Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
Data File : BE100444.D
Acq On : 16 Jul 2019 16:34
Operator : HP/JU
Sample : K3818-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 16 17:10:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 14:03:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	8915	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	35632	0.40	ng		0.00
13) Acenaphthene-d10	14.51	164	21290	0.40	ng		0.00
19) Phenanthrene-d10	17.23	188	56783	0.40	ng		0.00
27) Chrysene-d12	21.40	240	75405	0.40	ng		0.01
34) Perylene-d12	23.89	264	82374	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	3834	0.23	ng		0.00
5) Phenol-d6	7.04	99	5587	0.22	ng		0.00
8) Nitrobenzene-d5	9.03	82	3683	0.19	ng		0.00
11) 2-Methylnaphthalene-d10	12.27	152	7771	0.14	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	1078	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.15	172	9904	0.10	ng		0.00
25) Fluoranthene-d10	19.26	212	83826	0.12	ng		0.00
29) Terphenyl-d14	19.85	244	16614	0.09	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.34	93	752	0.030	ng	#	1
9) Naphthalene	10.72	128	413612	1.191	ng		100
12) 2-Methylnaphthalene	12.34	142	32606	0.562	ng		99
16) Acenaphthylene	14.23	152	112279	1.304	ng		98
17) Acenaphthene	14.57	154	95278	1.610	ng		97
18) Fluorene	15.54	166	148105	1.941	ng		97
22) Pentachlorophenol	16.88	266	690	0.270	ng	#	86
23) Phenanthrene	17.27	178	2444879	16.160	ng		98
24) Anthracene	17.36	178	621467	4.977	ng		97
26) Fluoranthene	19.29	202	4216300	21.927	ng		97
28) Pyrene	19.65	202	4096824	18.572	ng	#	89
30) Benzo(a)anthracene	21.38	228	2627694	12.840	ng		94
31) Chrysene	21.44	228	2327932	9.579	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	200137	1.363	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.54	276	1464883	6.780	ng	#	95
35) Benzo(b)fluoranthene	23.14	252	2892228	11.492	ng		96
36) Benzo(k)fluoranthene	23.14	252	2892228	10.860	ng		96
37) Benzo(a)pyrene	23.68	252	1492999	7.214	ng		96
38) Dibenzo(a,h)anthracene	26.56	278	380807	1.726	ng		93
39) Benzo(g,h,i)perylene	27.35	276	1422643	6.165	ng		98

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

Quantitation Report (Not Reviewed)

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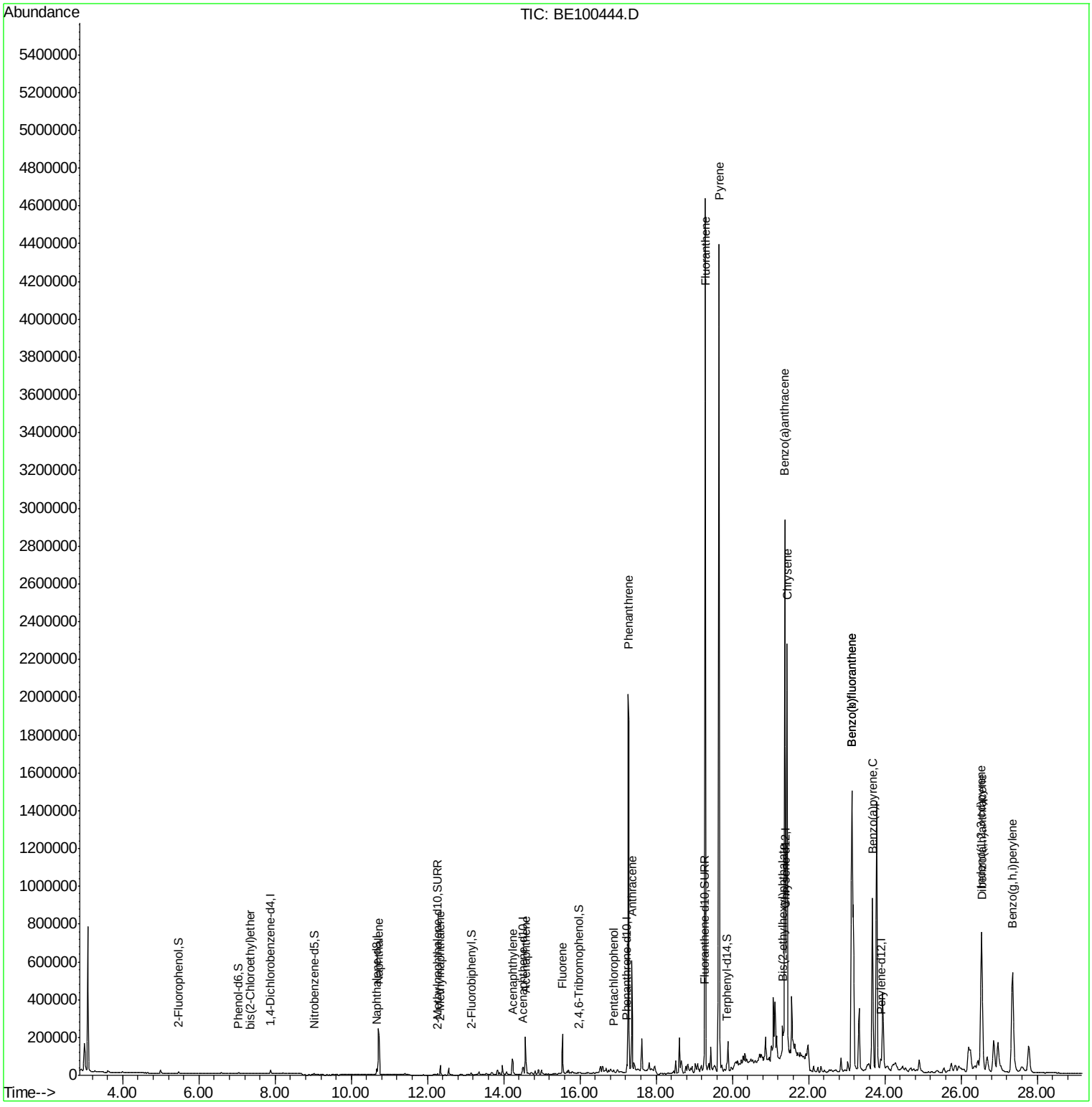
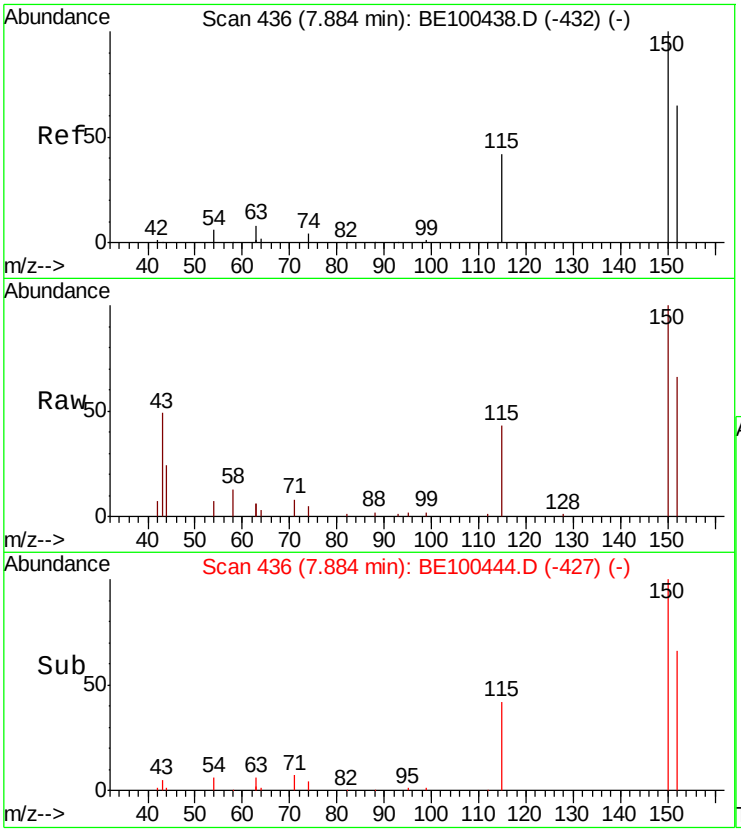
Data File : BE100444.D
Acq On : 16 Jul 2019 16:34
Operator : HP/JU
Sample : K3818-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 16 17:10:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 14:03:26 2019
Response via : Initial Calibration



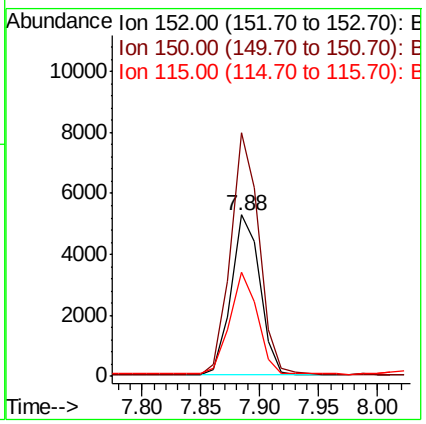


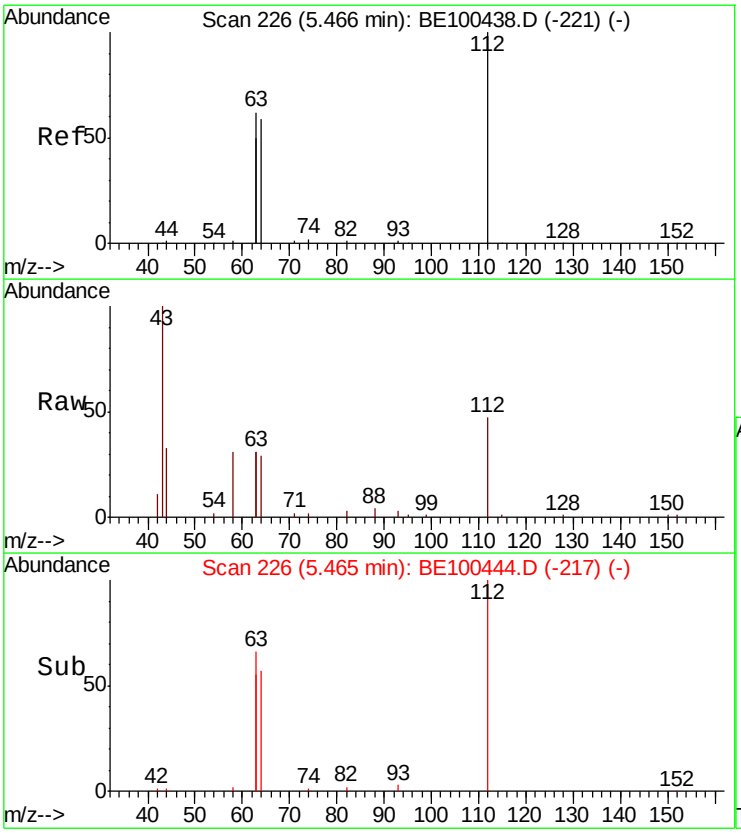
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8915

Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.7	182.5
115	64.4	52.4	78.6

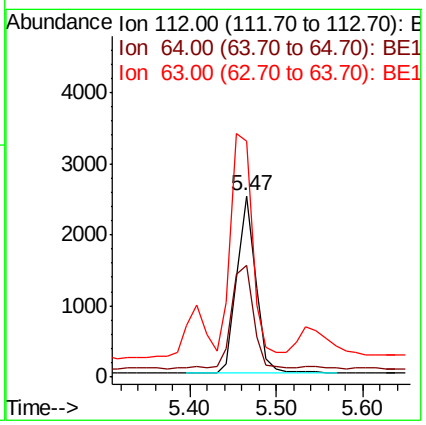


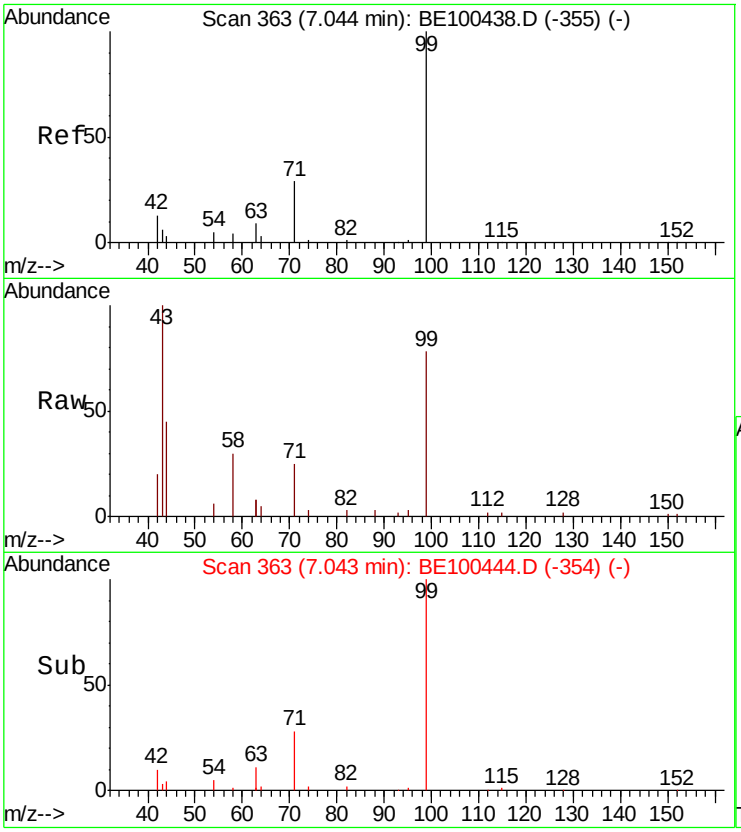


#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:112 Resp: 3834

Ion	Ratio	Lower	Upper
112	100		
64	65.0	55.0	82.4
63	136.3	114.8	172.2



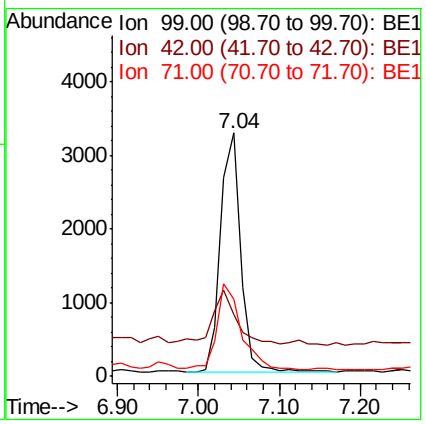


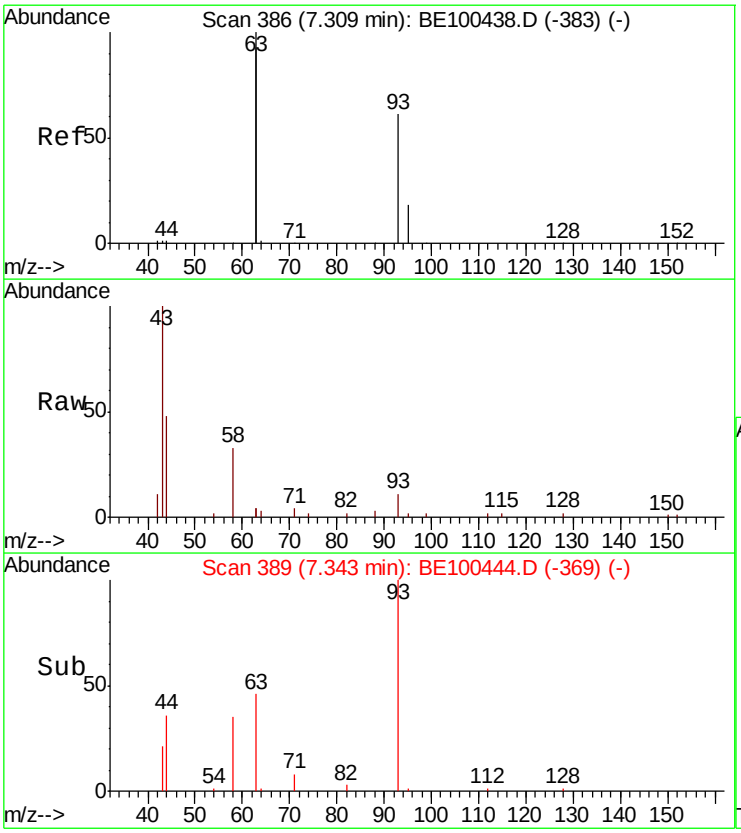
#5
Phenol-d6
Concen: 0.223 ng
RT: 7.04 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 5587

Ion	Ratio	Lower	Upper
99	100		
42	25.9	17.4	26.2
71	41.7	28.2	42.4

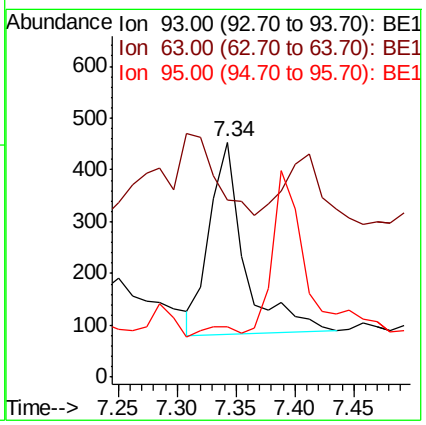


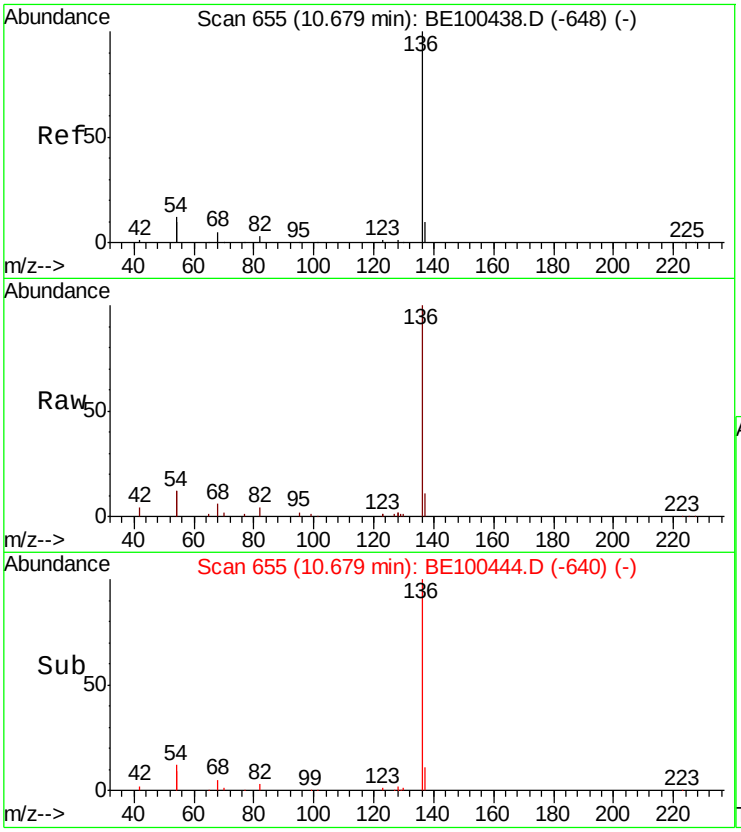


#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.34 min Scan# 389
Delta R.T. 0.03 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion: 93 Resp: 752

Ion	Ratio	Lower	Upper
93	100		
63	0.0	266.9	400.3#
95	0.0	26.8	40.2#



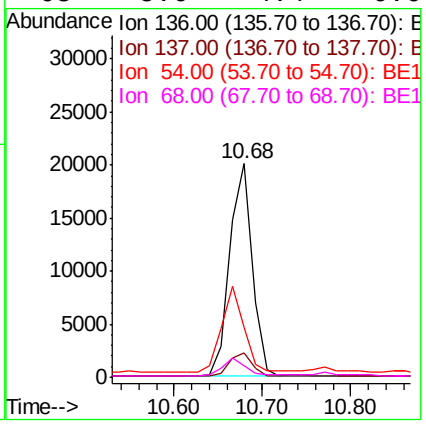


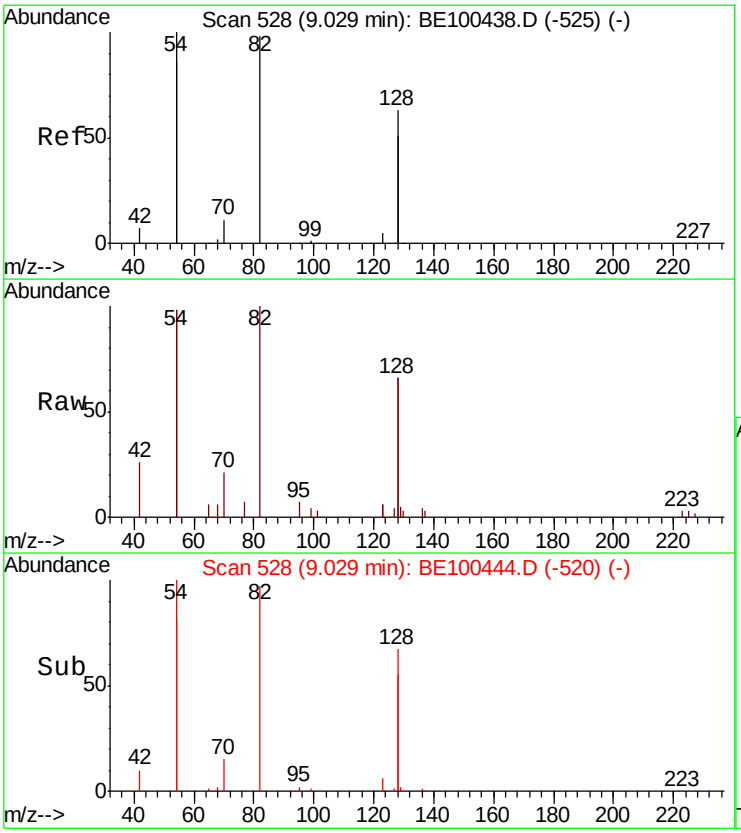
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 35632

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	23.5	19.6	29.4
68	5.6	4.4	6.6

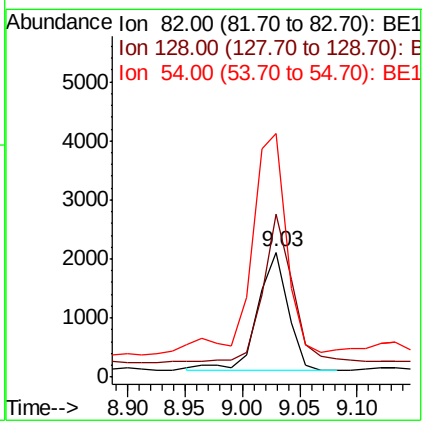


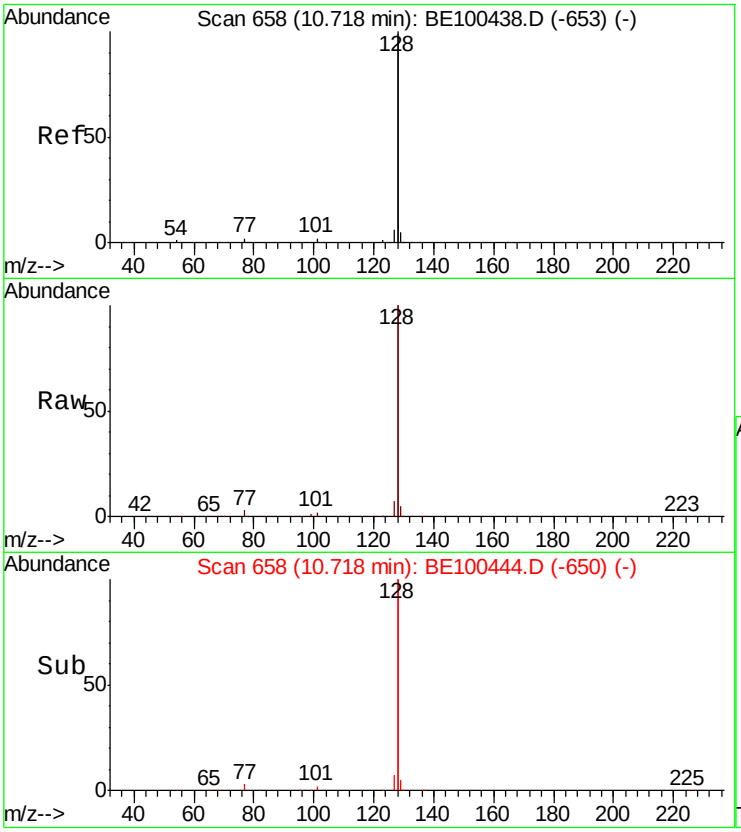


#8
Nitrobenzene-d5
Concen: 0.187 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion: 82 Resp: 3683

