Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100283.D
Acq On : 2 Jul 2019 2:56
Operator : JU/SJ
Sample : K3446-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-008-SW114-061819

Quant Time: Jul 02 04:08:06 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	7.64	152	1099	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3758	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2820	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	7556	0.40	ng		0.00
27) Chrysene-d12	21.24	240	10402	0.40	ng		0.00
34) Perylene-d12	23.68	264	12001	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	809	0.29	ng		0.01
5) Phenol-d6	6.83	99	1137	0.31	ng		-0.01
8) Nitrobenzene-d5	8.81	82	1165	0.31	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2536	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	635	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	3432	0.31	ng		-0.01
25) Fluoranthene-d10	19.10	212	35917	0.33	ng		0.00
29) Terphenyl-d14	19.70	244	7806	0.36	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.45	42	28	0.035	ng	#	1
6) bis(2-Chloroethyl)ether	7.06	93	117	0.039	ng	#	1
9) Naphthalene	10.48	128	13257	0.320	ng		99
12) 2-Methylnaphthalene	12.11	142	1945	0.267	ng		98
16) Acenaphthylene	14.04	152	13908	1.028	ng		99
17) Acenaphthene	14.38	154	1483	0.193	ng		97
18) Fluorene	15.35	166	3616	0.319	ng	#	92
22) Pentachlorophenol	16.72	266	43	0.029	ng	#	87
23) Phenanthrene	17.09	178	105500	5.761	ng		100
24) Anthracene	17.19	178	18265	1.108	ng	#	96
26) Fluoranthene	19.13	202	334154	11.455	ng		99
28) Pyrene	19.50	202	339926	12.343	ng	#	95
30) Benzo(a)anthracene	21.23	228	246697	7.213	ng		98
31) Chrysene	21.28	228	241210	7.023	ng		95
32) Bis(2-ethylhexyl)phthalate	21.16	149	115726	2.336	ng		100
33) Indeno(1,2,3-cd)pyrene	26.25	276	153905	3.388	ng	#	96
35) Benzo(b)fluoranthene	22.94	252	310144	9.532	ng	#	97
36) Benzo(k)fluoranthene	22.94	252	310144	8.539	ng		98
37) Benzo(a)pyrene	23.73	252	48464	1.486	ng		94
38) Dibenzo(a,h)anthracene	26.26	278	40548	1.191	ng	#	91
39) Benzo(g,h,i)perylene	27.04	276	156357	4.469	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
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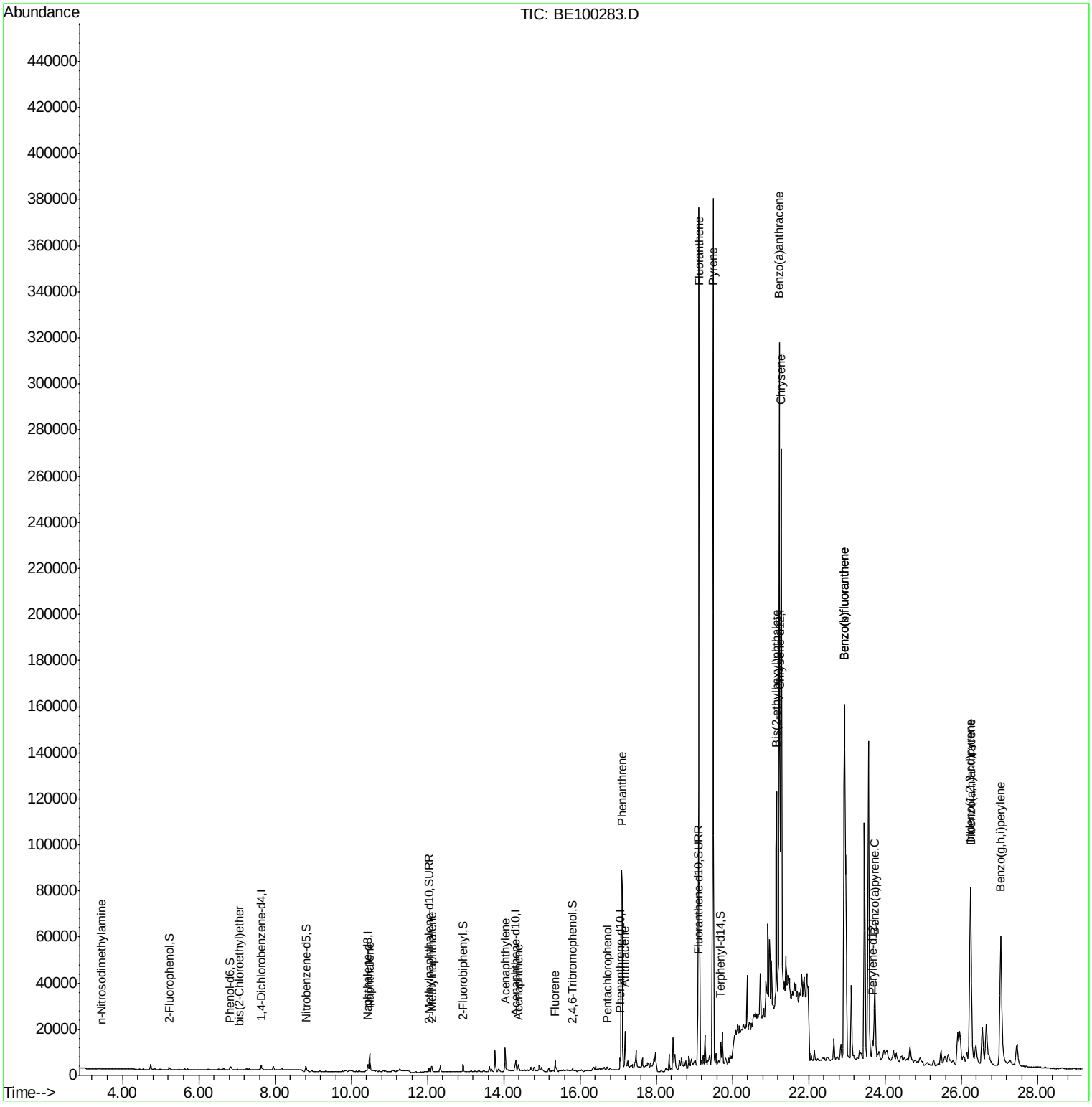
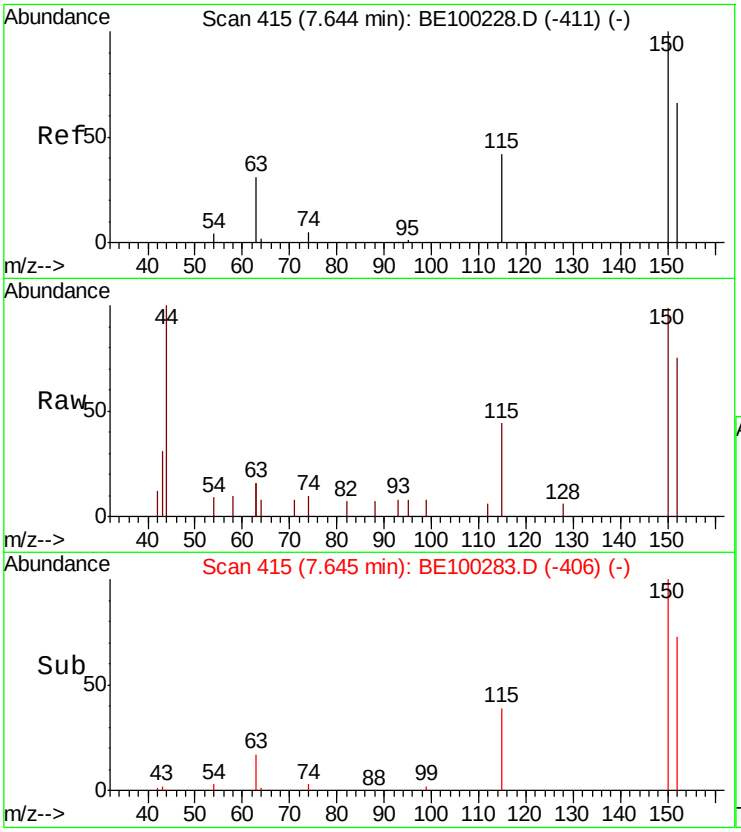
Acq On : 2 Jul 2019 2:56
Operator : JU/SJ
Sample : K3446-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Quant Time: Jul 02 04:08:06 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



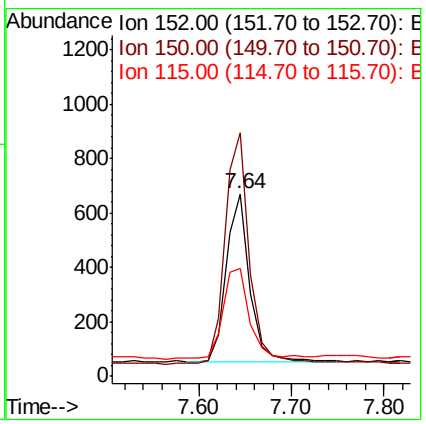


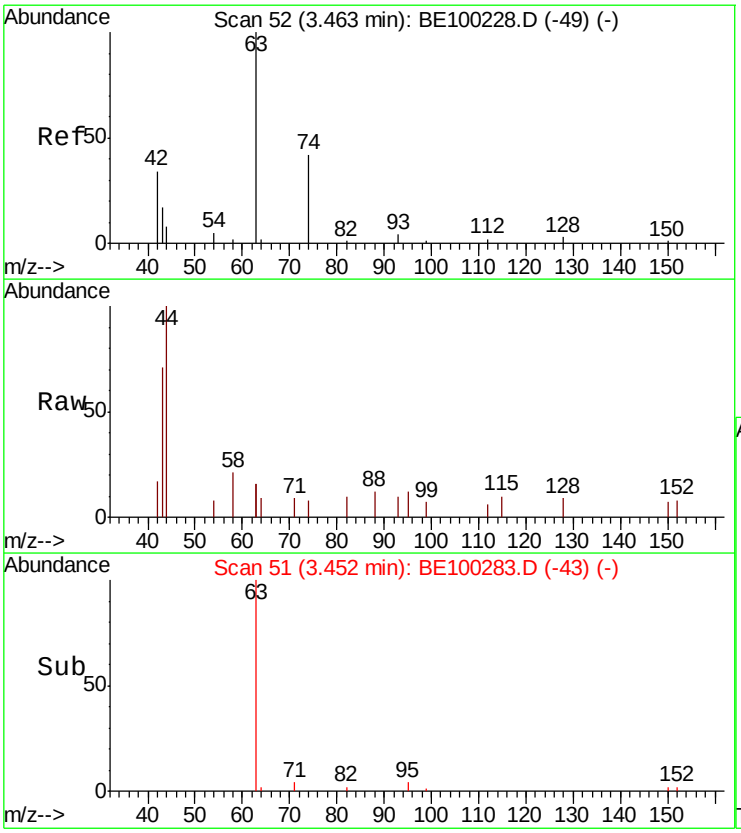
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:152 Resp: 1099

