Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
Data File : BE100793.D
Acq On : 5 Dec 2019 17:39
Operator : JU
Sample : K6053-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Dec 05 18:19:09 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	6044	0.40	ng		-0.01
7) Naphthalene-d8	10.54	136	27905	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	16705	0.40	ng		0.00
19) Phenanthrene-d10	17.12	188	40805	0.40	ng		-0.01
27) Chrysene-d12	21.30	240	42349	0.40	ng		0.00
34) Perylene-d12	23.76	264	49908	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	5417	0.38	ng		0.00
5) Phenol-d6	6.93	99	9200	0.42	ng		0.00
8) Nitrobenzene-d5	8.90	82	5997	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	10748	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1468	0.79	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	15044	0.23	ng		0.00
25) Fluoranthene-d10	19.16	212	121489	0.25	ng		0.00
29) Terphenyl-d14	19.77	244	23463	0.23	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.59	128	27185	0.092	ng		99
12) 2-Methylnaphthalene	12.21	142	6359	0.137	ng		97
16) Acenaphthylene	14.11	152	31033	0.449	ng		99
17) Acenaphthene	14.46	154	4049	0.085	ng		97
18) Fluorene	15.43	166	33877	0.552	ng		92
22) Pentachlorophenol	16.79	266	45	0.030	ng		90
23) Phenanthrene	17.16	178	423763	3.429	ng		100
24) Anthracene	17.25	178	101183	0.979	ng	#	92
26) Fluoranthene	19.19	202	484338	3.283	ng		99
28) Pyrene	19.55	202	412461	2.998	ng	#	95
30) Benzo(a)anthracene	21.29	228	284362	2.278	ng		94
31) Chrysene	21.29	228	259293	1.768	ng		97
32) Bis(2-ethylhexyl)phthalate	21.24	149	69991	0.769	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.33	276	78051	0.611	ng		98
35) Benzo(b)fluoranthene	23.01	252	229567	1.680	ng		96
36) Benzo(k)fluoranthene	23.01	252	229567	1.498	ng		96
37) Benzo(a)pyrene	23.64	252	166875	1.411	ng		98
38) Dibenzo(a,h)anthracene	26.35	278	26854	0.228	ng	#	78
39) Benzo(g,h,i)perylene	27.12	276	67871	0.539	ng		96

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

Quantitation Report (Not Reviewed)

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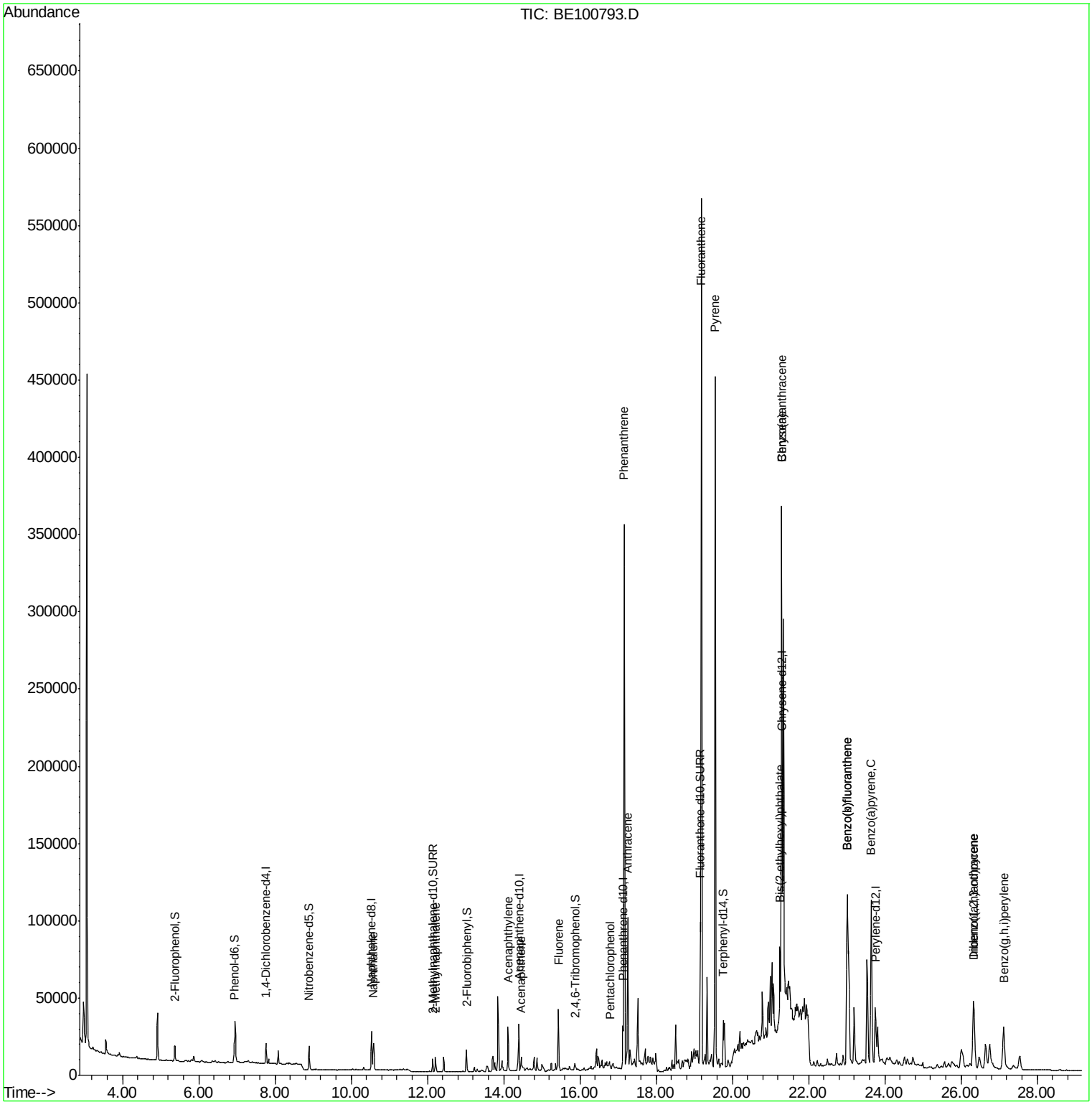
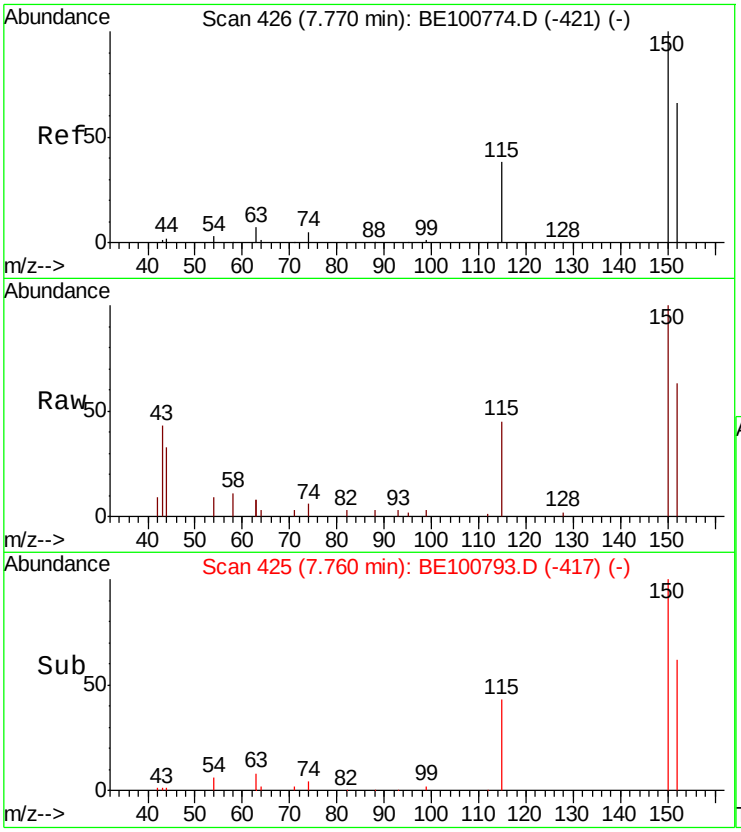
Acq On : 5 Dec 2019 17:39
Operator : JU
Sample : K6053-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 05 18:19:09 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



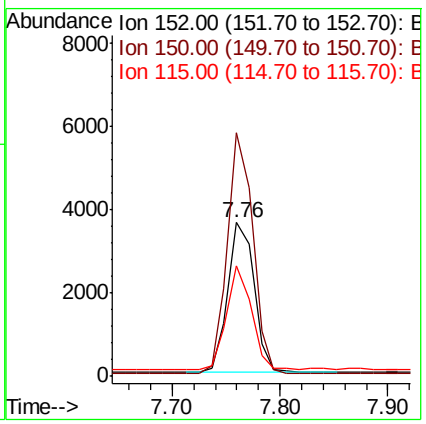


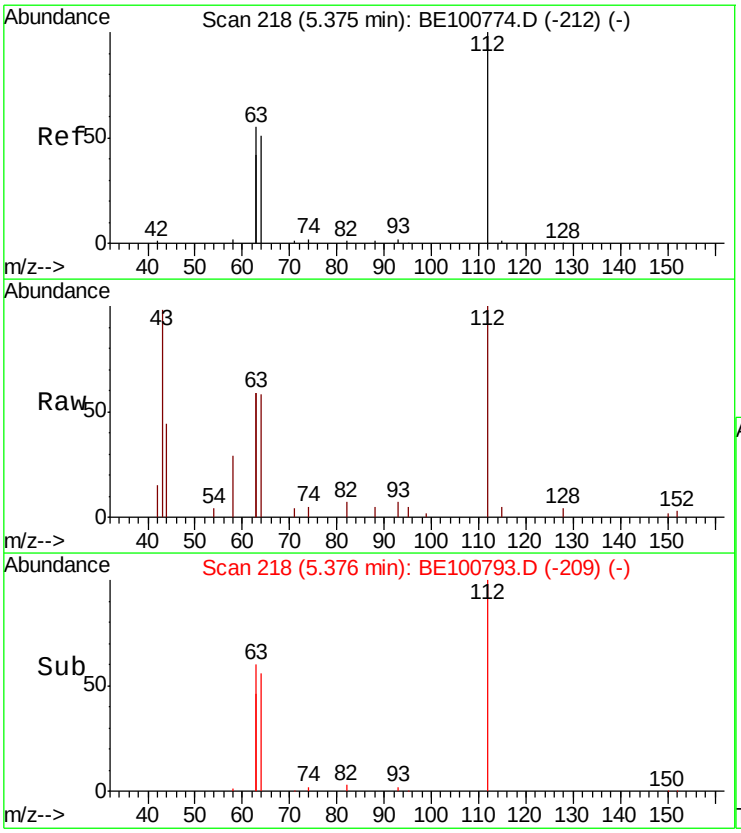
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6044