Ion	Ratio	Lower	Upper
82	100		
128	131.1	97.9	146.9
54	195.4	155.0	232.6



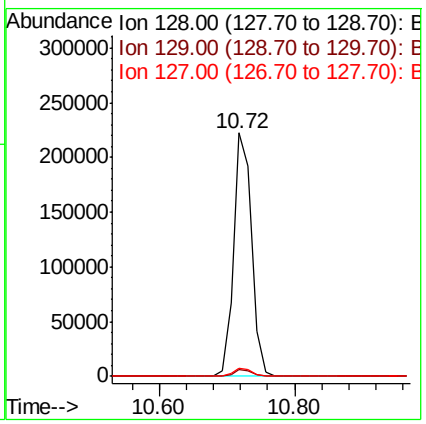


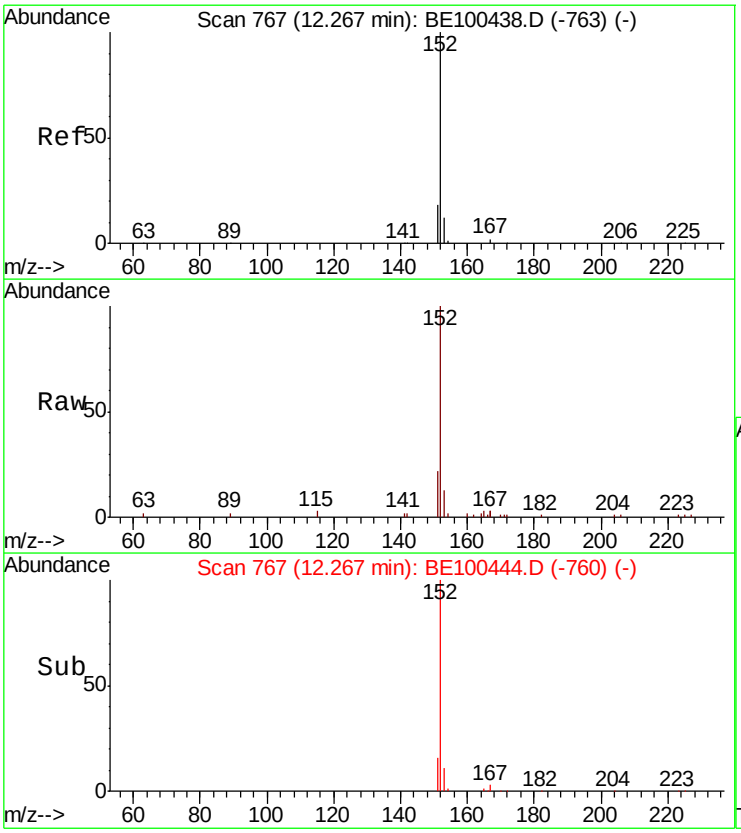
#9
Naphthalene
Concen: 1.191 ng
RT: 10.72 min Scan# 658
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 413612

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

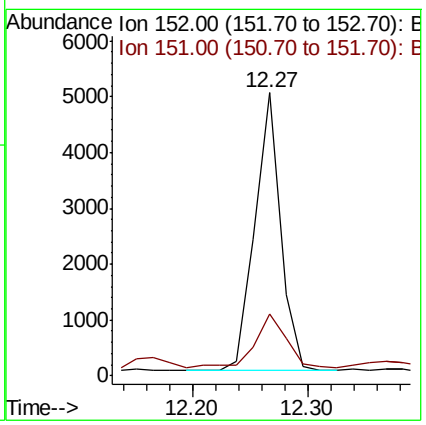


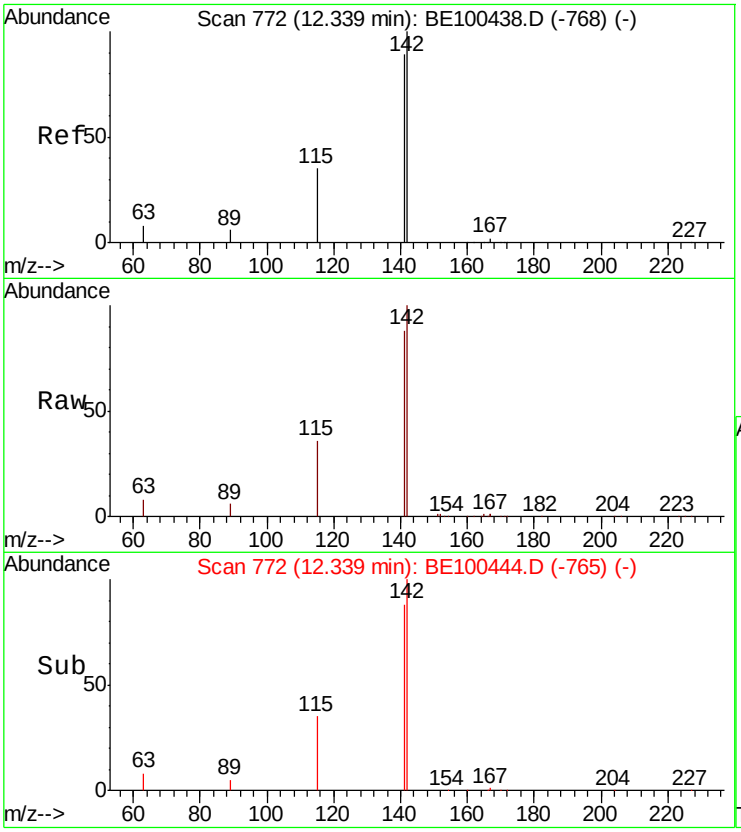


#11
2-Methylnaphthalene-d10
Concen: 0.144 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:152 Resp: 7771

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.0	24.0



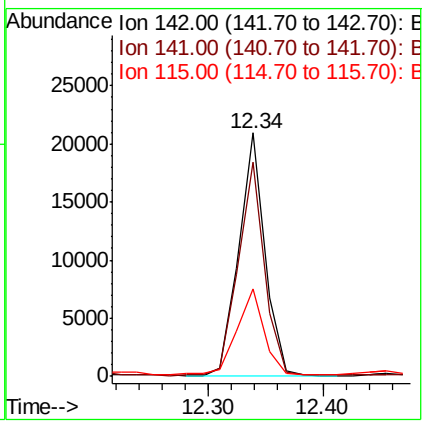


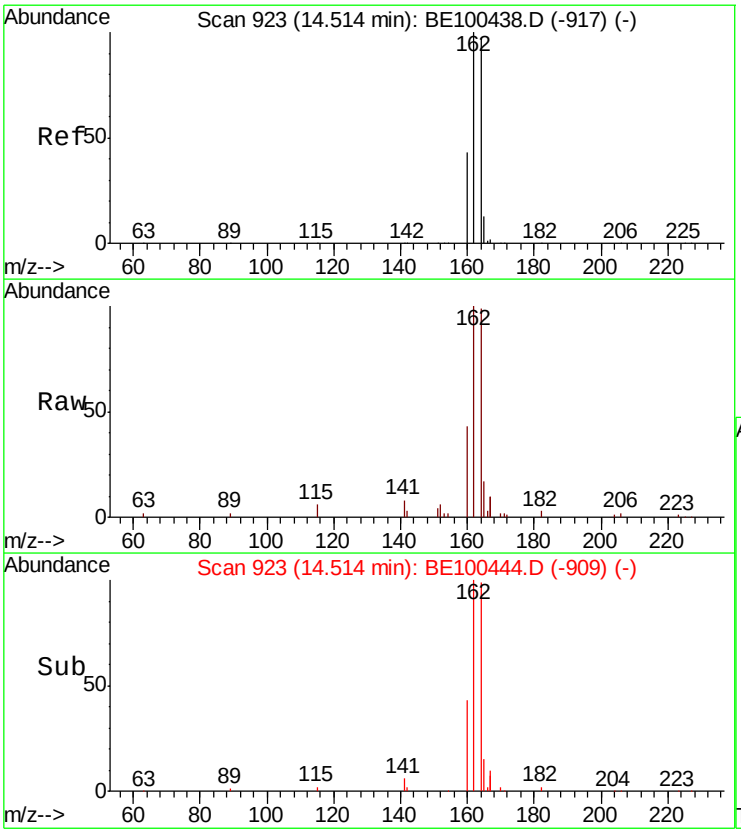
#12
2-Methylnaphthalene
Concen: 0.562 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 32606

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3
115	35.9	29.0	43.4

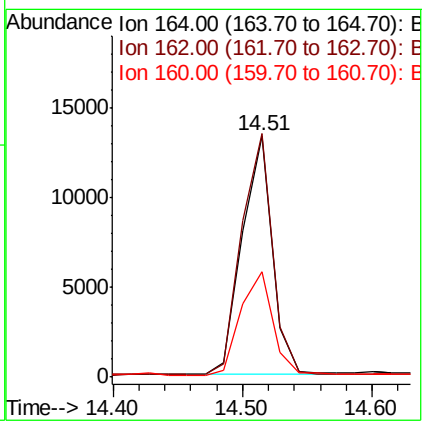


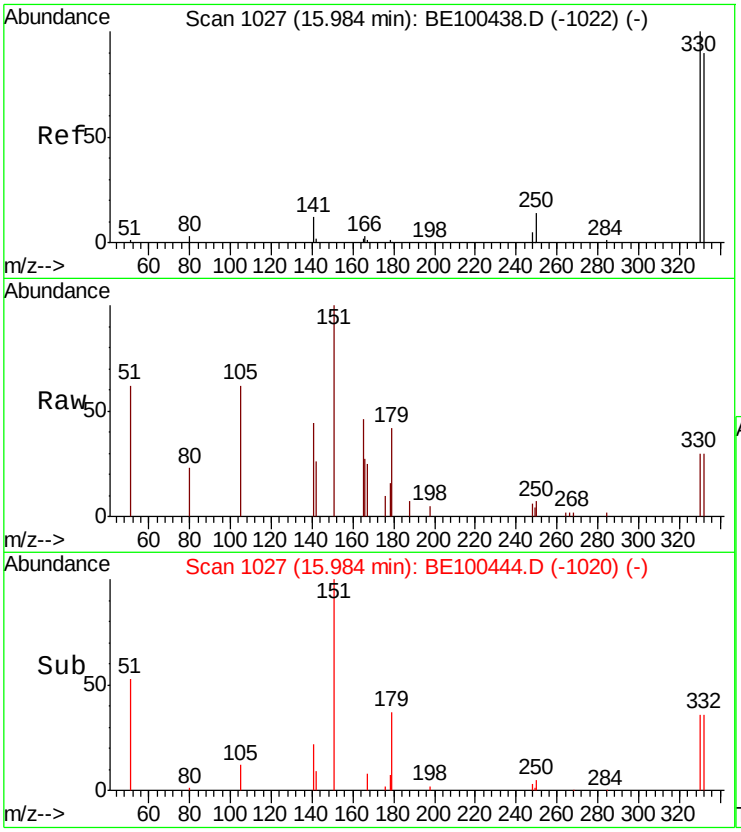


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:164 Resp: 21290

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	124.0
160	43.6	35.6	53.4



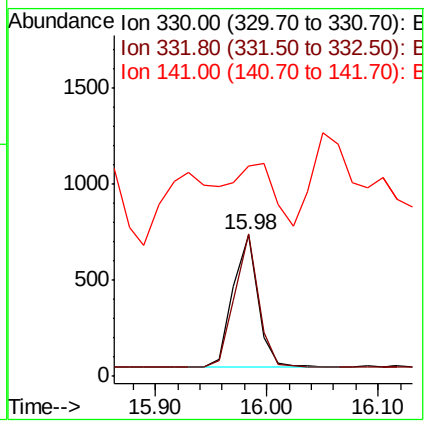


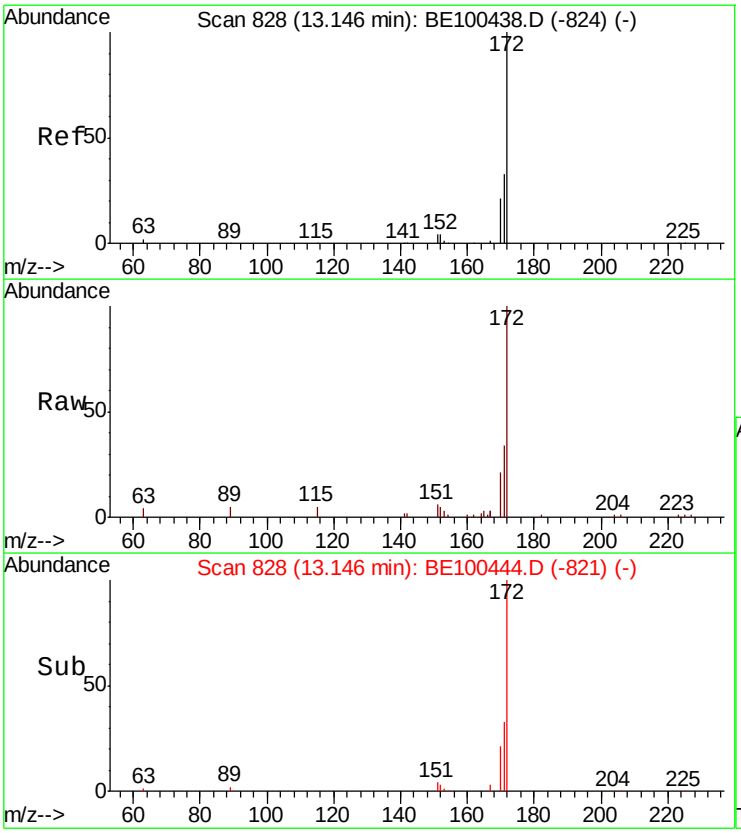
#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1078

