Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100327.D
Acq On : 3 Jul 2019 14:11
Operator : JU/SJ
Sample : K3504-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 04 00:35:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	629	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	2230	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1933	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	6270	0.40	ng		0.00
27) Chrysene-d12	21.25	240	8460	0.40	ng		0.00
34) Perylene-d12	23.67	264	10524	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	338	0.21	ng		-0.01
5) Phenol-d6	6.83	99	502	0.24	ng		-0.01
8) Nitrobenzene-d5	8.81	82	437	0.20	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1102	0.26	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	438	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1647	0.22	ng		-0.01
25) Fluoranthene-d10	19.09	212	19375	0.21	ng		0.00
29) Terphenyl-d14	19.69	244	5847	0.33	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.47	128	14553	0.592	ng		99
12) 2-Methylnaphthalene	12.11	142	3076	0.713	ng		99
16) Acenaphthylene	14.02	152	15898	1.714	ng		98
17) Acenaphthene	14.37	154	1287	0.245	ng	#	91
18) Fluorene	15.35	166	4353	0.560	ng	#	88
22) Pentachlorophenol	16.73	266	39	0.031	ng	#	78
23) Phenanthrene	17.09	178	117909	7.759	ng		99
24) Anthracene	17.19	178	13656	0.998	ng		98
26) Fluoranthene	19.12	202	225553	9.318	ng		98
28) Pyrene	19.49	202	301374	13.455	ng		96
30) Benzo(a)anthracene	21.22	228	154481	5.554	ng		96
31) Chrysene	21.28	228	188215	6.738	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	32009	0.757	ng		100
33) Indeno(1,2,3-cd)pyrene	26.22	276	97981	2.652	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	181631	6.366	ng	#	95
36) Benzo(k)fluoranthene	22.93	252	181631	5.703	ng		99
37) Benzo(a)pyrene	23.56	252	136409	4.770	ng	#	93
38) Dibenzo(a,h)anthracene	26.24	278	25192	0.844	ng	#	89
39) Benzo(g,h,i)perylene	27.01	276	113693	3.706	ng		98

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

Quantitation Report (Not Reviewed)

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Data File : BE100327.D
Acq On : 3 Jul 2019 14:11
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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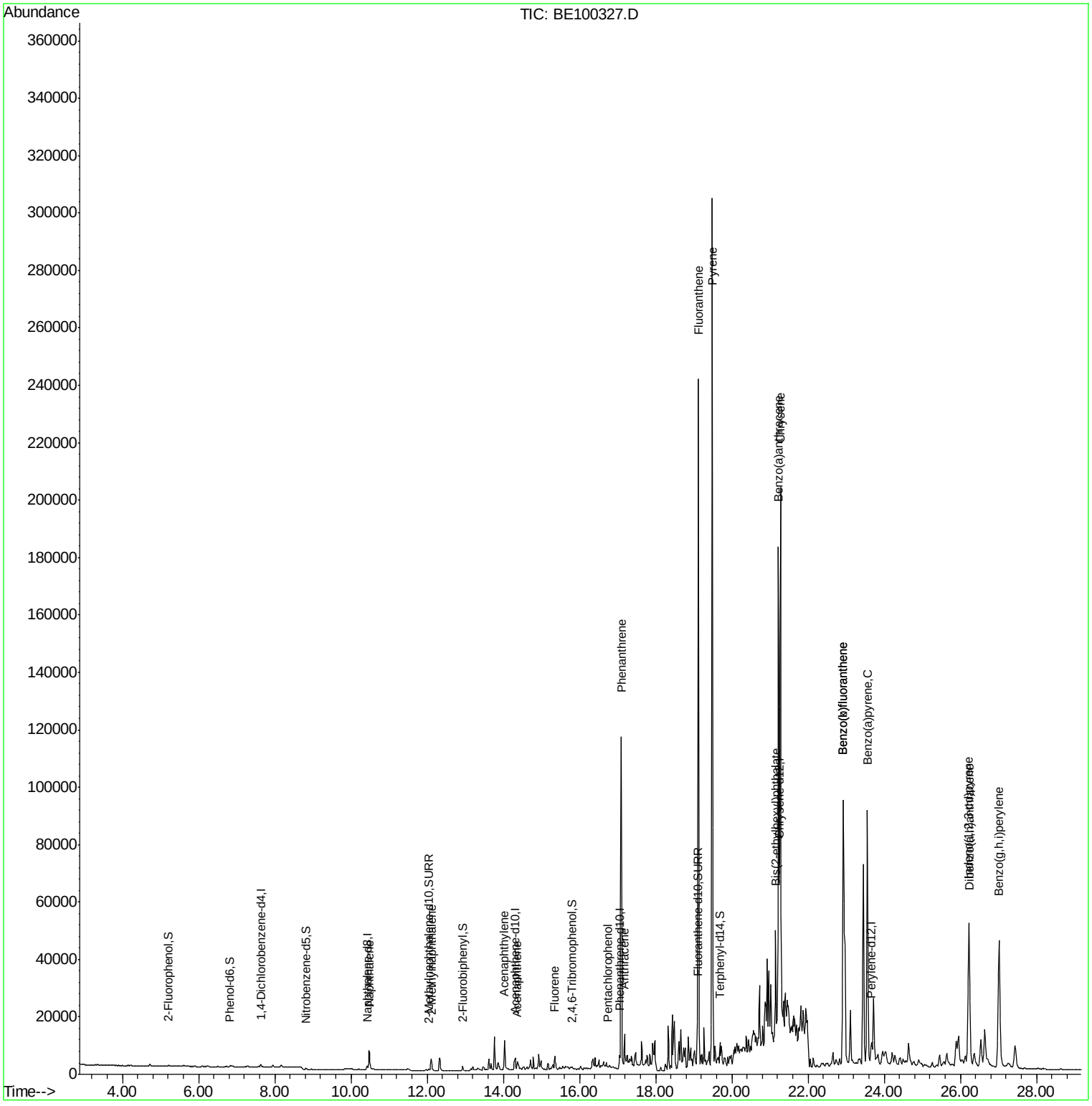
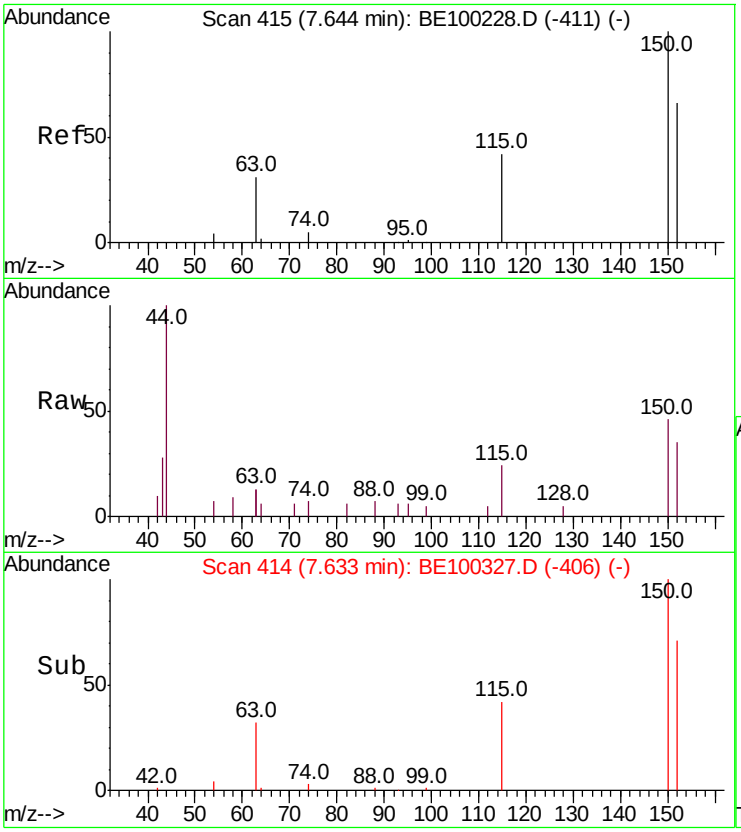
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



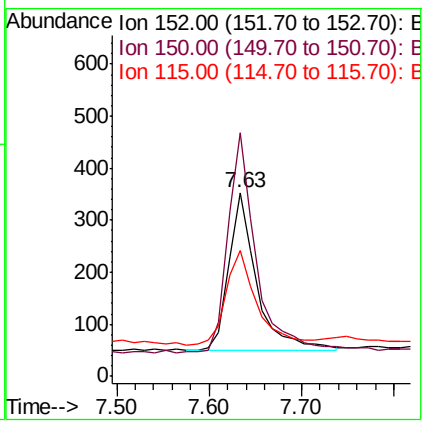


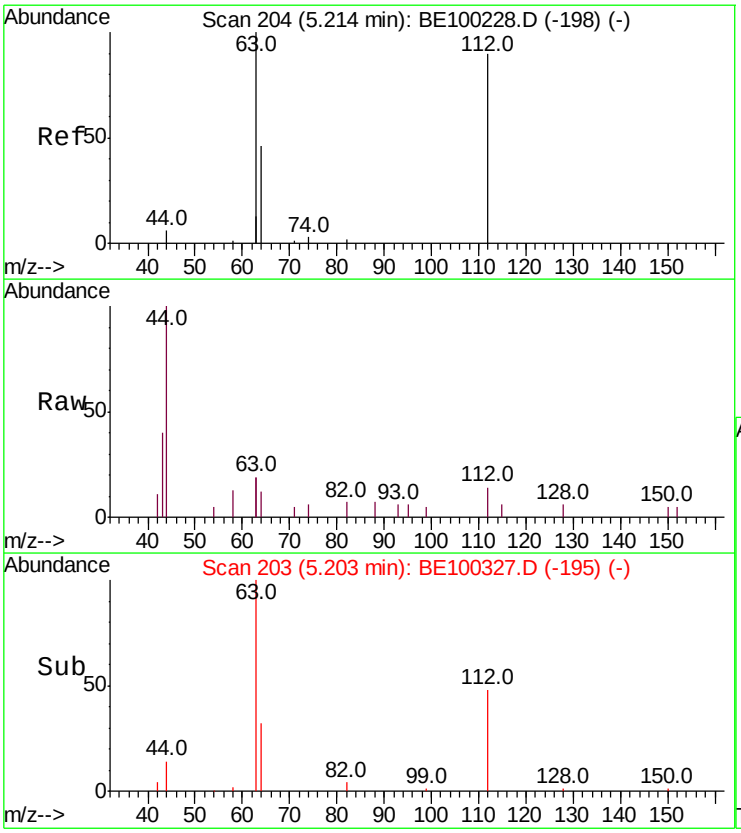
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 629