Ion	Ratio	Lower	Upper
152	100		
150	133.3	114.5	171.7
115	59.1	57.1	85.7

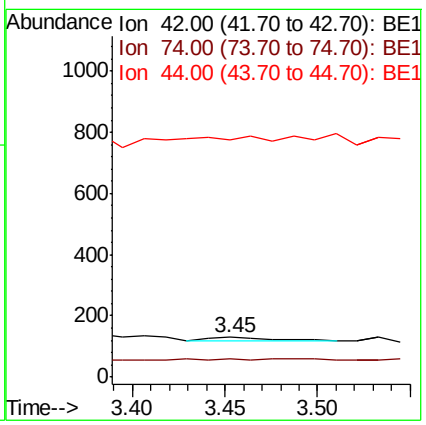


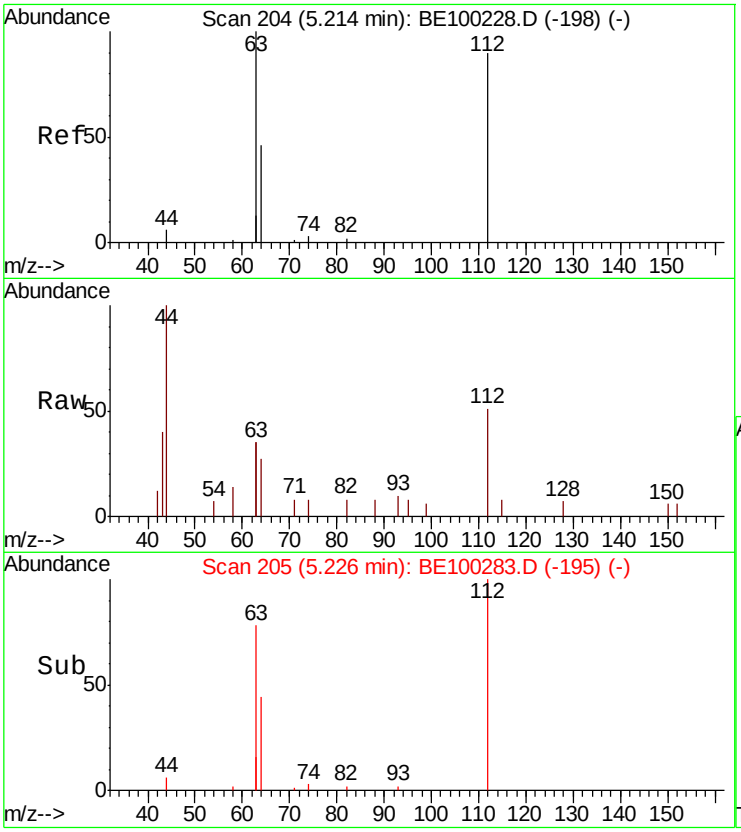


#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.45 min Scan# 51
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion: 42 Resp: 28

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	328.6	38.0	57.0#



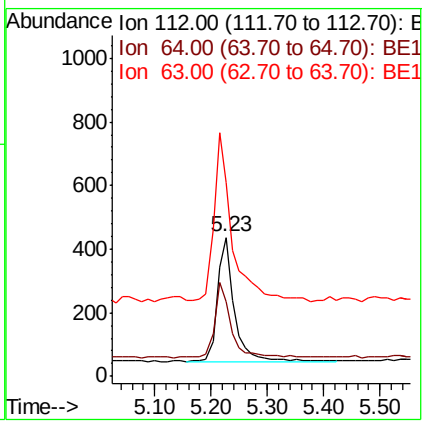


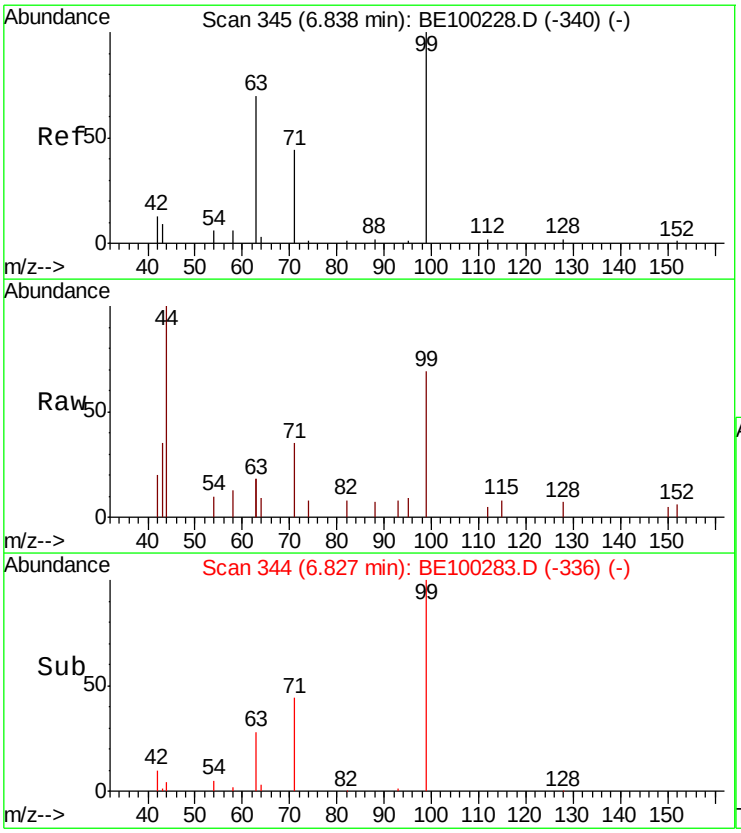
#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.23 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:112 Resp: 809

Ion	Ratio	Lower	Upper
112	100		
64	62.9	39.4	59.0#
63	145.4	104.5	156.7

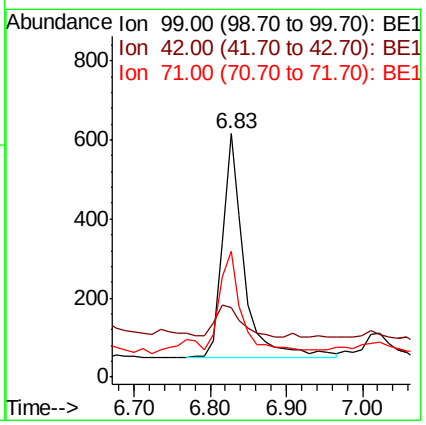


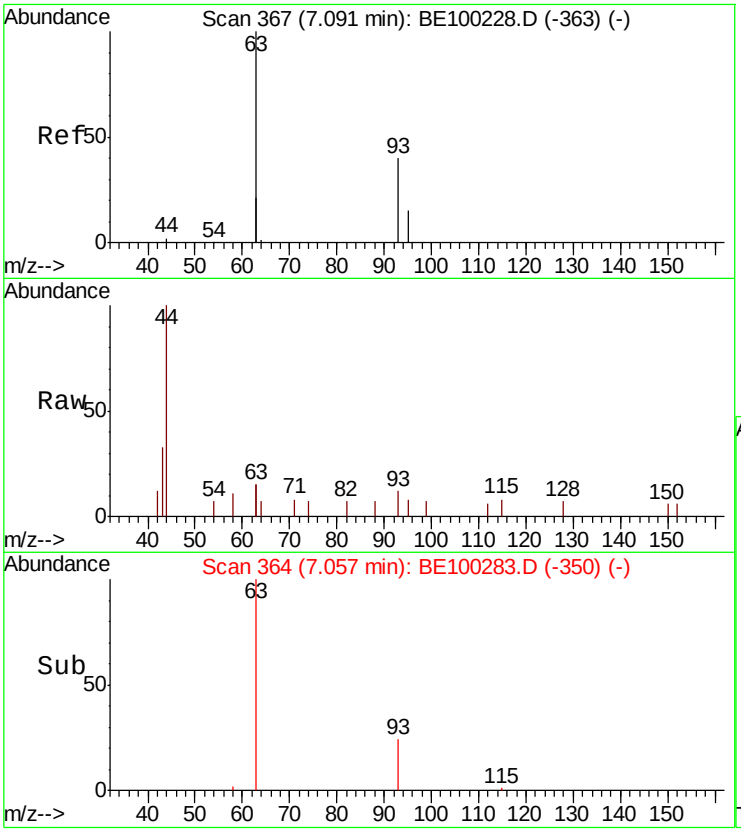


#5
Phenol-d6
Concen: 0.308 ng
RT: 6.83 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion: 99 Resp: 1137

Ion	Ratio	Lower	Upper
99	100		
42	16.9	11.2	16.8#
71	42.2	37.2	55.8



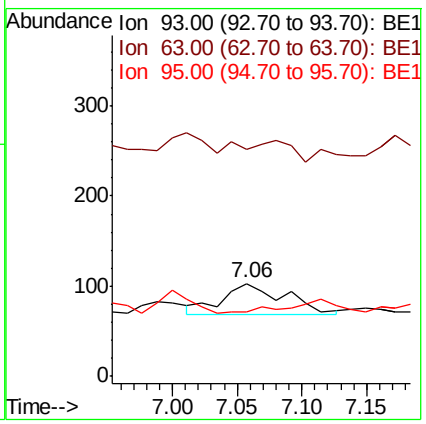


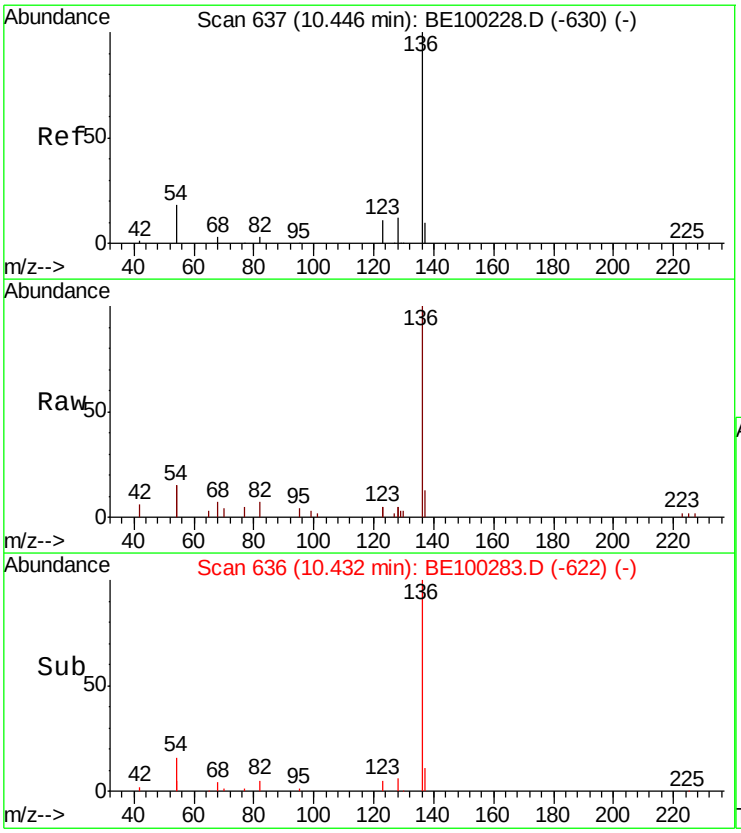
#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.06 min Scan# 364
Delta R.T. -0.03 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion: 93 Resp: 117

