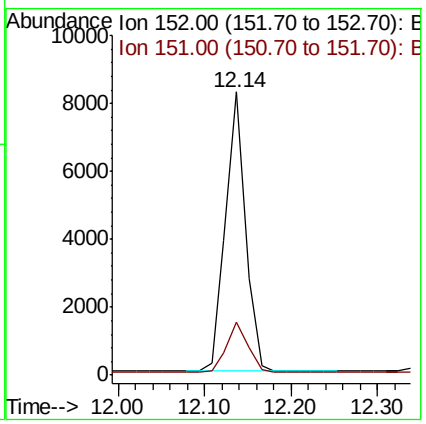


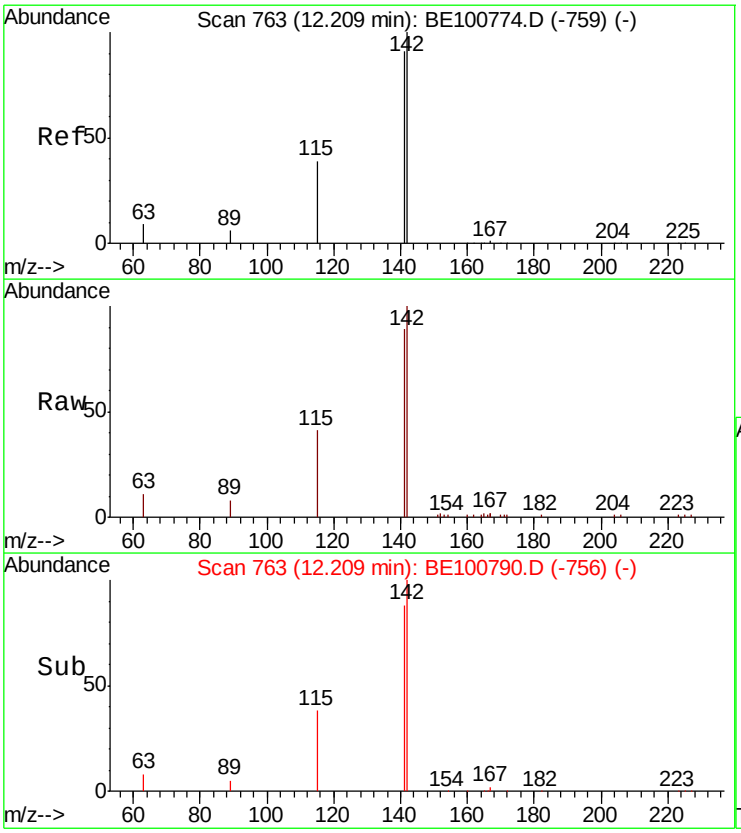
#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13184

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8

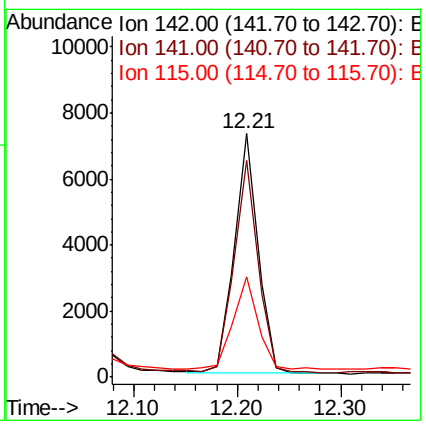


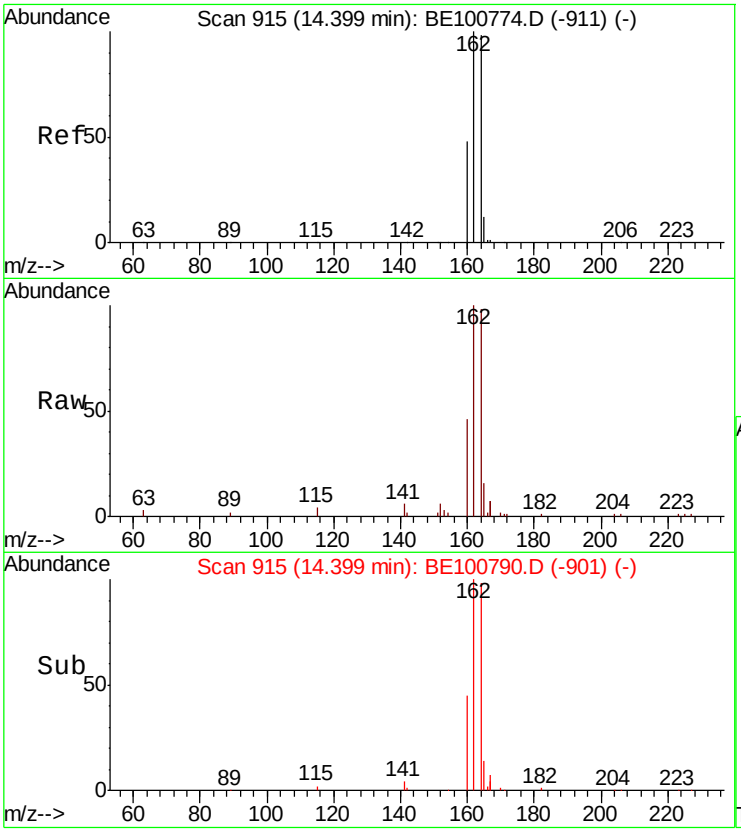


#12
2-Methylnaphthalene
Concen: 0.237 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:142 Resp: 11545

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8
115	41.4	31.8	47.6



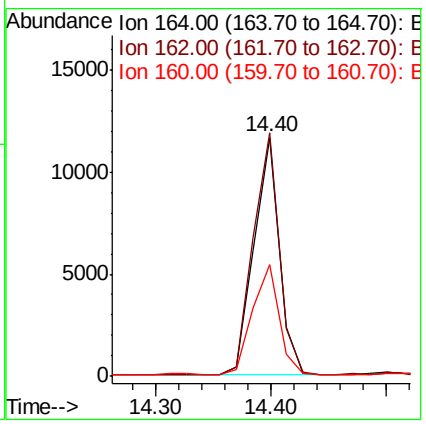


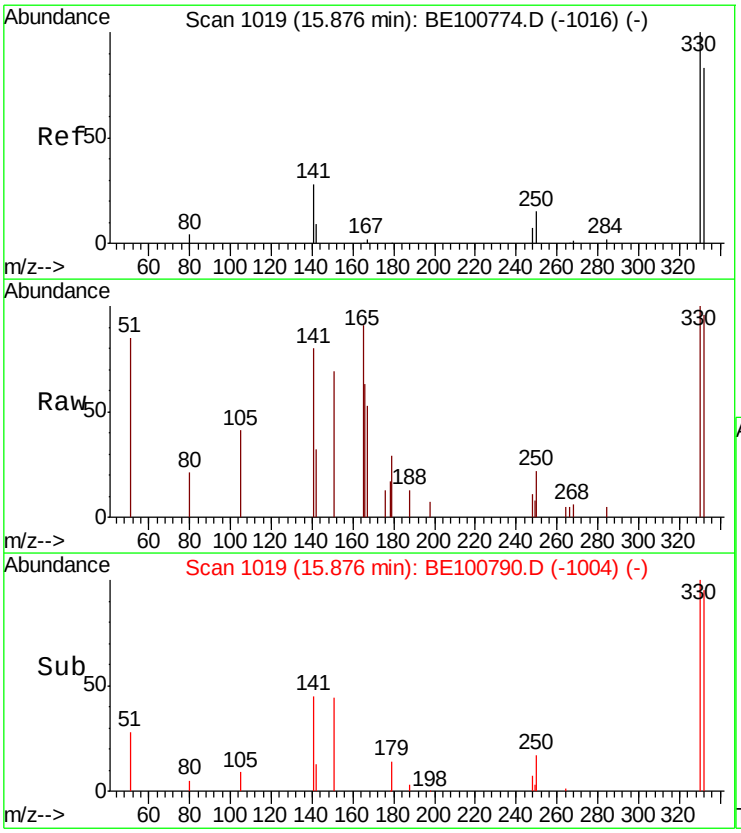
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 17691