Ion	Ratio	Lower	Upper
152	100		
150	132.6	114.5	171.7
115	68.8	57.1	85.7

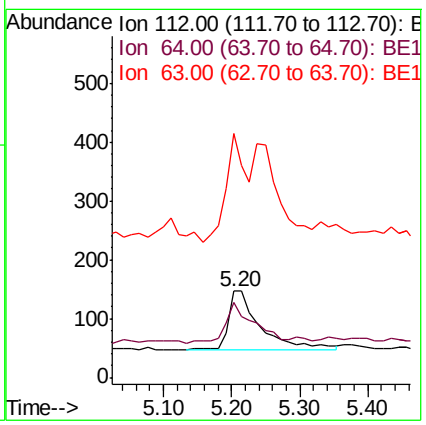


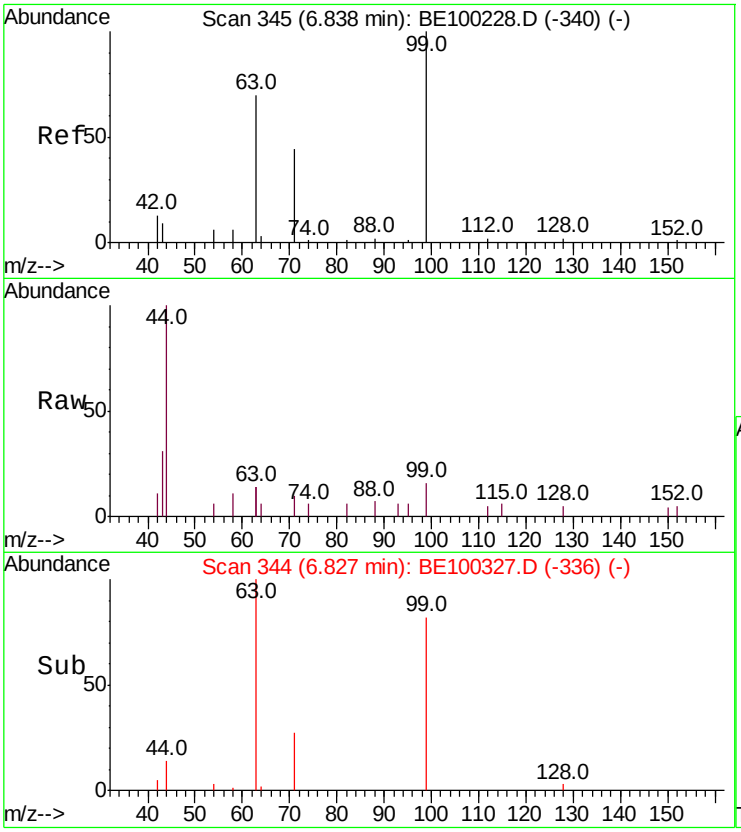


#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:112 Resp: 338

Ion	Ratio	Lower	Upper
112	100		
64	63.3	39.4	59.0#
63	112.1	104.5	156.7



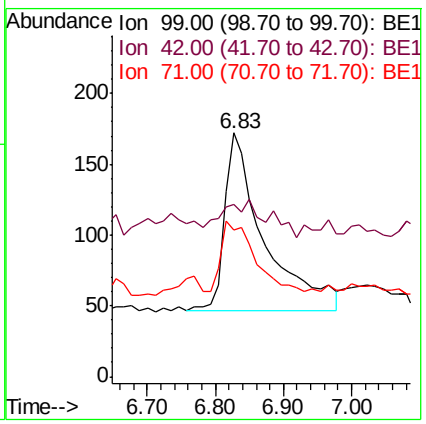


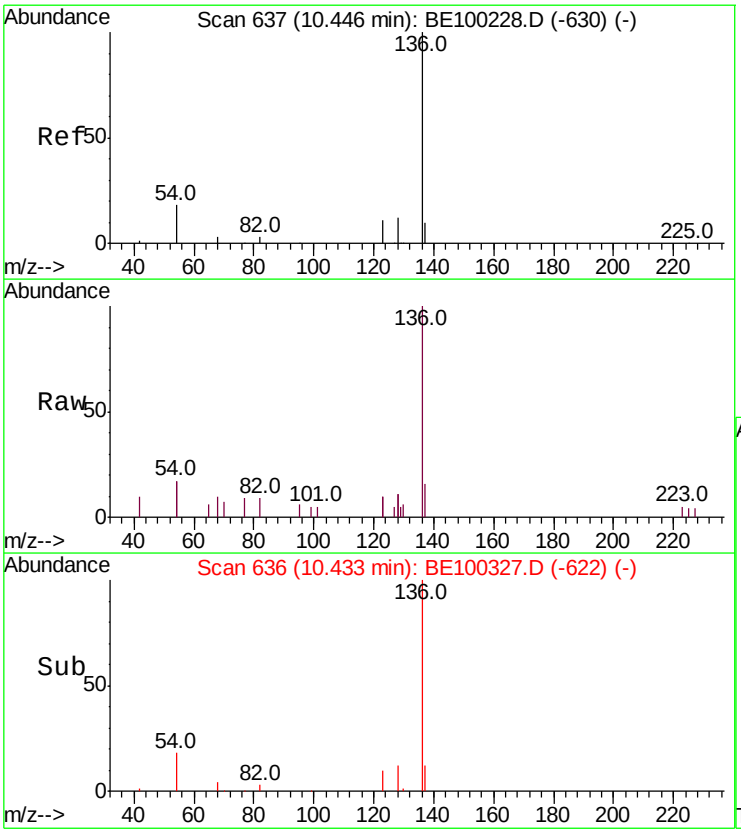
#5
Phenol-d6
Concen: 0.238 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 502

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.2	16.8#
71	34.5	37.2	55.8#

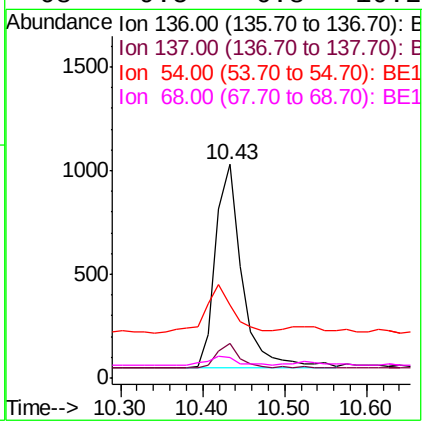


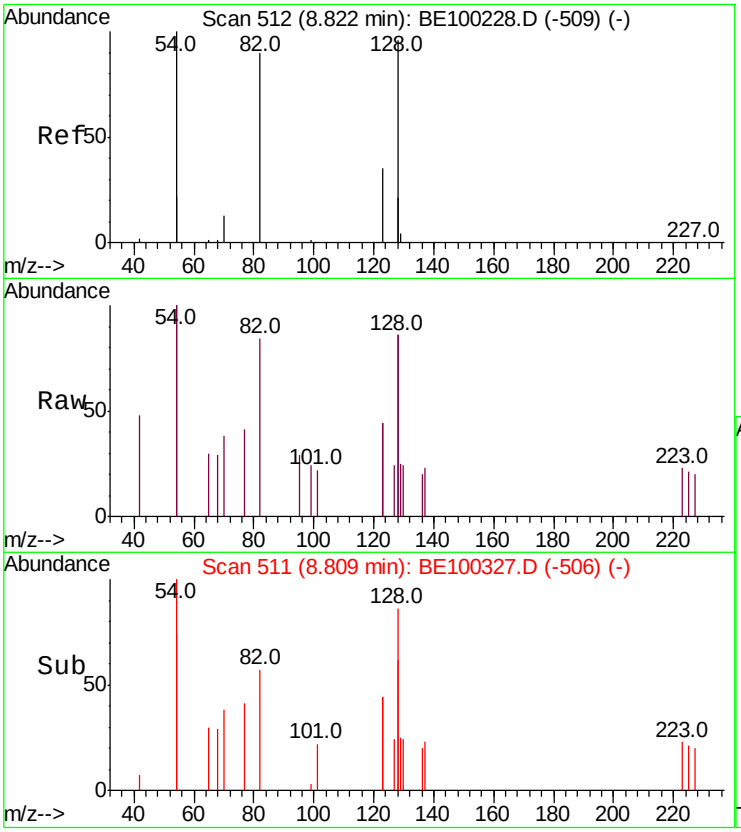


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:136 Resp: 2230

Ion	Ratio	Lower	Upper
136	100		
137	15.9	11.8	17.8
54	34.4	27.7	41.5
68	9.5	6.8	10.2



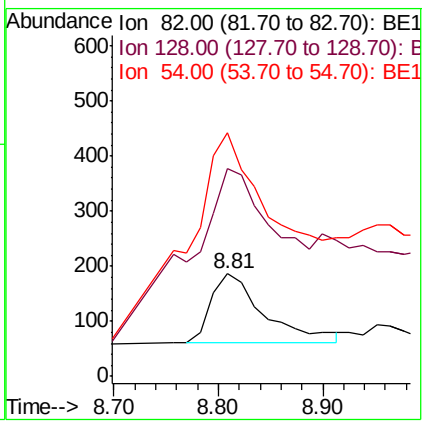


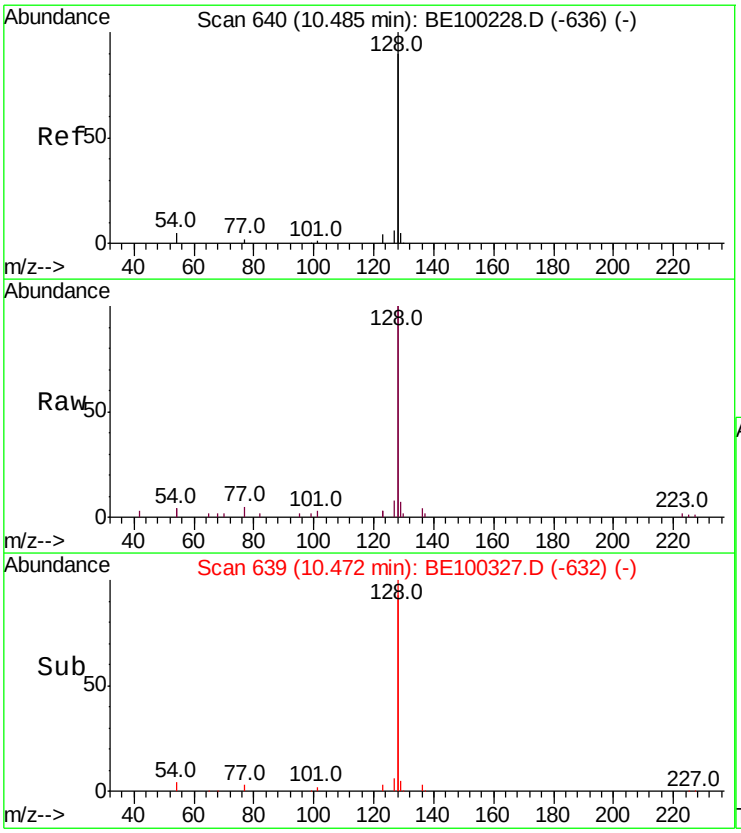
#8
Nitrobenzene-d5
Concen: 0.197 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 437

Ion	Ratio	Lower	Upper
82	100		
128	203.2	140.9	211.3
54	237.6	146.2	219.2#

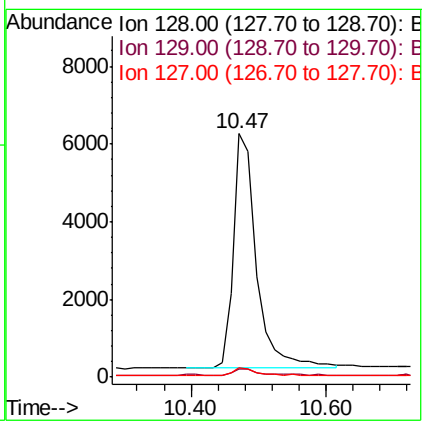


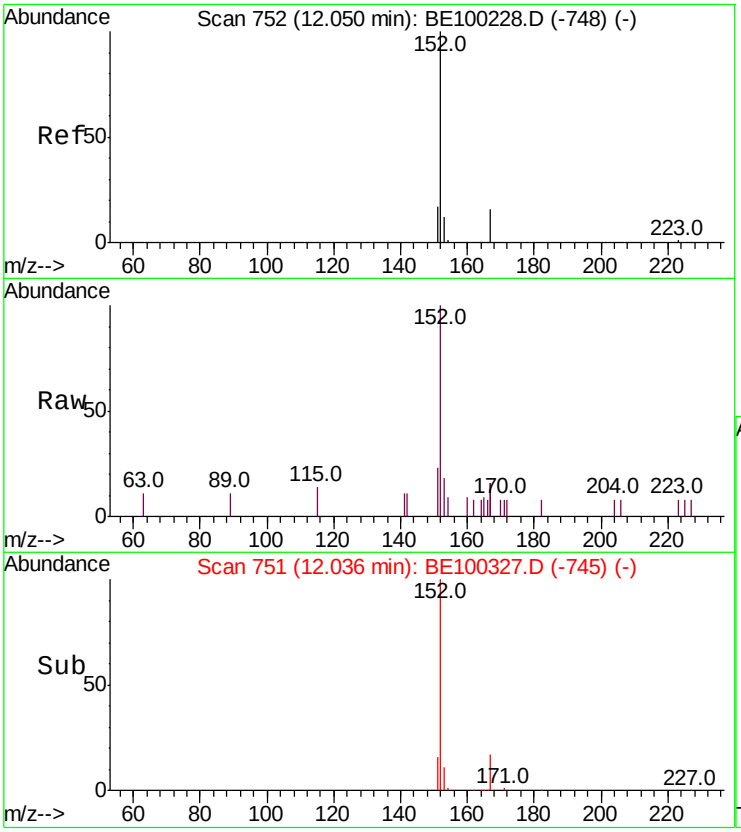


#9
Naphthalene
Concen: 0.592 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:128 Resp: 14553

Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	4.0	3.5	5.3



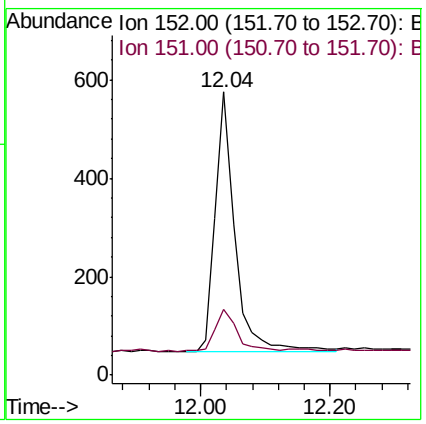


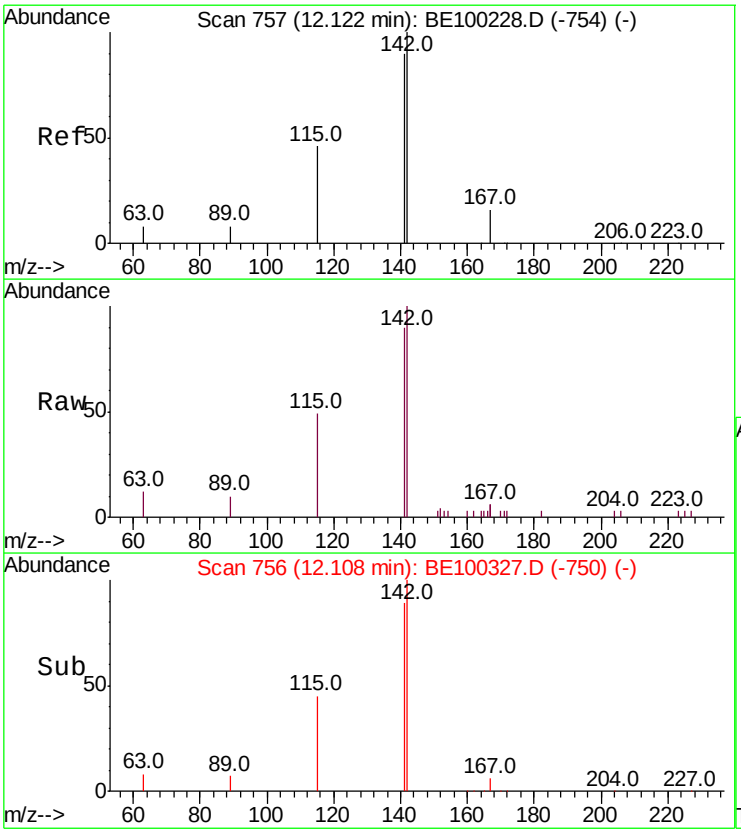
#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1102

Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.1	22.7

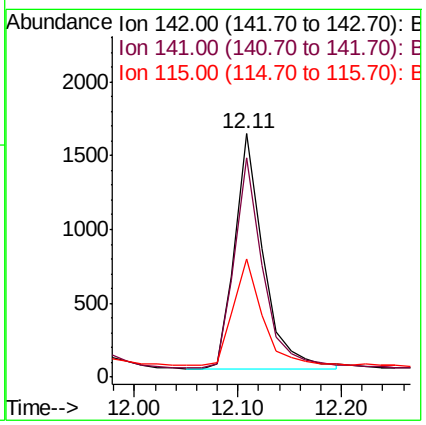


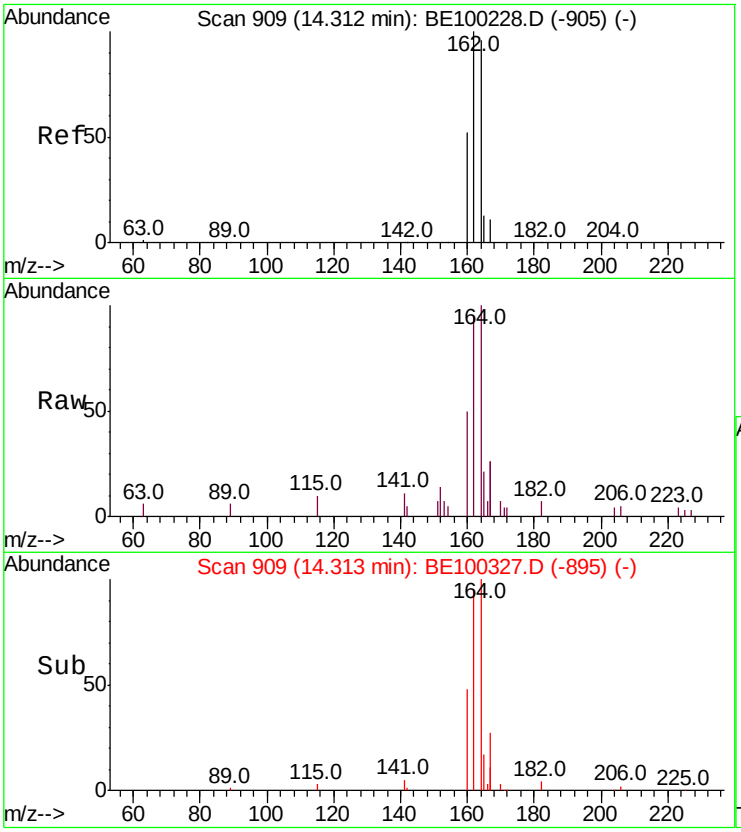


#12
2-Methylnaphthalene
Concen: 0.713 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:142 Resp: 3076

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.4	108.6
115	48.8	40.4	60.6



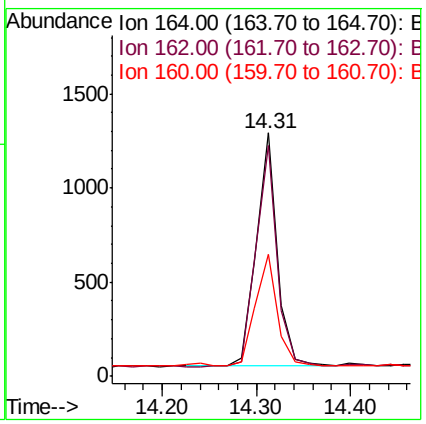


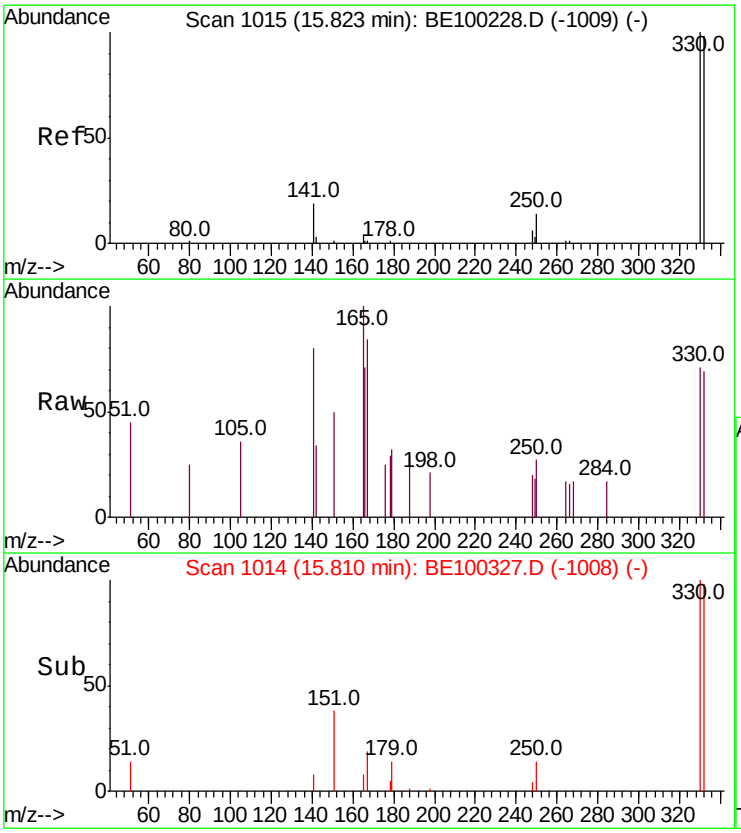
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1933