Ion	Ratio	Lower	Upper
93	100		
63	0.0	155.6	233.4#
95	0.0	23.0	34.4#

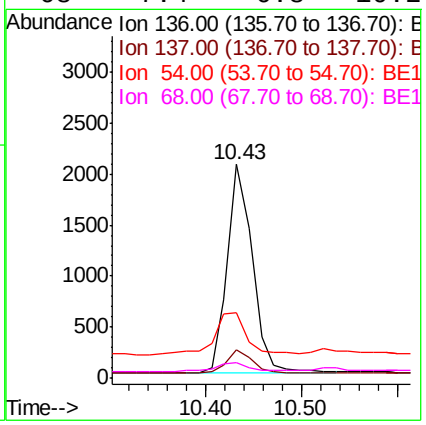


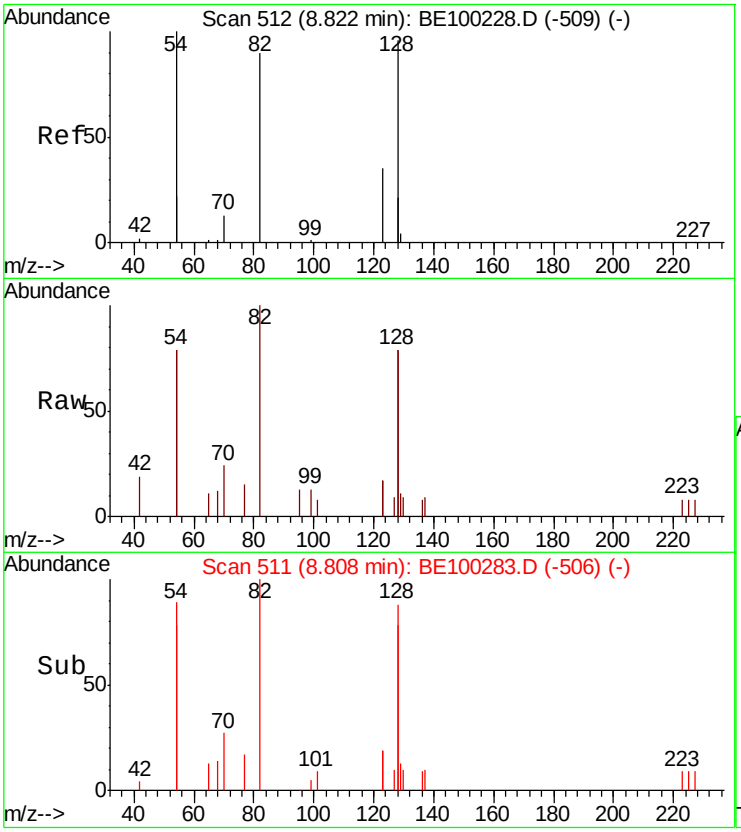


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:136 Resp: 3758

Ion	Ratio	Lower	Upper
136	100		
137	12.9	11.8	17.8
54	30.4	27.7	41.5
68	7.4	6.8	10.2



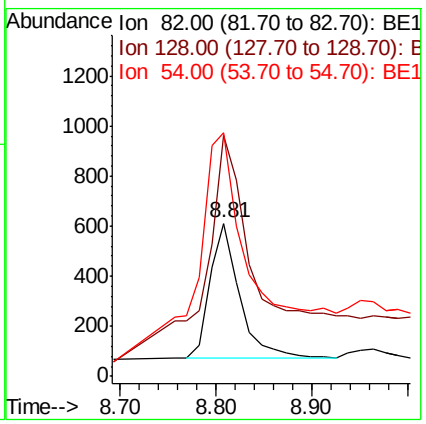


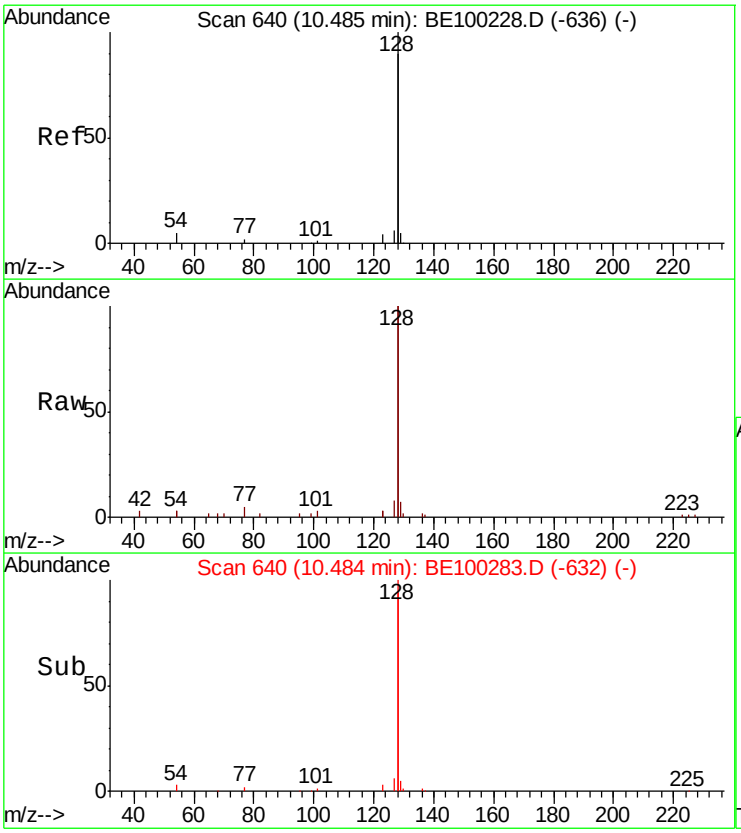
#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion: 82 Resp: 1165

Ion	Ratio	Lower	Upper
82	100		
128	157.5	140.9	211.3
54	158.8	146.2	219.2

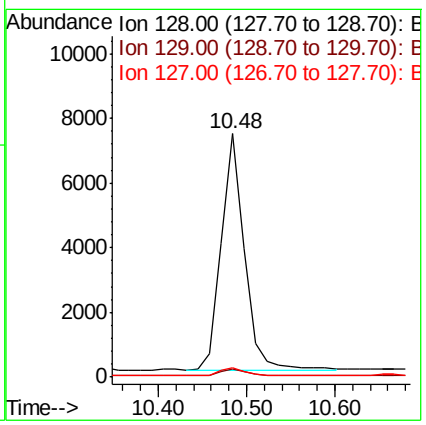


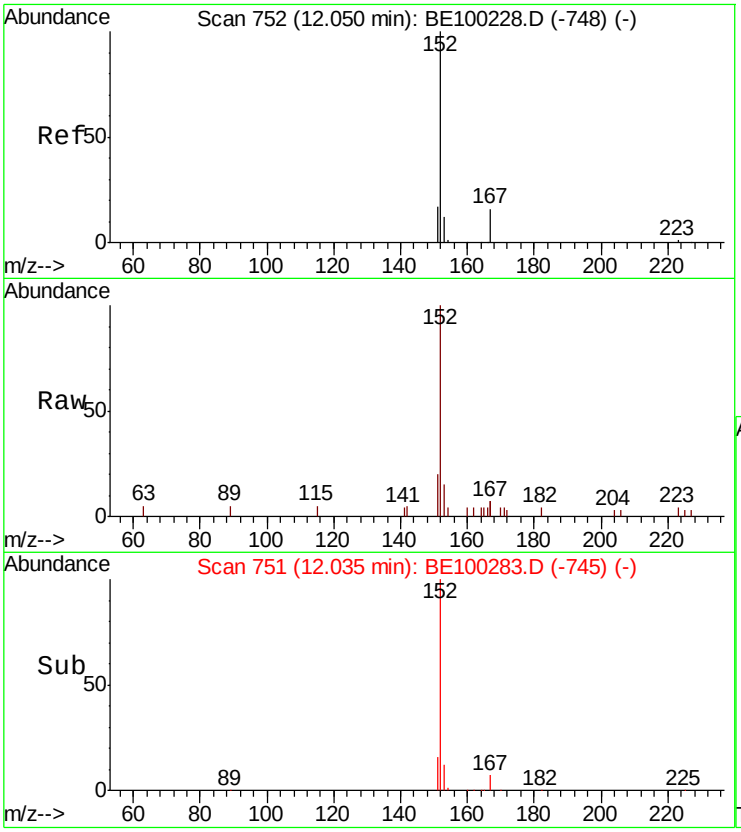


#9
Naphthalene
Concen: 0.320 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:128 Resp: 13257

Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	3.9	3.5	5.3



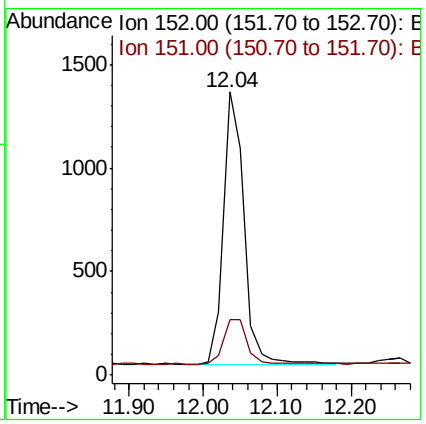


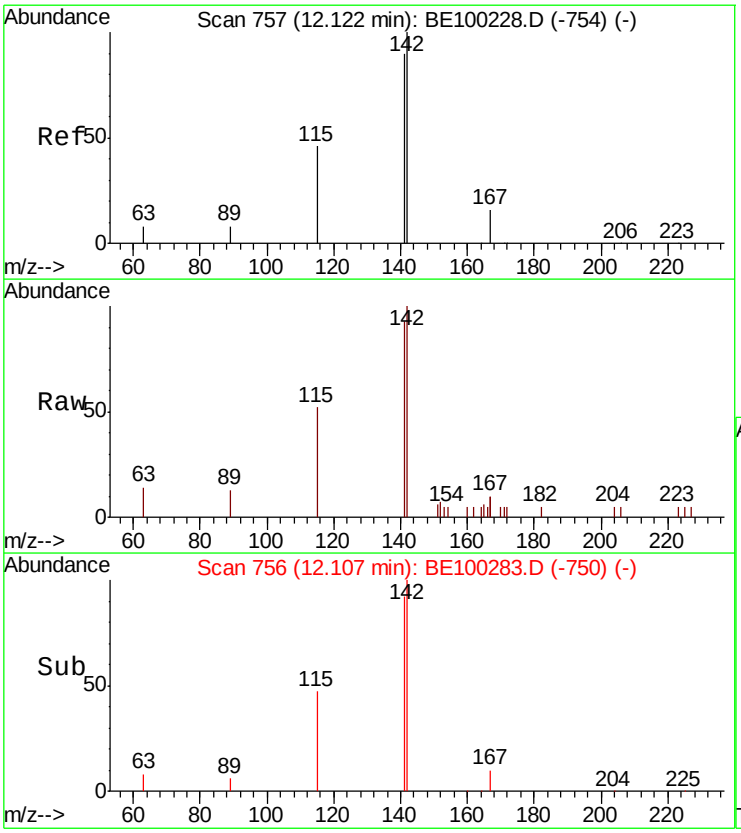
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:152 Resp: 2536