Ion	Ratio	Lower	Upper
152	100		
150	158.4	120.6	181.0
115	71.9	47.4	71.2#

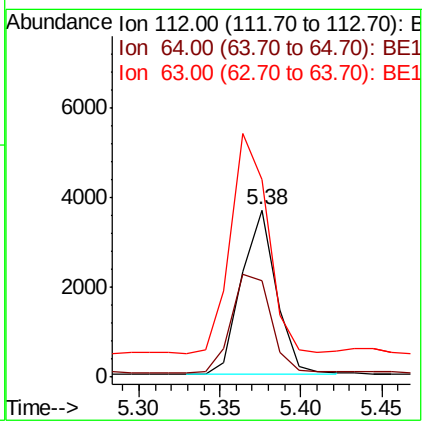


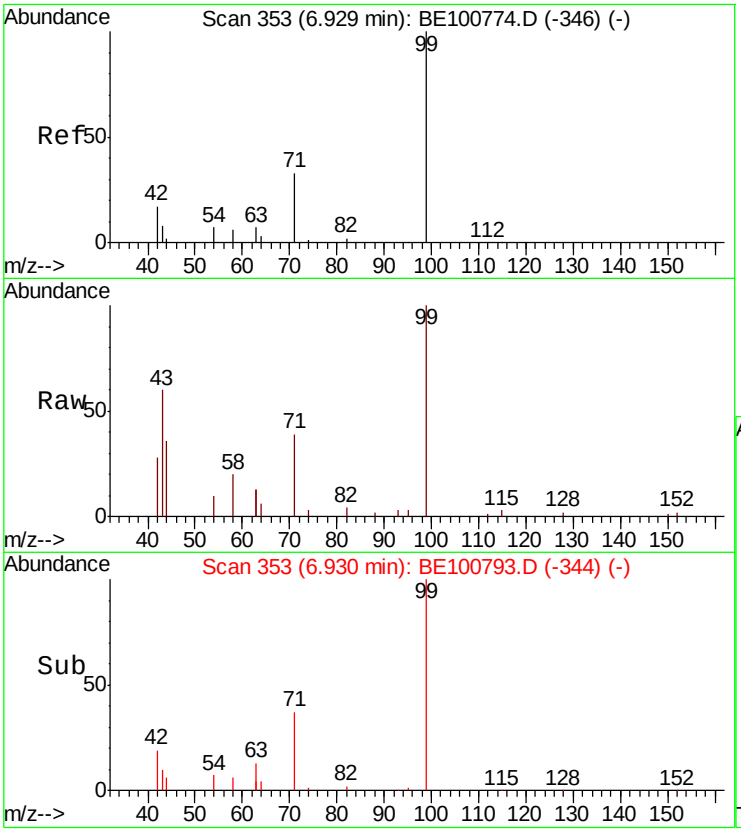


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:112 Resp: 5417

Ion	Ratio	Lower	Upper
112	100		
64	69.3	54.1	81.1
63	144.1	113.2	169.8



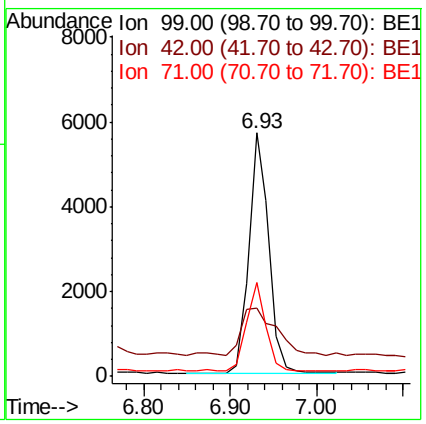


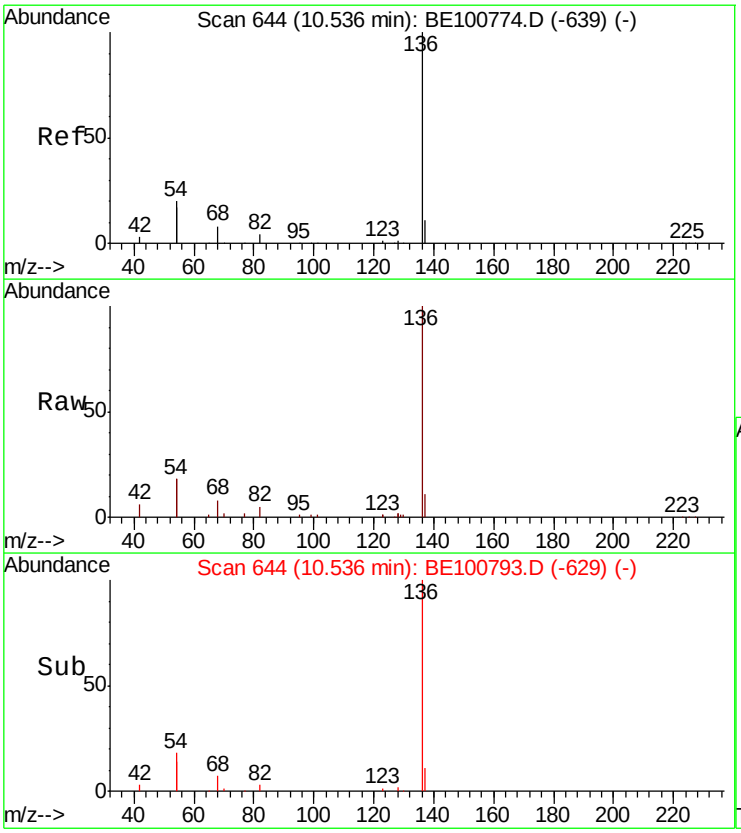
#5
Phenol-d6
Concen: 0.425 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 9200

Ion	Ratio	Lower	Upper
99	100		
42	35.3	19.1	28.7#
71	36.4	27.7	41.5

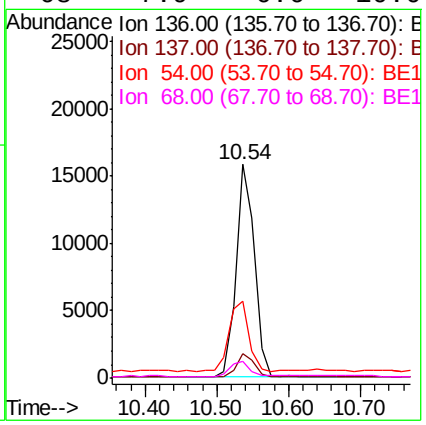


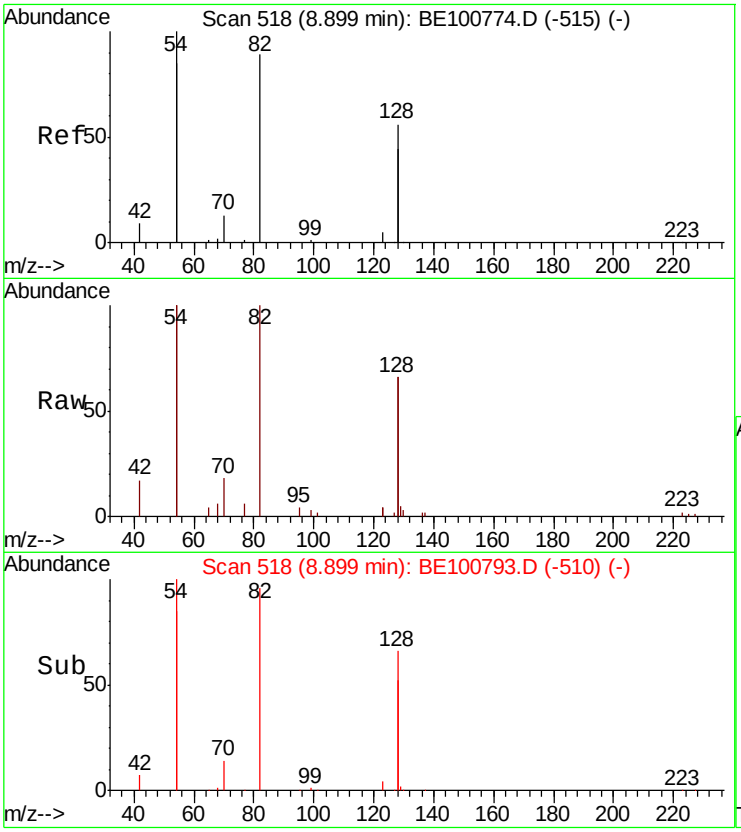


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 644
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:136 Resp: 27905

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	36.2	31.1	46.7
68	7.9	6.6	10.0



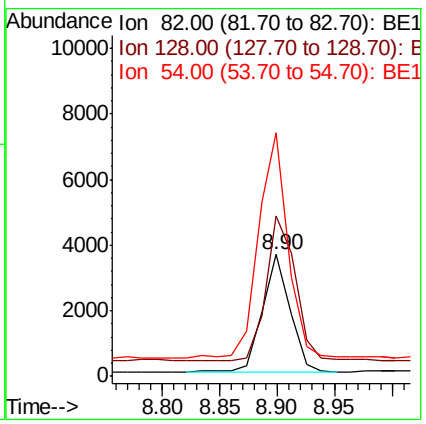


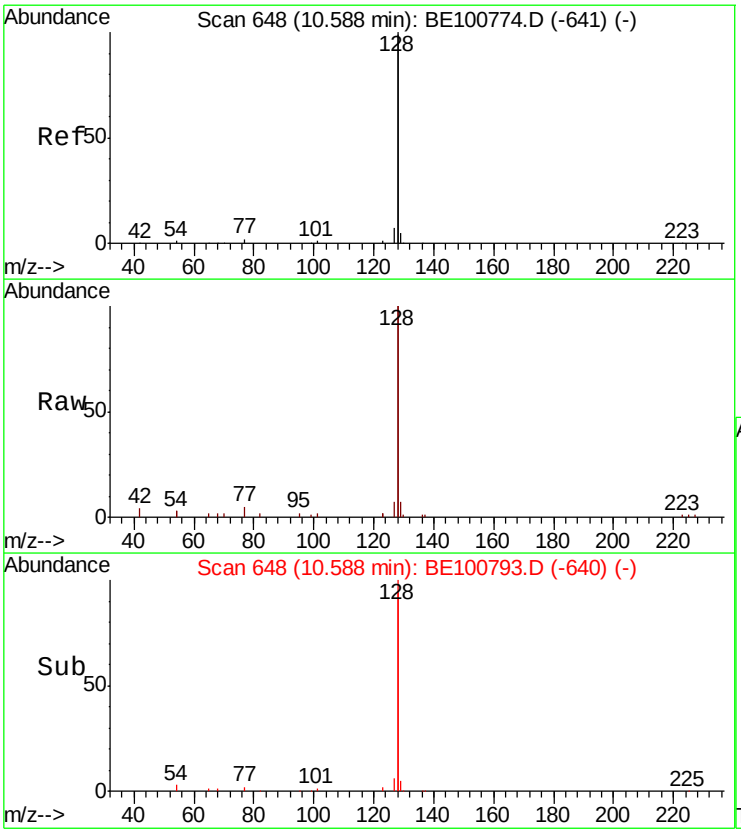
#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 8.90 min Scan# 518
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 5997

Ion	Ratio	Lower	Upper
82	100		
128	132.1	97.0	145.4
54	200.2	171.8	257.6

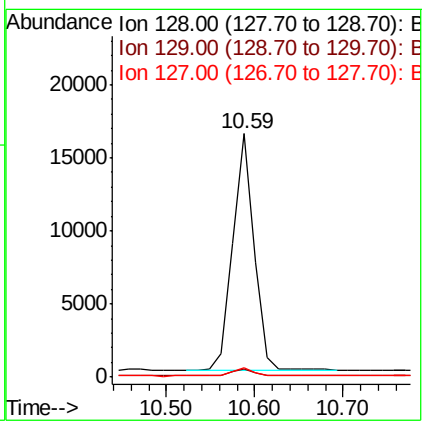


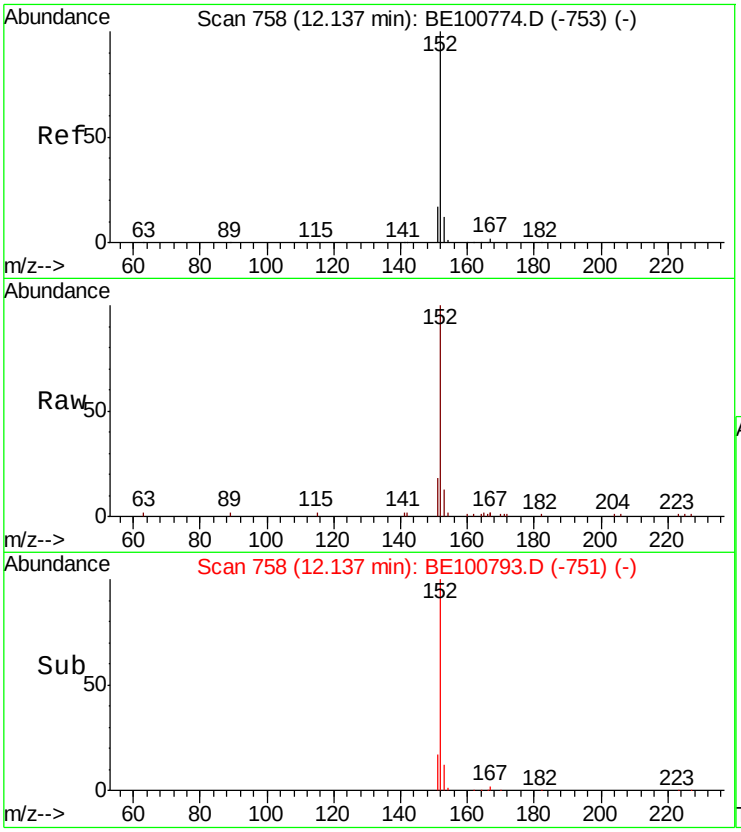


#9
Naphthalene
Concen: 0.092 ng
RT: 10.59 min Scan# 648
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:128 Resp: 27185

Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.2	3.4
127	3.7	2.7	4.1



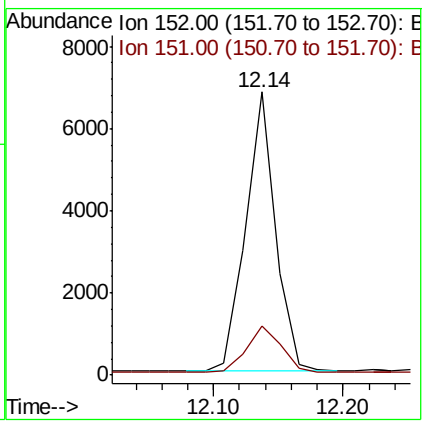


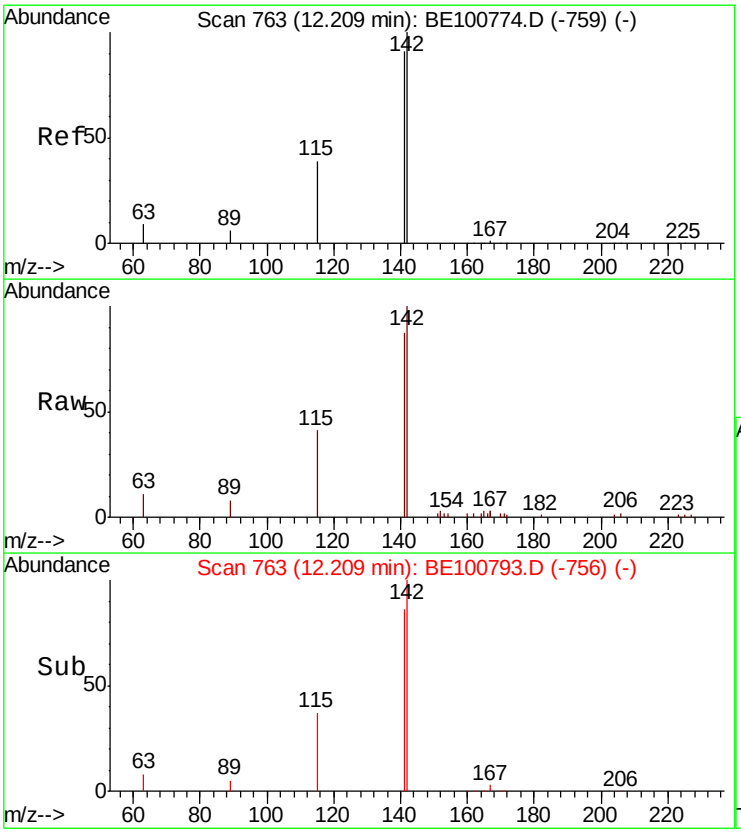
#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10748

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8

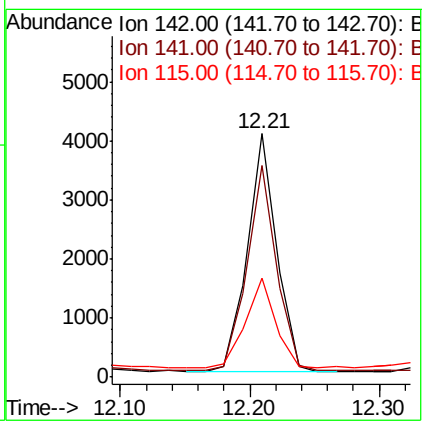


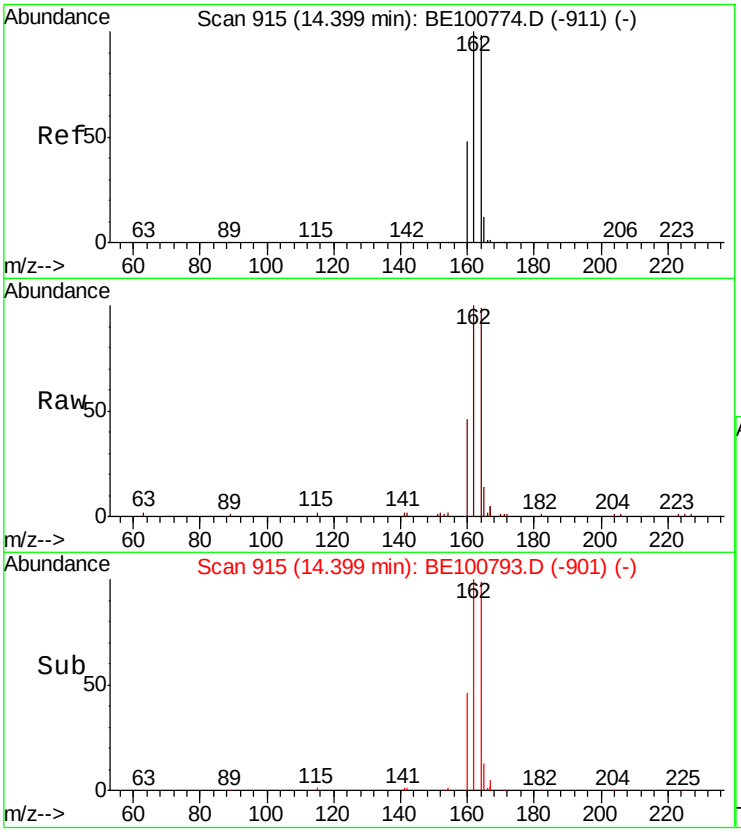


#12
2-Methylnaphthalene
Concen: 0.137 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:142 Resp: 6359

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.6	108.8
115	40.5	31.8	47.6



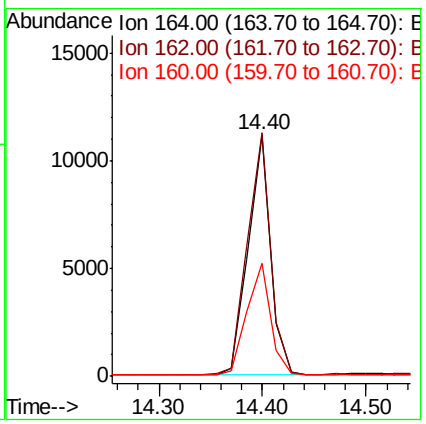


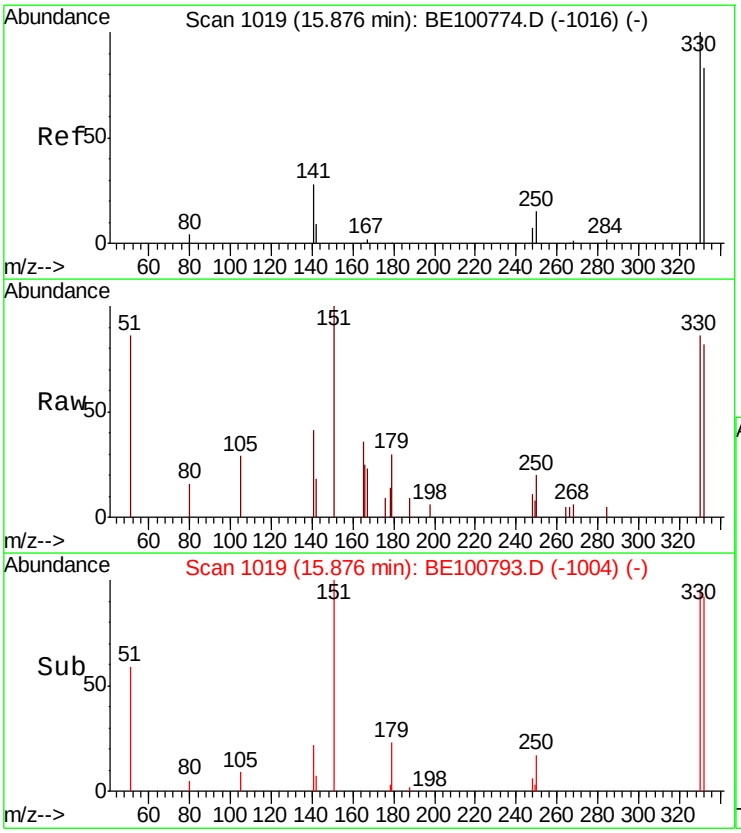
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 16705

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	46.9	39.4	59.0

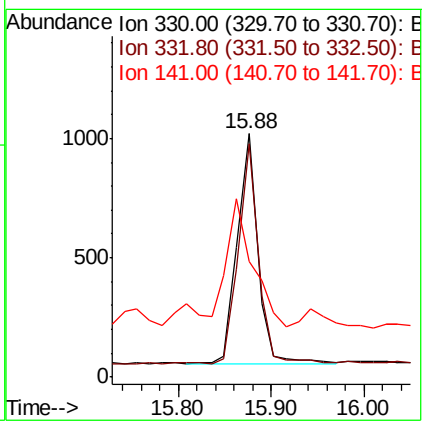


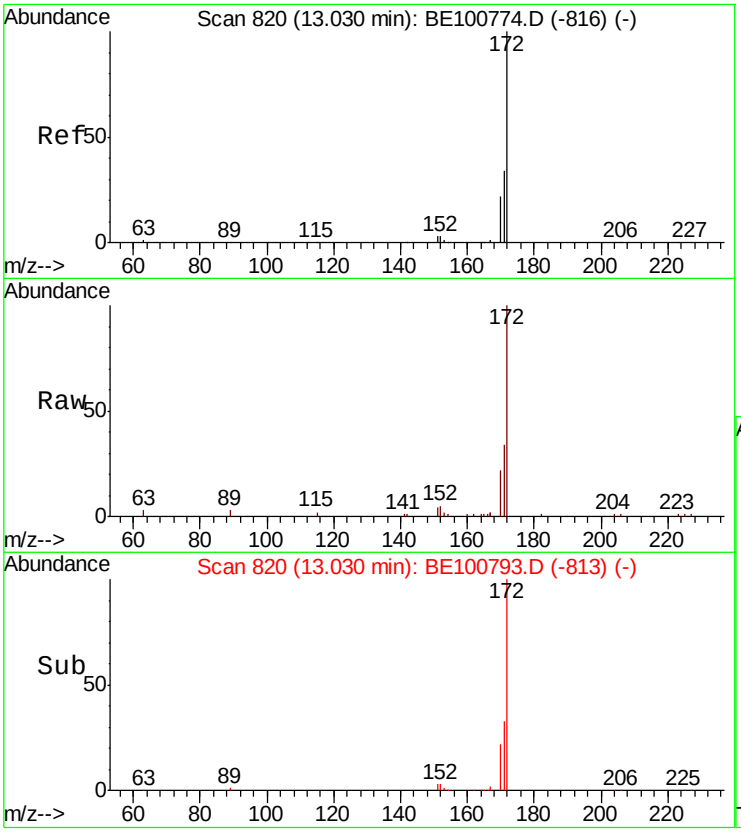


#14
2,4,6-Tribromophenol
Concen: 0.790 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:330 Resp: 1468