Ion	Ratio	Lower	Upper
164	100		
162	94.8	83.4	125.0
160	49.9	45.0	67.6

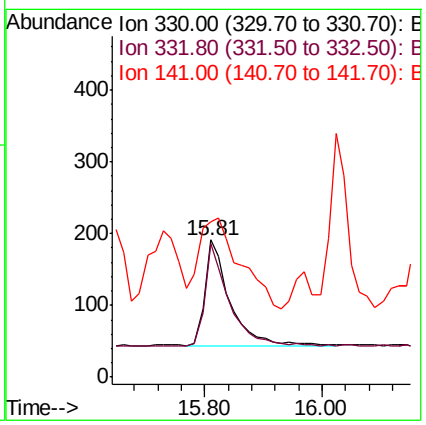


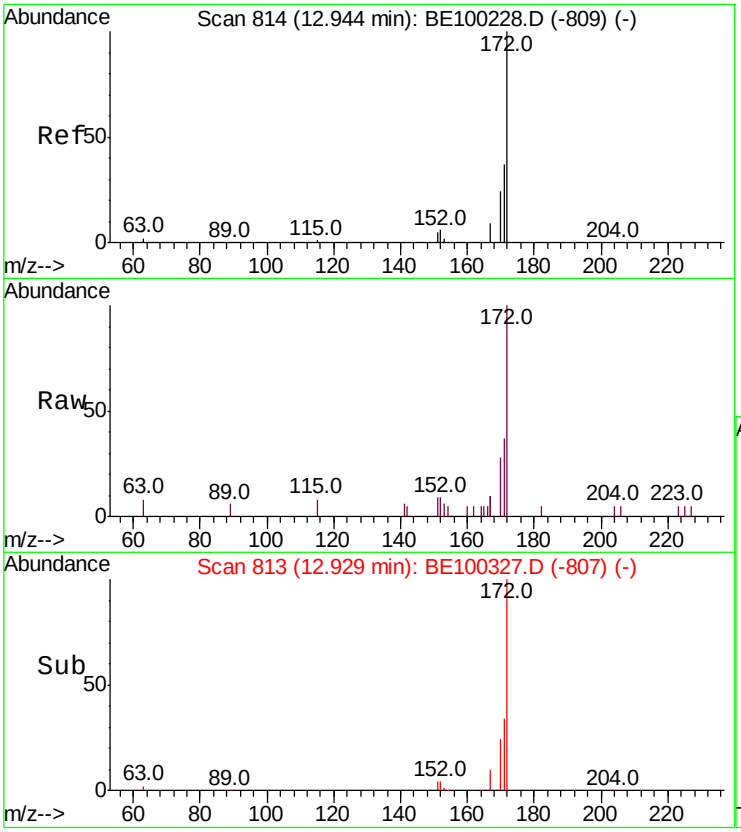


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:330 Resp: 438

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.4
141	140.2	22.0	33.0#



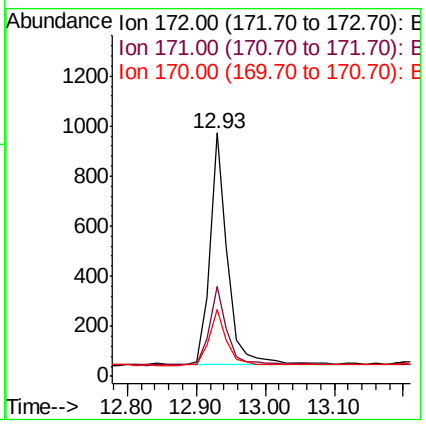


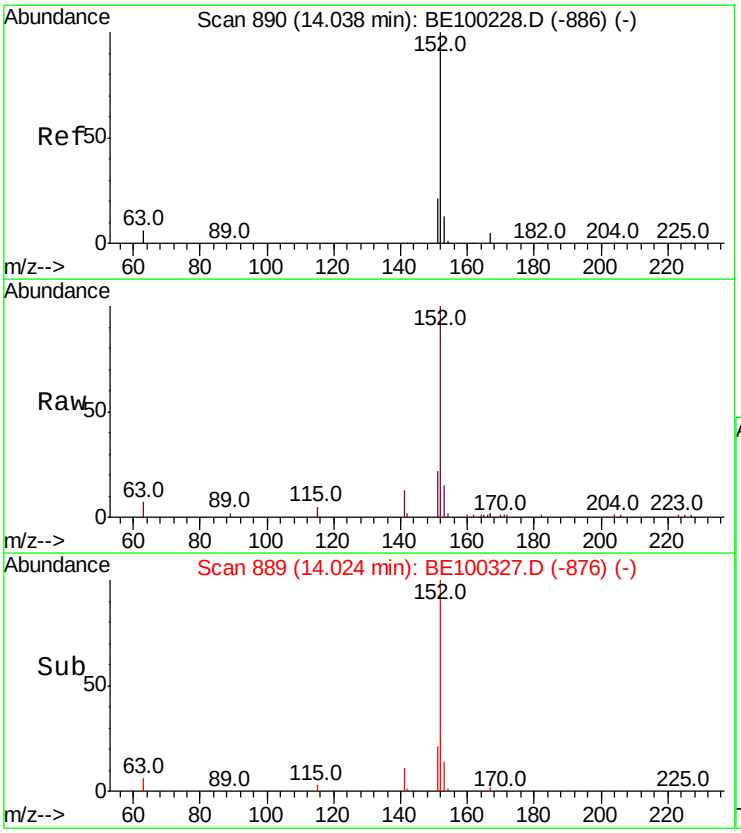
#15
2-Fluorobiphenyl
Concen: 0.219 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1647

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.9	47.9
170	27.5	22.2	33.2

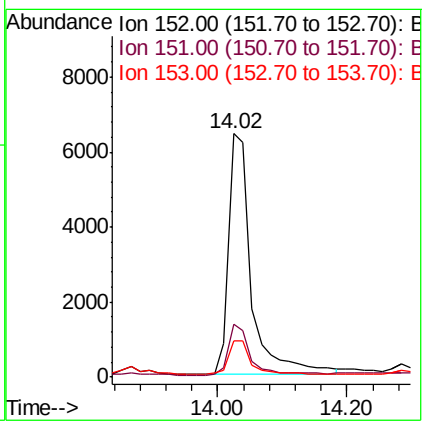


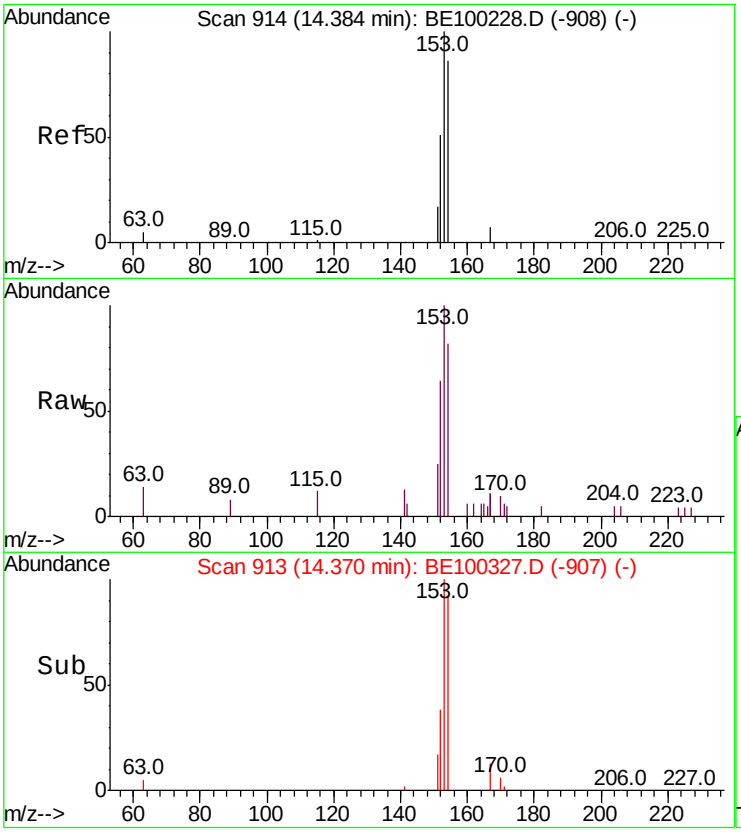


#16
Acenaphthylene
Concen: 1.714 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:152 Resp: 15898

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	14.1	10.5	15.7



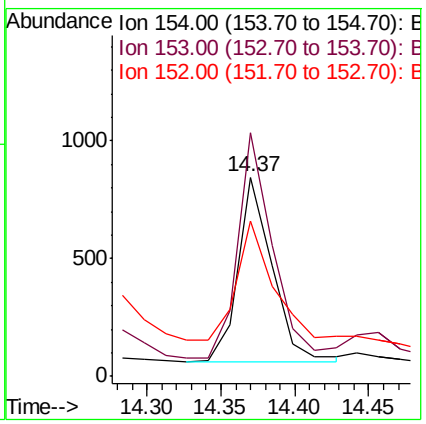


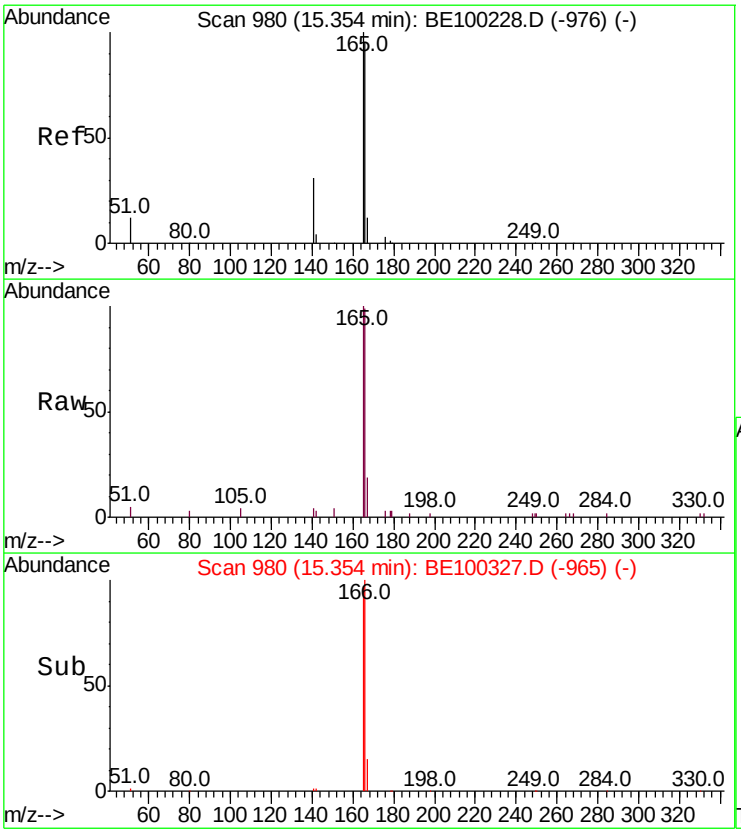
#17
Acenaphthene
Concen: 0.245 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 1287

Ion	Ratio	Lower	Upper
154	100		
153	120.2	93.4	140.2
152	77.8	49.4	74.2#

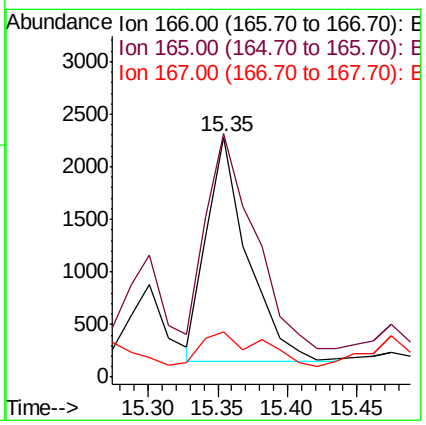


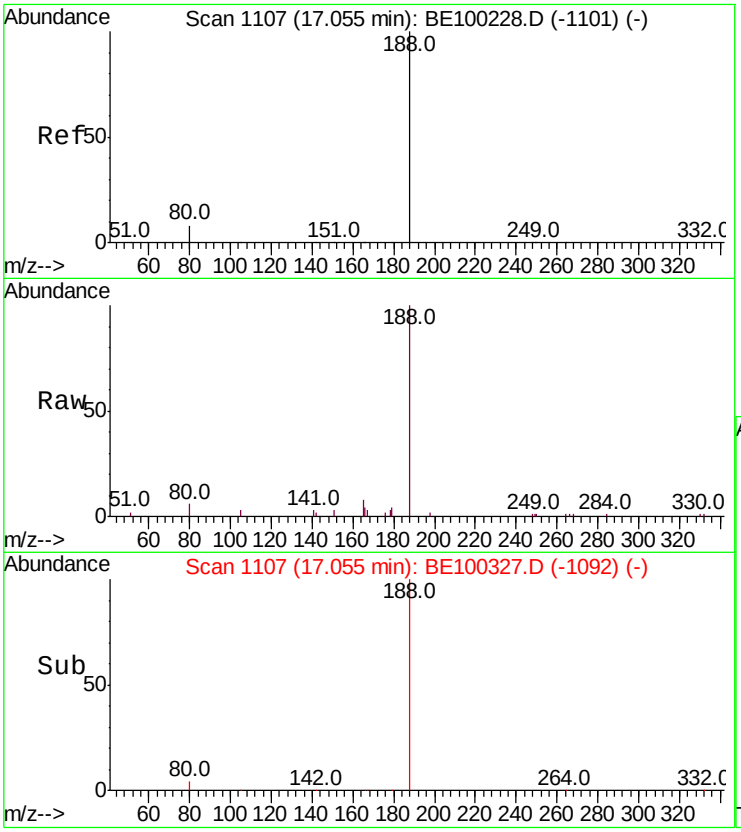


#18
Fluorene
Concen: 0.560 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:166 Resp: 4353

Ion	Ratio	Lower	Upper
166	100		
165	111.6	81.1	121.7
167	22.4	10.7	16.1#



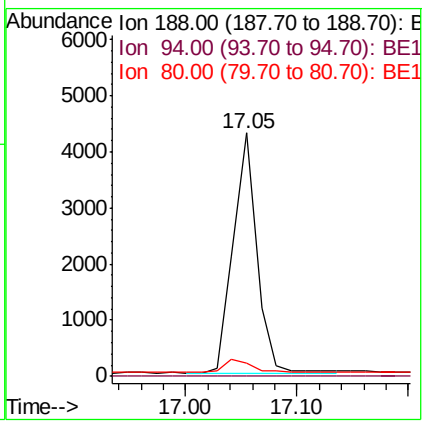


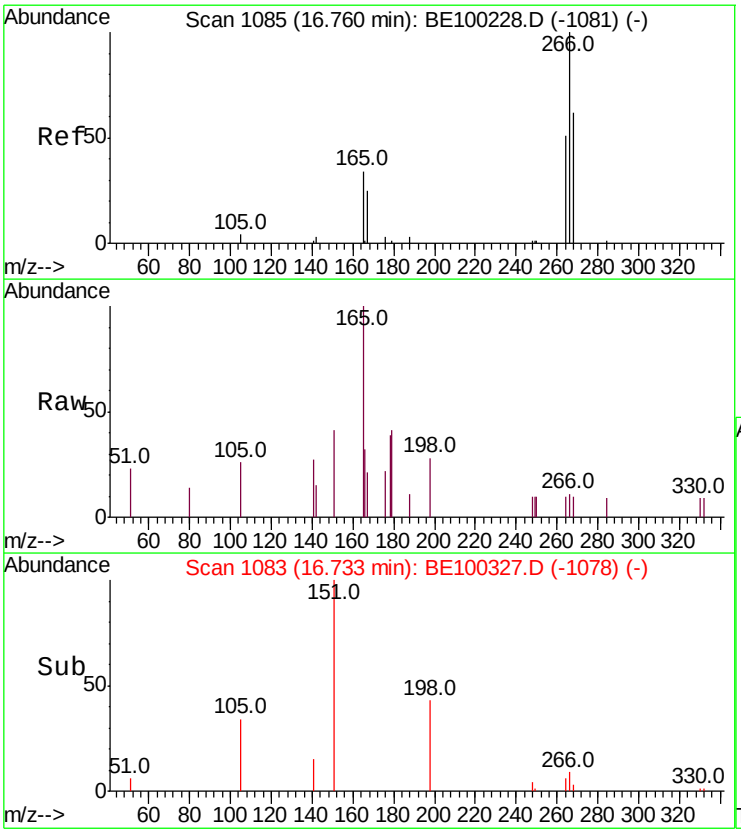
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6270