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.3	114.5
141	72.9	28.1	42.1#

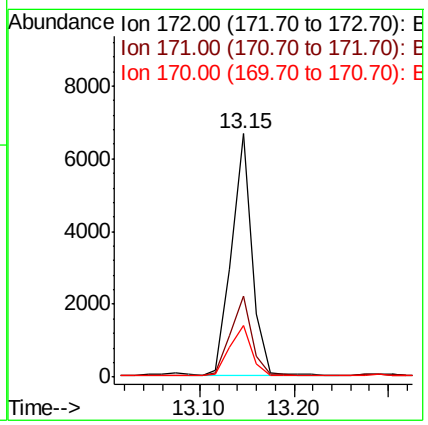


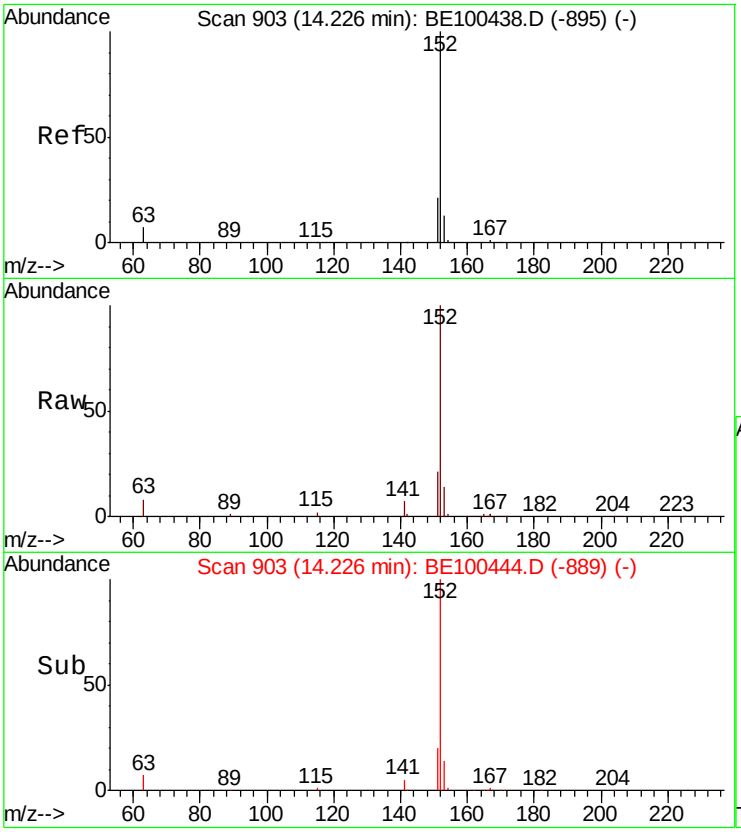


#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:172 Resp: 9904

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.0	40.4
170	21.3	17.4	26.0



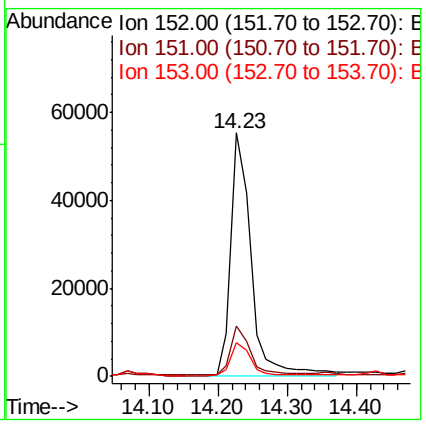


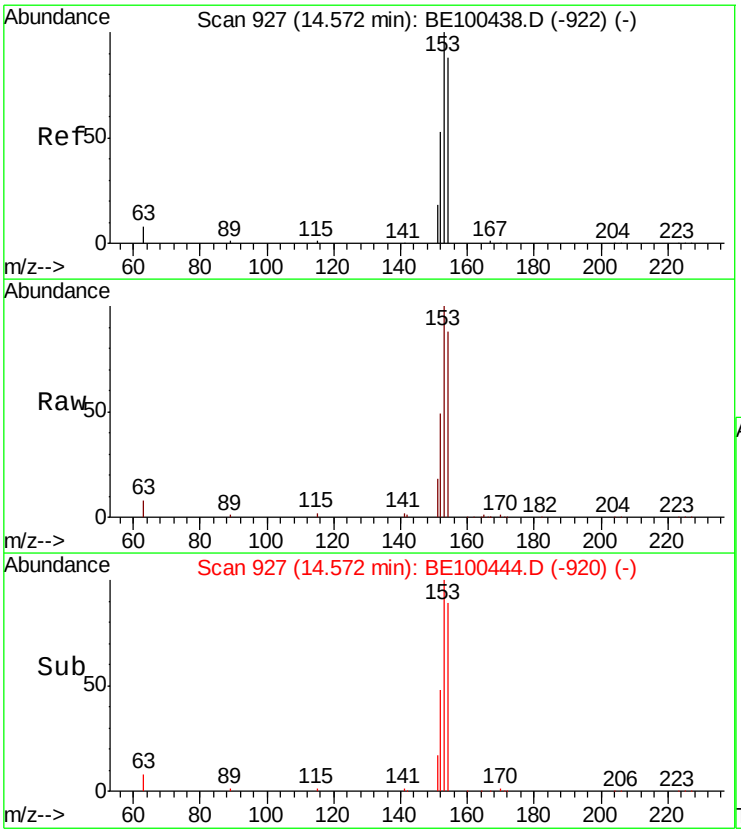
#16
Acenaphthylene
Concen: 1.304 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 112279

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	14.4	10.4	15.6

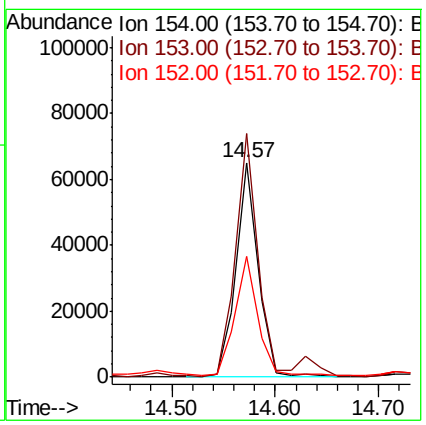


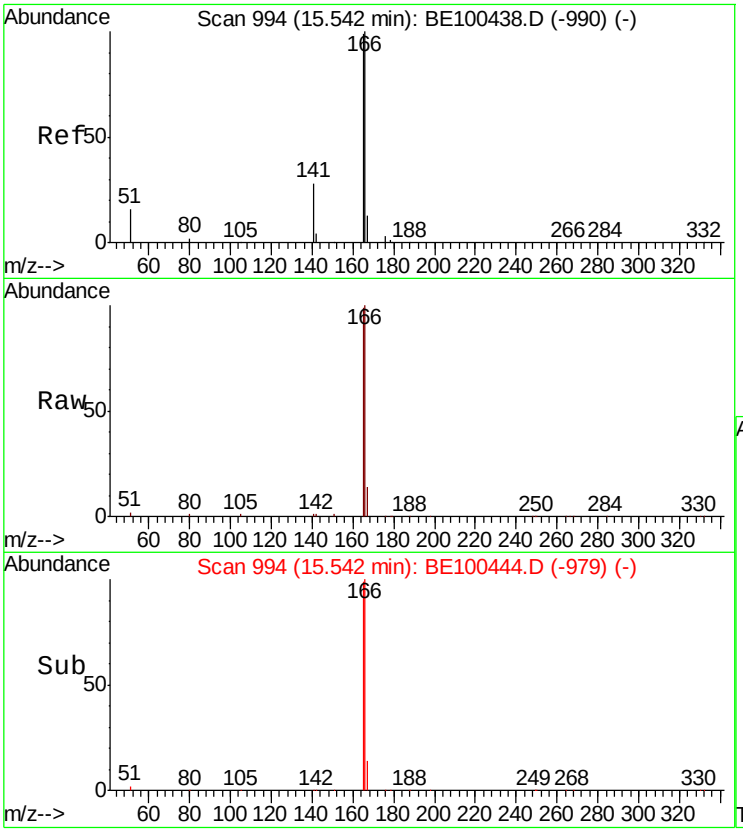


#17
Acenaphthene
Concen: 1.610 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:154 Resp: 95278

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.0	136.4
152	56.7	49.4	74.2



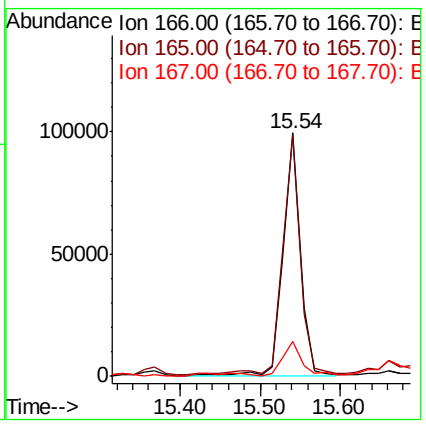


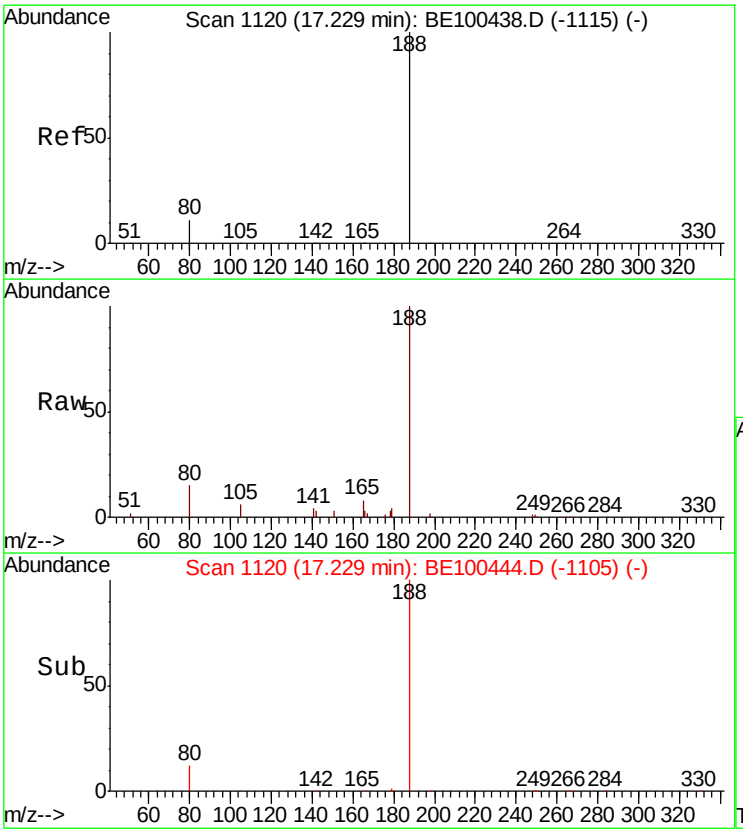
#18
Fluorene
Concen: 1.941 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 148105