Ion	Ratio	Lower	Upper
330	100		
332	92.1	69.4	104.2
141	84.3	51.1	76.7#



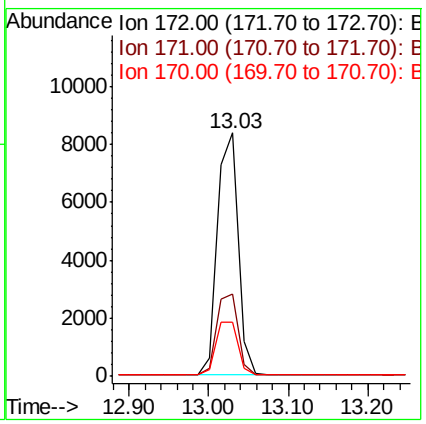


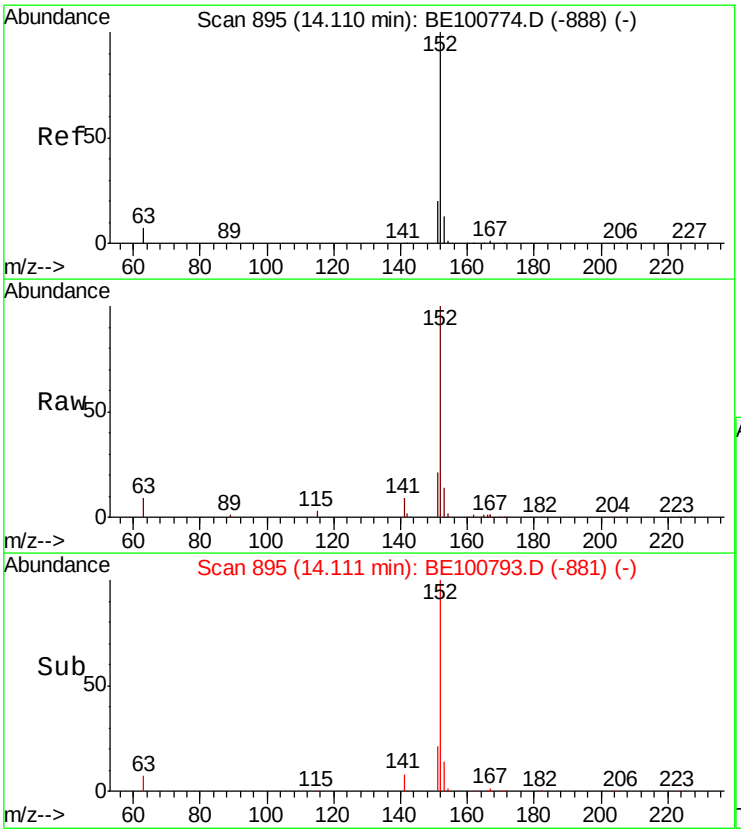
#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 15044

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.2	40.8
170	22.2	18.0	27.0

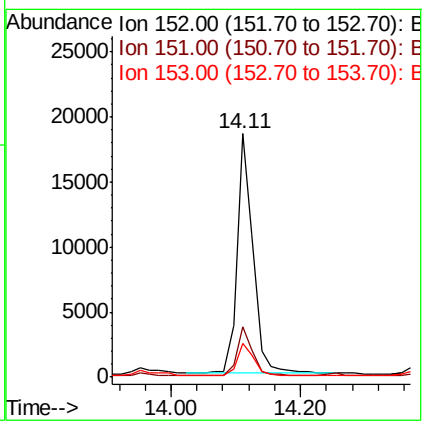


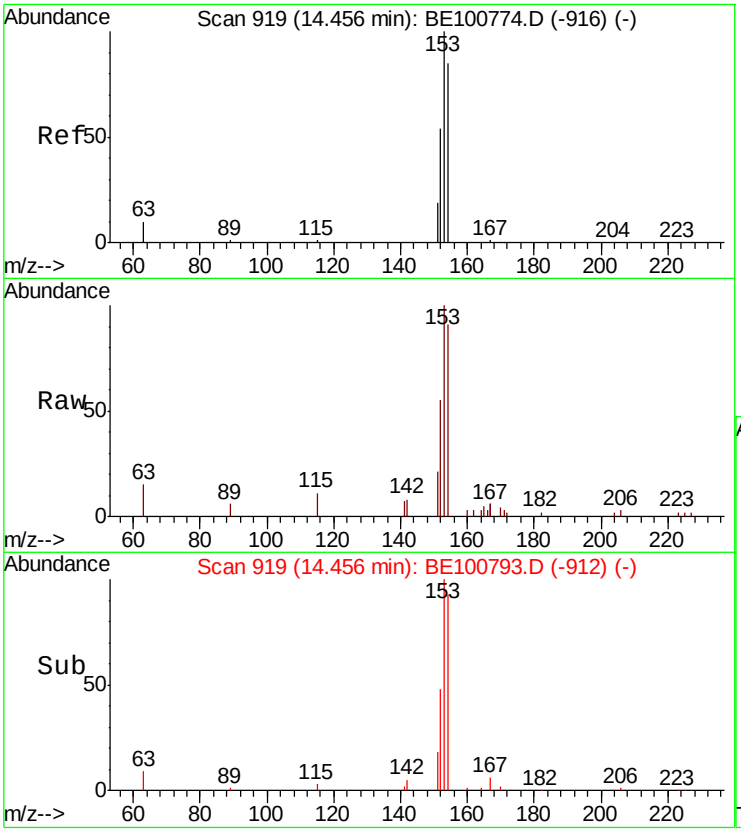


#16
Acenaphthylene
Concen: 0.449 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:152 Resp: 31033

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.0	10.4	15.6



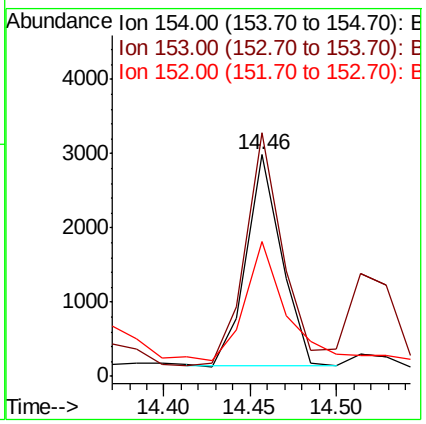


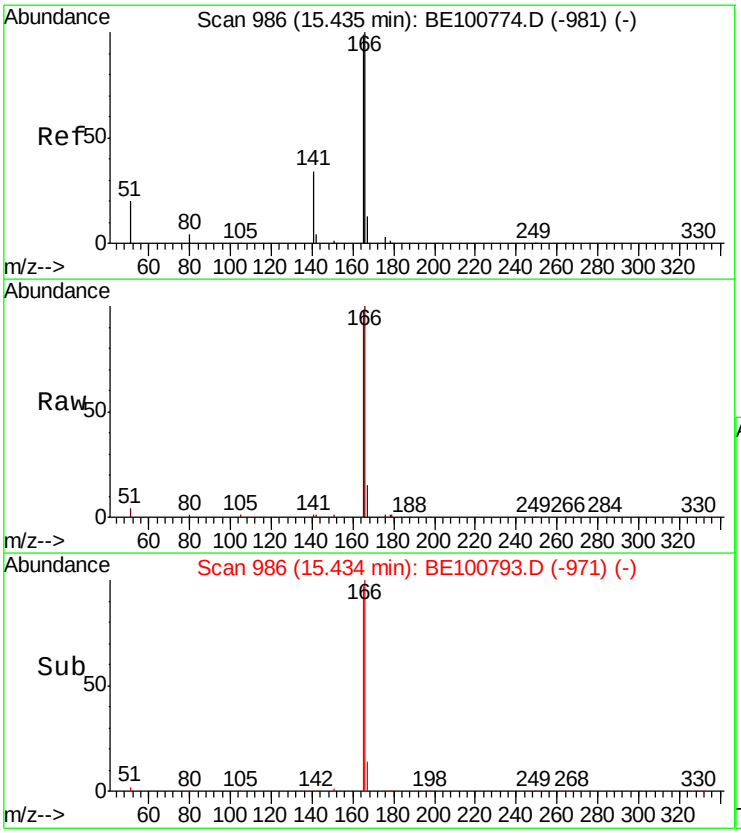
#17
Acenaphthene
Concen: 0.085 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 4049

Ion	Ratio	Lower	Upper
154	100		
153	116.7	92.2	138.2
152	66.0	49.1	73.7

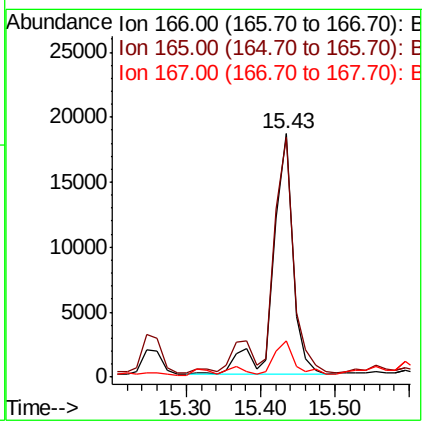


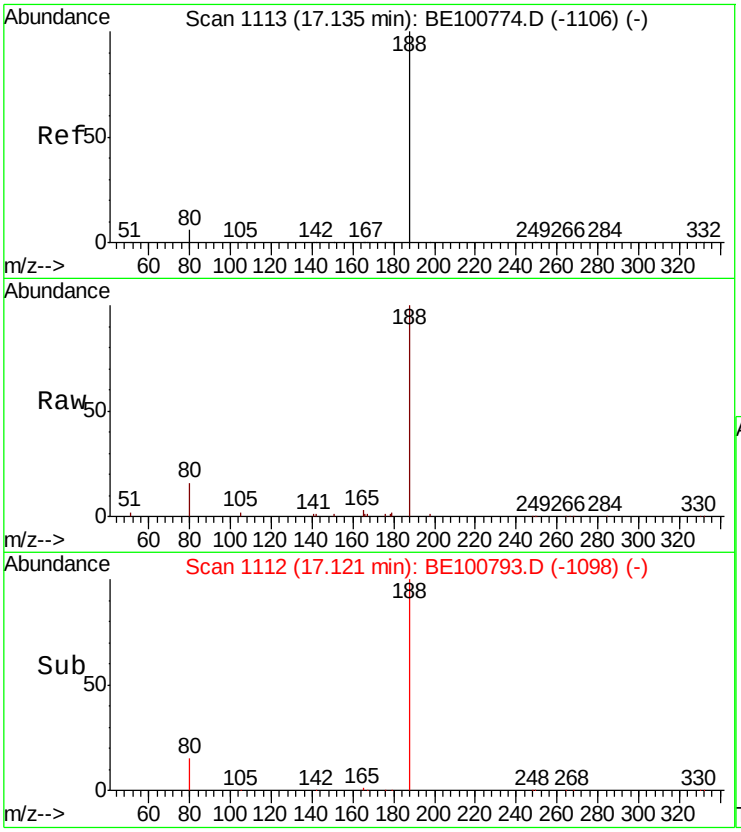


#18
Fluorene
Concen: 0.552 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:166 Resp: 33877

Ion	Ratio	Lower	Upper
166	100		
165	91.8	80.5	120.7
167	14.0	10.7	16.1



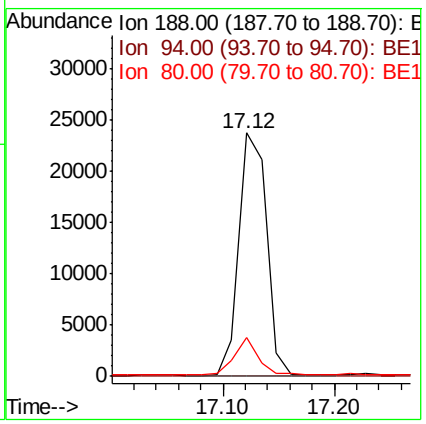


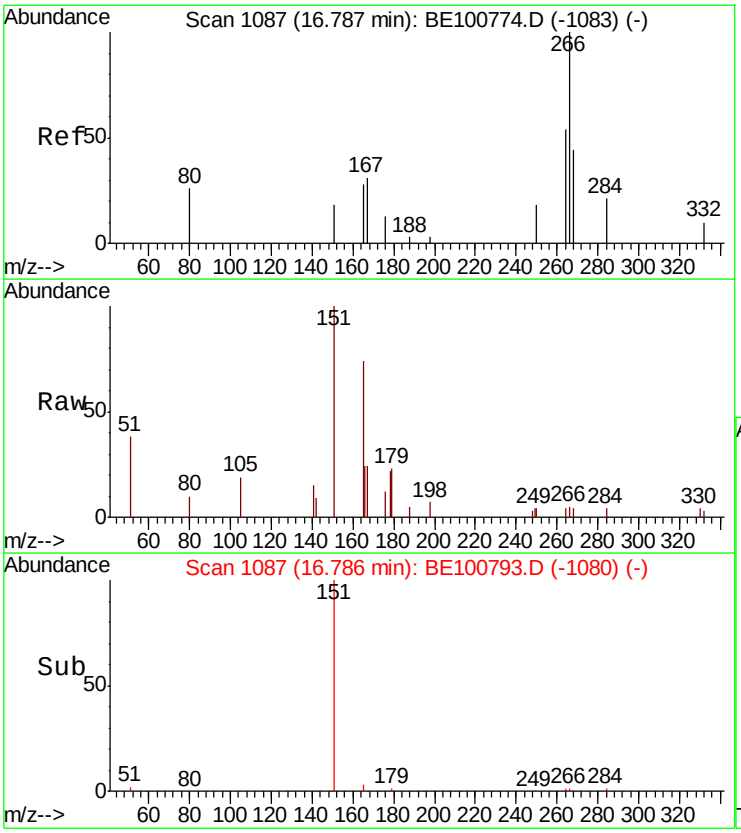
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 40805