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	46.8	39.4	59.0

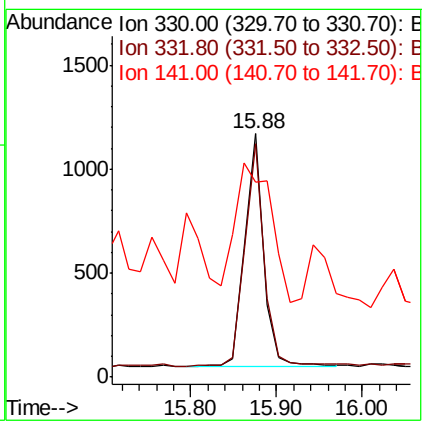


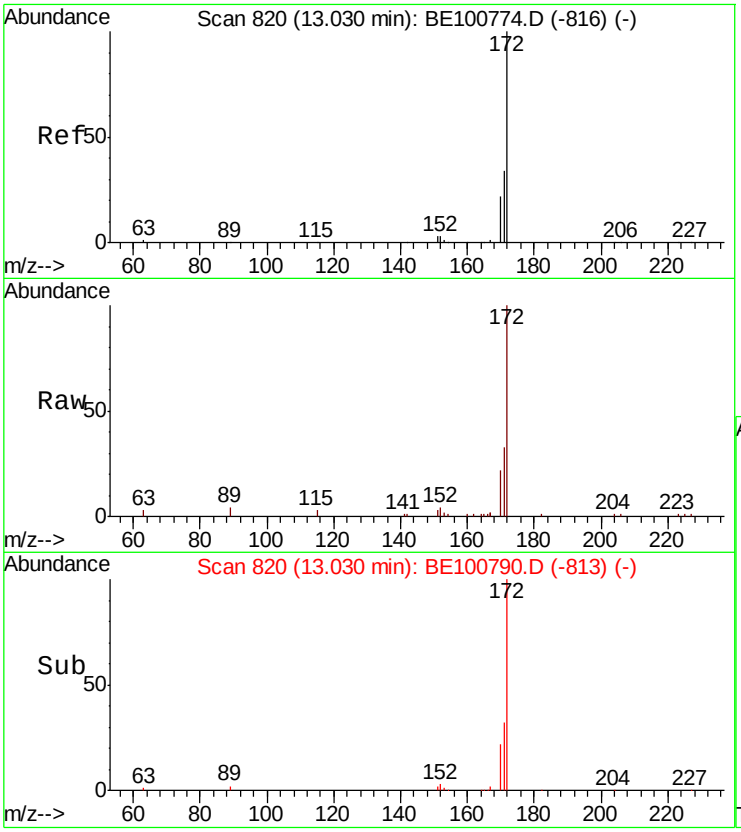


#14
2,4,6-Tribromophenol
Concen: 0.870 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:330 Resp: 1712

Ion	Ratio	Lower	Upper
330	100		
332	98.4	69.4	104.2
141	111.4	51.1	76.7#



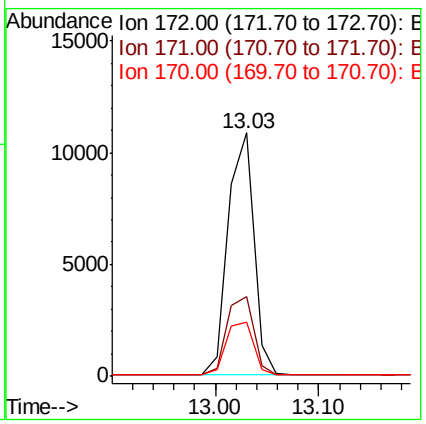


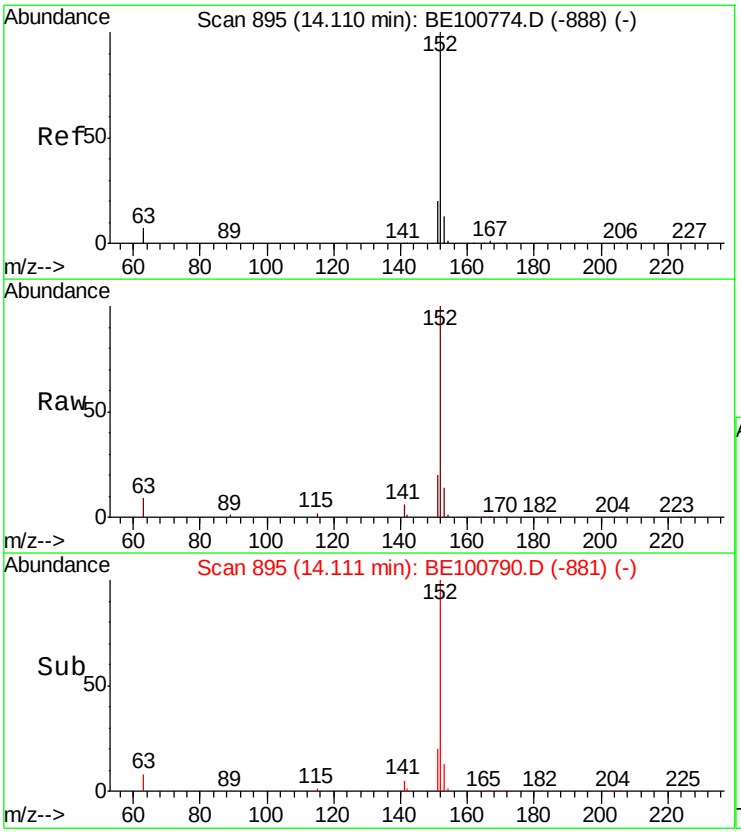
#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 18626

Ion	Ratio	Lower	Upper
172	100		
171	32.6	27.2	40.8
170	22.2	18.0	27.0

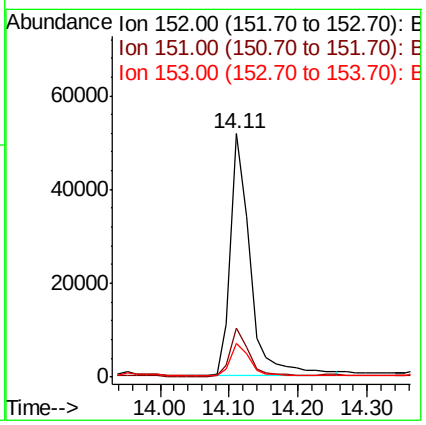


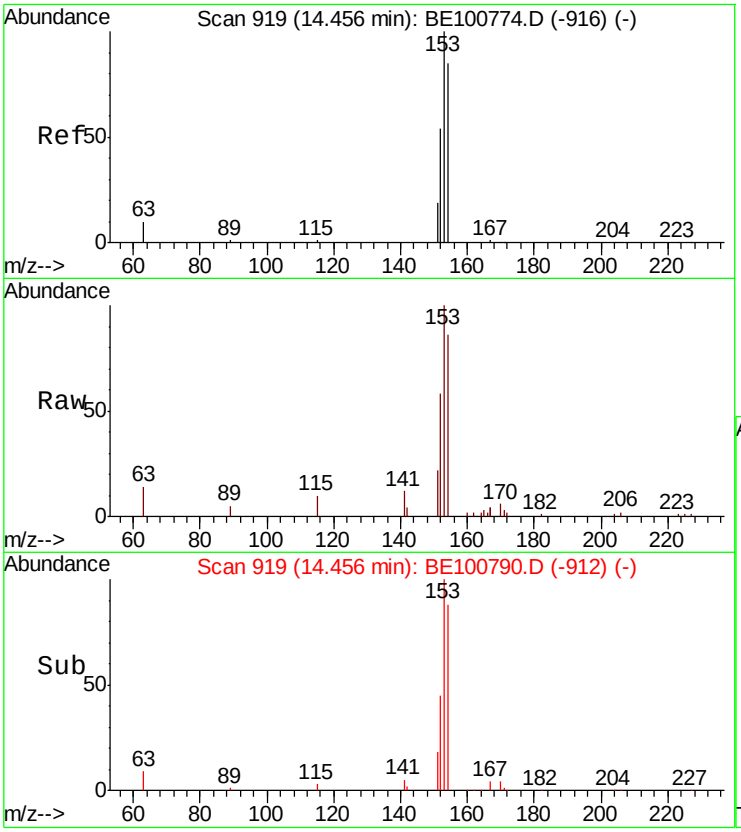


#16
Acenaphthylene
Concen: 1.382 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:152 Resp: 101174

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.9	10.4	15.6



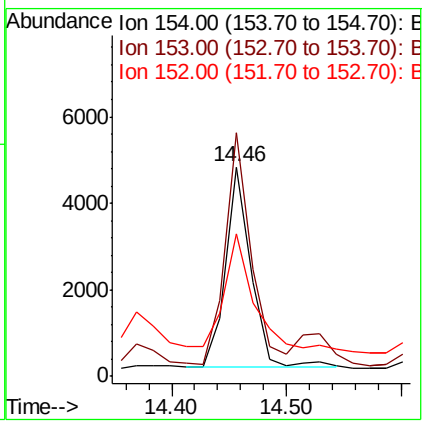


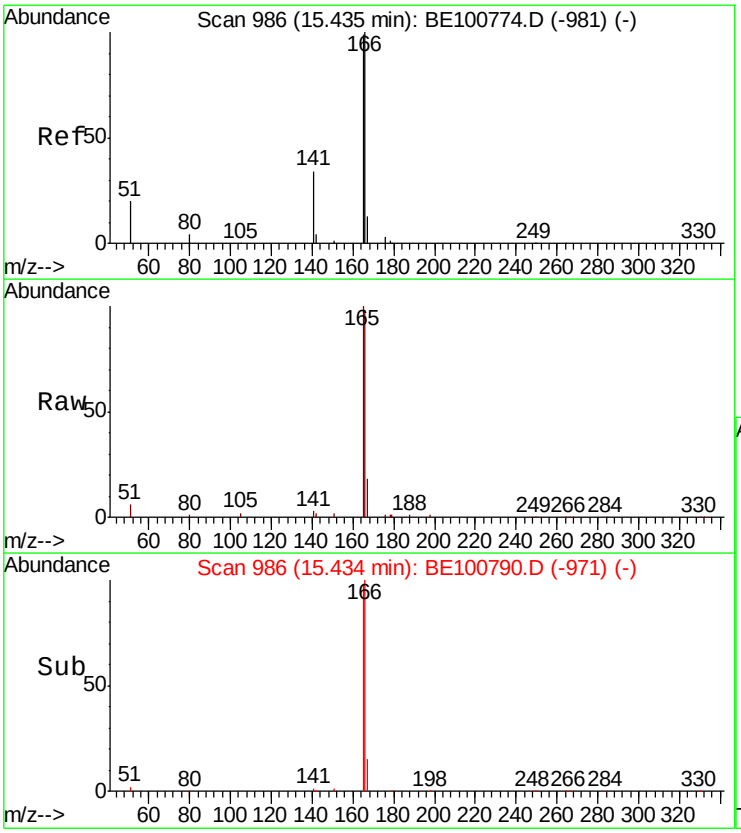
#17
Acenaphthene
Concen: 0.141 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7119