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.6	119.4
167	15.4	10.6	15.8

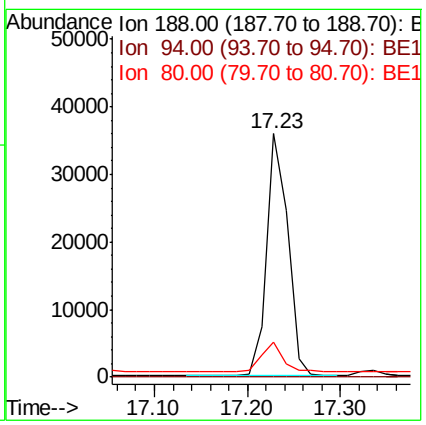


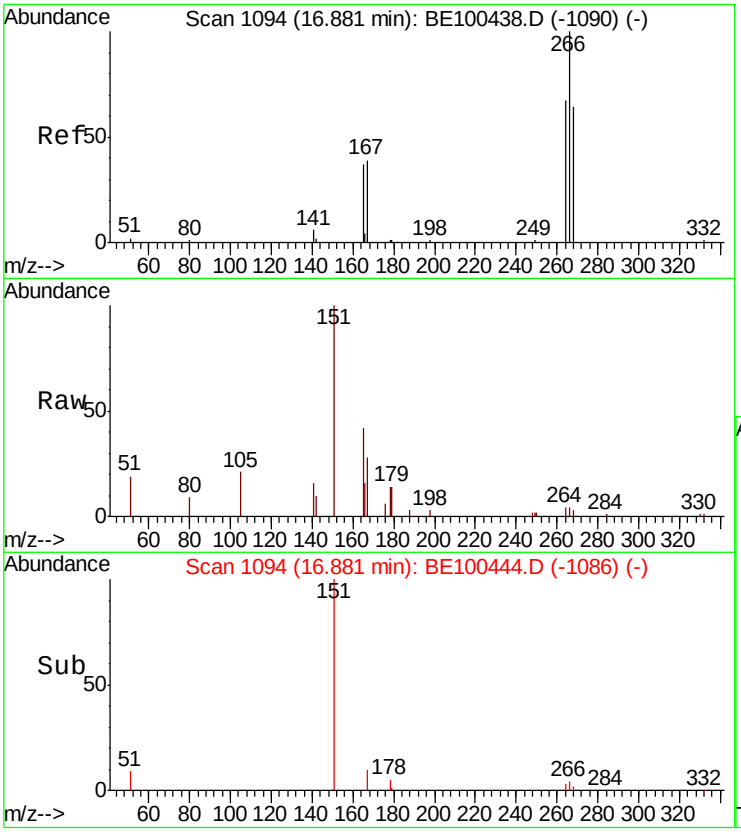


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:188 Resp: 56783

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	9.2	13.8#



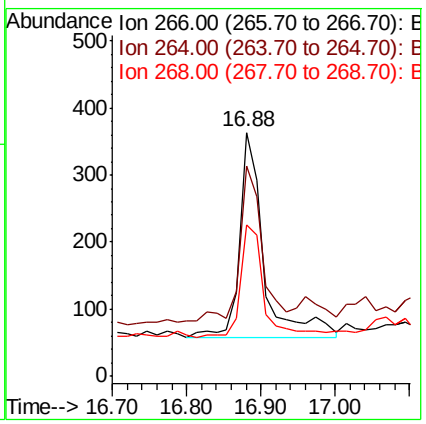


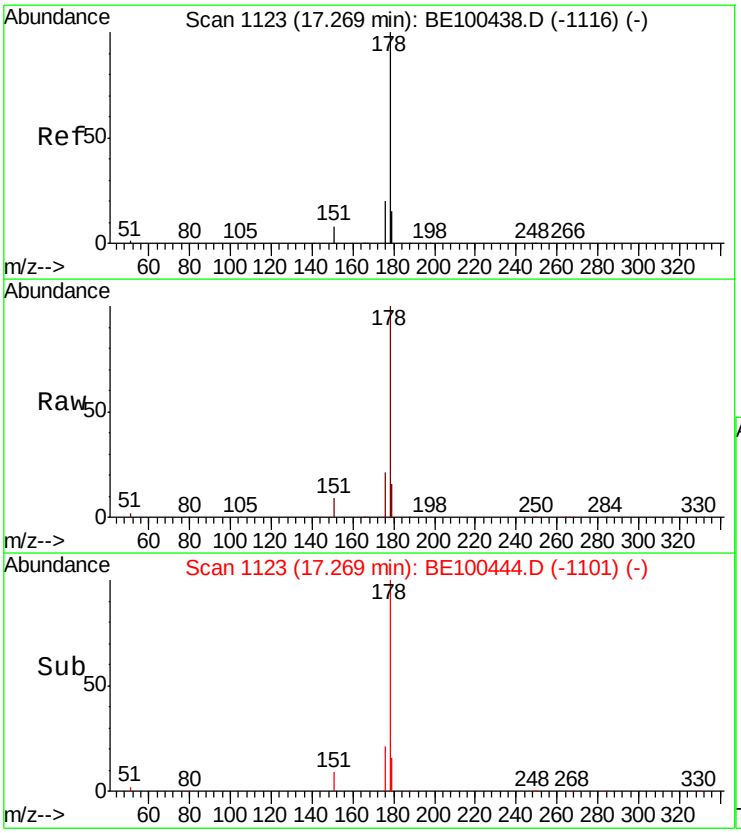
#22
Pentachlorophenol
Concen: 0.270 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 690

Ion	Ratio	Lower	Upper
266	100		
264	86.5	56.2	84.2#
268	62.0	54.9	82.3

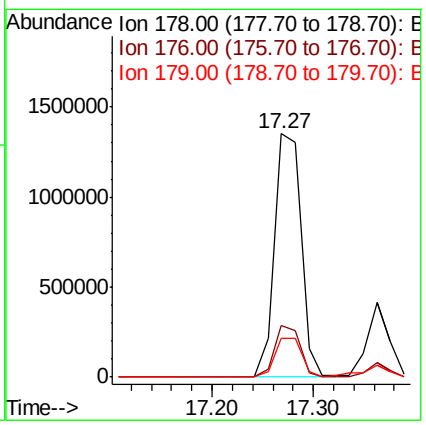


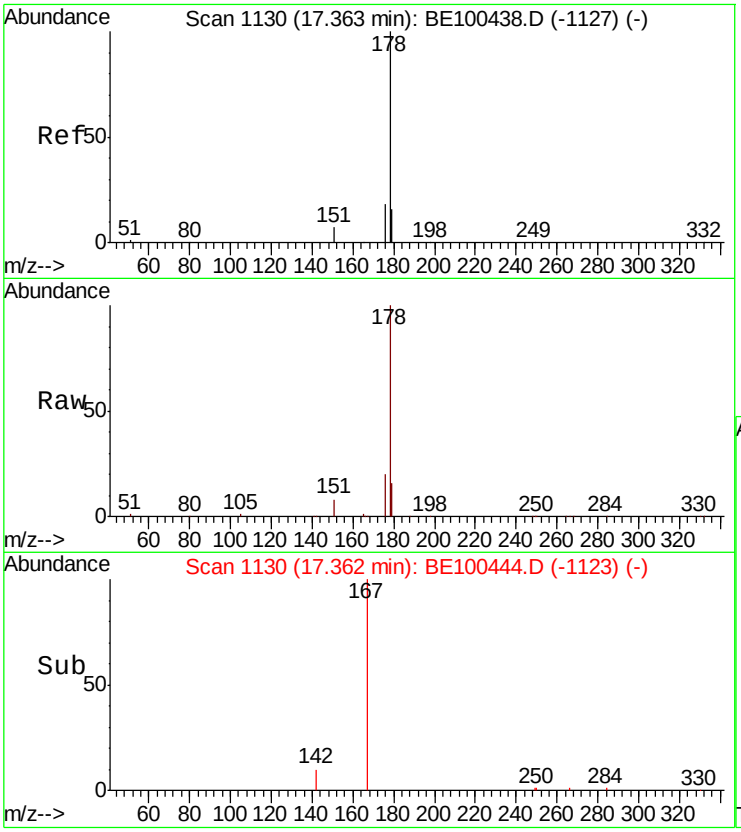


#23
Phenanthrene
Concen: 16.160 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:178 Resp: 2444879

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.5	23.3
179	16.1	12.4	18.6



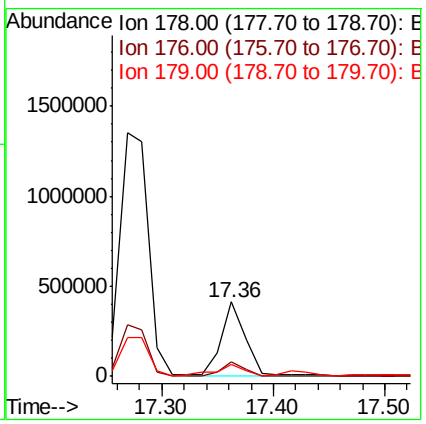


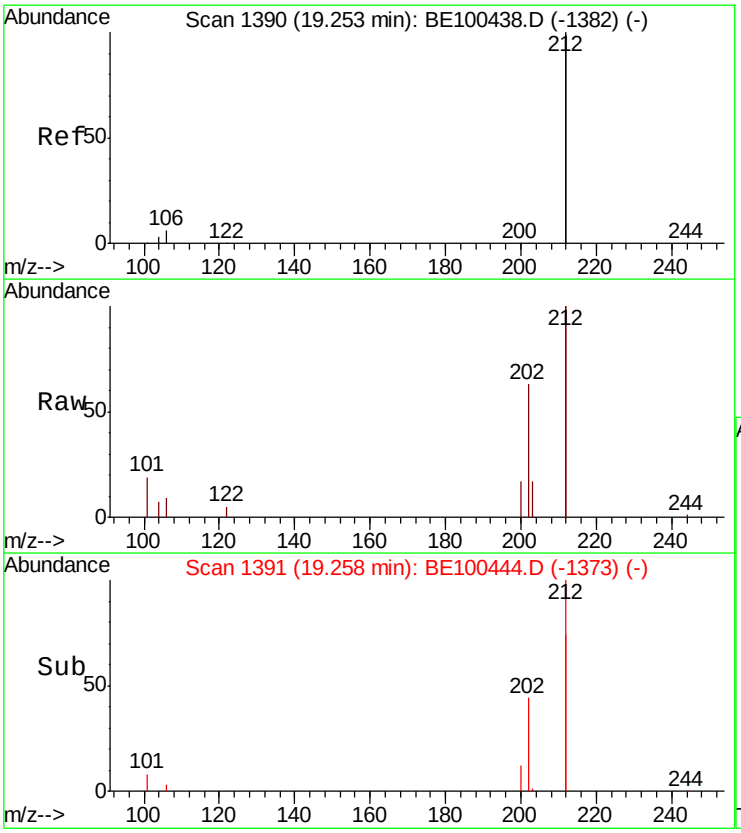
#24
Anthracene
Concen: 4.977 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 621467

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	17.7	12.3	18.5

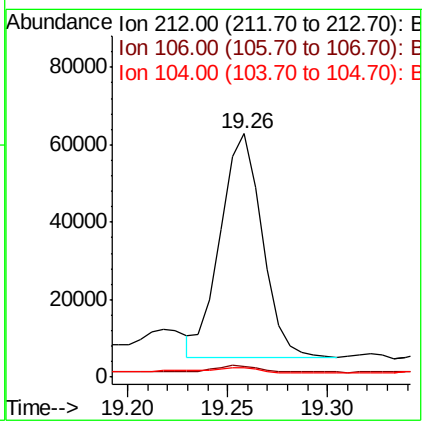


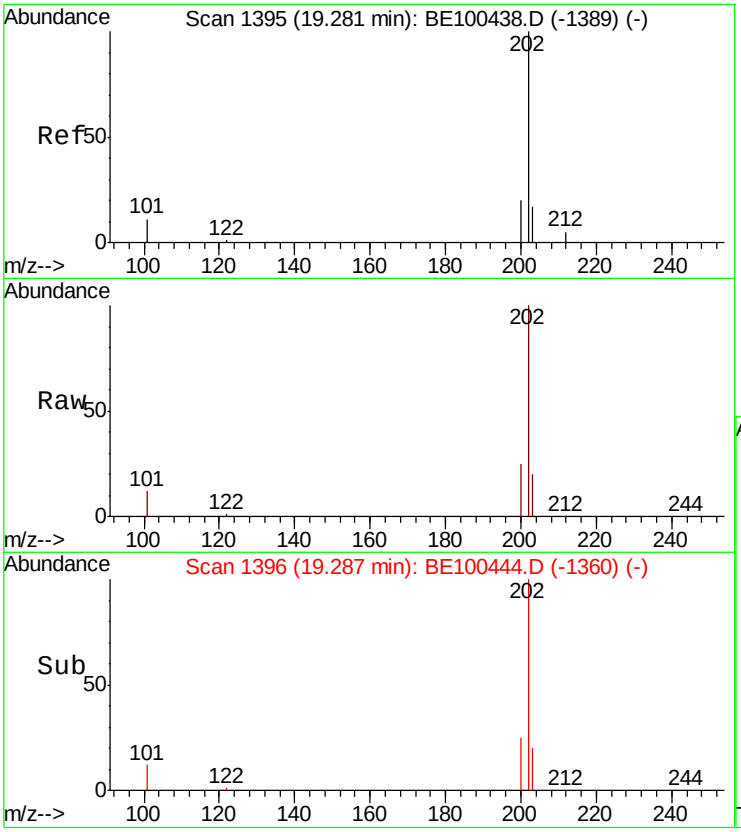


#25
Fluoranthene-d10
Concen: 0.124 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:212 Resp: 83826

Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.6	3.8
104	4.5	1.4	2.2#



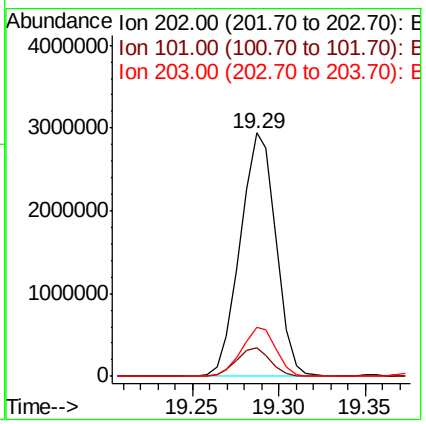


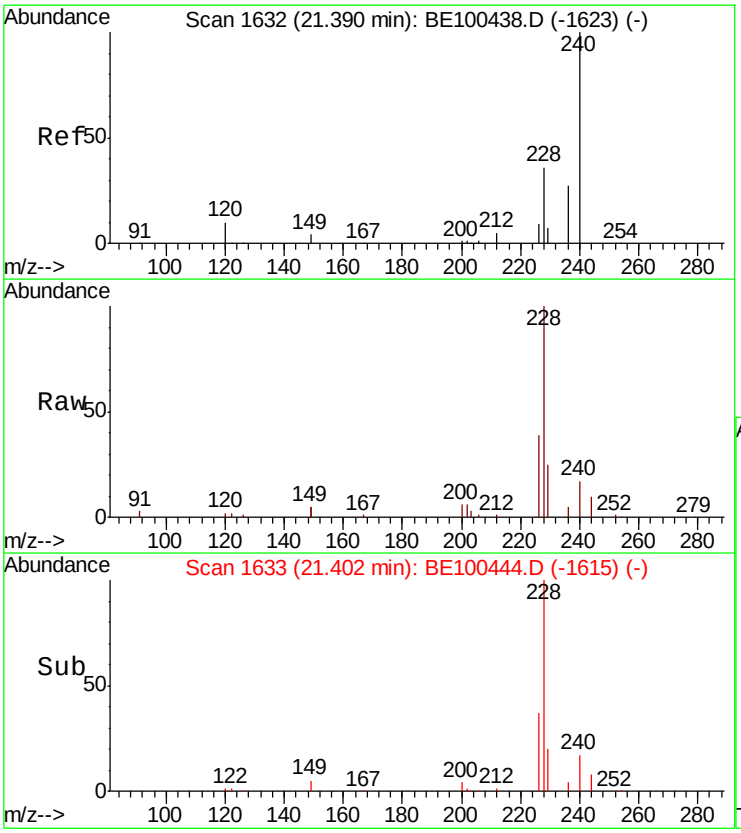
#26
Fluoranthene
Concen: 21.927 ng
RT: 19.29 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4216300

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
203	19.2	13.8	20.6

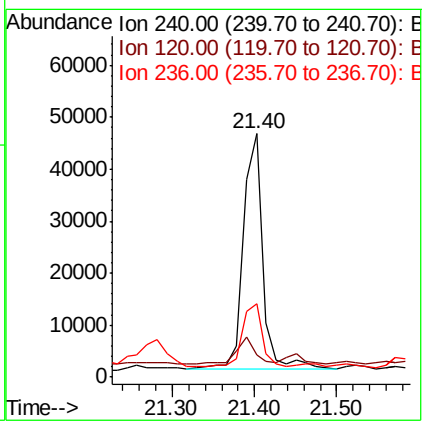


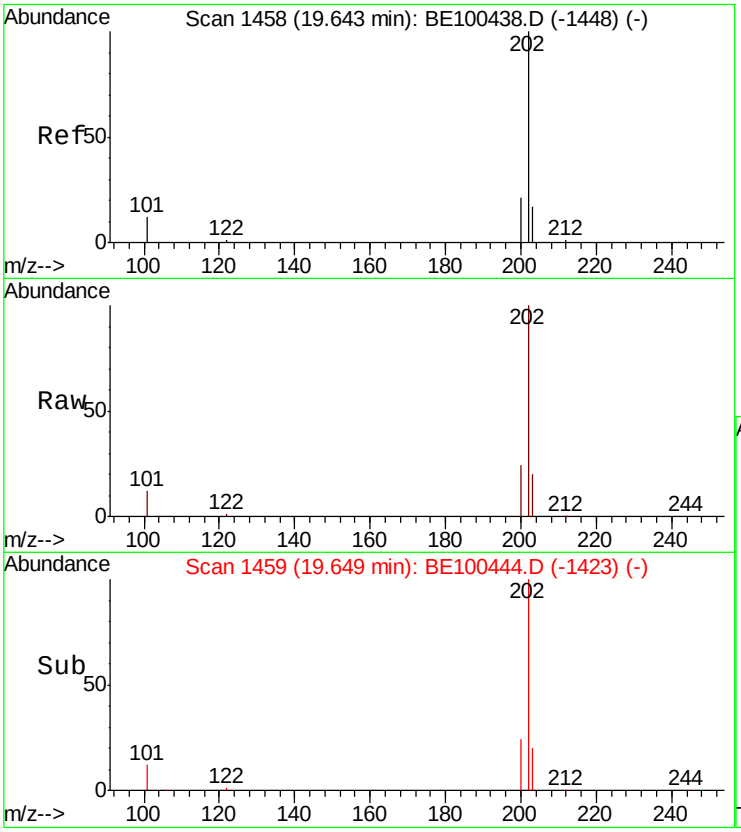


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:240 Resp: 75405

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.8	13.2
236	30.1	22.0	33.0



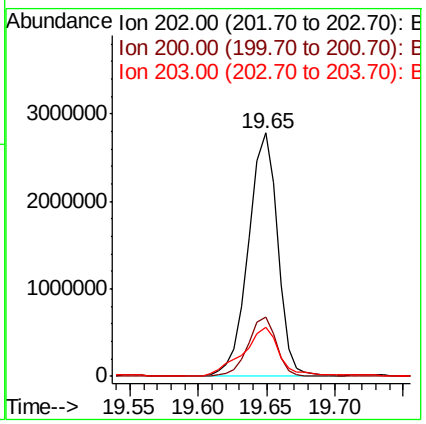


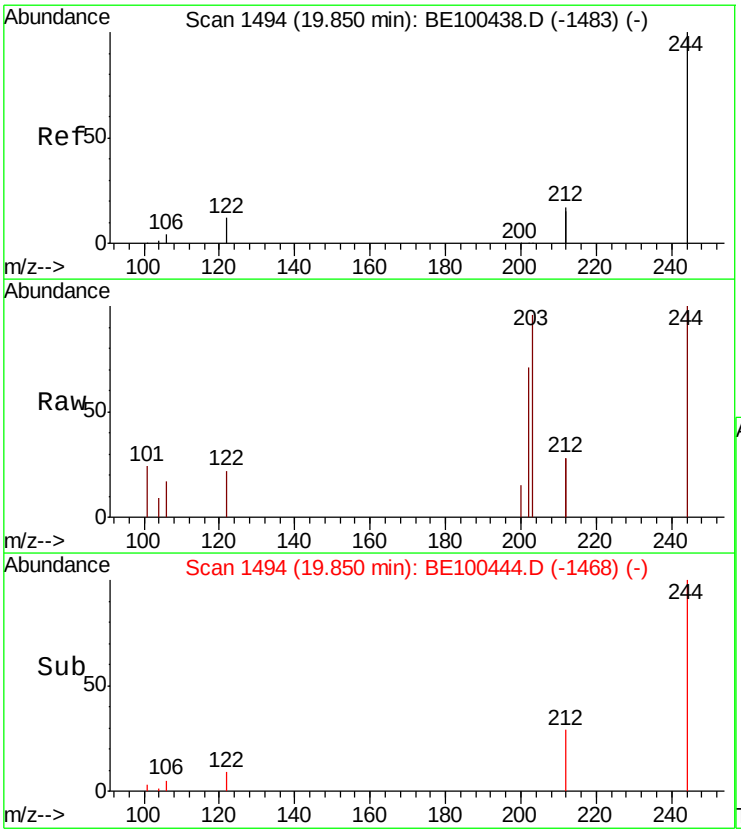
#28
Pyrene
Concen: 18.572 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4096824

Ion	Ratio	Lower	Upper
202	100		
200	23.5	16.8	25.2
203	24.7	13.8	20.8#

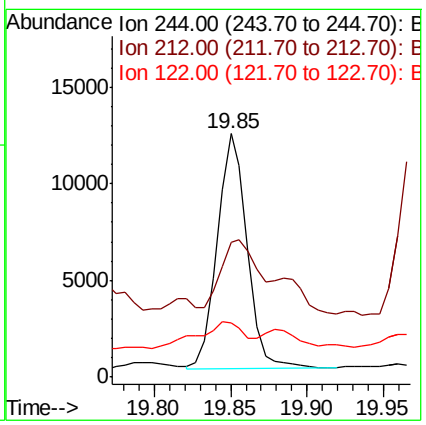


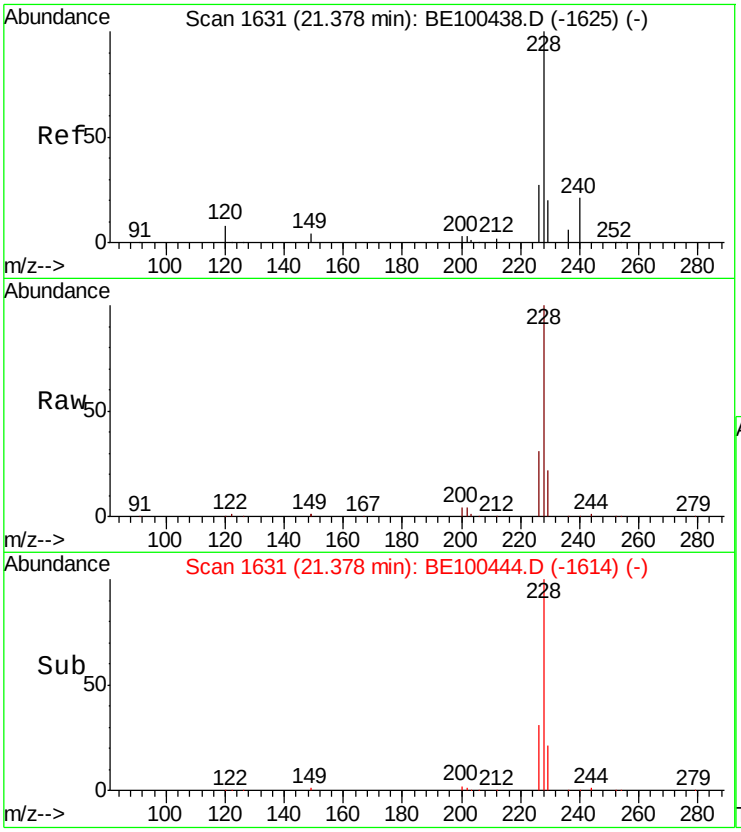


#29
Terphenyl-d14
Concen: 0.090 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:244 Resp: 16614