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.2	5.2	7.8#

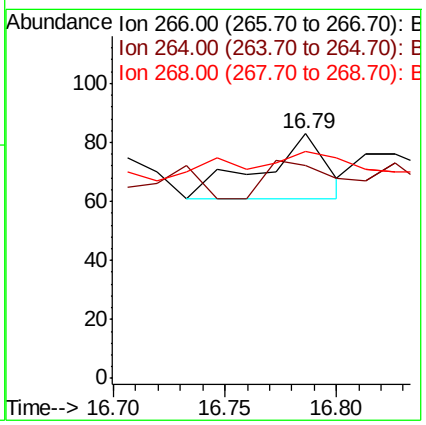


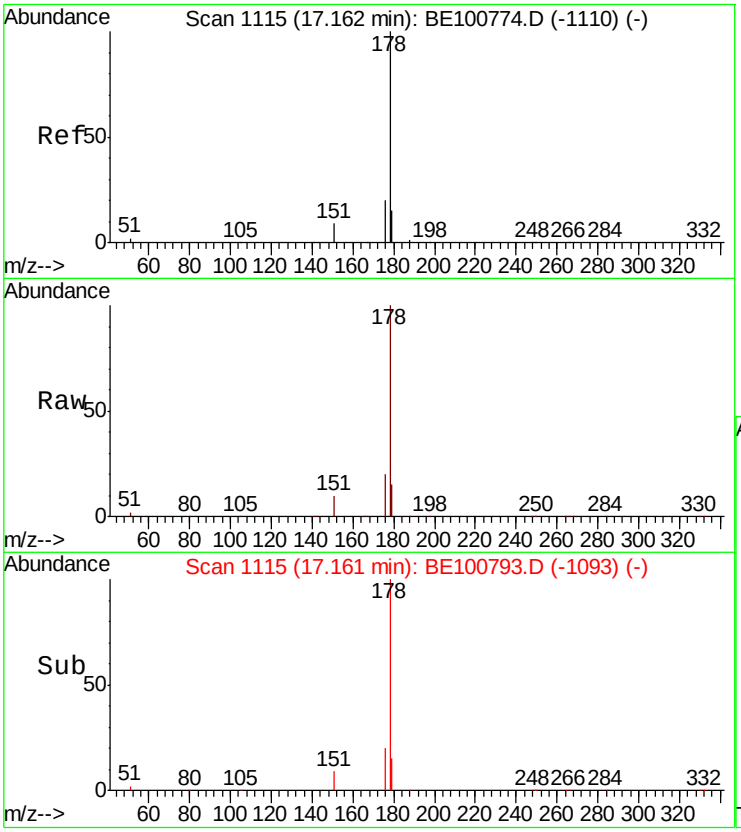


#22
Pentachlorophenol
Concen: 0.030 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
264	86.7	63.4	95.0
268	92.8	65.8	98.8



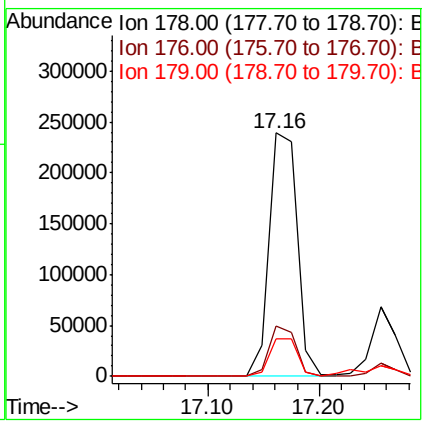


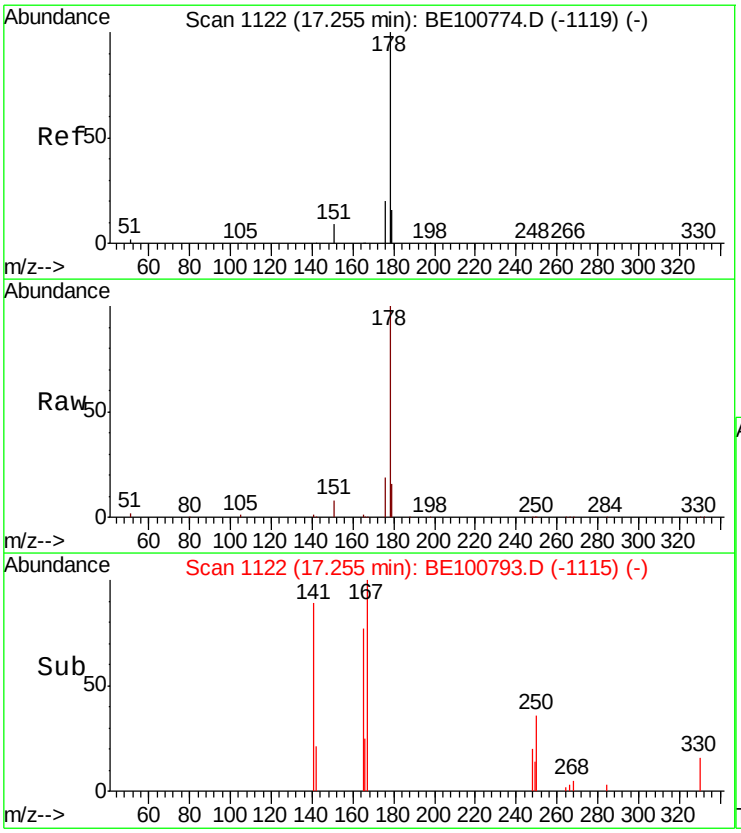
#23
Phenanthrene
Concen: 3.429 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 423763

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.7	12.3	18.5

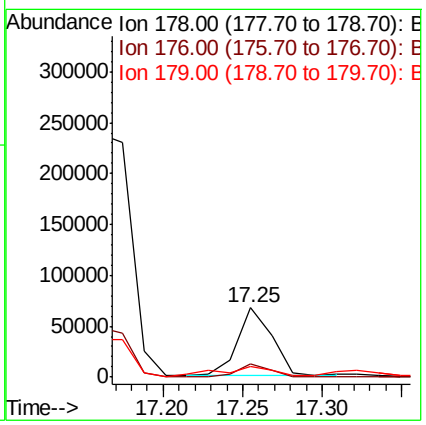


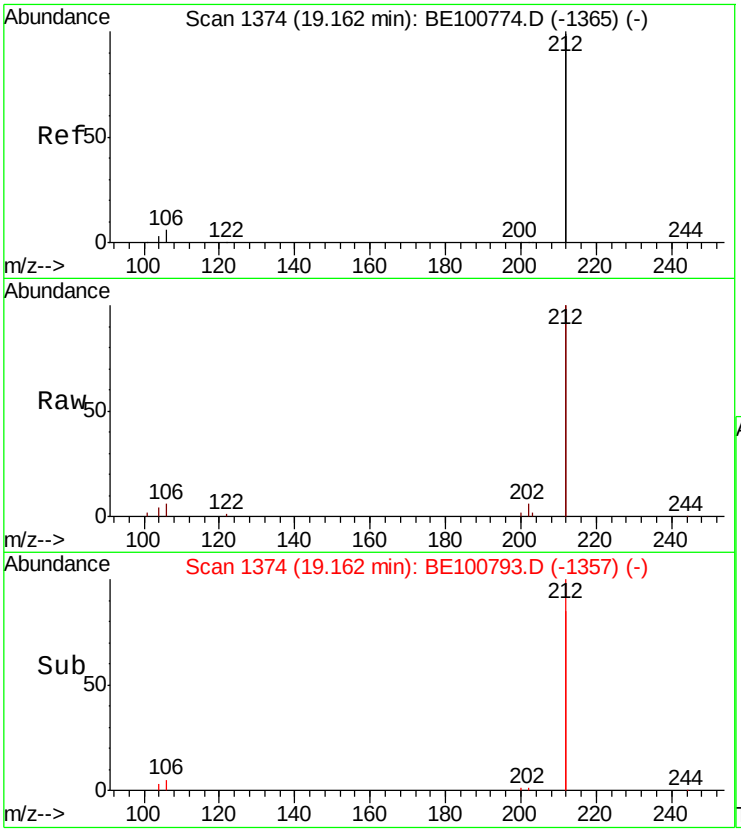


#24
Anthracene
Concen: 0.979 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:178 Resp: 101183

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	23.3	12.7	19.1#



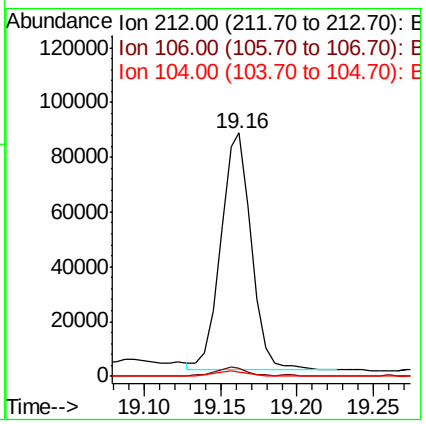


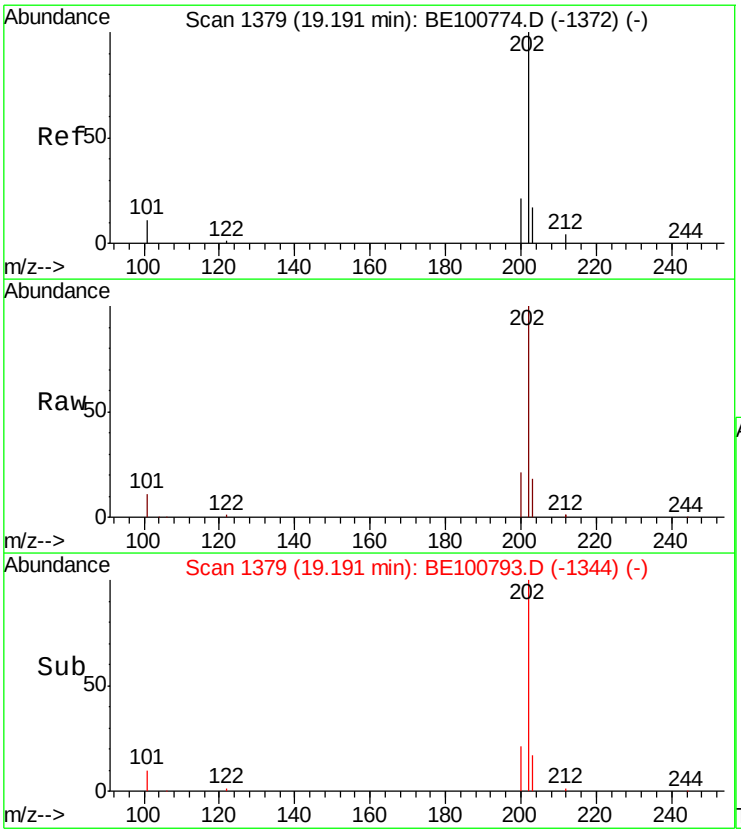
#25
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 121489