Ion	Ratio	Lower	Upper
154	100		
153	116.4	92.2	138.2
152	64.3	49.1	73.7

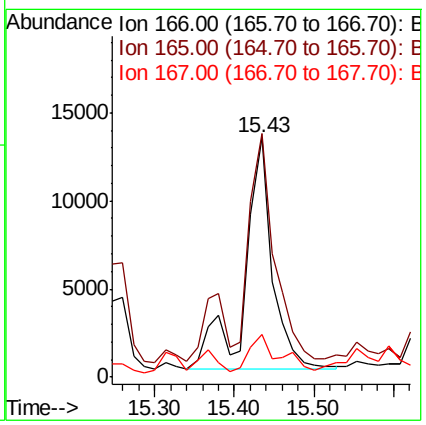


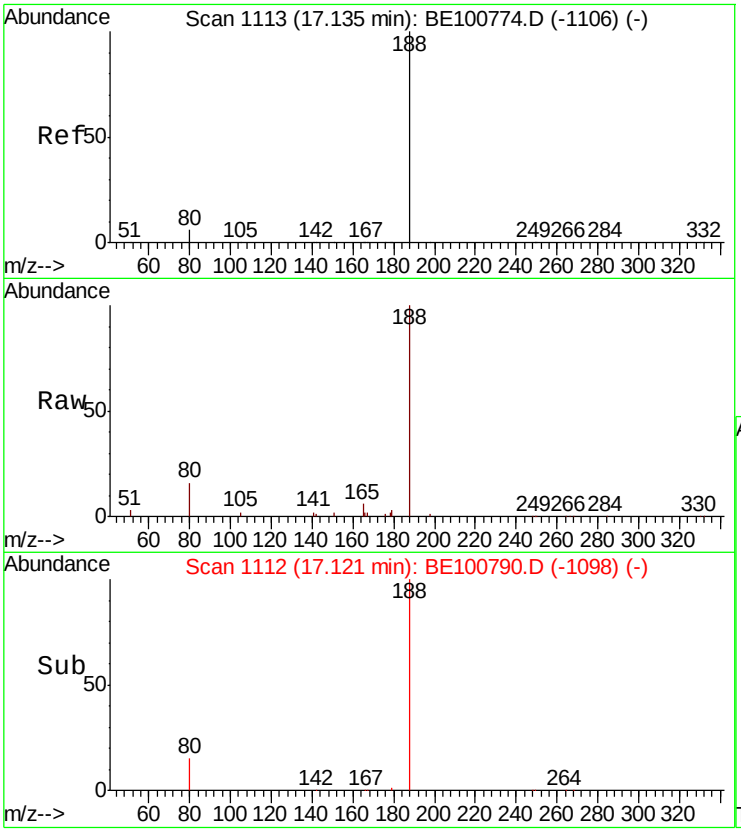


#18
Fluorene
Concen: 0.478 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:166 Resp: 31078

Ion	Ratio	Lower	Upper
166	100		
165	89.5	80.5	120.7
167	16.5	10.7	16.1#



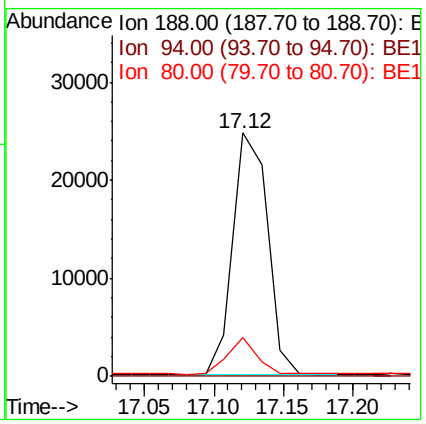


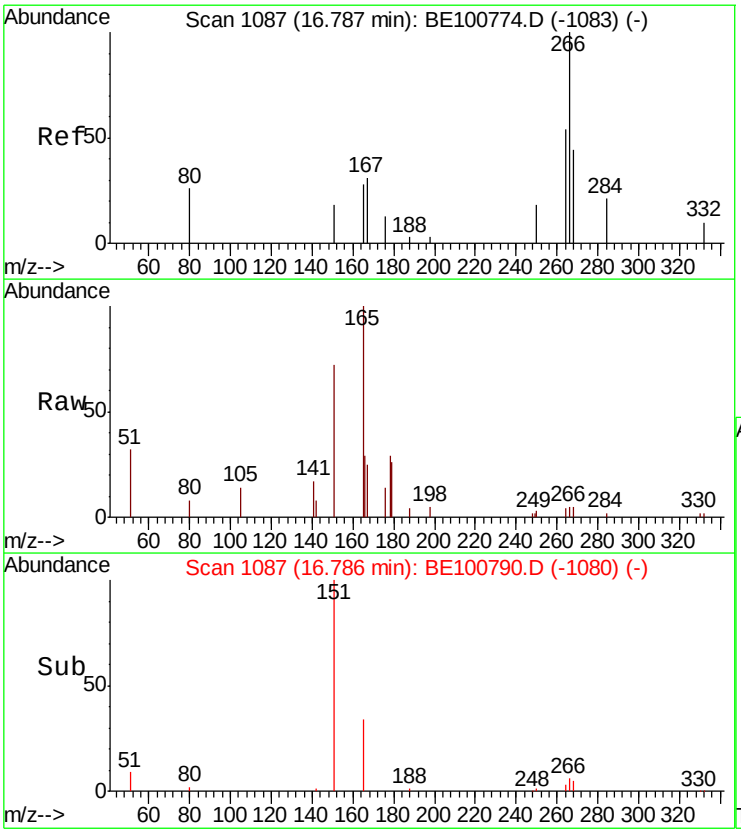
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 42615

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	5.2	7.8#

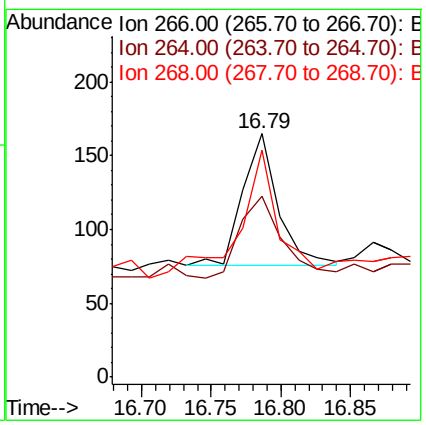


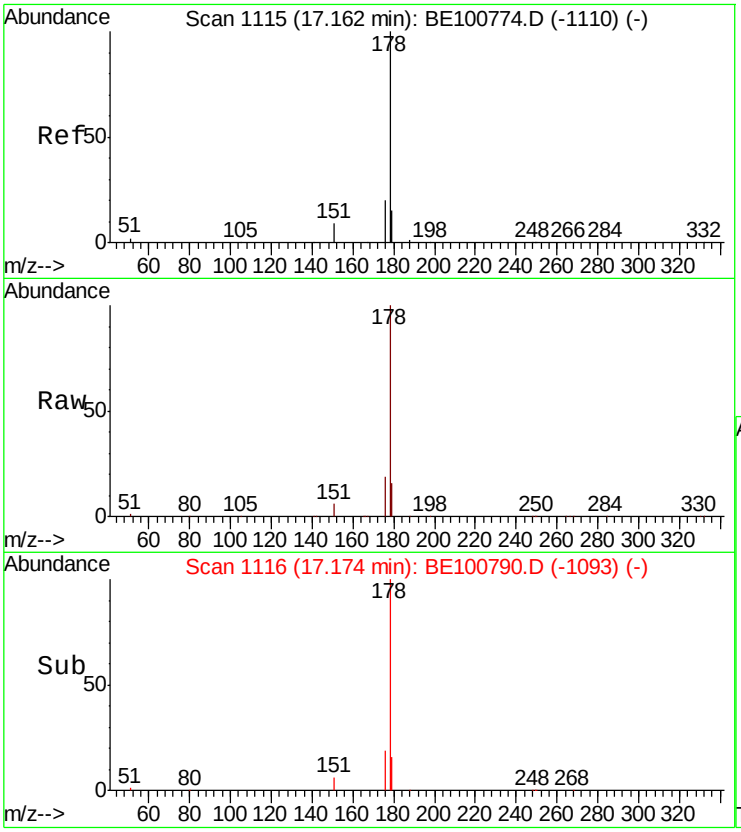


#22
Pentachlorophenol
Concen: 0.099 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:266 Resp: 156