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7

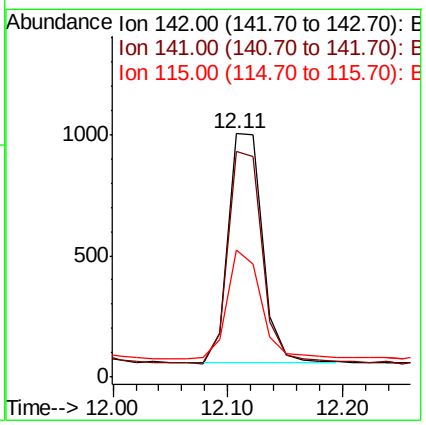


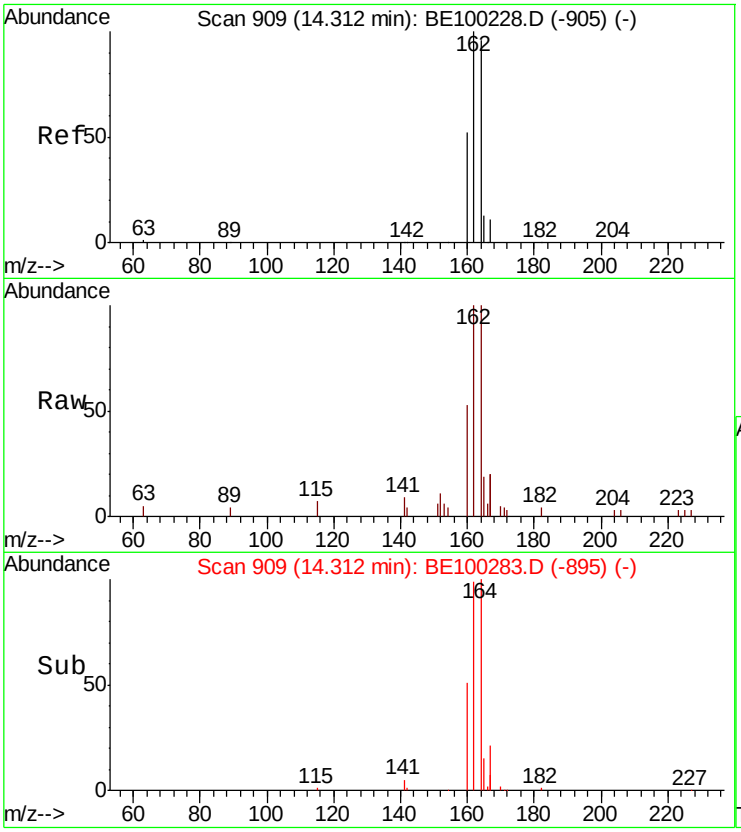


#12
2-Methylnaphthalene
Concen: 0.267 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:142 Resp: 1945

Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.4	108.6
115	52.2	40.4	60.6



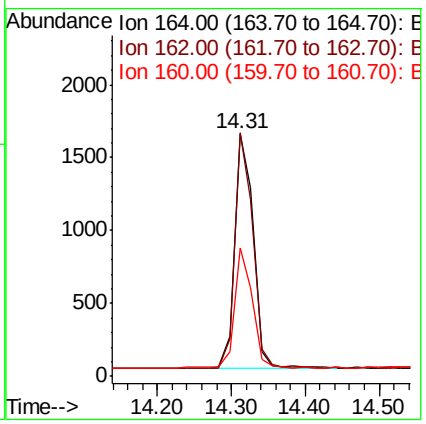


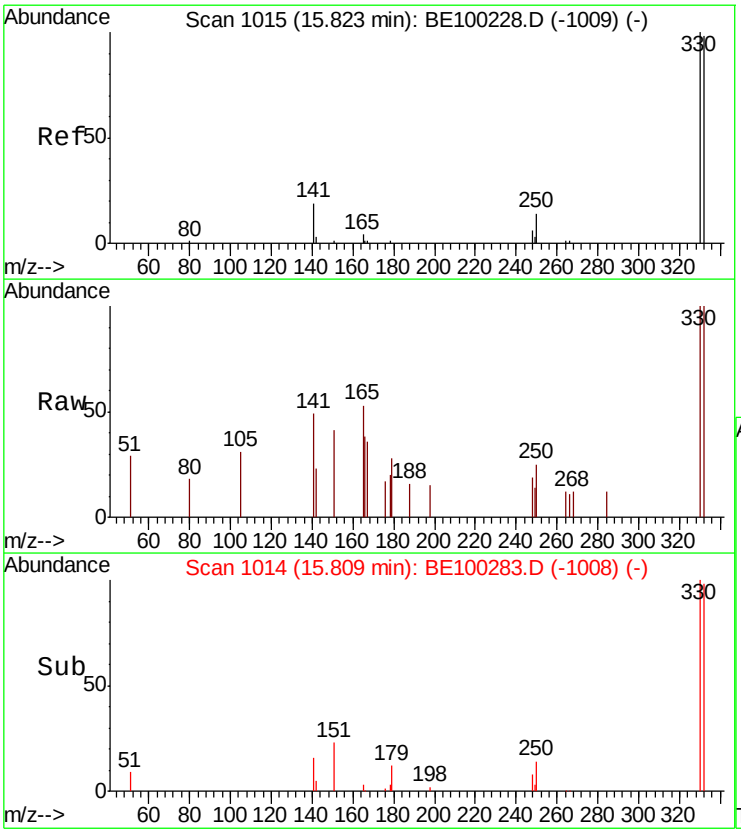
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:164 Resp: 2820

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.4	125.0
160	53.0	45.0	67.6

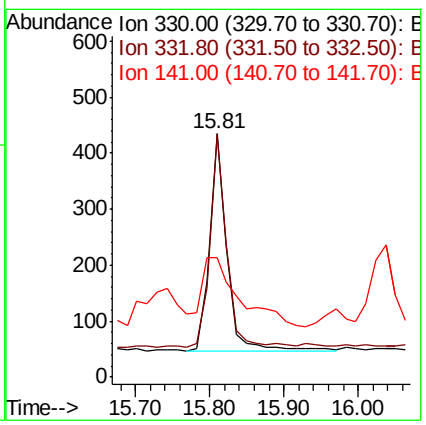


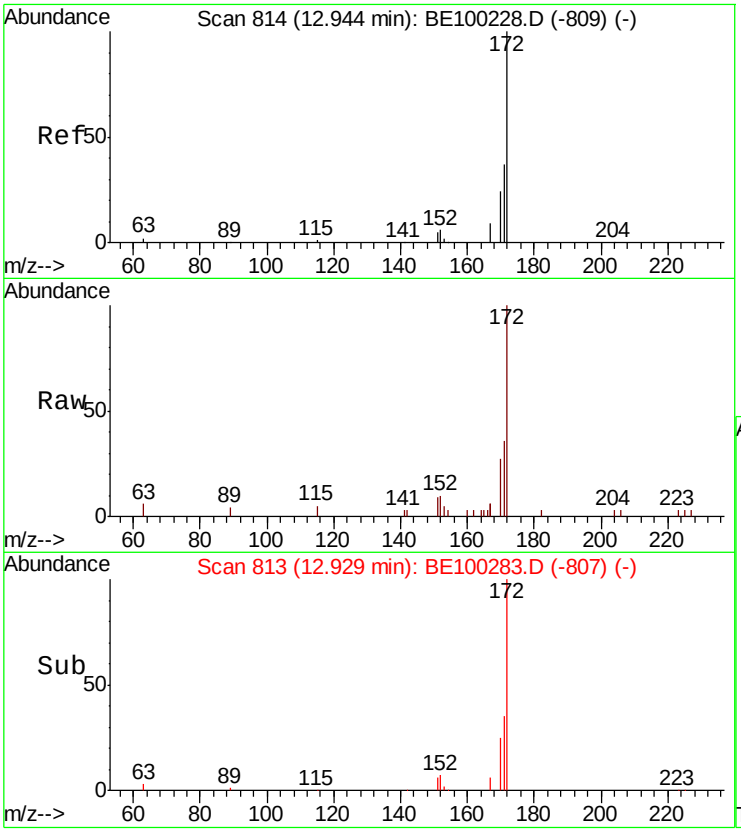


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:330 Resp: 635

Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.4
141	68.7	22.0	33.0#



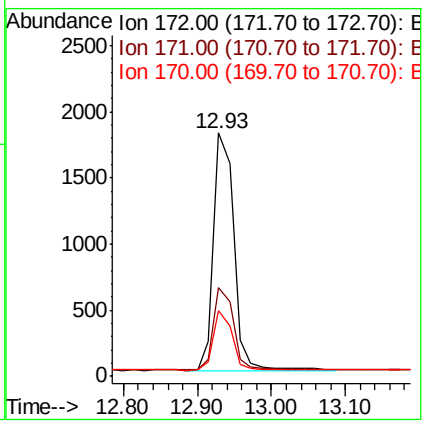


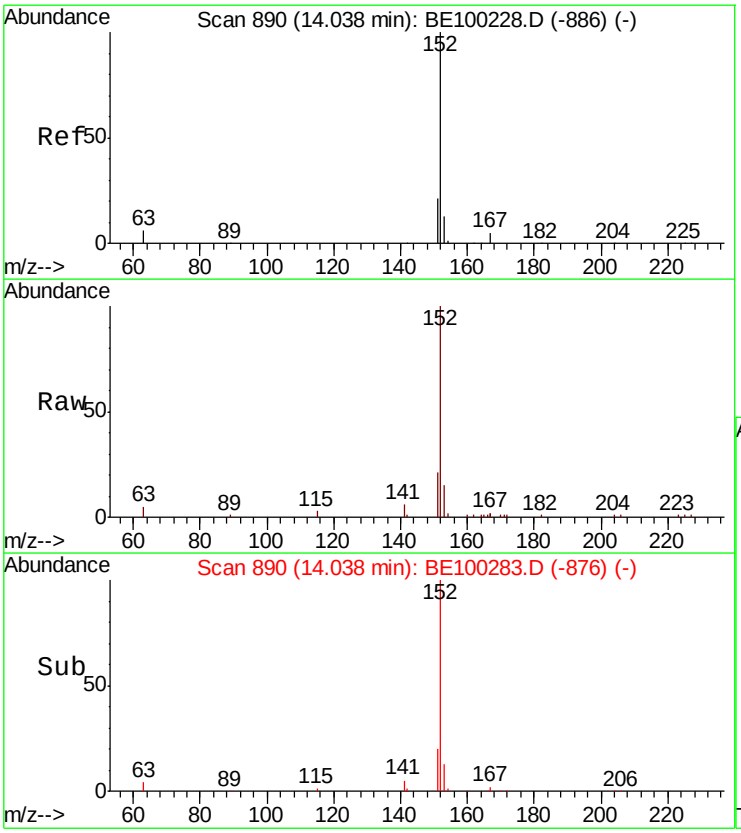
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:172 Resp: 3432

Ion	Ratio	Lower	Upper
172	100		
171	36.5	31.9	47.9
170	27.2	22.2	33.2

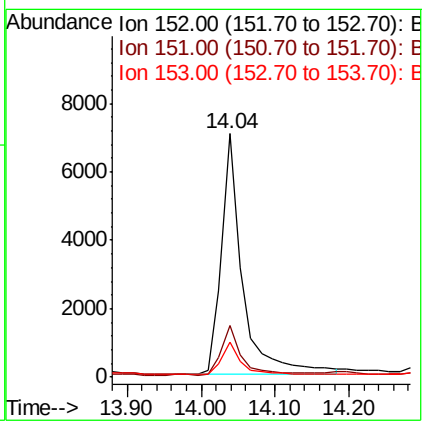


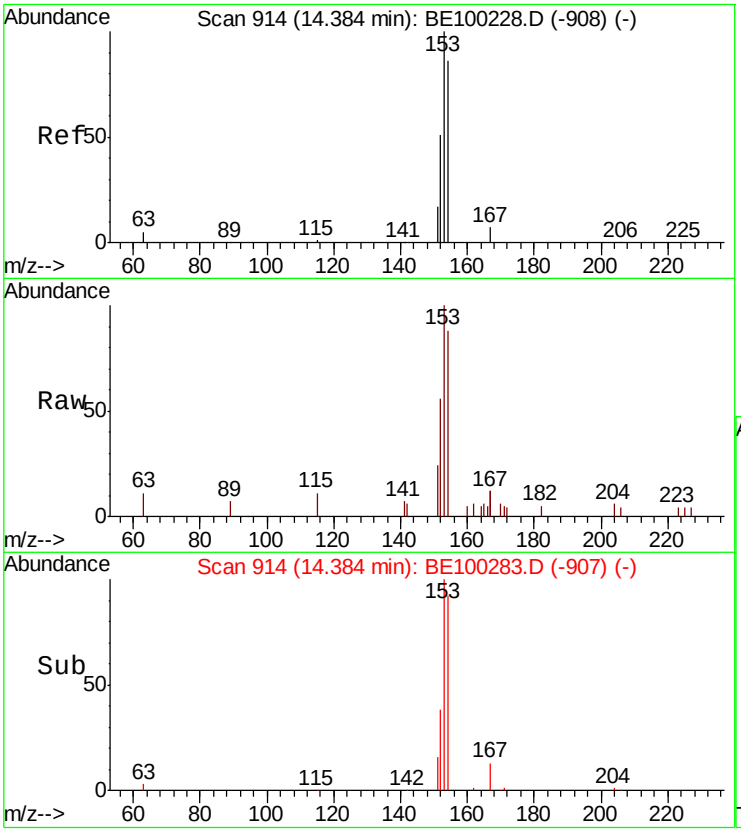


#16
Acenaphthylene
Concen: 1.028 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:152 Resp: 13908