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	2.0	1.4	2.2

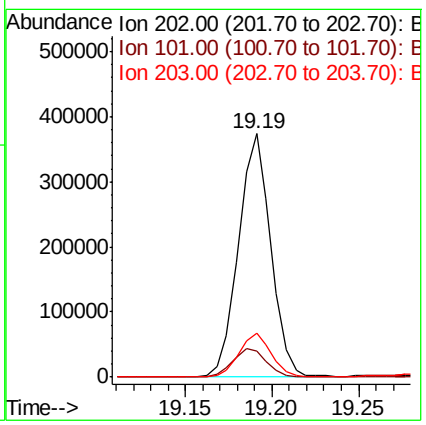


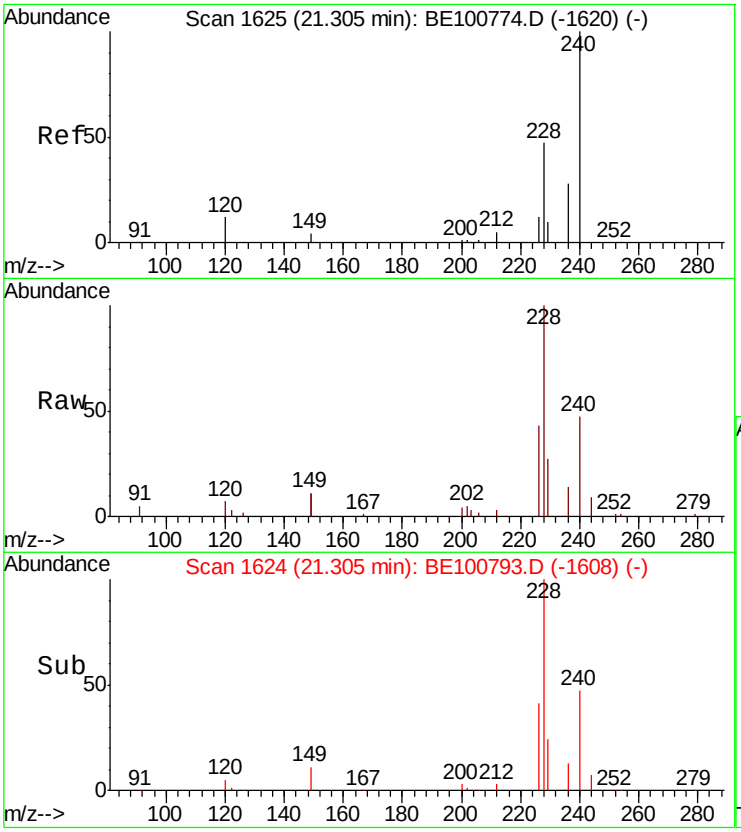


#26
Fluoranthene
Concen: 3.283 ng
RT: 19.19 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:202 Resp: 484338

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.1	13.7
203	17.7	13.8	20.6



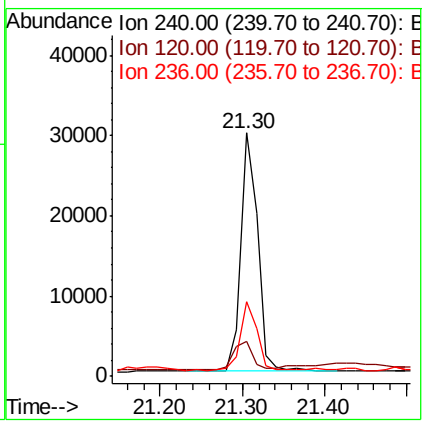


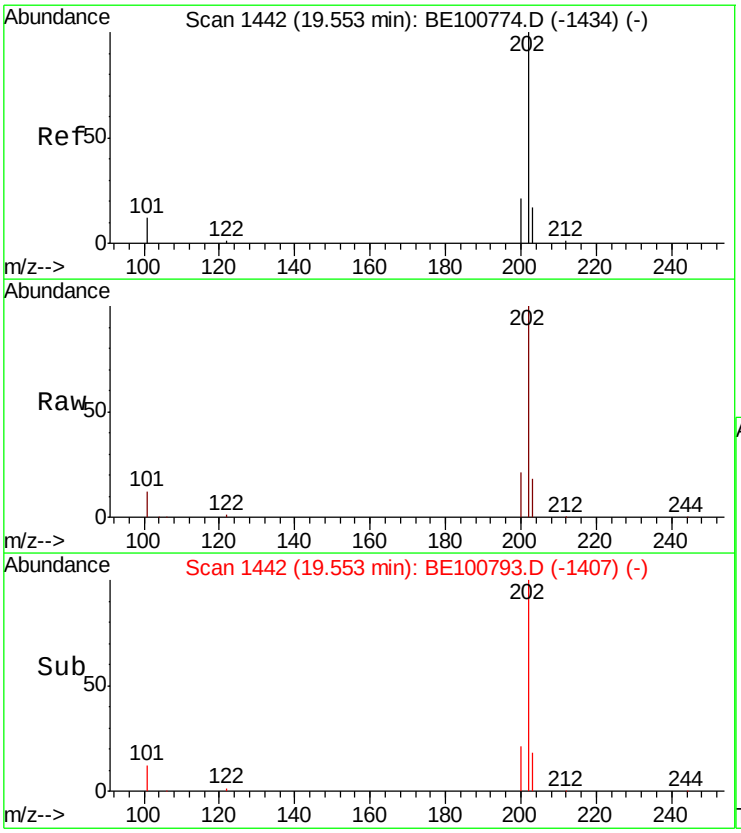
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 42349

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.2	15.2
236	30.4	22.3	33.5

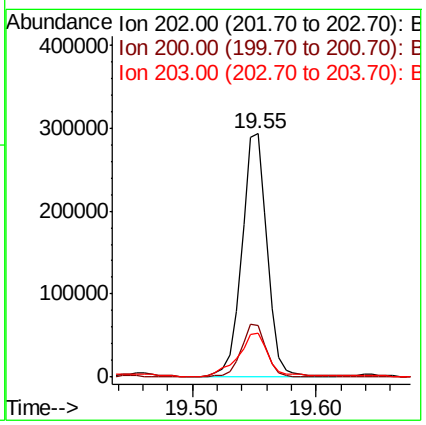


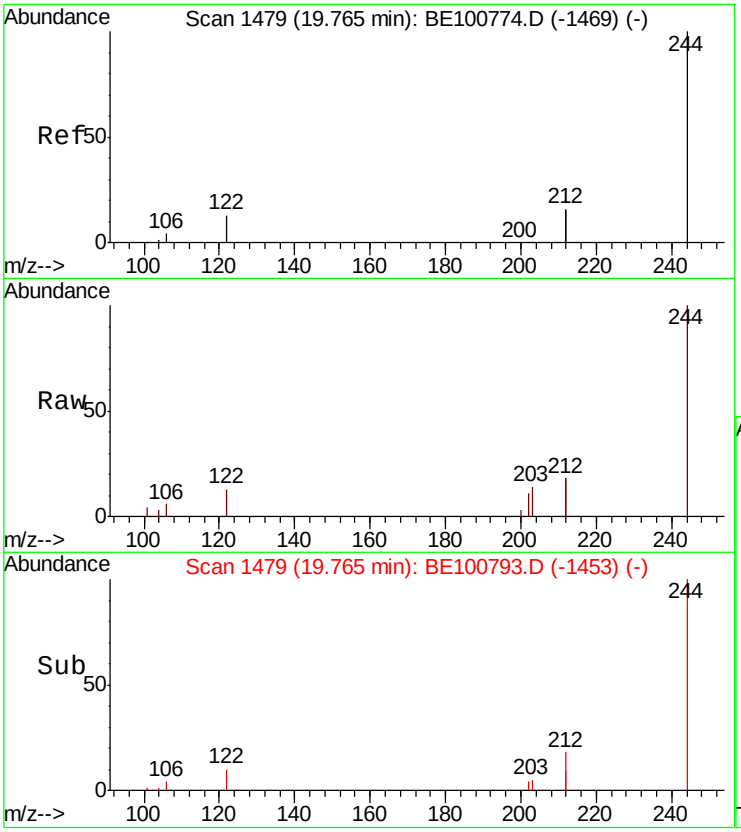


#28
Pyrene
Concen: 2.998 ng
RT: 19.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:202 Resp: 412461

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	21.7	13.9	20.9#



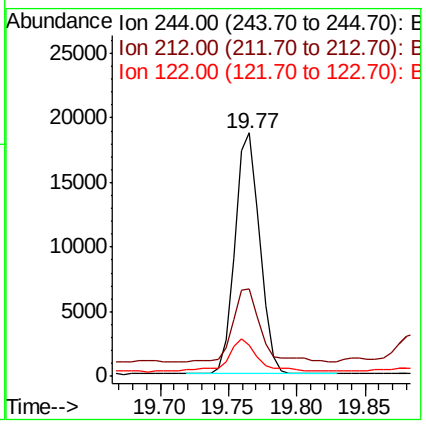


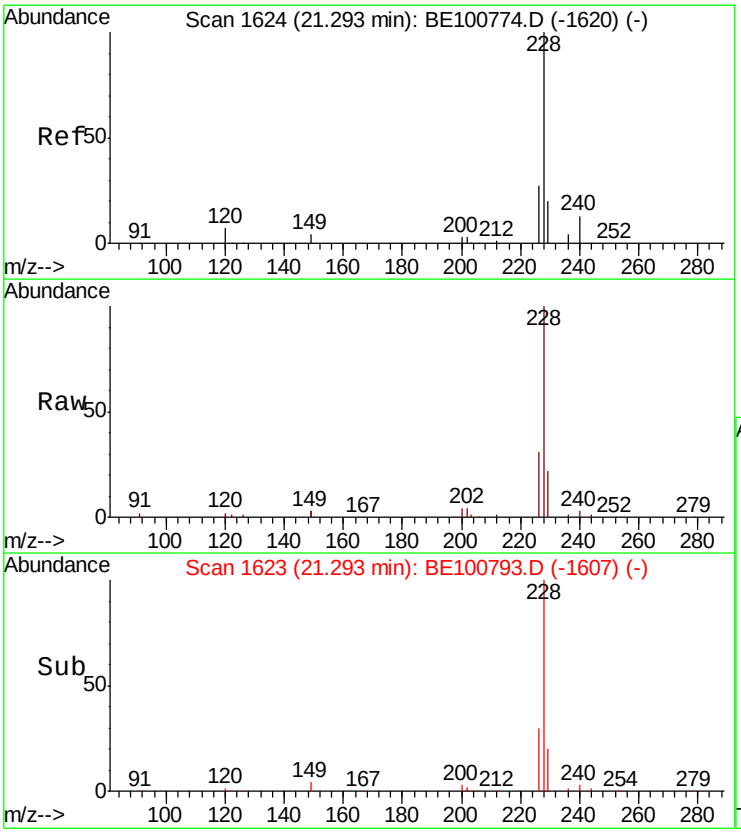
#29
Terphenyl-d14
Concen: 0.231 ng
RT: 19.77 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 23463