Ion	Ratio	Lower	Upper
266	100		
264	74.5	63.4	95.0
268	93.3	65.8	98.8



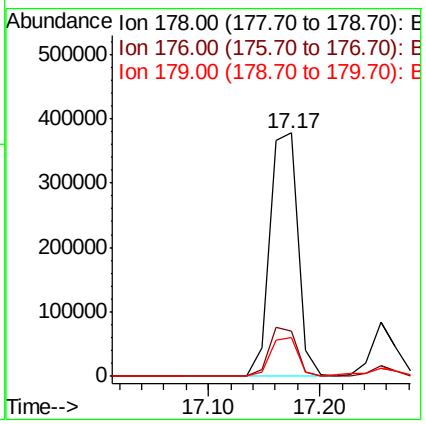


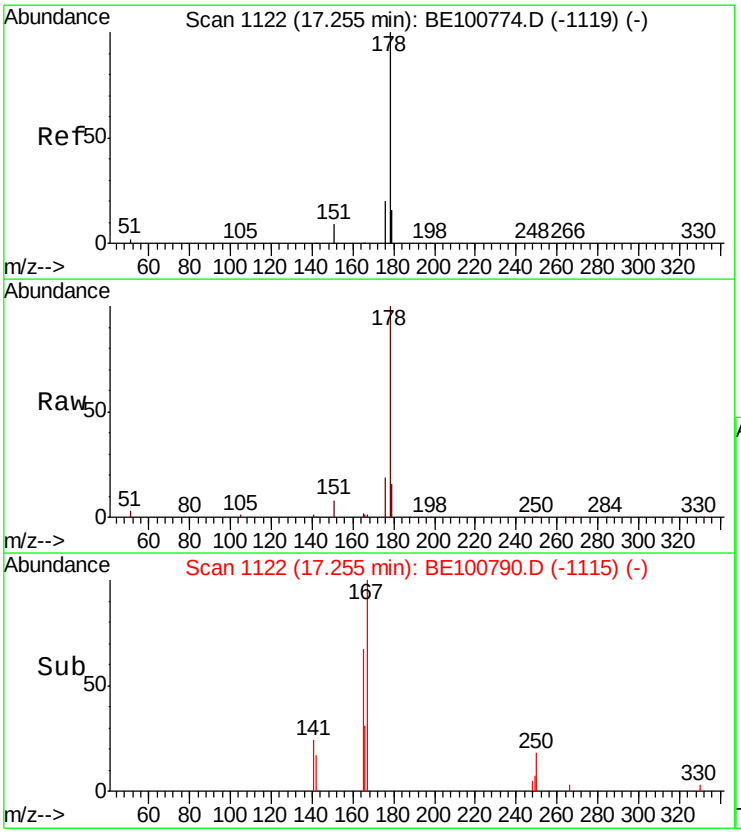
#23
Phenanthrene
Concen: 5.176 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 668100

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.3	18.5

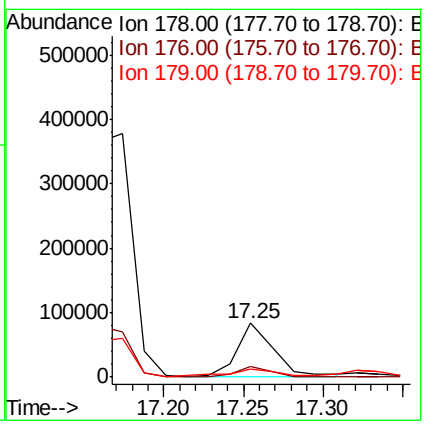


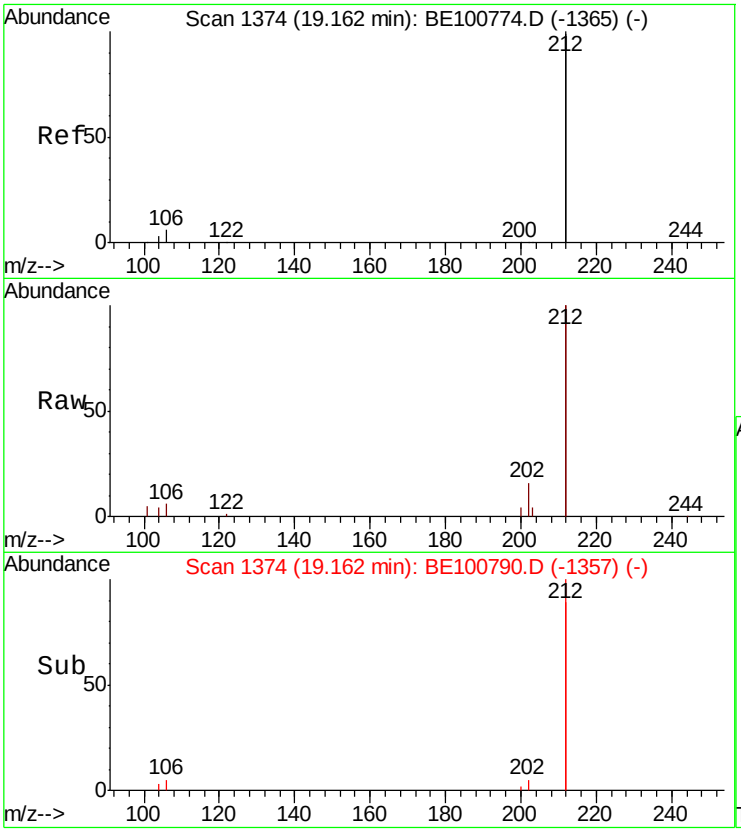


#24
Anthracene
Concen: 1.198 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:178 Resp: 129325

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.2	12.7	19.1



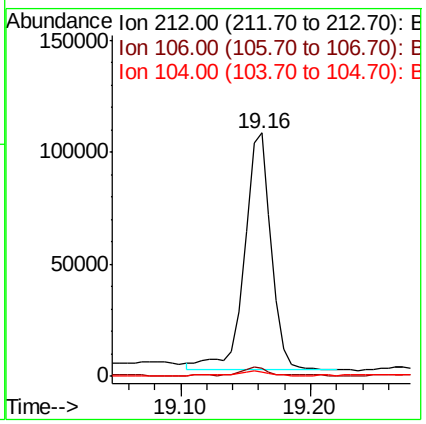


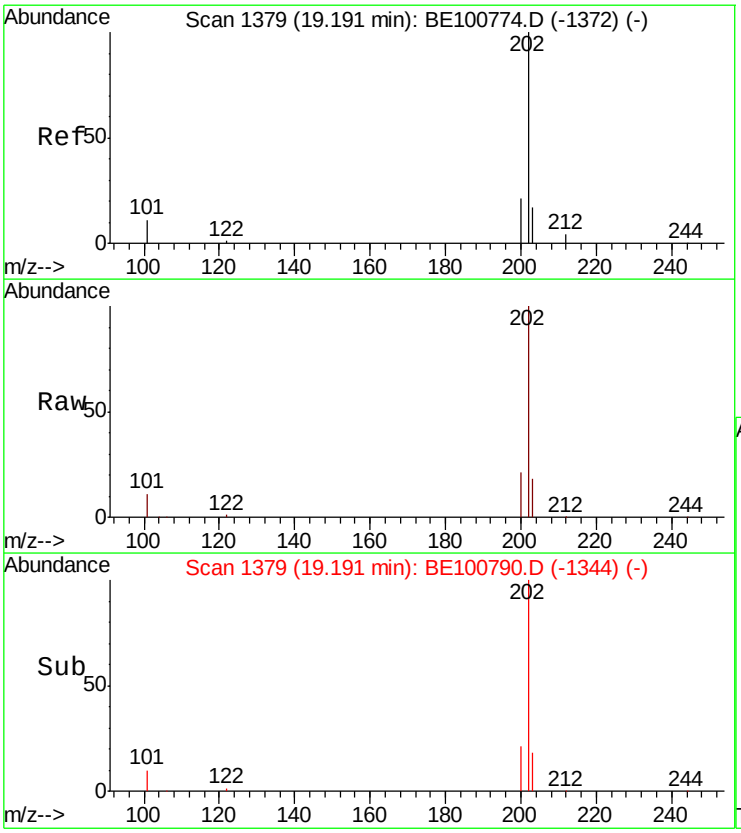
#25
Fluoranthene-d10
Concen: 0.300 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 151105