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	13.0	10.5	15.7



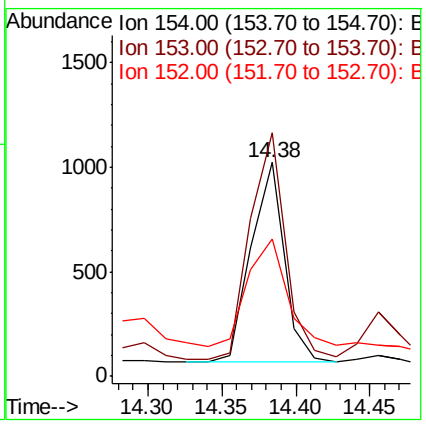


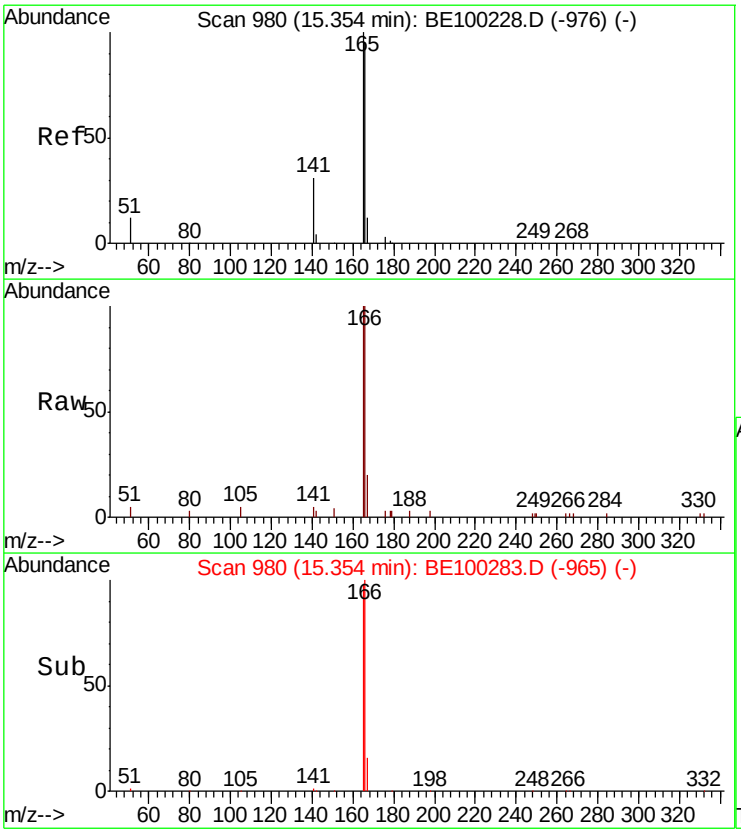
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:154 Resp: 1483

Ion	Ratio	Lower	Upper
154	100		
153	119.6	93.4	140.2
152	65.4	49.4	74.2

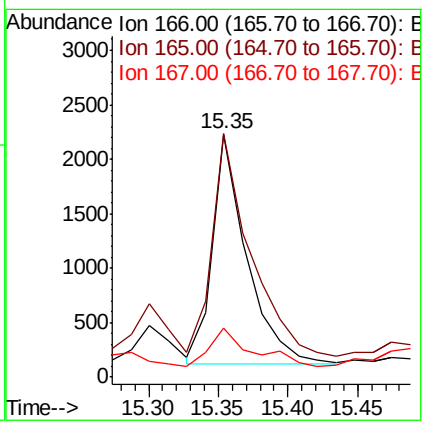


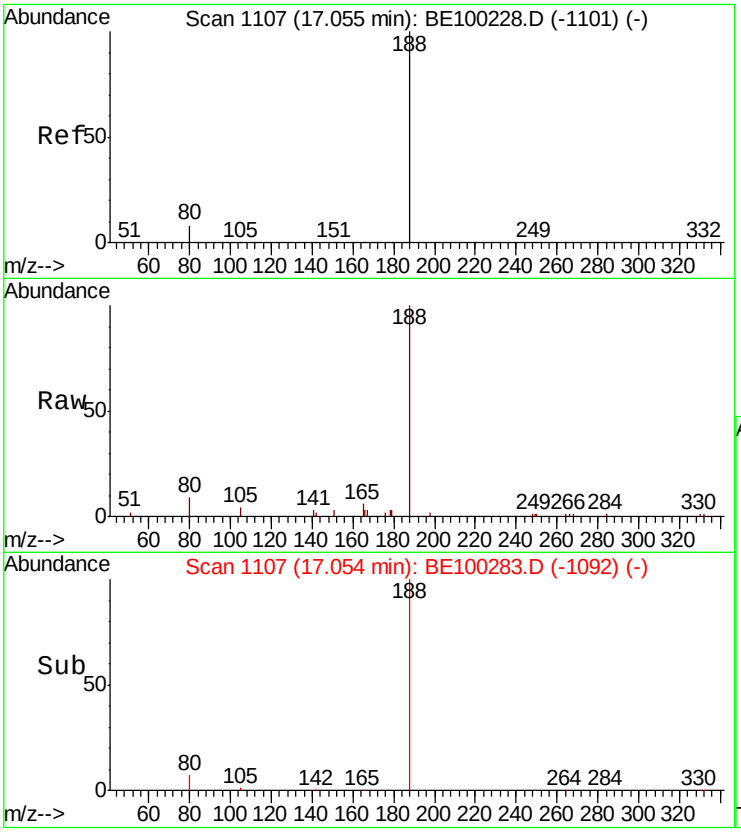


#18
Fluorene
Concen: 0.319 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:166 Resp: 3616

Ion	Ratio	Lower	Upper
166	100		
165	108.5	81.1	121.7
167	20.5	10.7	16.1#



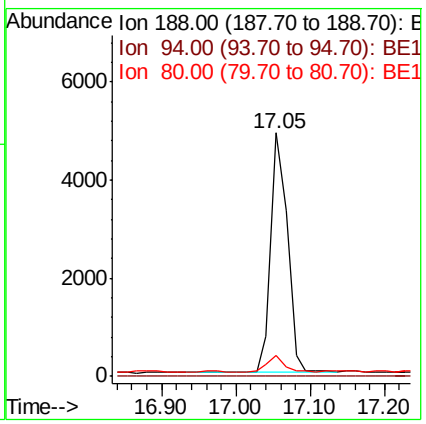


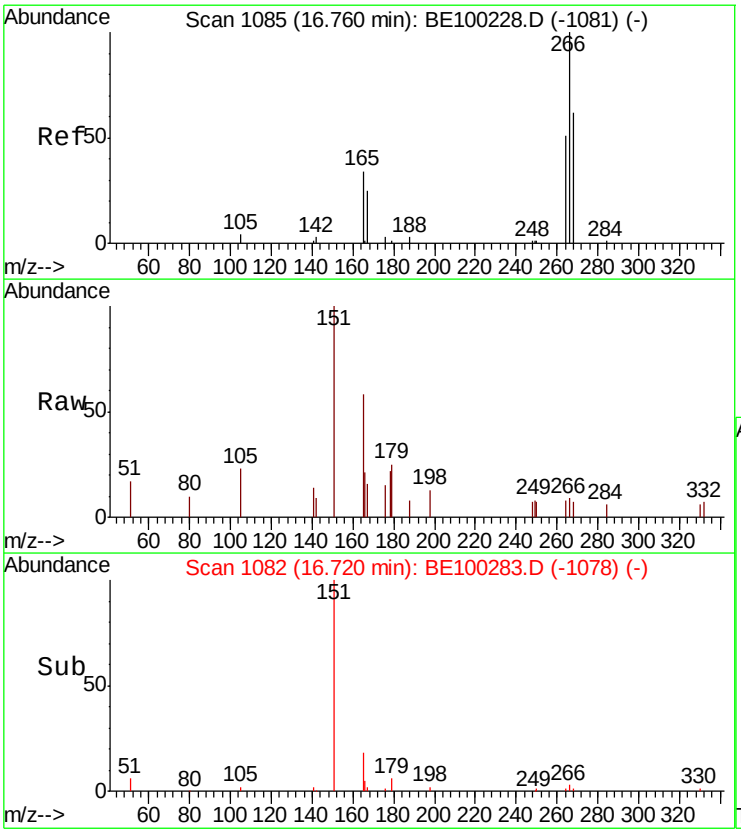
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:188 Resp: 7556

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.6	11.4

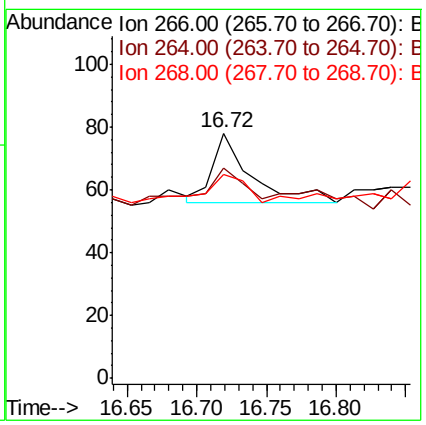


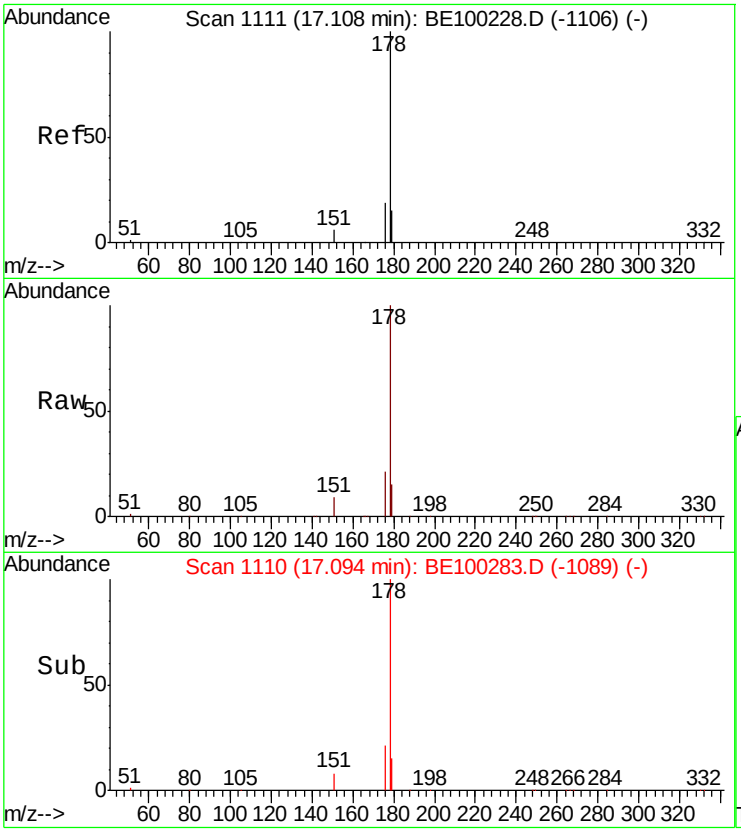


#22
Pentachlorophenol
Concen: 0.029 ng
RT: 16.72 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:266 Resp: 43