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.6	7.6	11.4#

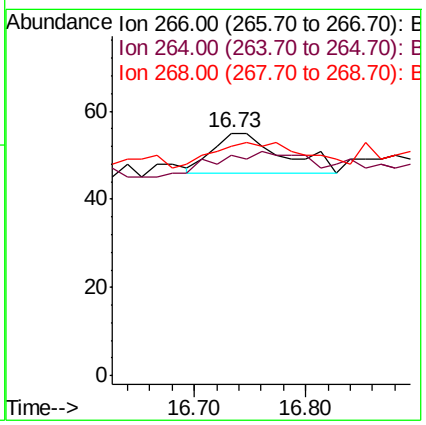


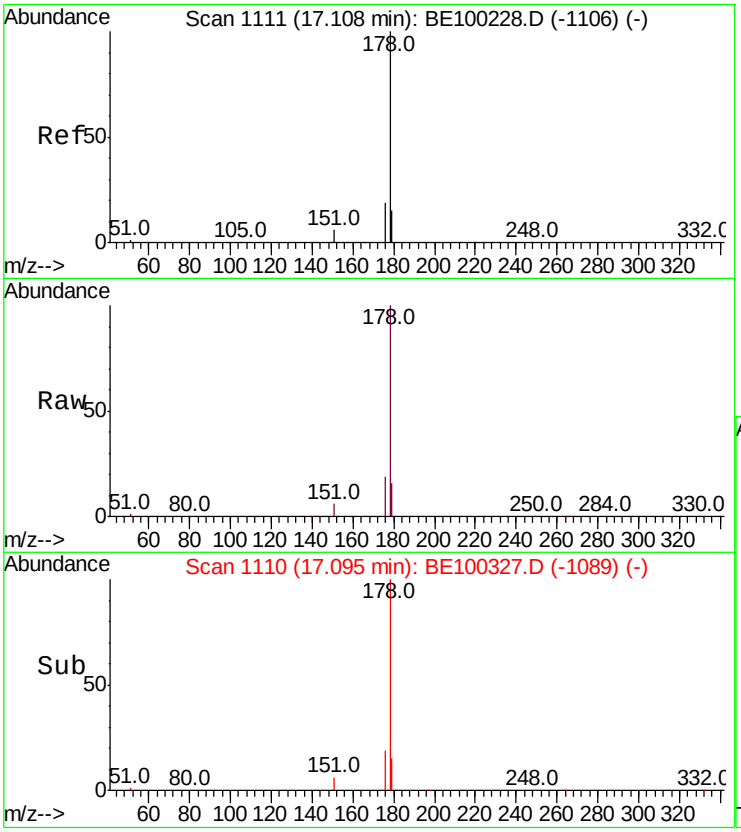


#22
Pentachlorophenol
Concen: 0.031 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:266 Resp: 39

Ion	Ratio	Lower	Upper
266	100		
264	90.9	56.2	84.2#
268	94.5	61.8	92.6#



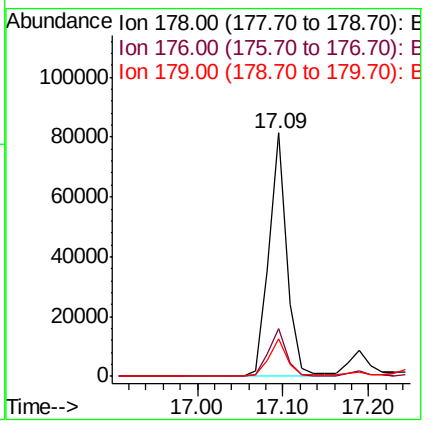


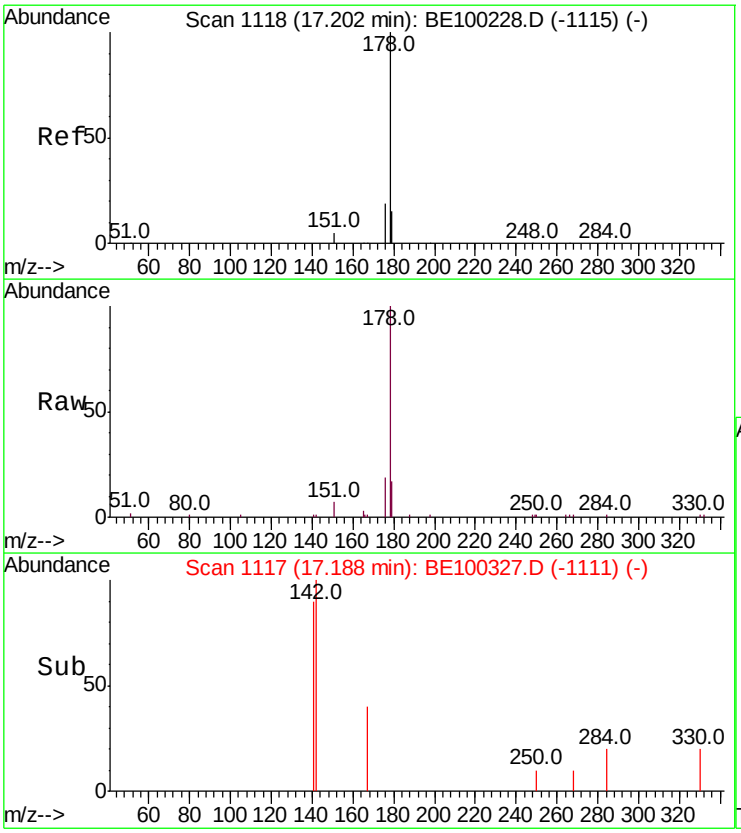
#23
Phenanthrene
Concen: 7.759 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 117909

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.5	12.2	18.2

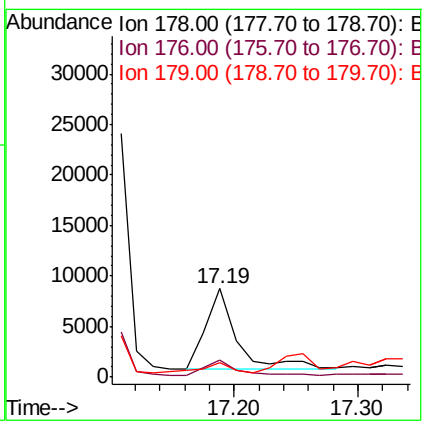


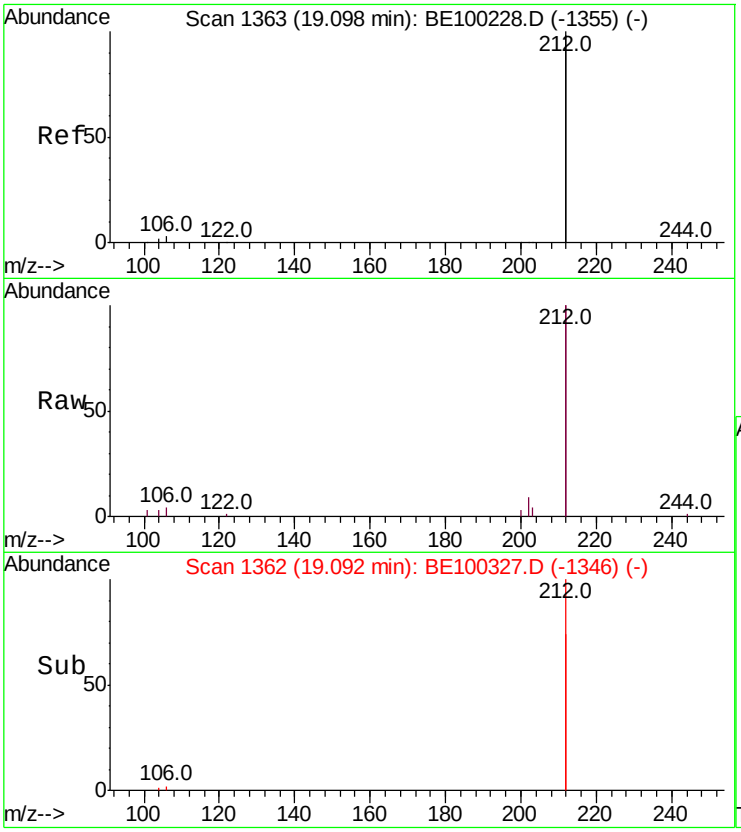


#24
Anthracene
Concen: 0.998 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:178 Resp: 13656

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	13.2	12.2	18.2



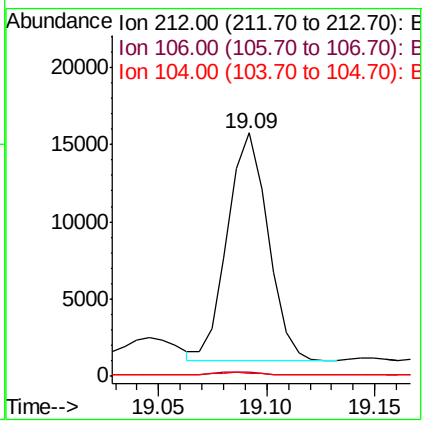


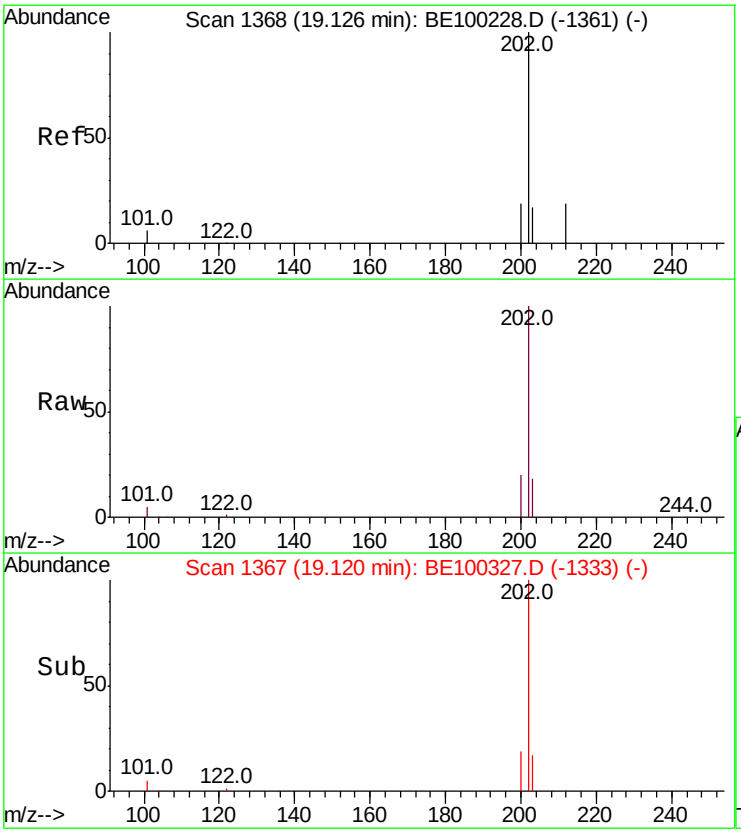
#25
Fluoranthene-d10
Concen: 0.213 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 19375