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	2.3	1.4	2.2#

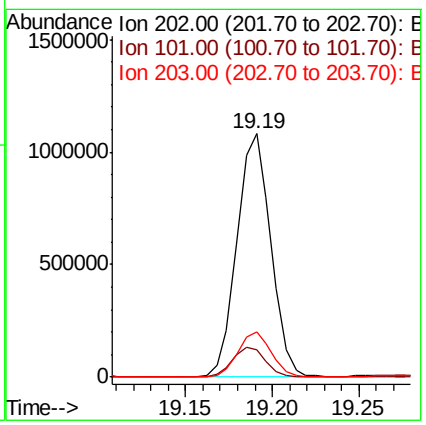


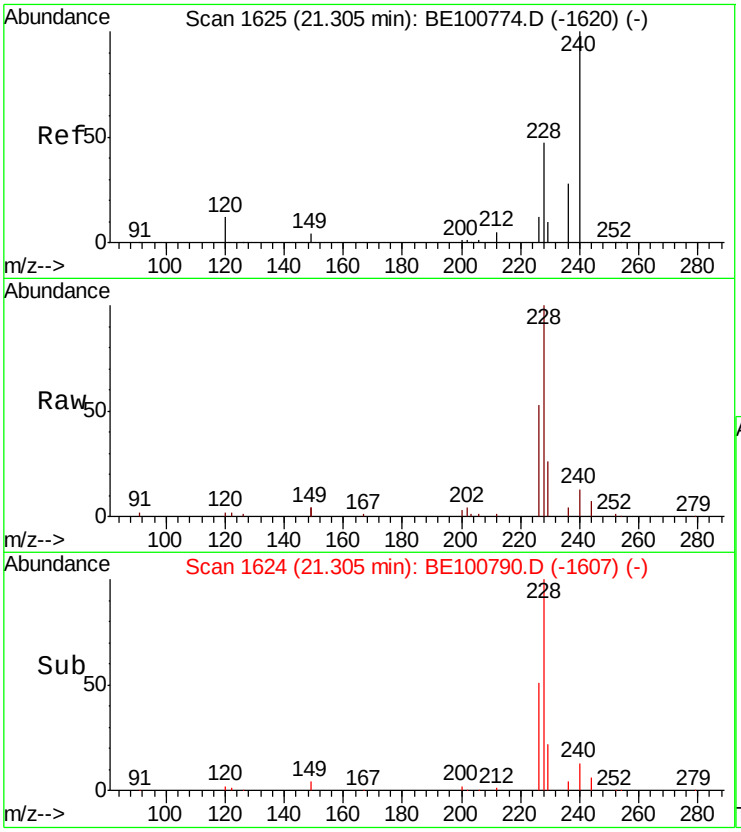


#26
Fluoranthene
Concen: 9.547 ng
RT: 19.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:202 Resp: 1470813

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
203	18.1	13.8	20.6



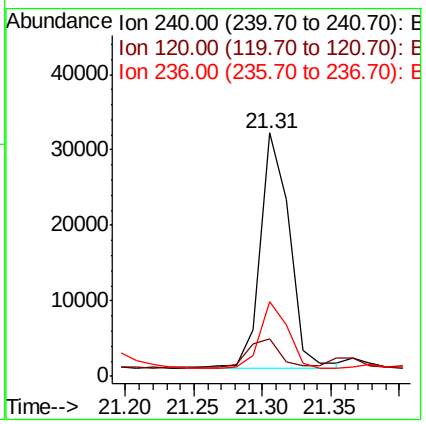


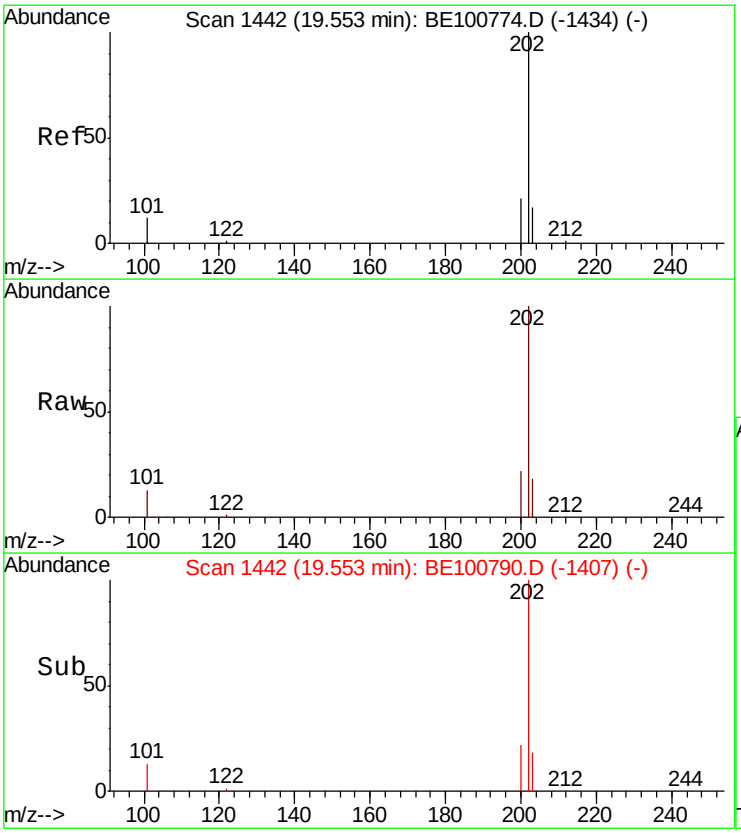
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 46033

Ion	Ratio	Lower	Upper
240	100		
120	15.2	10.2	15.2
236	30.9	22.3	33.5

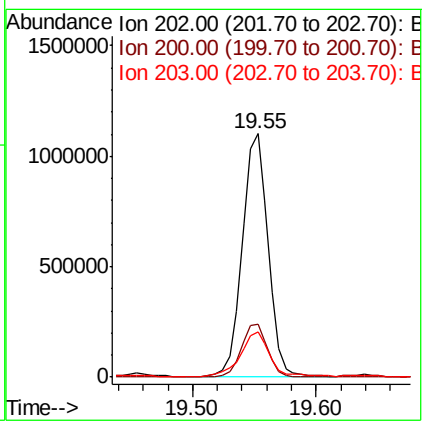


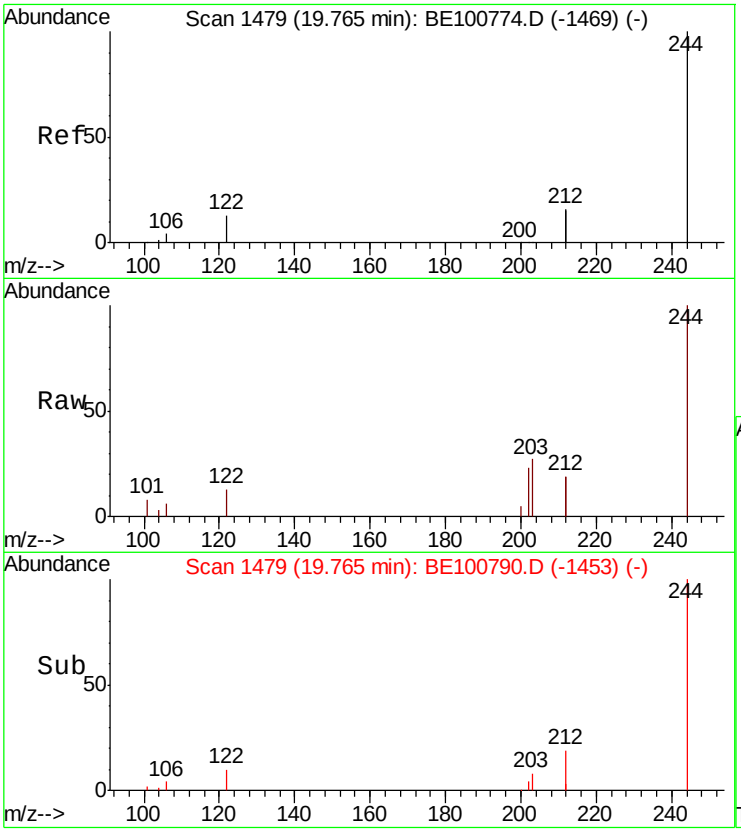


#28
Pyrene
Concen: 10.682 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:202 Resp: 1597700