Ion	Ratio	Lower	Upper
266	100		
264	85.9	56.2	84.2#
268	83.3	61.8	92.6



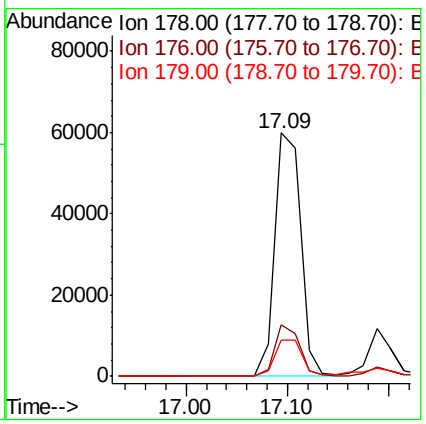


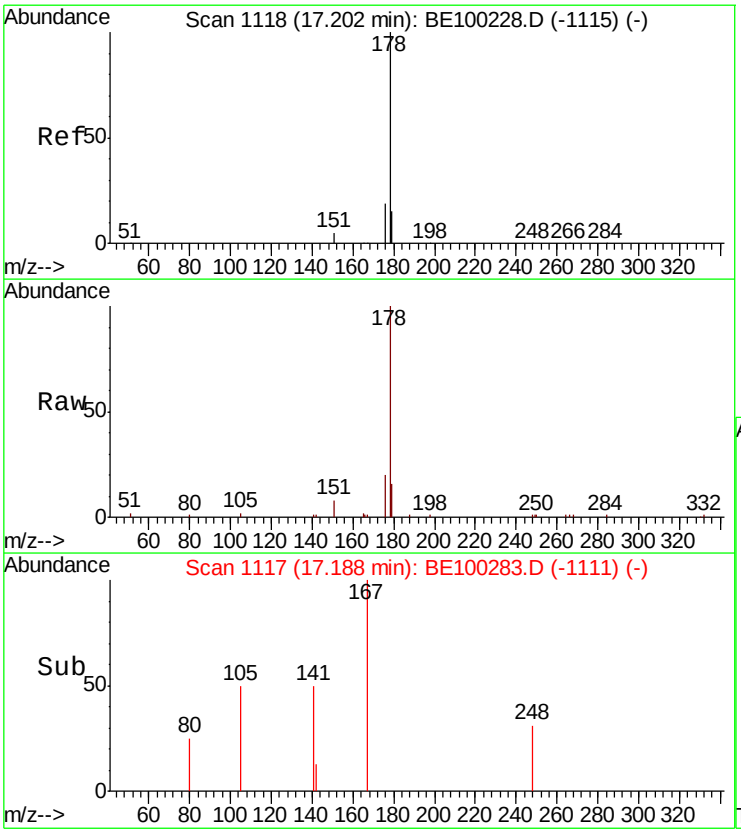
#23
Phenanthrene
Concen: 5.761 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:178 Resp: 105500

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.3	12.2	18.2

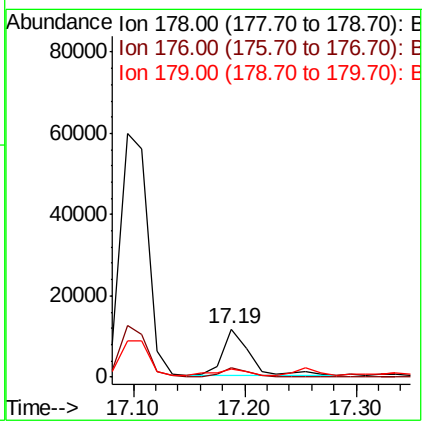


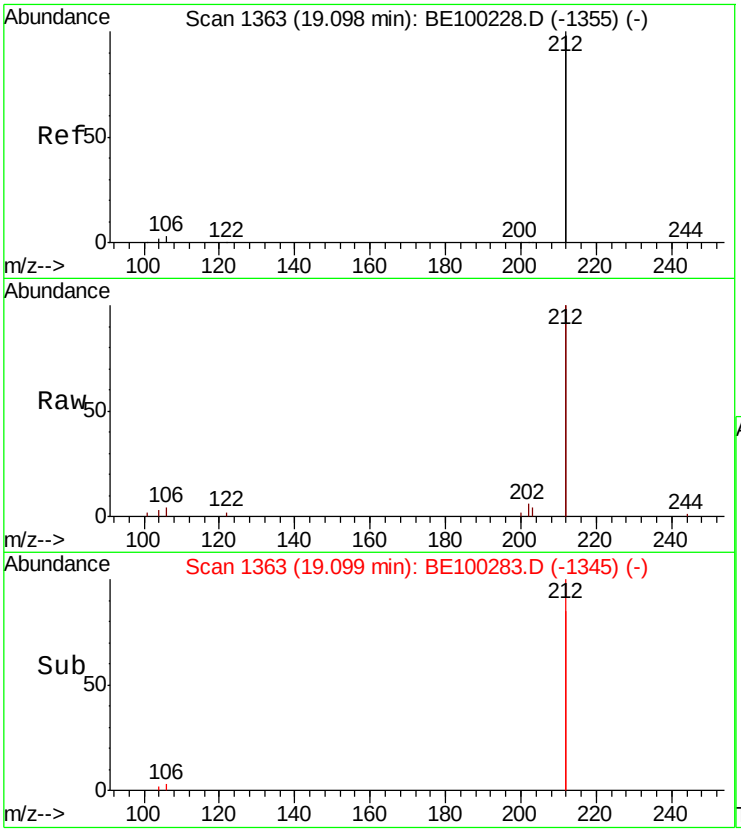


#24
Anthracene
Concen: 1.108 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:178 Resp: 18265

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	19.0	12.2	18.2#



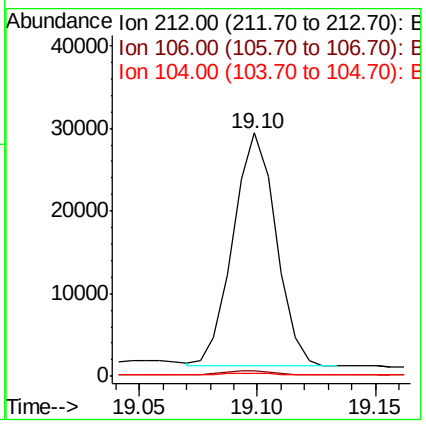


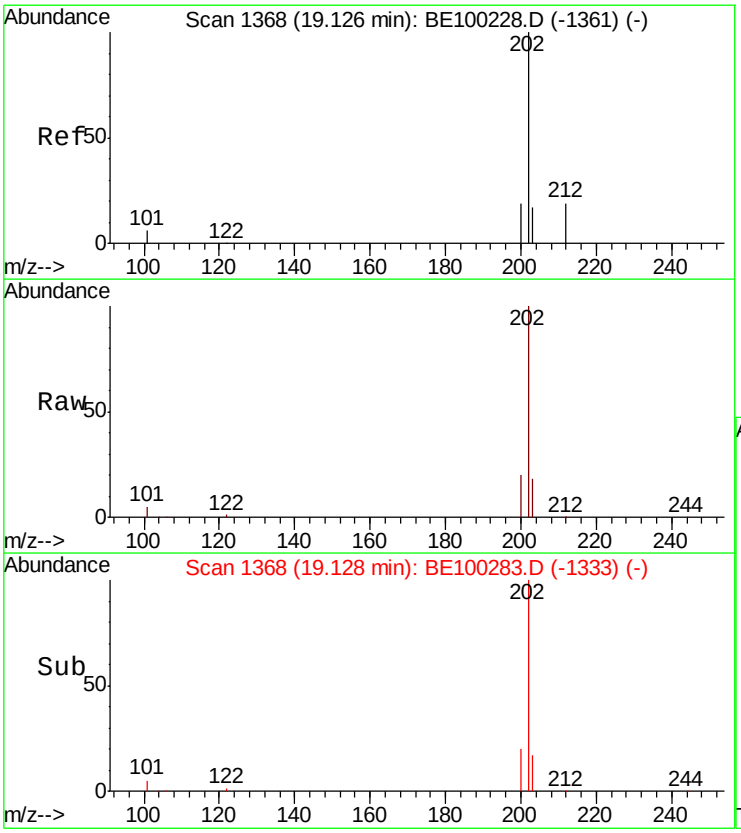
#25
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:212 Resp: 35917

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.8	1.2

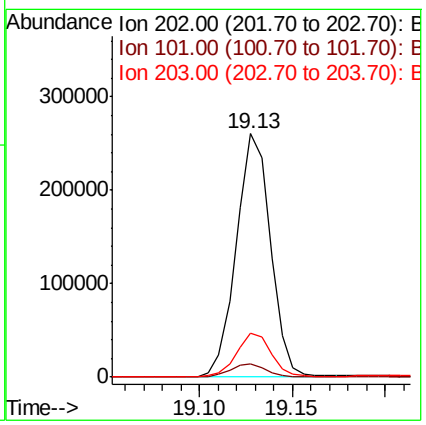


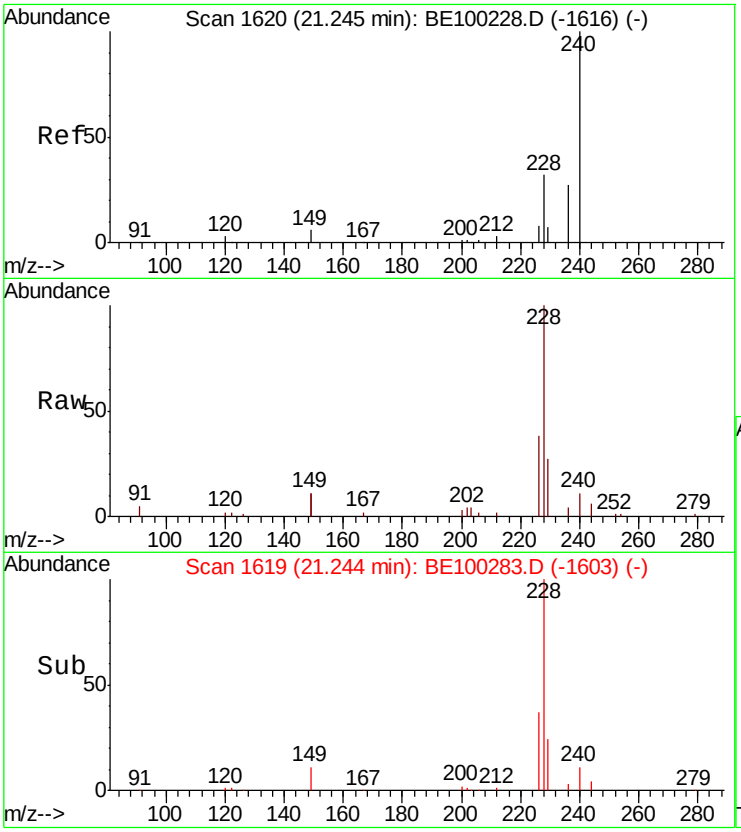


#26
Fluoranthene
Concen: 11.455 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:202 Resp: 334154