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.1	0.8	1.2

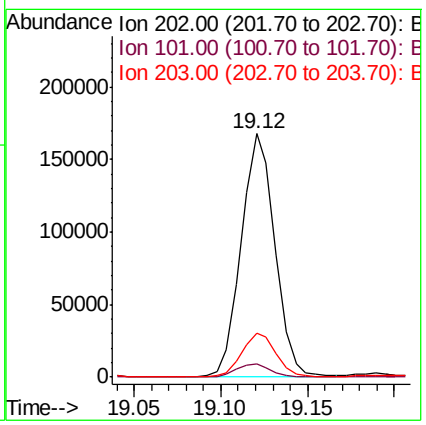


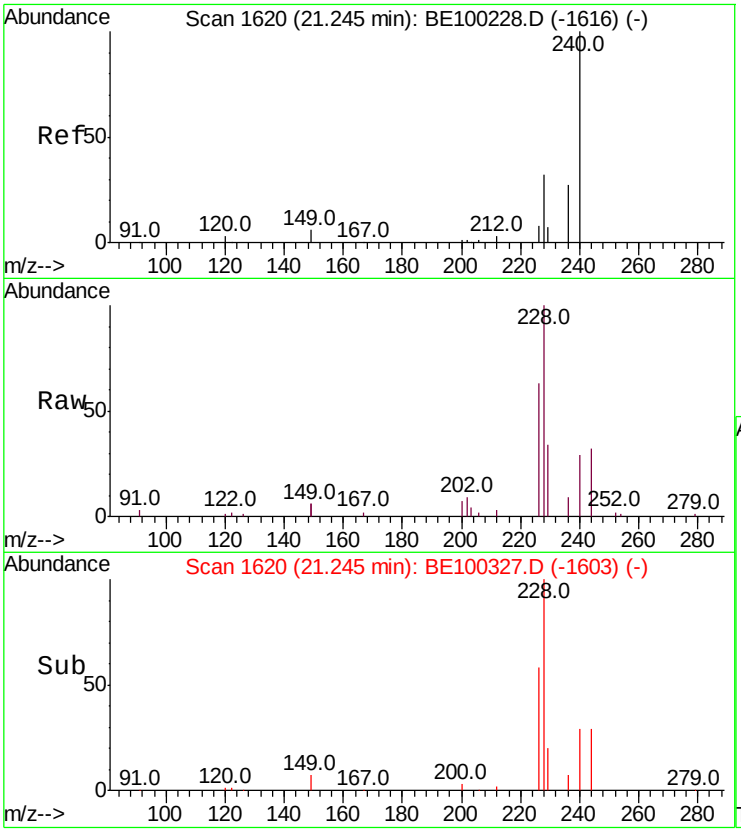


#26
Fluoranthene
Concen: 9.318 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:202 Resp: 225553

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	18.0	13.7	20.5



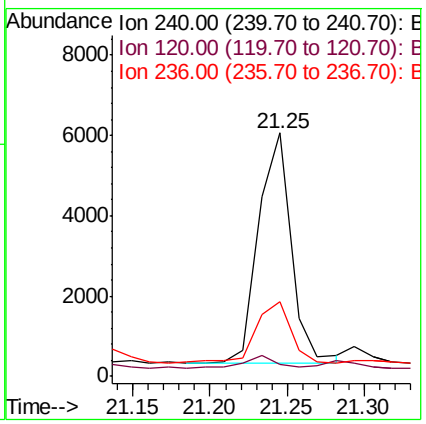


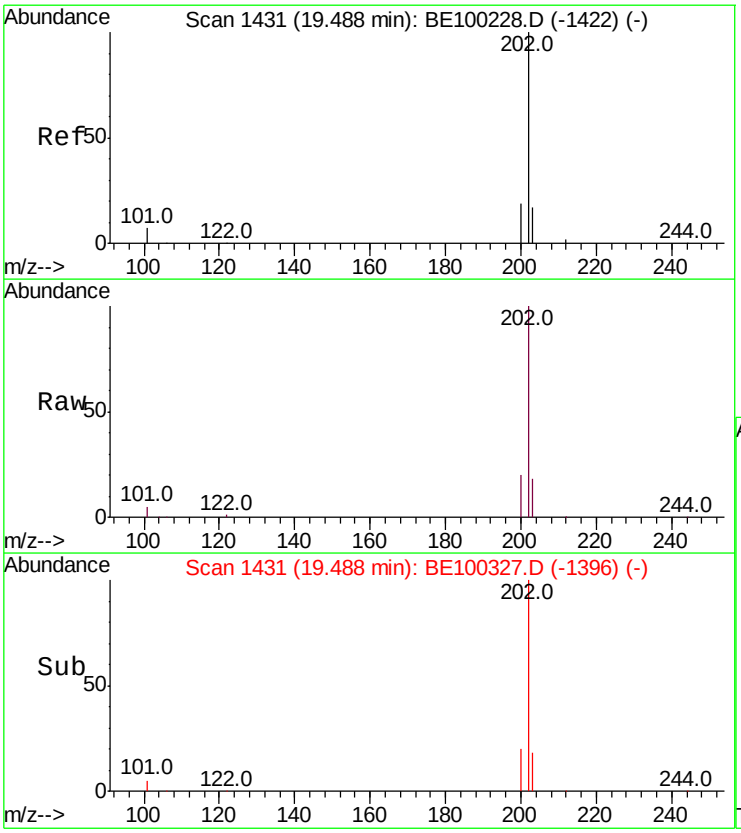
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 8460

Ion	Ratio	Lower	Upper
240	100		
120	5.1	3.3	4.9#
236	30.9	22.6	34.0

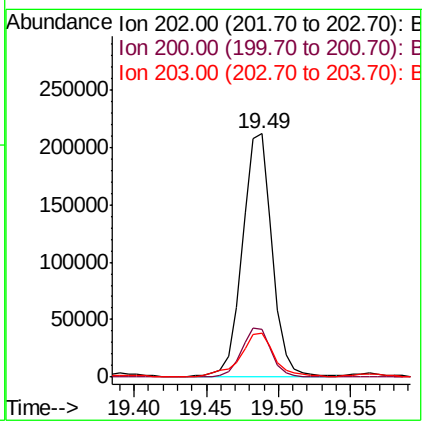


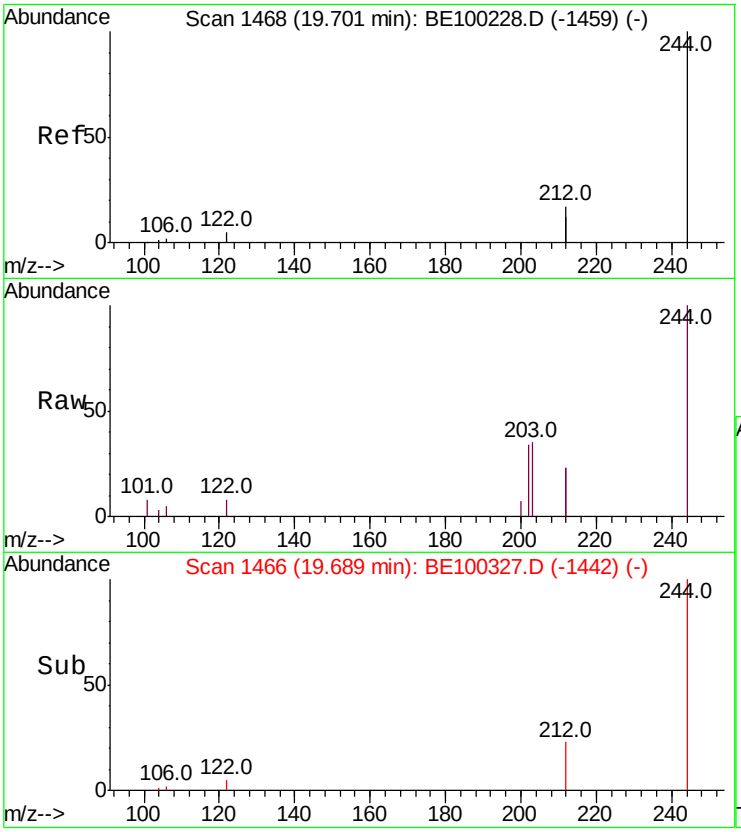


#28
Pyrene
Concen: 13.455 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:202 Resp: 301374

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.4	14.0	21.0



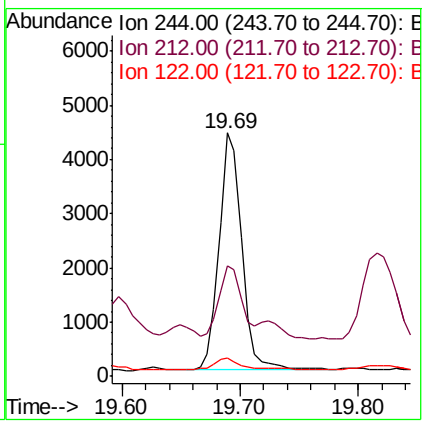


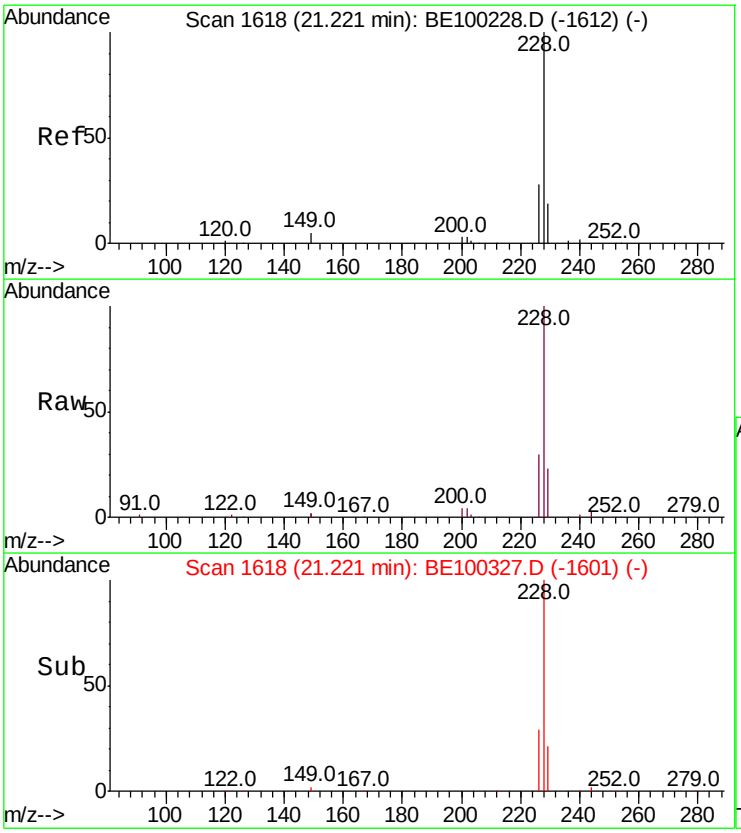
#29
Terphenyl-d14
Concen: 0.333 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 5847