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.0	25.4
203	20.8	13.9	20.9



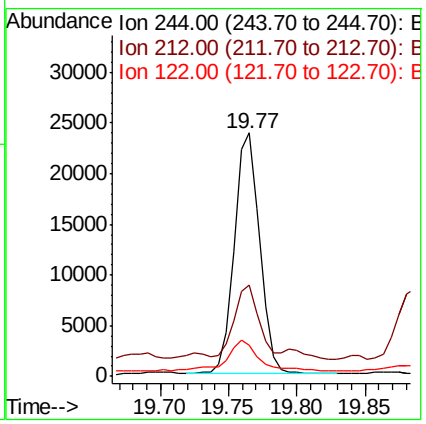


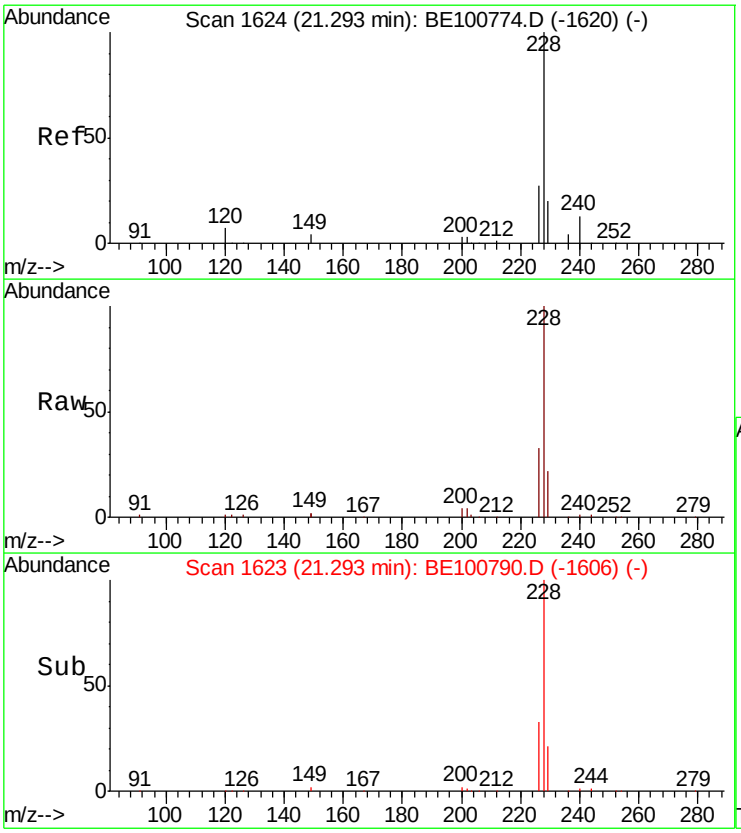
#29
Terphenyl-d14
Concen: 0.277 ng
RT: 19.77 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 30574

Ion	Ratio	Lower	Upper
244	100		
212	37.4	26.2	39.4
122	12.9	10.2	15.4

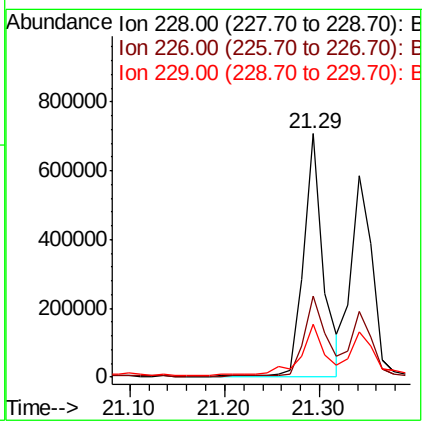


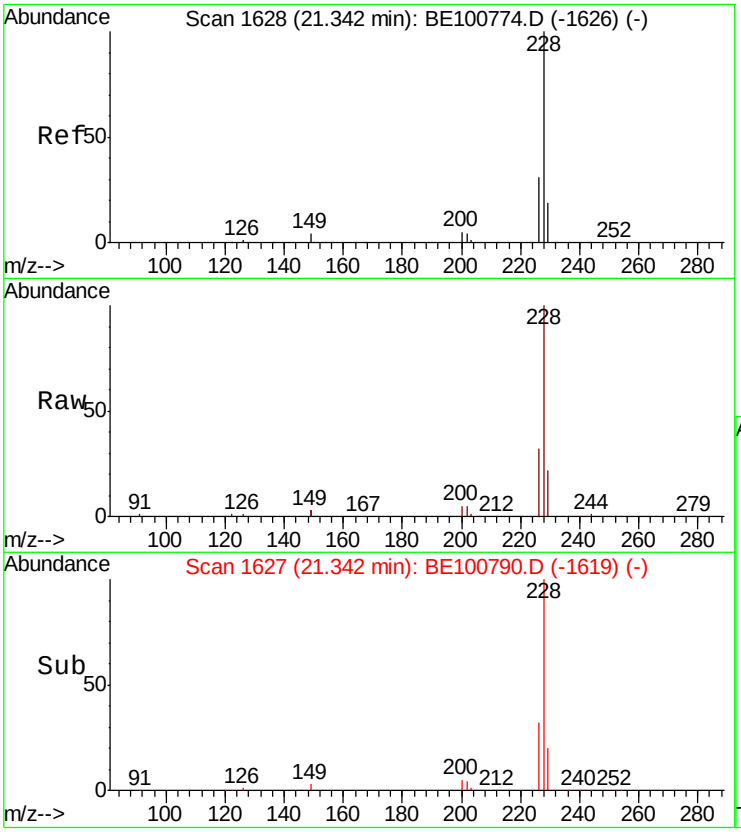


#30
Benzo(a)anthracene
Concen: 7.431 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:228 Resp: 1008308

Ion	Ratio	Lower	Upper
228	100		
226	33.5	21.5	32.3#
229	21.6	16.0	24.0



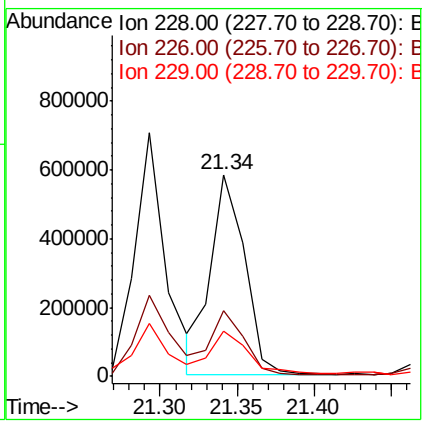


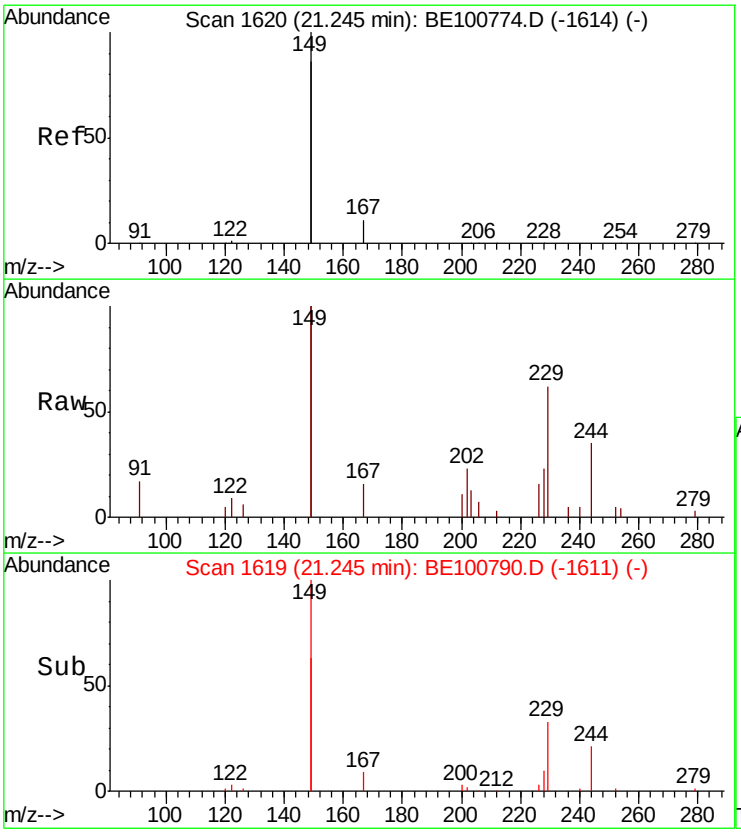
#31
Chrysene
Concen: 5.552 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 885206

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.4
229	22.4	15.4	23.2

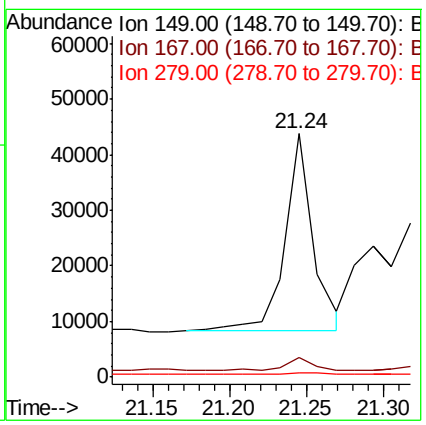


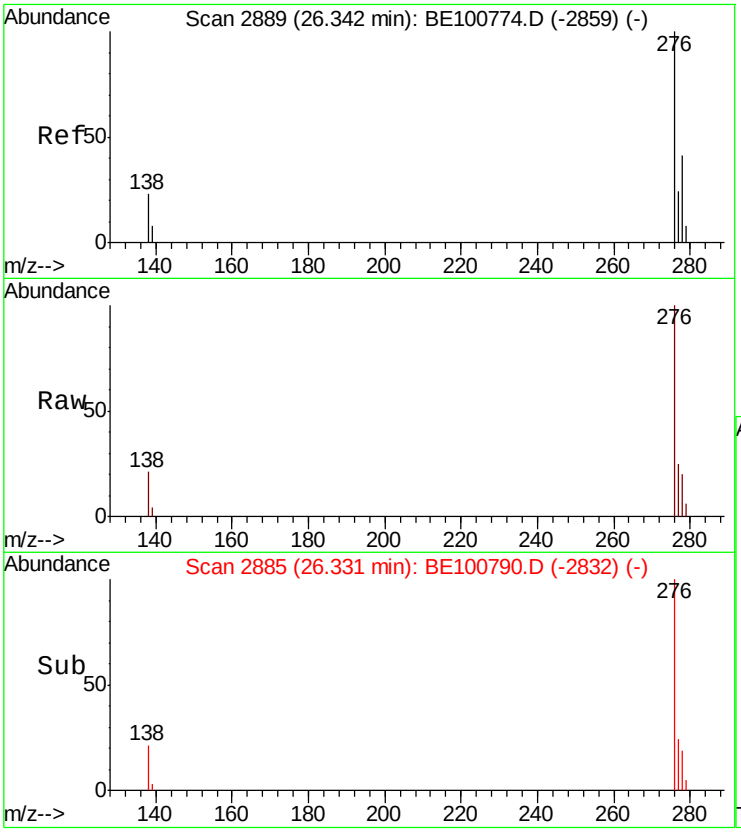


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.475 ng
RT: 21.24 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:149 Resp: 45178

Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.0	7.6
279	0.9	0.7	1.1



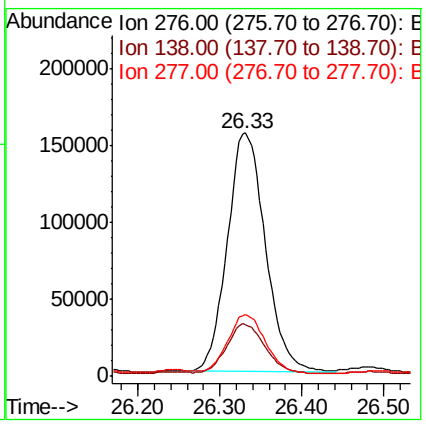


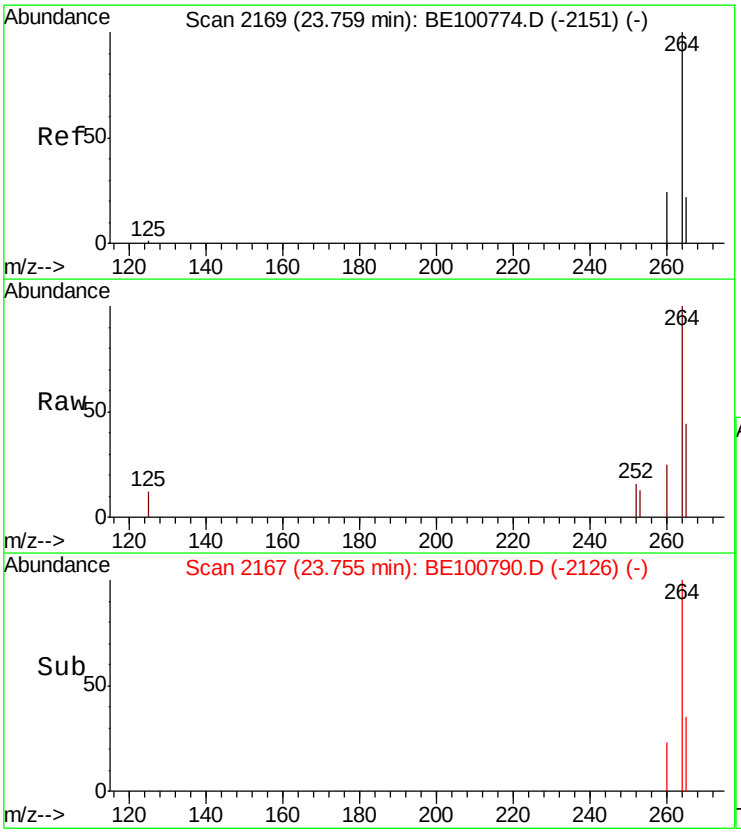
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.580 ng
RT: 26.33 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 497235

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.4	29.0
277	25.0	19.8	29.6

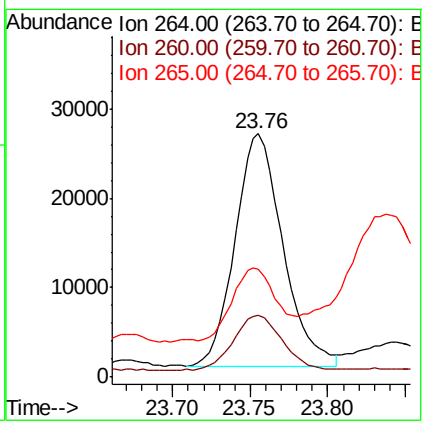


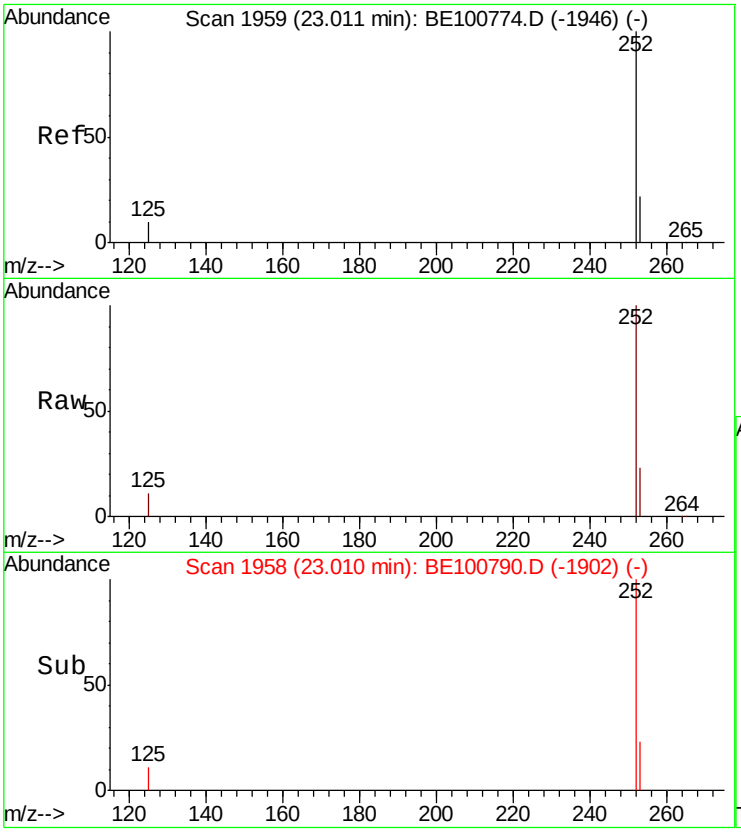


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:264 Resp: 55797

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	44.1	21.8	32.8#



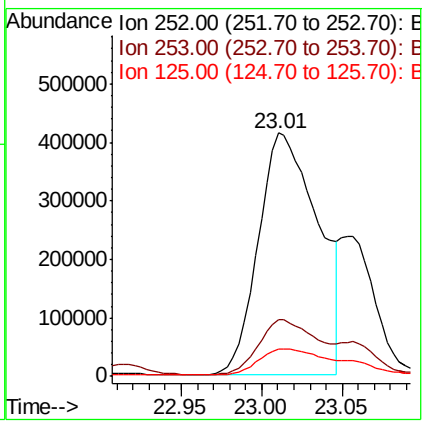


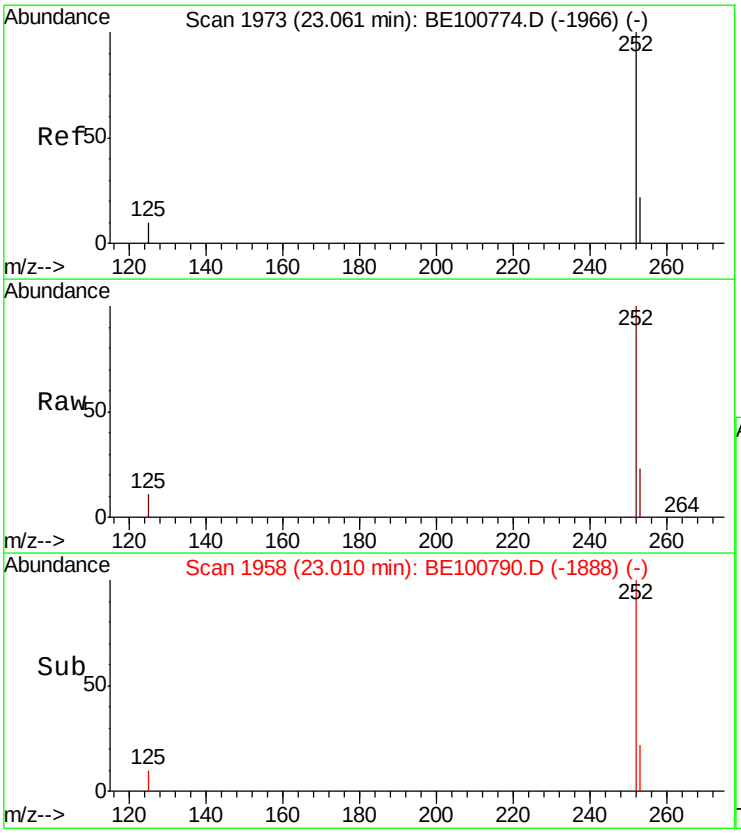
#35
Benzo(b)fluoranthene
Concen: 7.004 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1069897