Ion	Ratio	Lower	Upper
244	100		
212	55.5	26.3	39.5#
122	22.5	9.4	14.2#



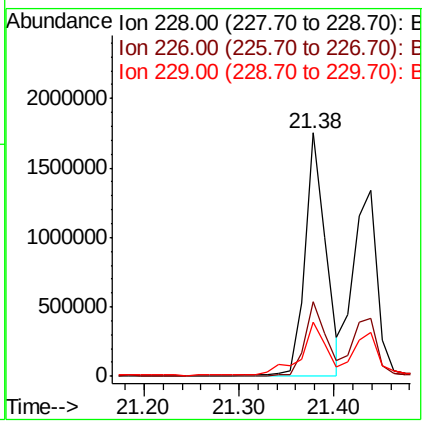


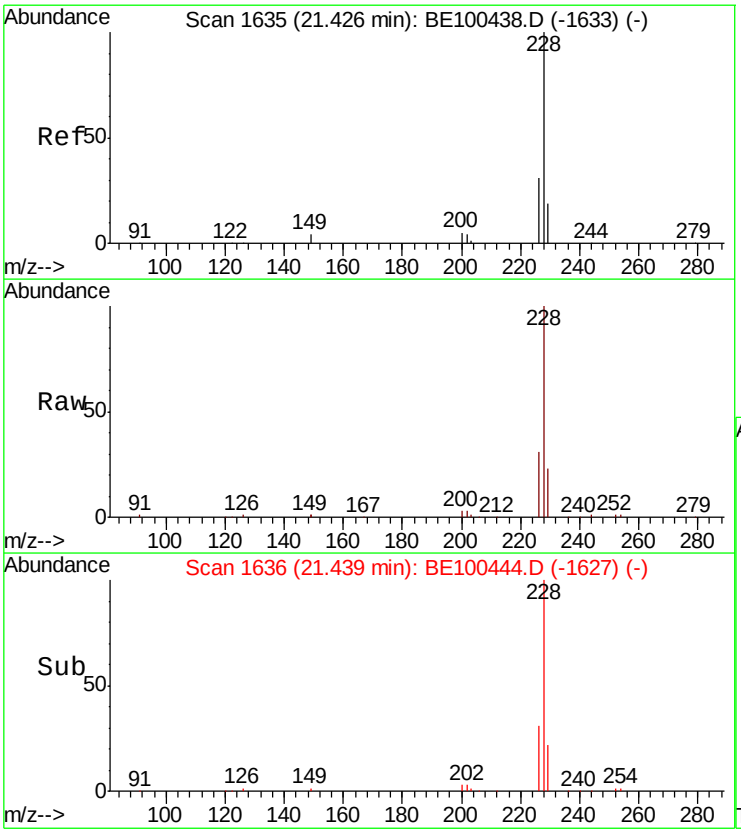
#30
Benzo(a)anthracene
Concen: 12.840 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2627694

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.6	32.4
229	22.1	15.8	23.8

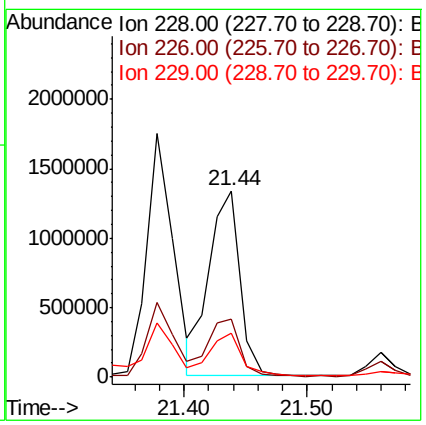


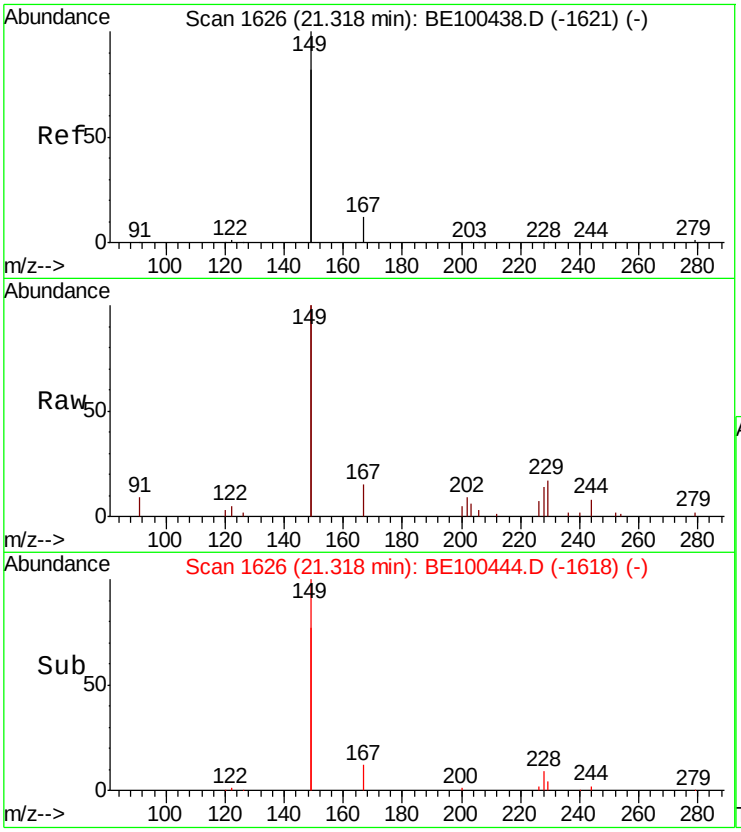


#31
Chrysene
Concen: 9.579 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:228 Resp: 2327932

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	23.4	15.8	23.6



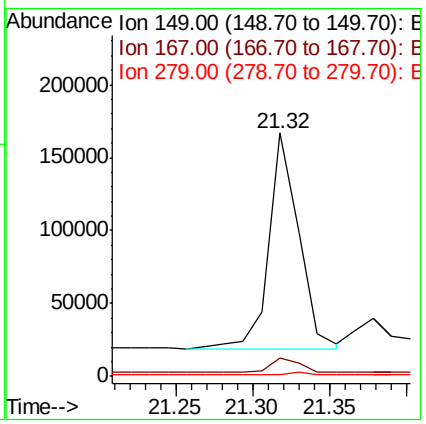


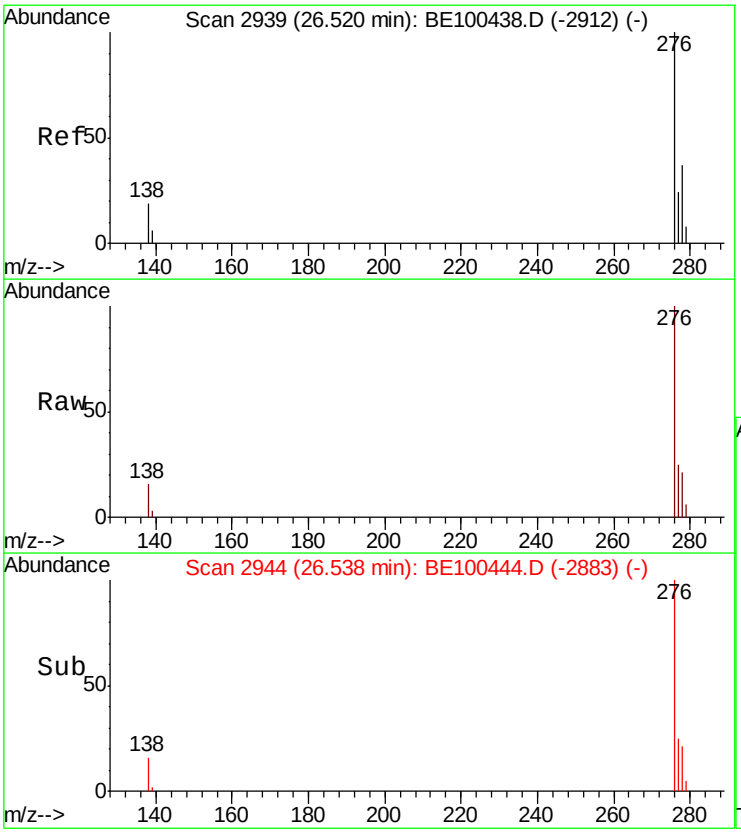
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.363 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 200137

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.0	7.6
279	1.0	1.2	1.8#

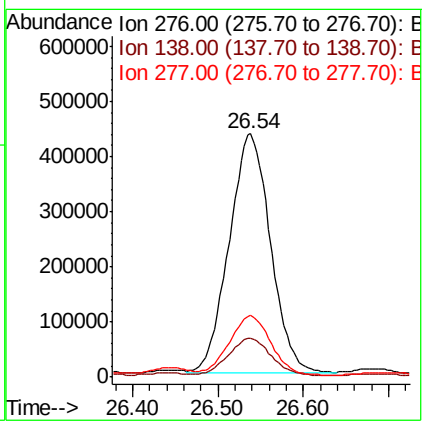


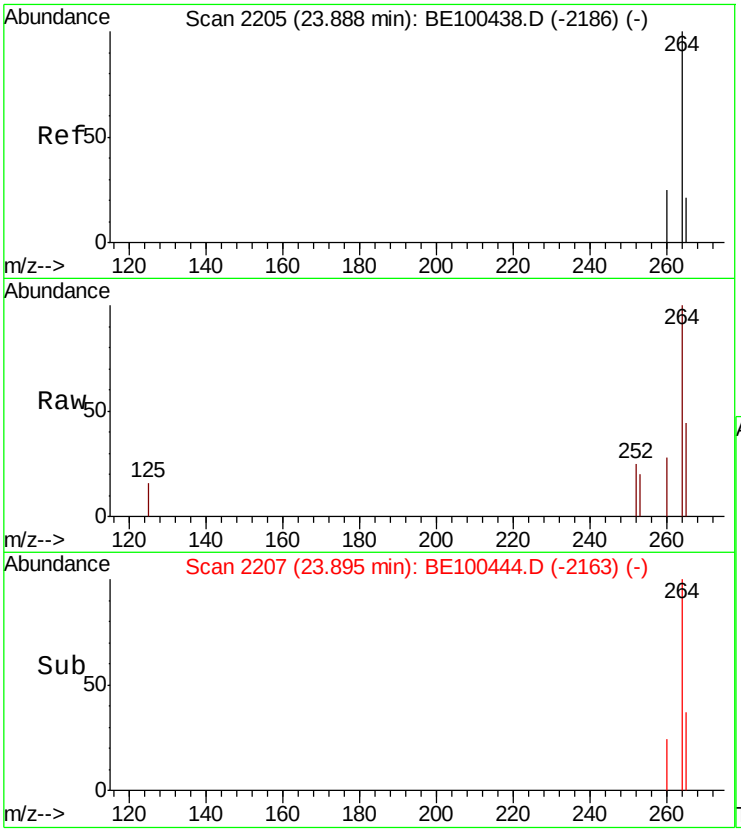


#33
Indeno(1,2,3-cd)pyrene
Concen: 6.780 ng
RT: 26.54 min Scan# 2944
Delta R.T. 0.02 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:276 Resp: 1464883

Ion	Ratio	Lower	Upper
276	100		
138	15.9	17.0	25.6#
277	24.8	19.8	29.6



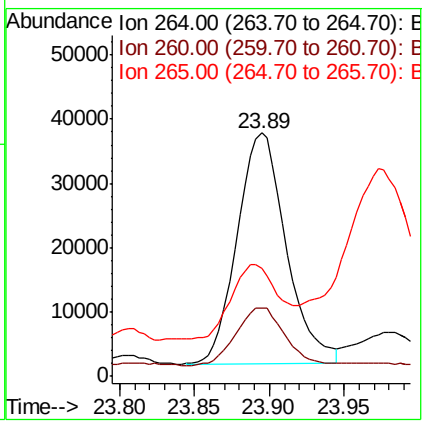


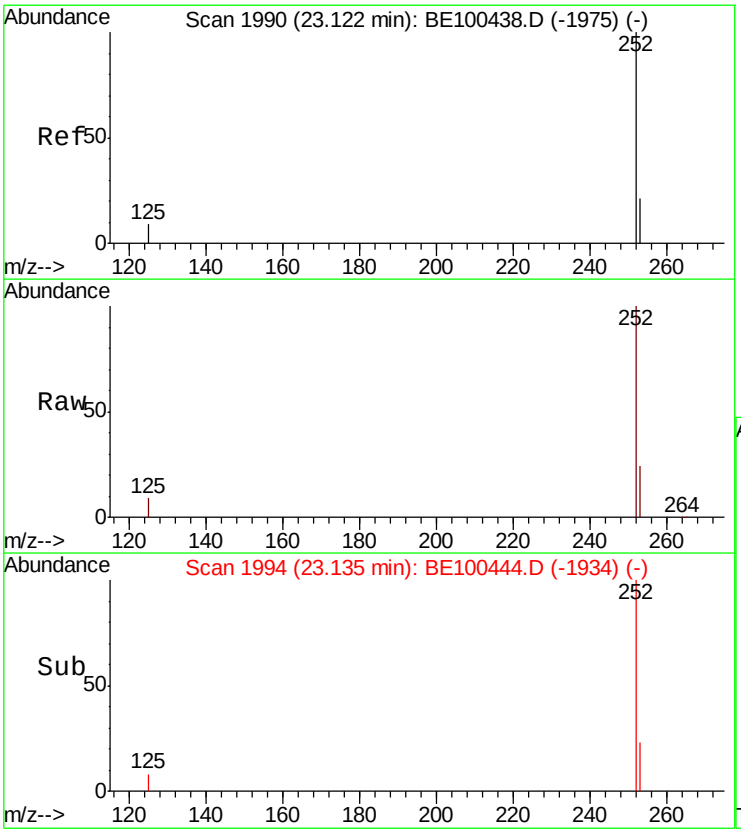
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 82374