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.7	13.7	20.5



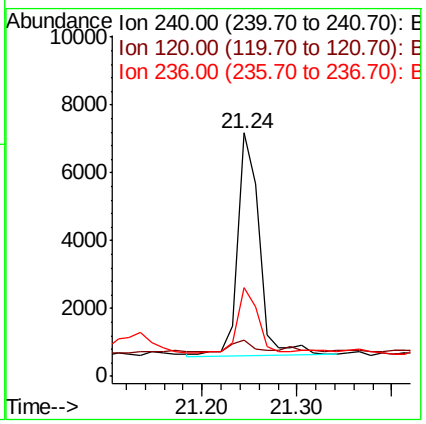


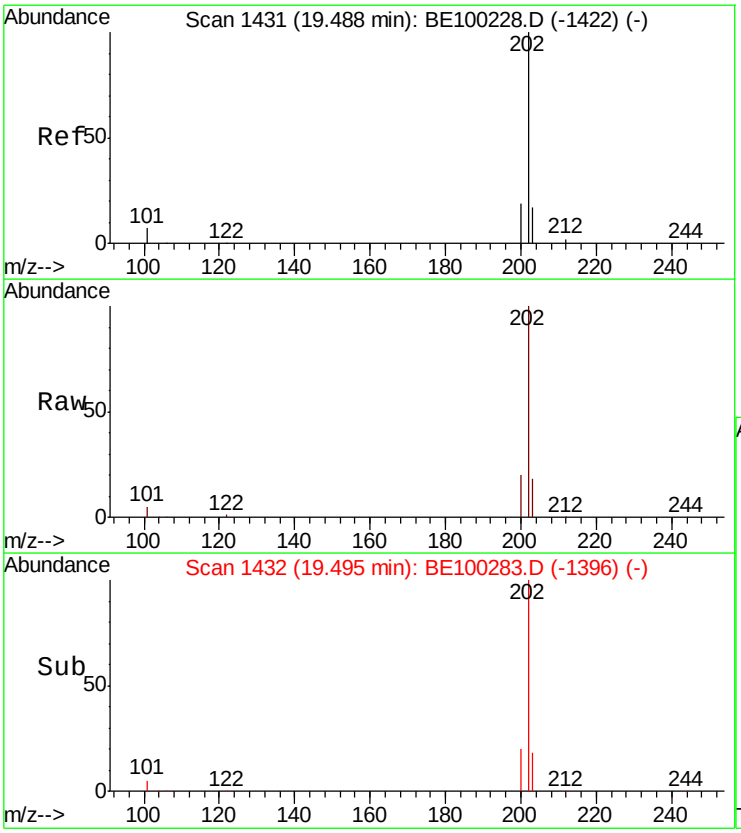
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:240 Resp: 10402

Ion	Ratio	Lower	Upper
240	100		
120	15.0	3.3	4.9#
236	36.4	22.6	34.0#

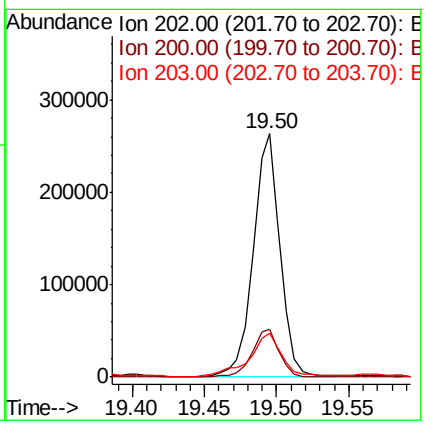


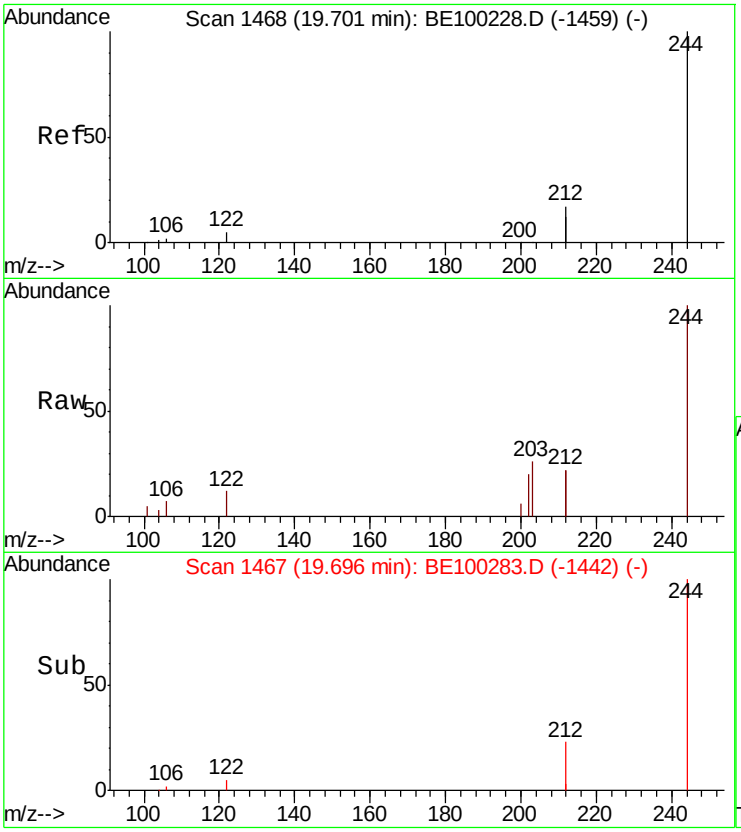


#28
Pyrene
Concen: 12.343 ng
RT: 19.50 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:202 Resp: 339926

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	21.3	14.0	21.0#



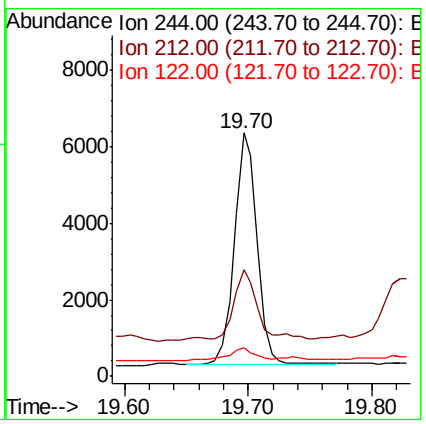


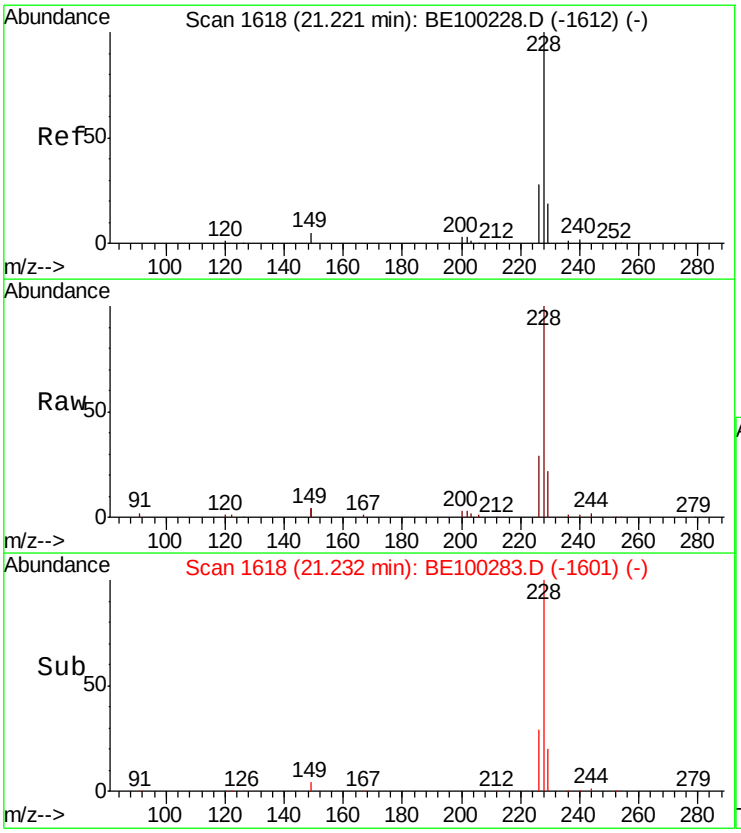
#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:244 Resp: 7806

Ion	Ratio	Lower	Upper
244	100		
212	43.6	27.3	40.9#
122	11.9	4.7	7.1#

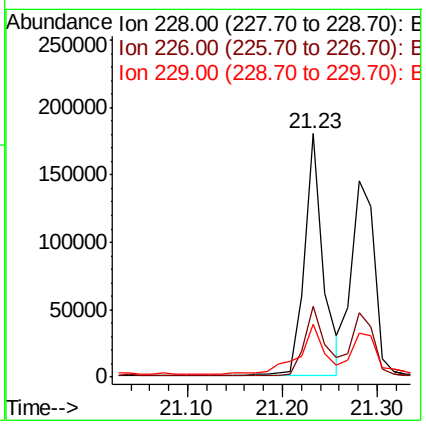


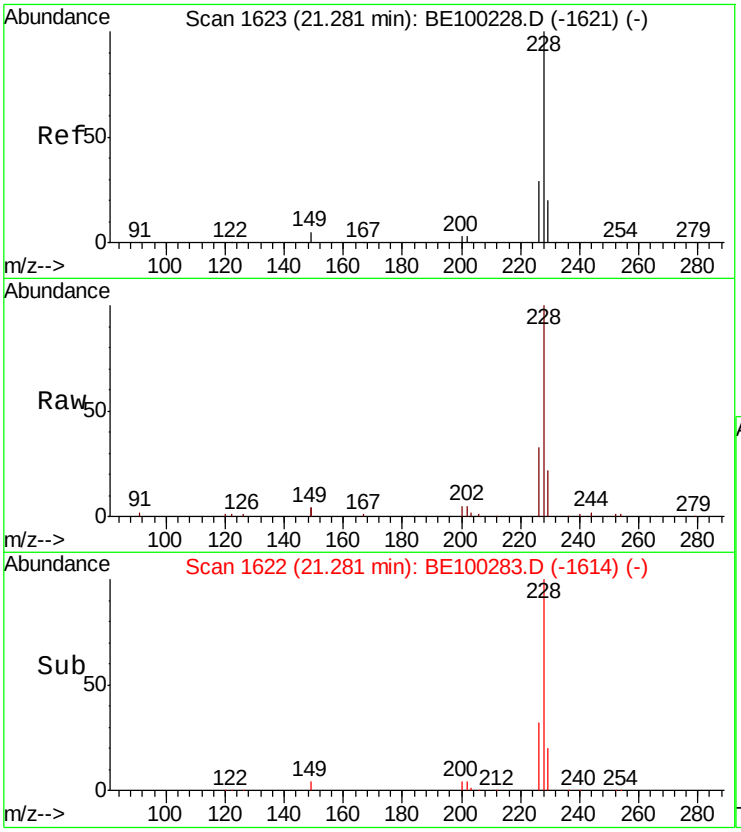


#30
Benzo(a)anthracene
Concen: 7.213 ng
RT: 21.23 min Scan# 1618
Delta R.T. 0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:228 Resp: 246697