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.0	9.0	13.4

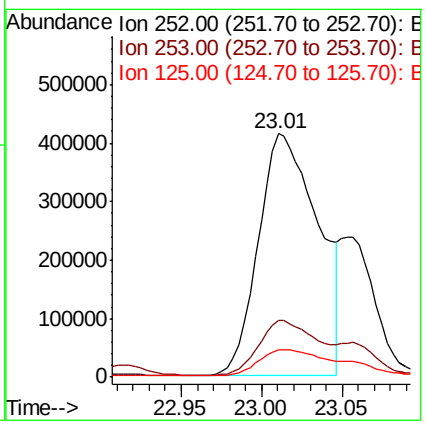


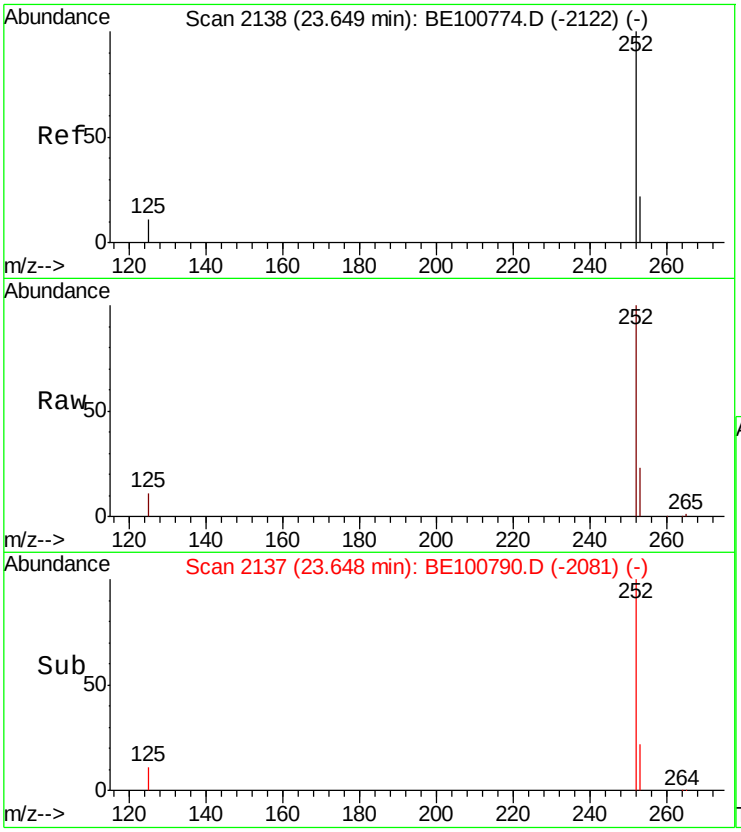


#36
Benzo(k)fluoranthene
Concen: 6.246 ng
RT: 23.01 min Scan# 1958
Delta R.T. -0.05 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:252 Resp: 1069897

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	11.0	8.7	13.1



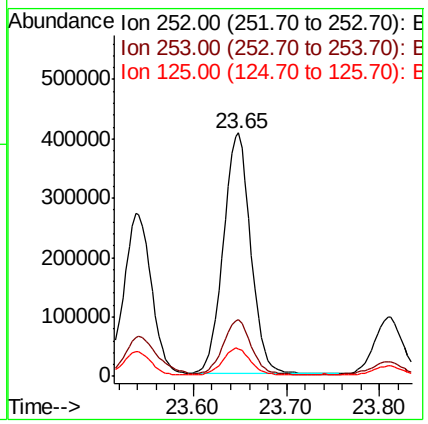


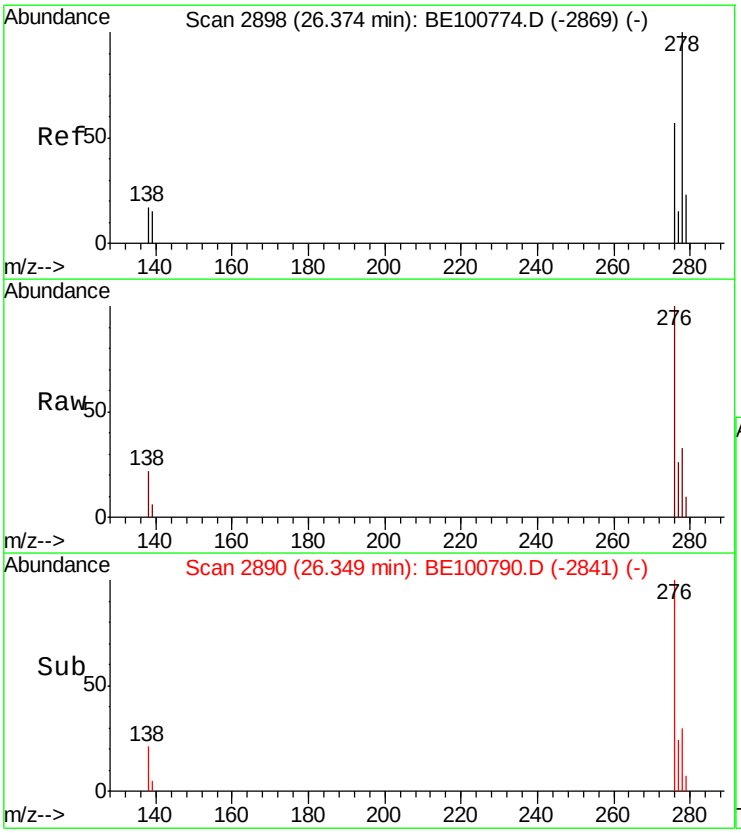
#37
Benzo(a)pyrene
Concen: 6.282 ng
RT: 23.65 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 830858

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	11.4	10.4	15.6

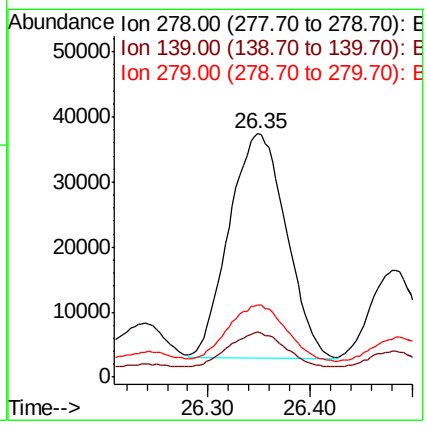


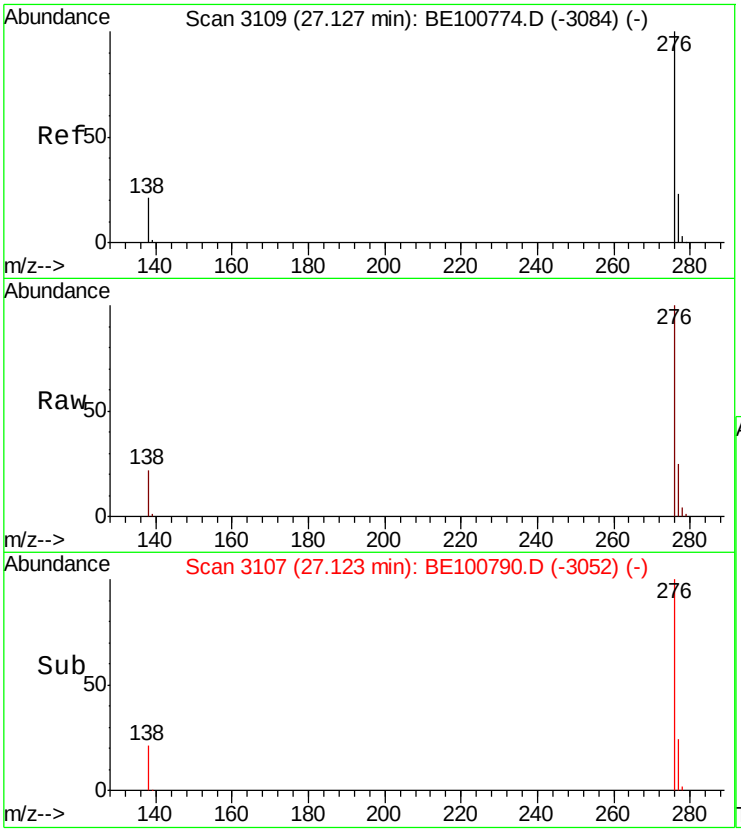


#38
Dibenzo(a,h)anthracene
Concen: 1.022 ng
RT: 26.35 min Scan# 2890
Delta R.T. -0.03 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Tgt Ion:278 Resp: 134468

Ion	Ratio	Lower	Upper
278	100		
139	18.4	13.0	19.4
279	29.6	19.6	29.4#





#39
Benzo(g,h,i)perylene
Concen: 3.576 ng
RT: 27.12 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE100790.D
Acq: 5 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 503128

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	21.5	17.8	26.6