Ion	Ratio	Lower	Upper
264	100		
260	28.1	20.0	30.0
265	44.3	22.2	33.4#

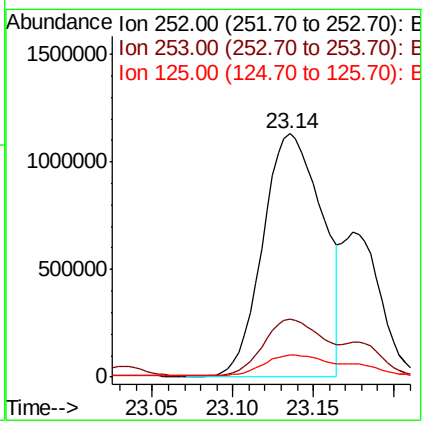


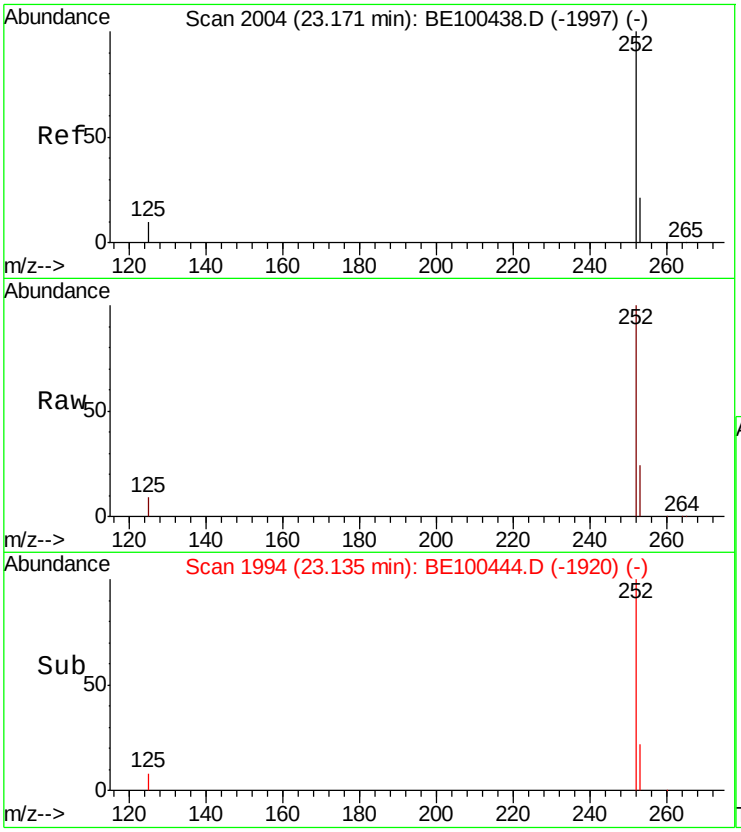


#35
Benzo(b)fluoranthene
Concen: 11.492 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:252 Resp: 2892228

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	8.9	8.0	12.0



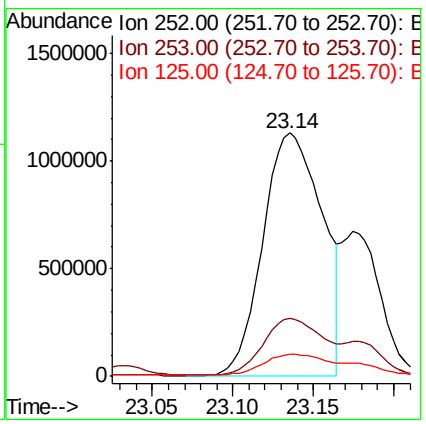


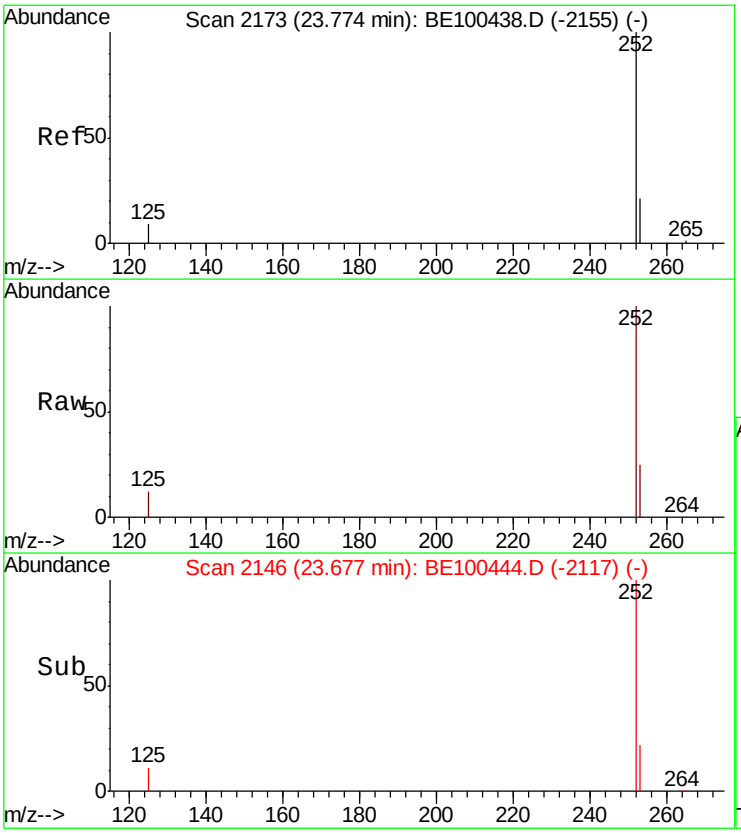
#36
Benzo(k)fluoranthene
Concen: 10.860 ng
RT: 23.14 min Scan# 1994
Delta R.T. -0.04 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2892228

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	8.9	8.3	12.5

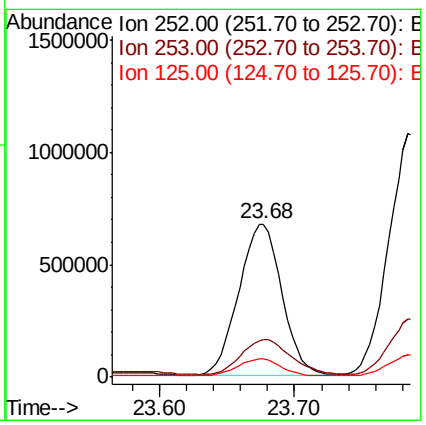


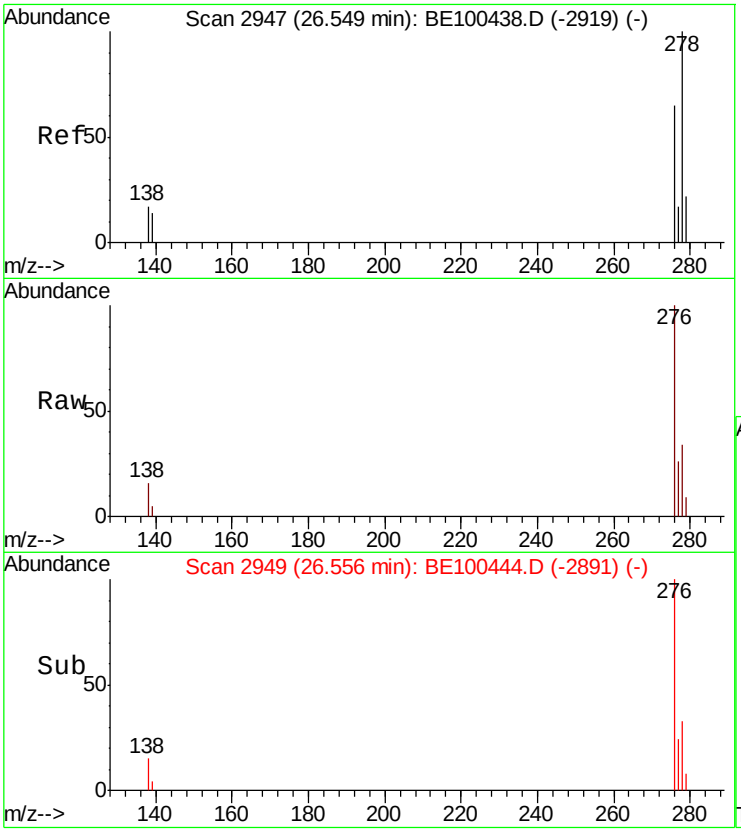


#37
Benzo(a)pyrene
Concen: 7.214 ng
RT: 23.68 min Scan# 2146
Delta R.T. -0.10 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:252 Resp: 1492999

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	12.0	9.0	13.6



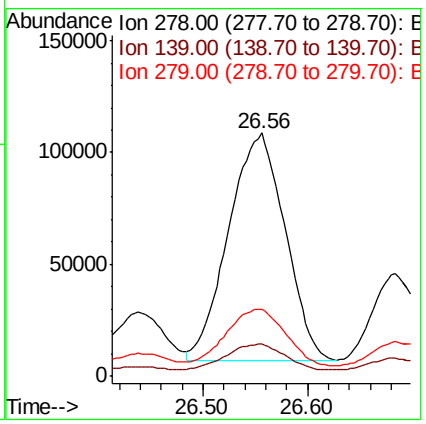


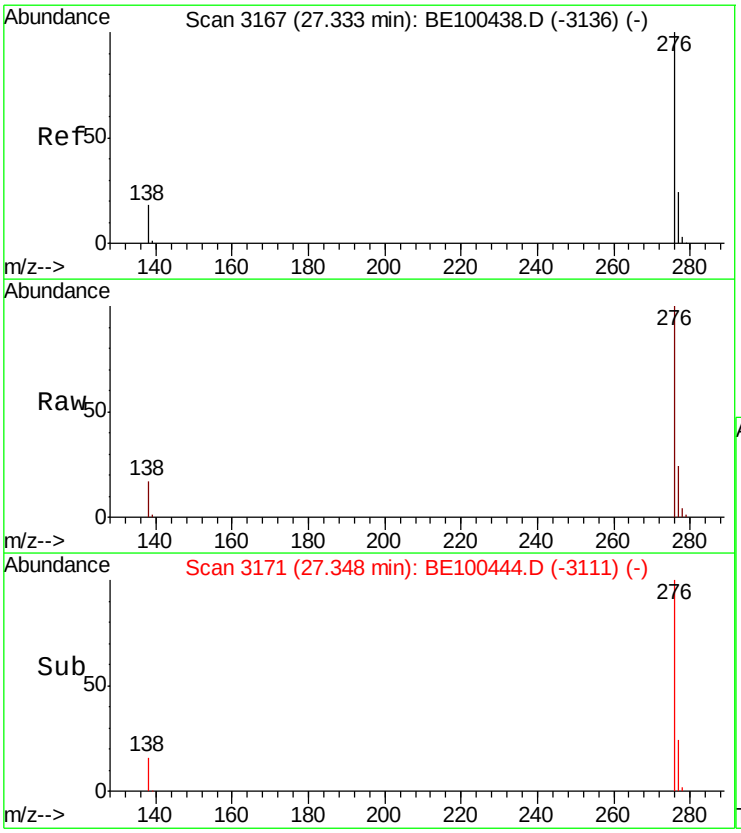
#38
Dibenzo(a,h)anthracene
Concen: 1.726 ng
RT: 26.56 min Scan# 2949
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 380807

Ion	Ratio	Lower	Upper
278	100		
139	13.4	12.2	18.2
279	27.7	18.6	27.8





#39
Benzo(g,h,i)perylene
Concen: 6.165 ng
RT: 27.35 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BE100444.D
Acq: 16 Jul 2019 16:34

Tgt Ion:276 Resp: 1422643

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	16.5	15.1	22.7