Ion	Ratio	Lower	Upper
244	100		
212	45.3	27.3	40.9#
122	7.6	4.7	7.1#

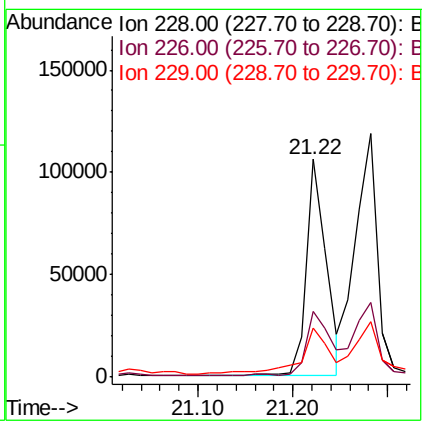


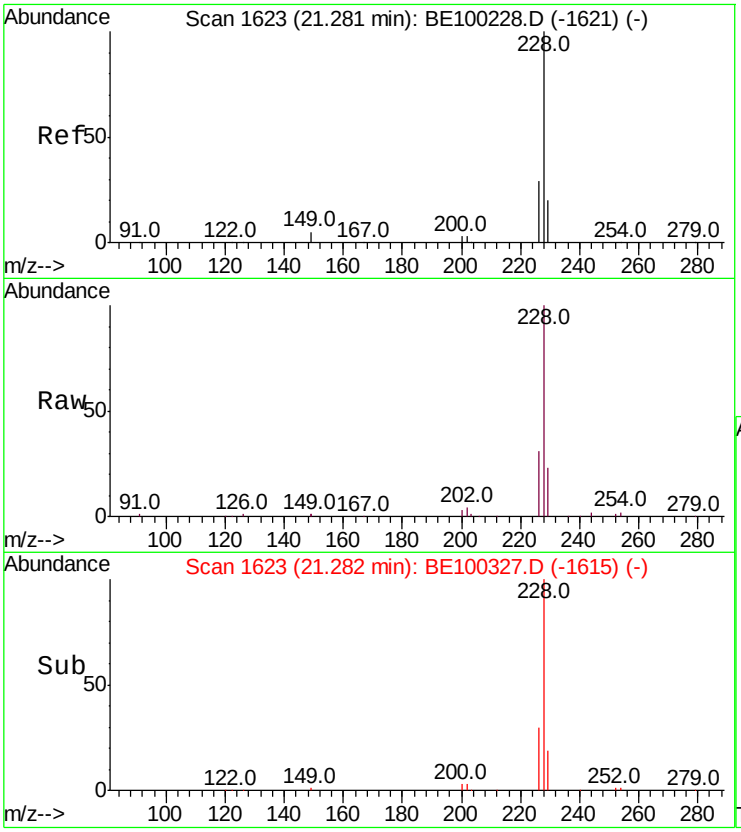


#30
Benzo(a)anthracene
Concen: 5.554 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:228 Resp: 154481

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	22.6	15.7	23.5



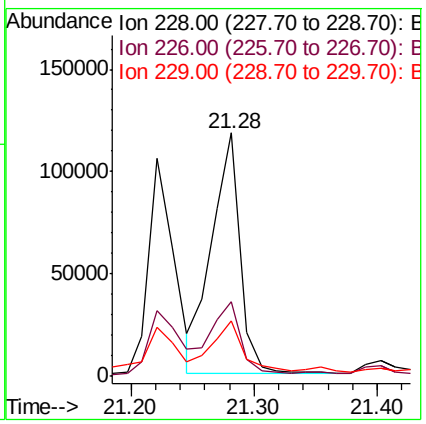


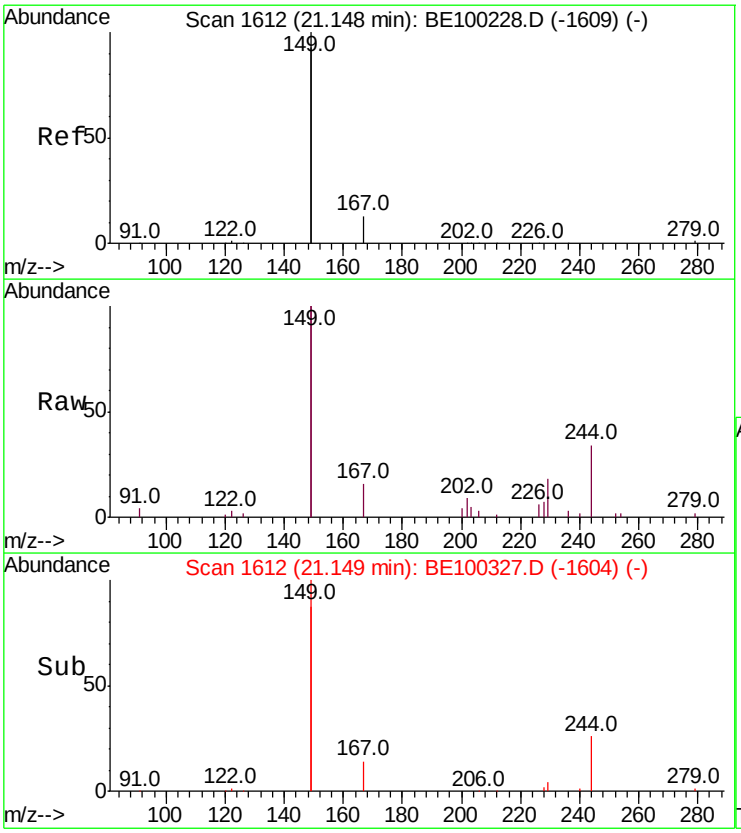
#31
Chrysene
Concen: 6.738 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 188215

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	22.9	16.5	24.7

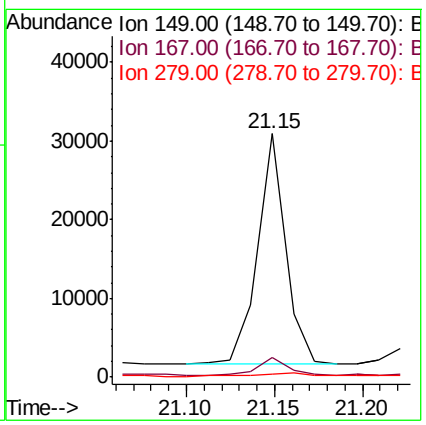


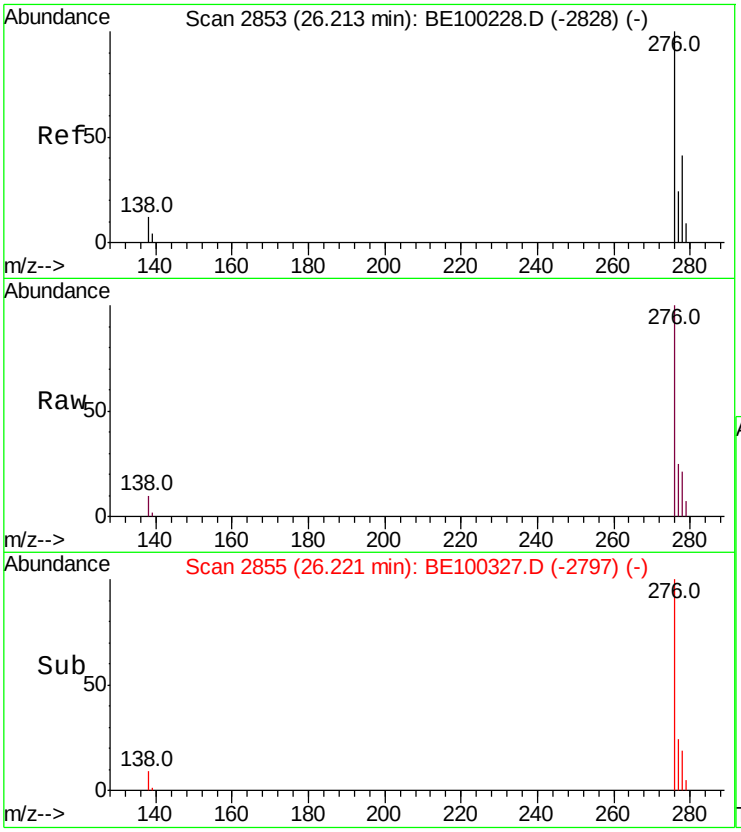


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.757 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:149 Resp: 32009

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.8	8.8
279	1.5	1.1	1.7



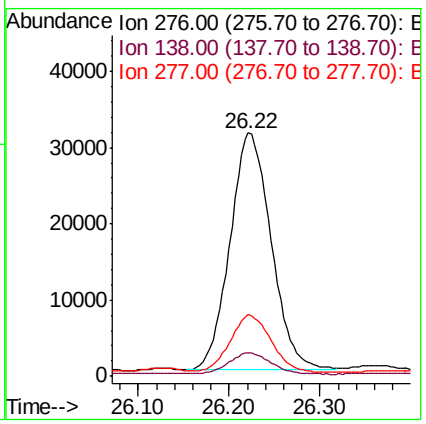


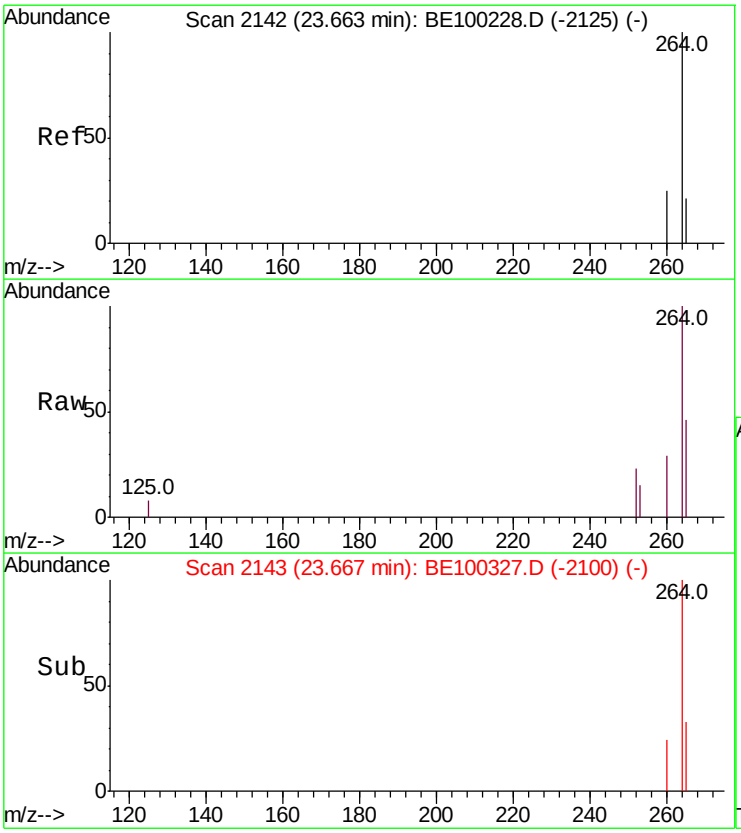
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.652 ng
RT: 26.22 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 97981

Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.4	14.0#
277	24.4	19.2	28.8

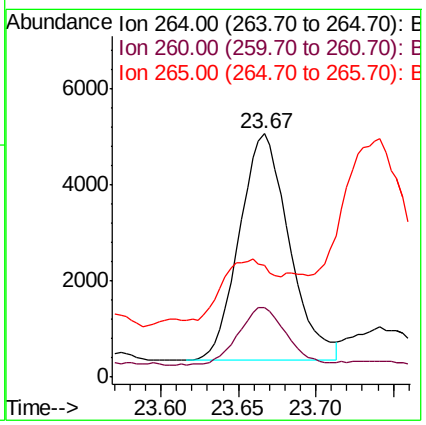


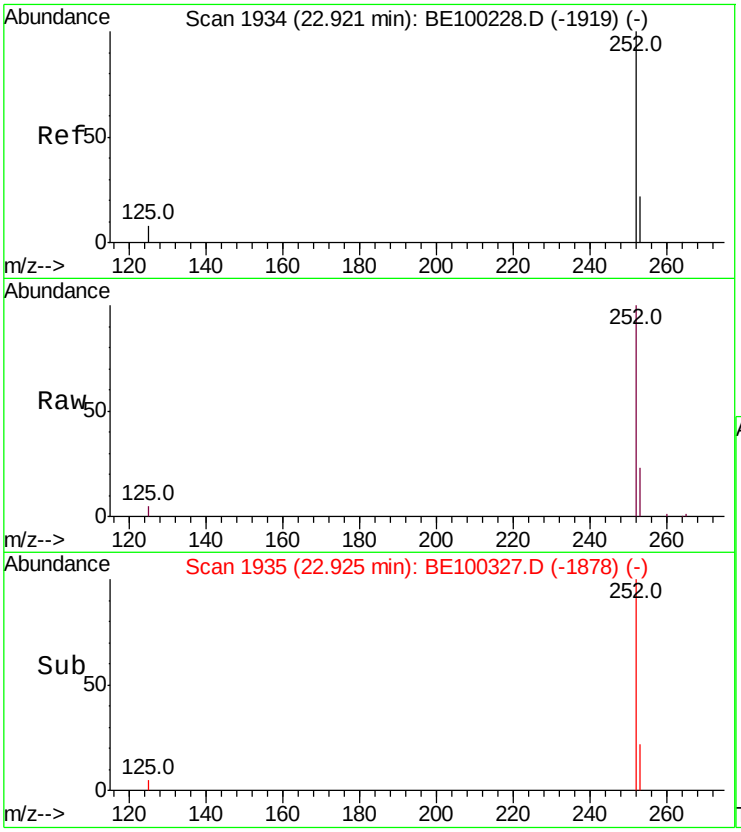


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:264 Resp: 10524

Ion	Ratio	Lower	Upper
264	100		
260	28.7	20.8	31.2
265	45.7	21.8	32.6#



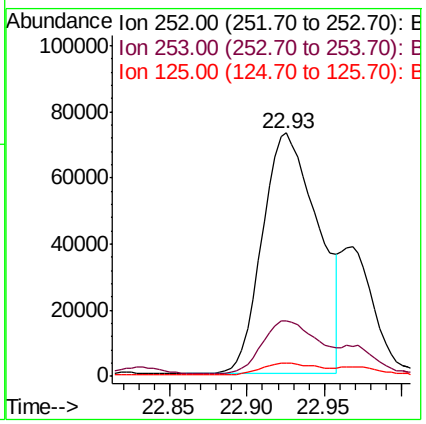


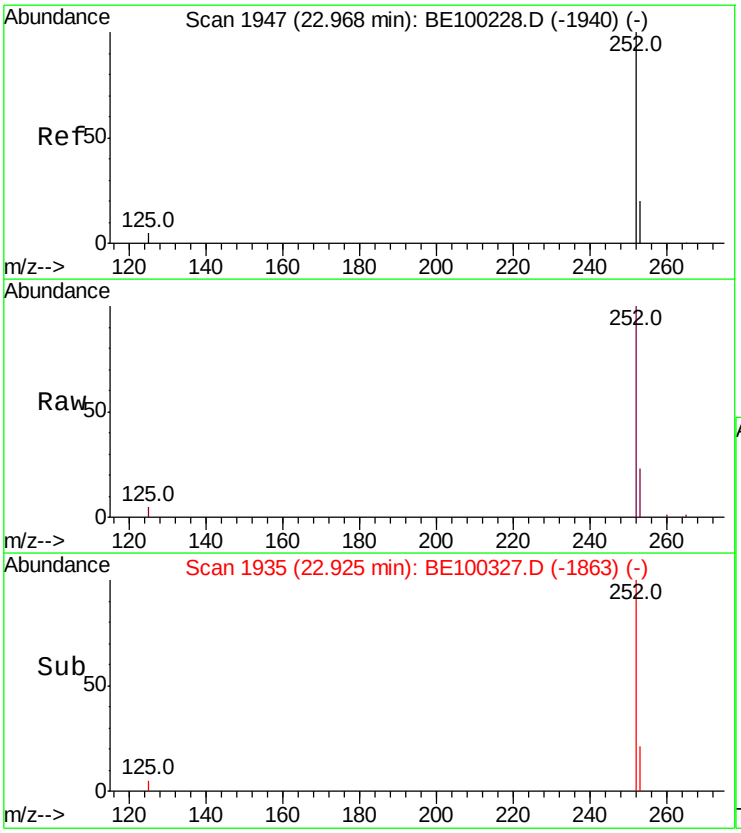
#35
Benzo(b)fluoranthene
Concen: 6.366 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 181631

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	5.3	7.4	11.0#

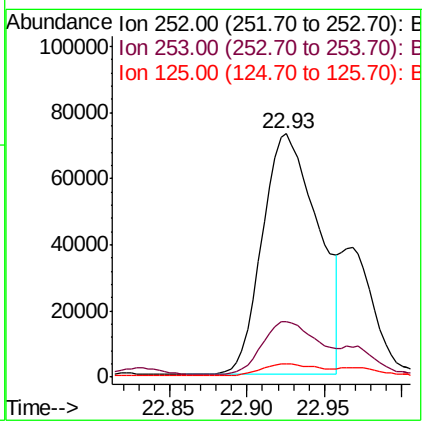


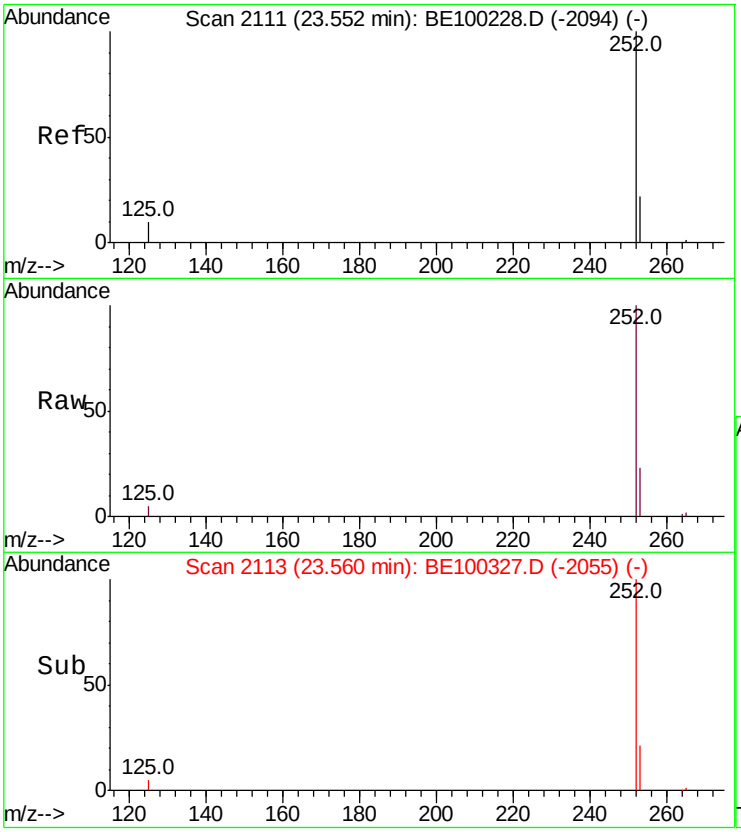


#36
Benzo(k)fluoranthene
Concen: 5.703 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:252 Resp: 181631

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.3	5.0	7.4



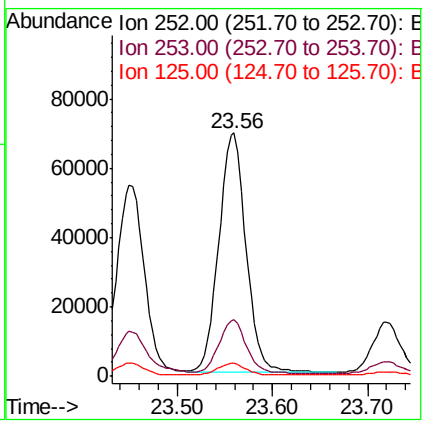


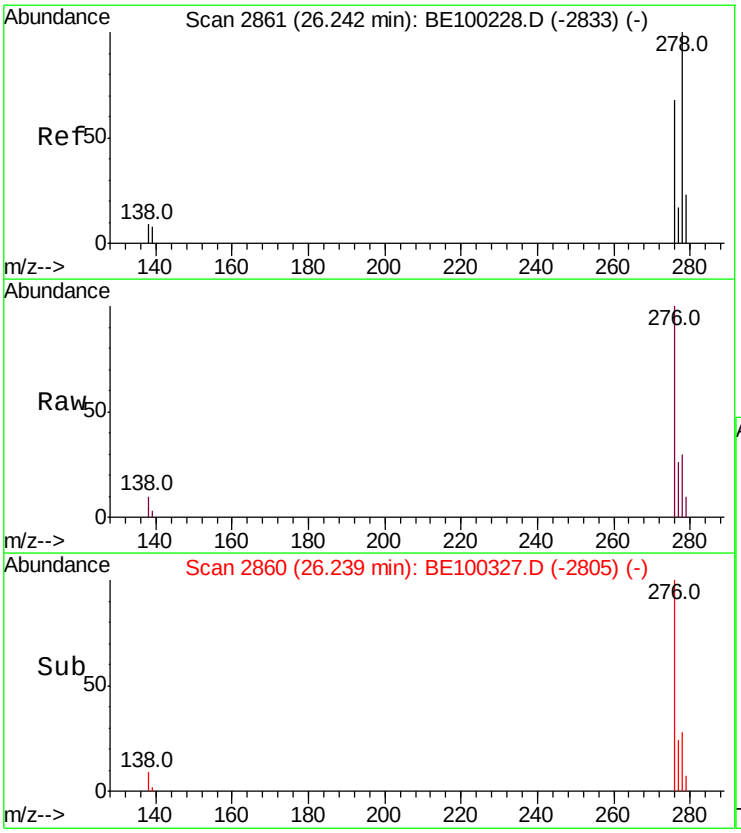
#37
Benzo(a)pyrene
Concen: 4.770 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 136409

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.6	29.4
125	5.4	9.0	13.6#

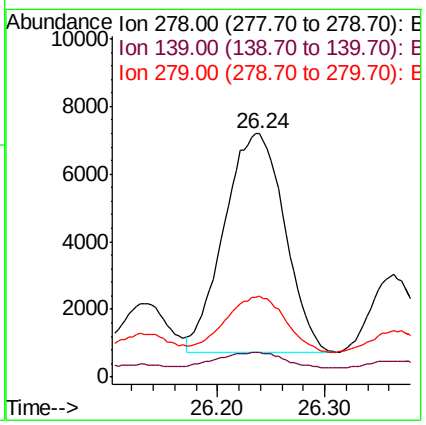


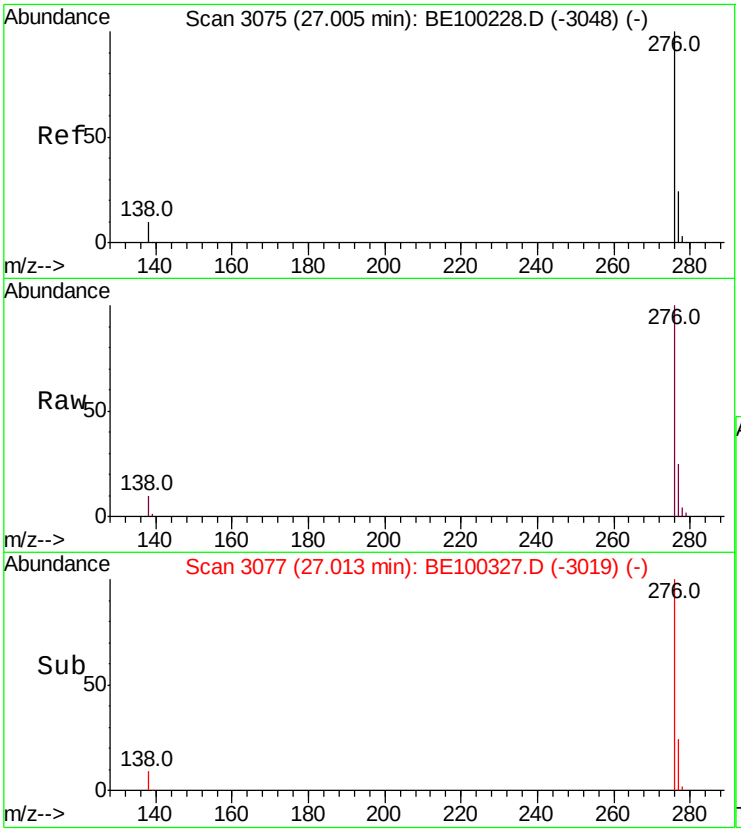


#38
Dibenzo(a,h)anthracene
Concen: 0.844 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Tgt Ion:278 Resp: 25192

Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.2	12.2
279	33.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 3.706 ng
RT: 27.01 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BE100327.D
Acq: 3 Jul 2019 14:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 113693

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.2
138	9.6	9.0	13.6