Ion	Ratio	Lower	Upper
244	100		
212	36.2	26.2	39.4
122	12.8	10.2	15.4

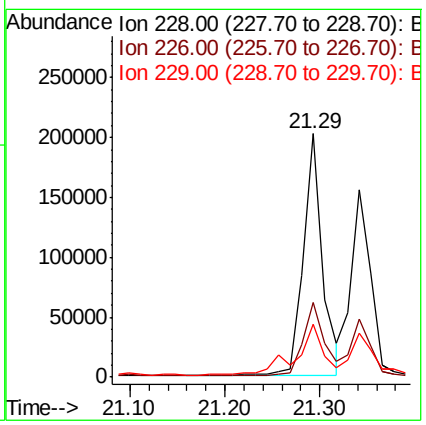


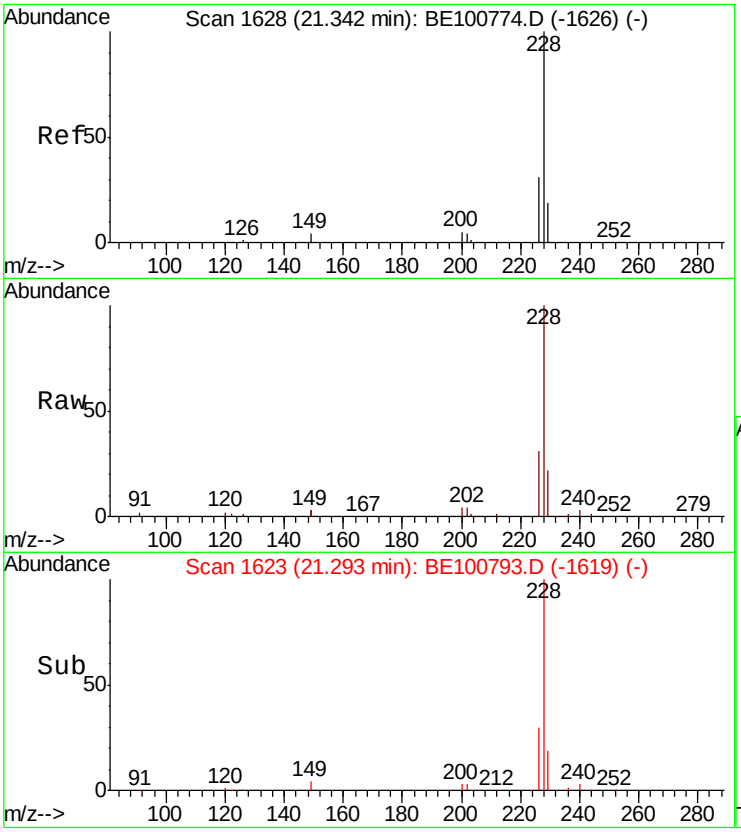


#30
Benzo(a)anthracene
Concen: 2.278 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:228 Resp: 284362

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.5	32.3
229	21.8	16.0	24.0



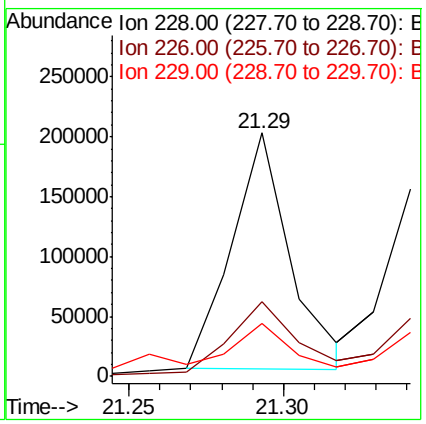


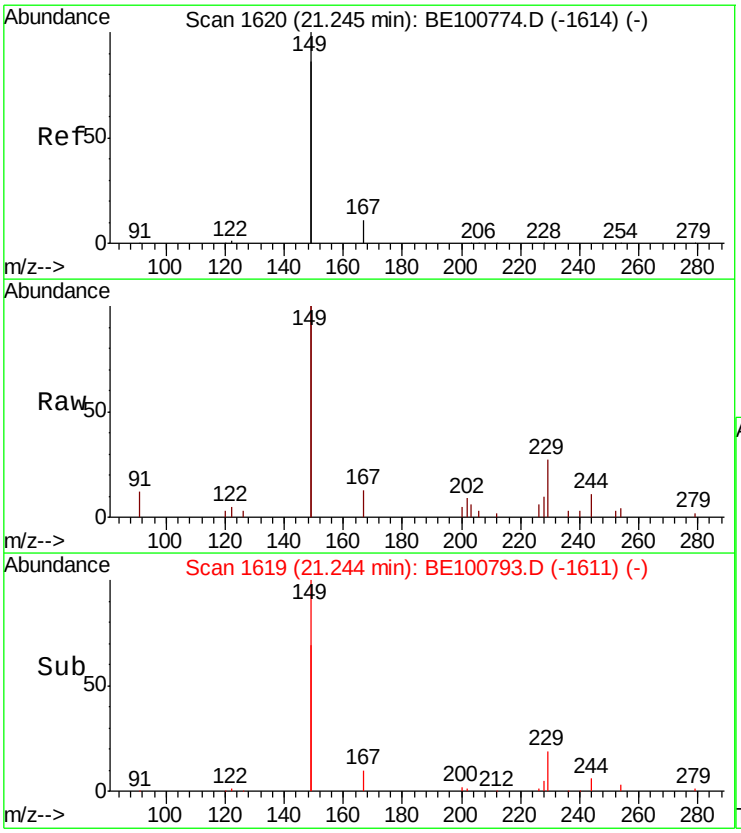
#31
Chrysene
Concen: 1.768 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.05 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 259293

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	21.8	15.4	23.2

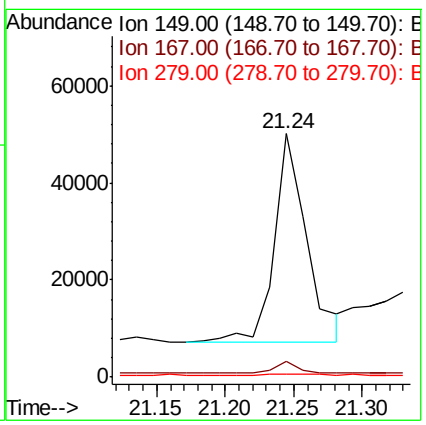


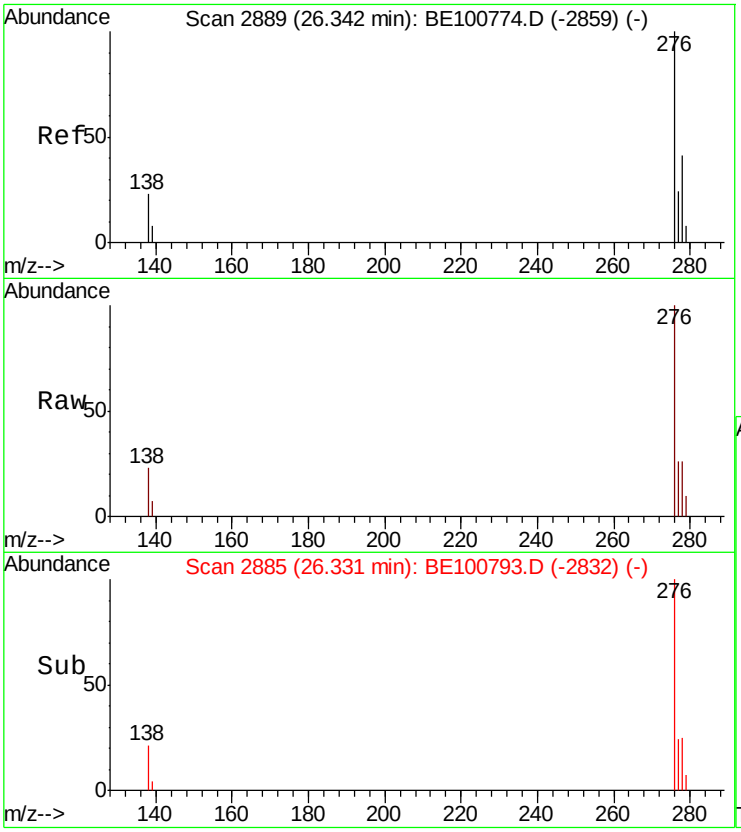


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.769 ng
RT: 21.24 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:149 Resp: 69991

Ion	Ratio	Lower	Upper
149	100		
167	3.9	5.0	7.6#
279	0.6	0.7	1.1#



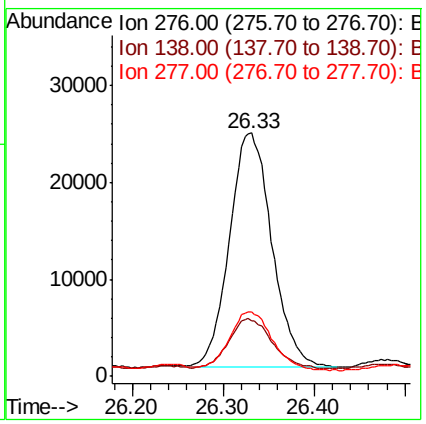


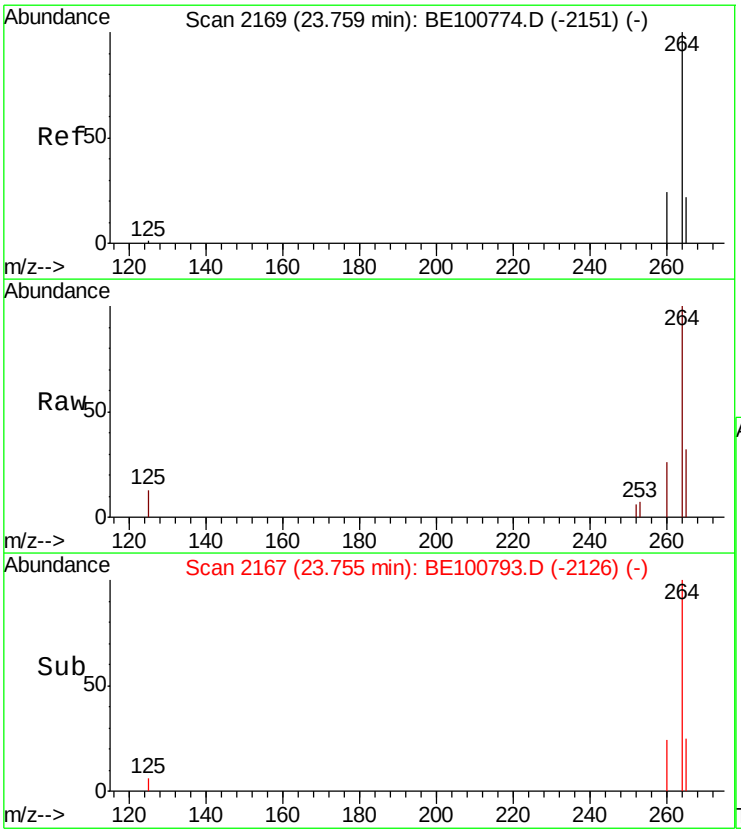
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.611 ng
RT: 26.33 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 78051

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.4	29.0
277	25.2	19.8	29.6

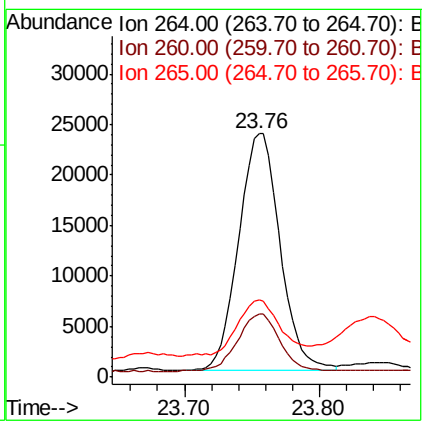


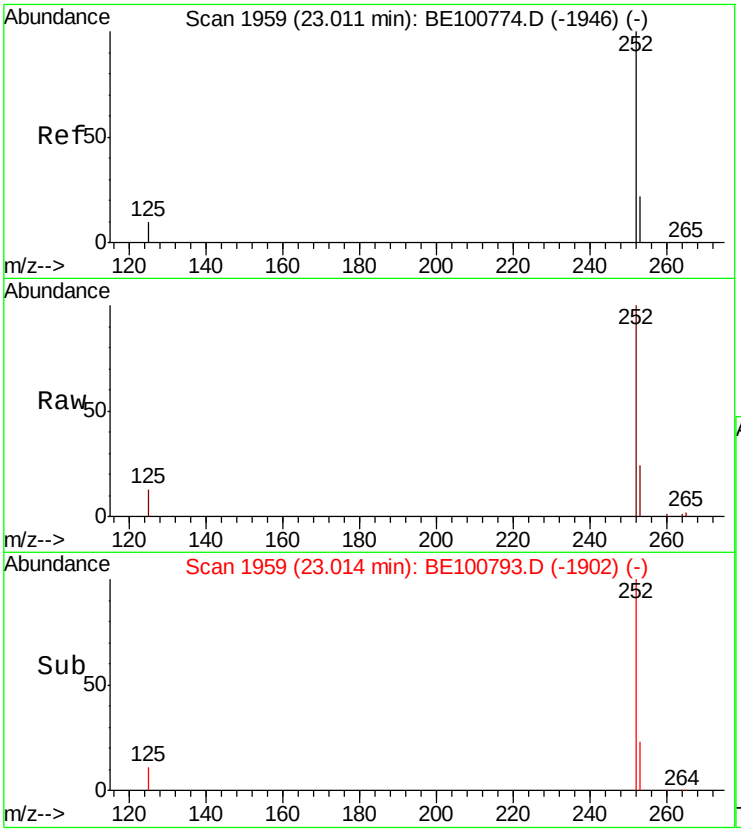


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.76 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:264 Resp: 49908

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.4	29.2
265	31.8	21.8	32.8



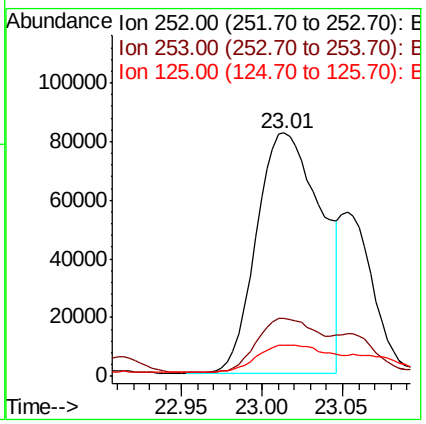


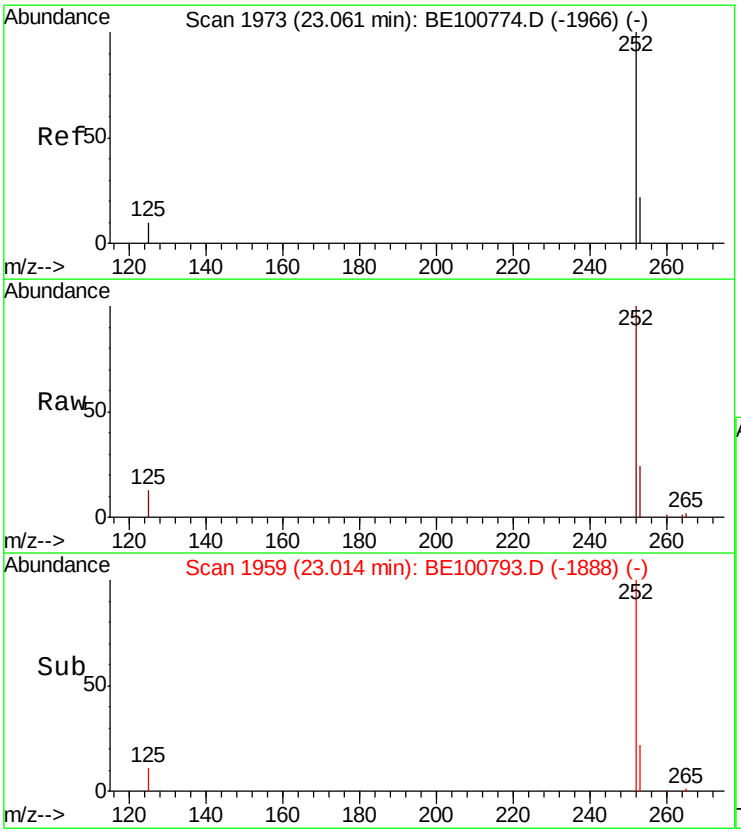
#35
Benzo(b)fluoranthene
Concen: 1.680 ng
RT: 23.01 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 229567

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.7	9.0	13.4

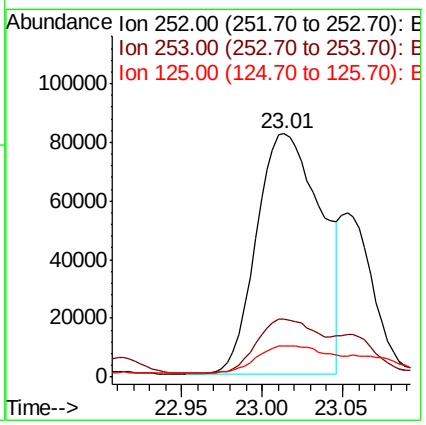


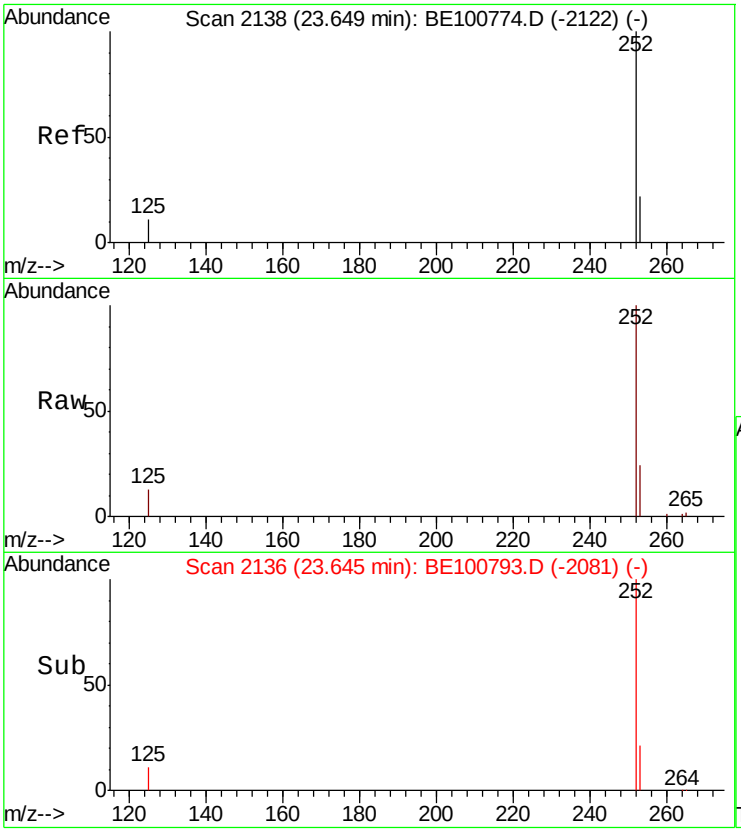


#36
Benzo(k)fluoranthene
Concen: 1.498 ng
RT: 23.01 min Scan# 1959
Delta R.T. -0.05 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:252 Resp: 229567

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.7	8.7	13.1



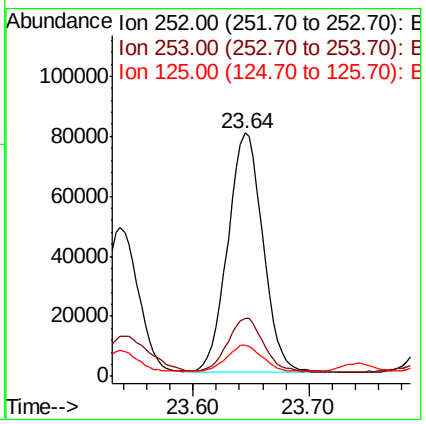


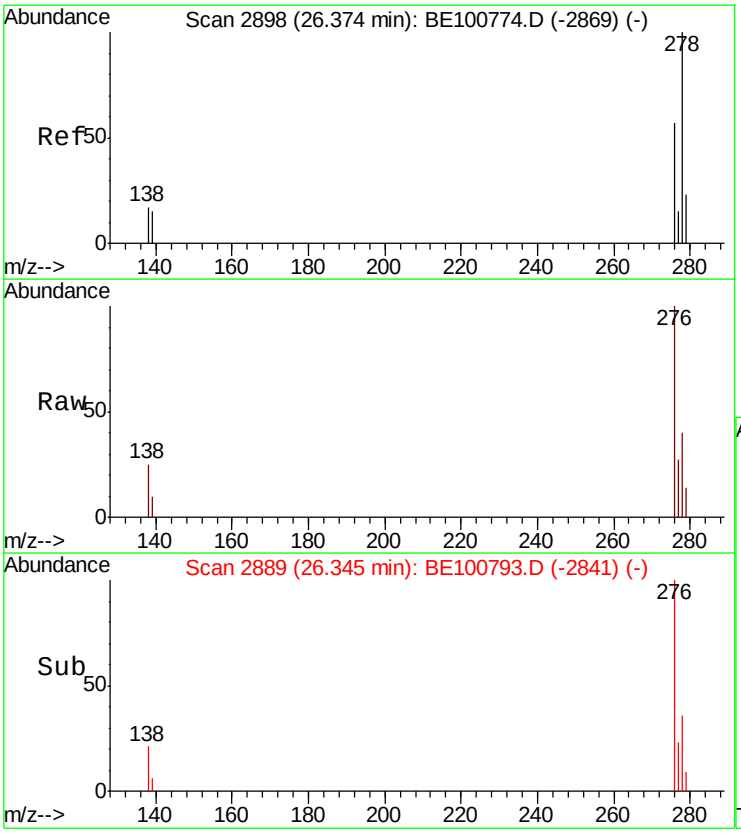
#37
Benzo(a)pyrene
Concen: 1.411 ng
RT: 23.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 166875

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	12.8	10.4	15.6

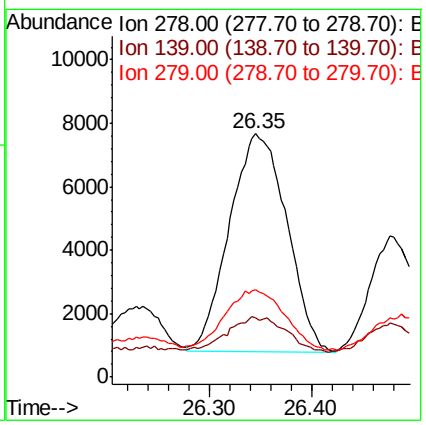


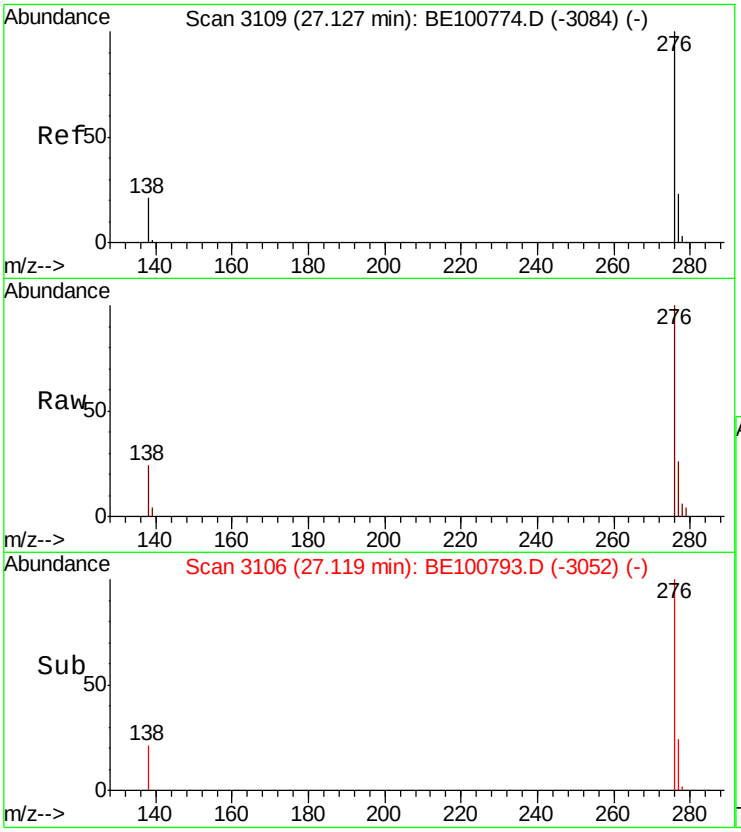


#38
Dibenzo(a,h)anthracene
Concen: 0.228 ng
RT: 26.35 min Scan# 2889
Delta R.T. -0.03 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Tgt Ion:278 Resp: 26854

Ion	Ratio	Lower	Upper
278	100		
139	24.3	13.0	19.4#
279	36.1	19.6	29.4#





#39
Benzo(g,h,i)perylene
Concen: 0.539 ng
RT: 27.12 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BE100793.D
Acq: 5 Dec 2019 17:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 67871

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.3	28.9
138	23.9	17.8	26.6