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.2	34.8
229	21.8	15.7	23.5



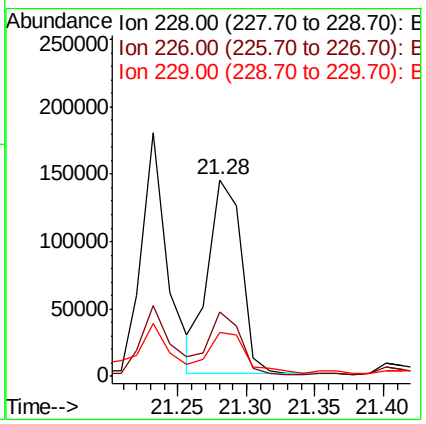


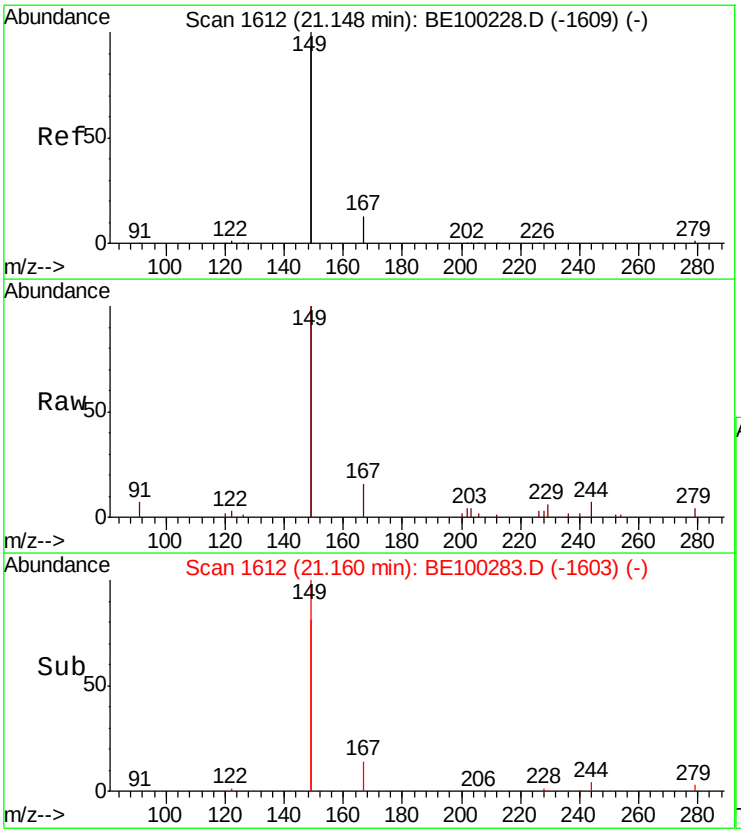
#31
Chrysene
Concen: 7.023 ng
RT: 21.28 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:228 Resp: 241210

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.9	35.9
229	22.4	16.5	24.7

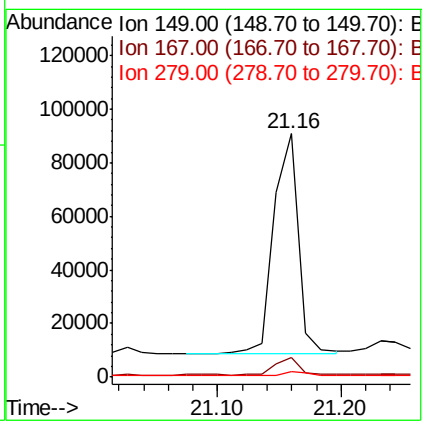


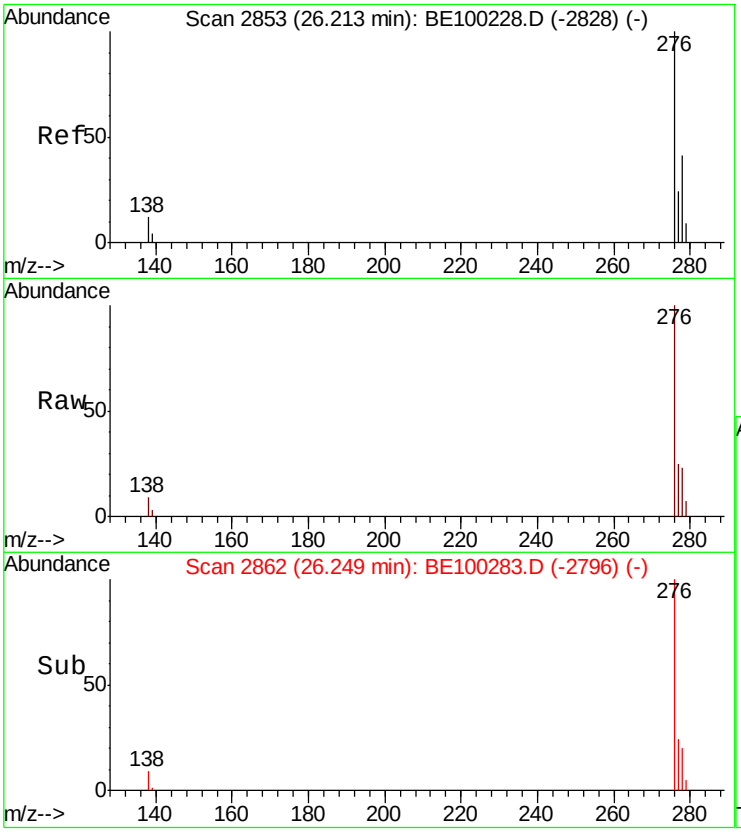


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.336 ng
RT: 21.16 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:149 Resp: 115726

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.6	1.1	1.7



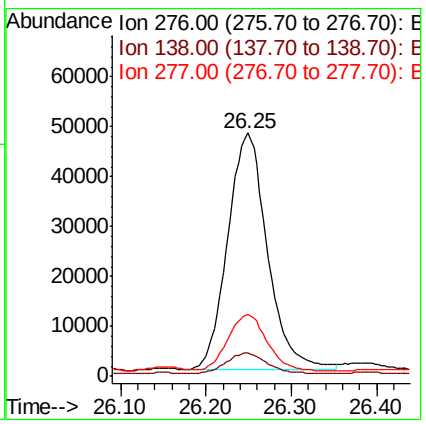


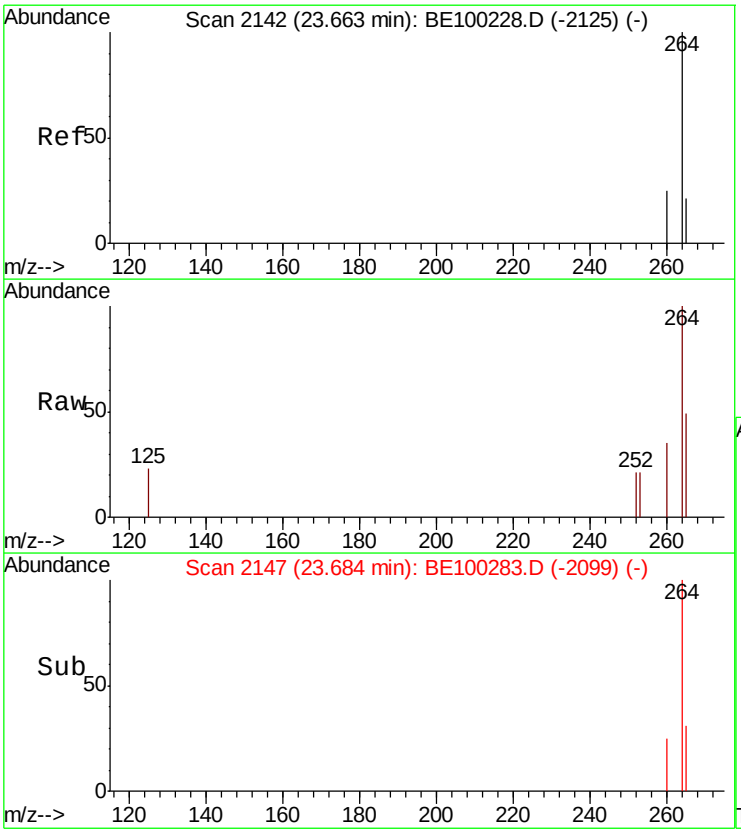
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.388 ng
RT: 26.25 min Scan# 2862
Delta R.T. 0.04 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:276 Resp: 153905

Ion	Ratio	Lower	Upper
276	100		
138	8.4	9.4	14.0#
277	23.4	19.2	28.8

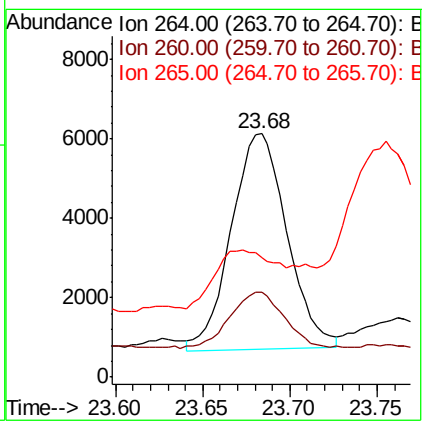


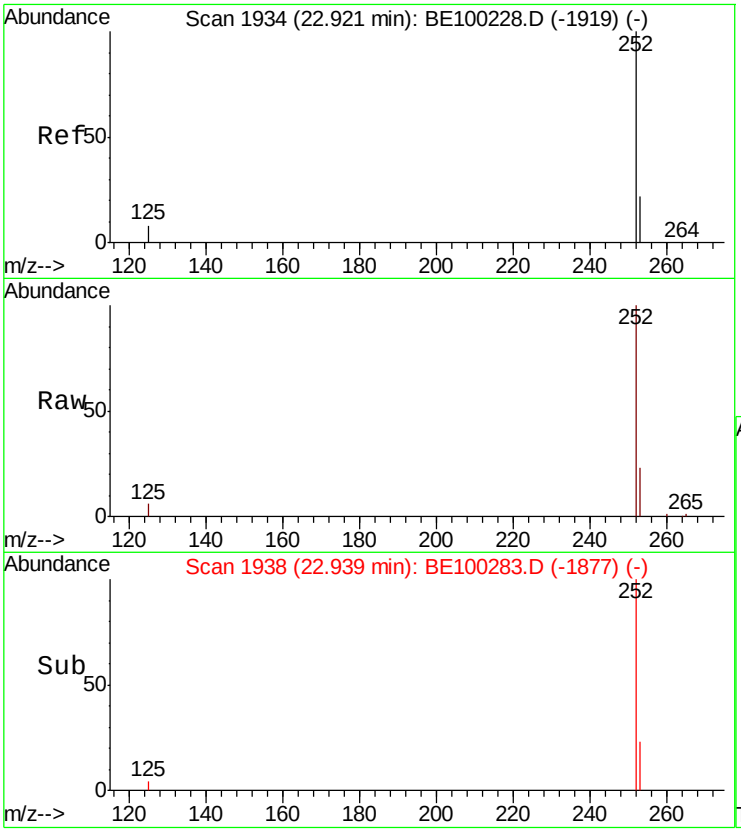


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2147
Delta R.T. 0.02 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:264 Resp: 12001

Ion	Ratio	Lower	Upper
264	100		
260	34.9	20.8	31.2#
265	49.2	21.8	32.6#



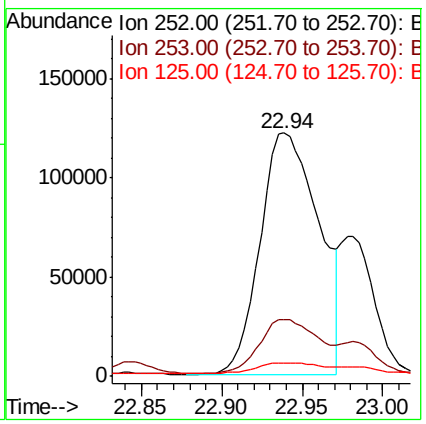


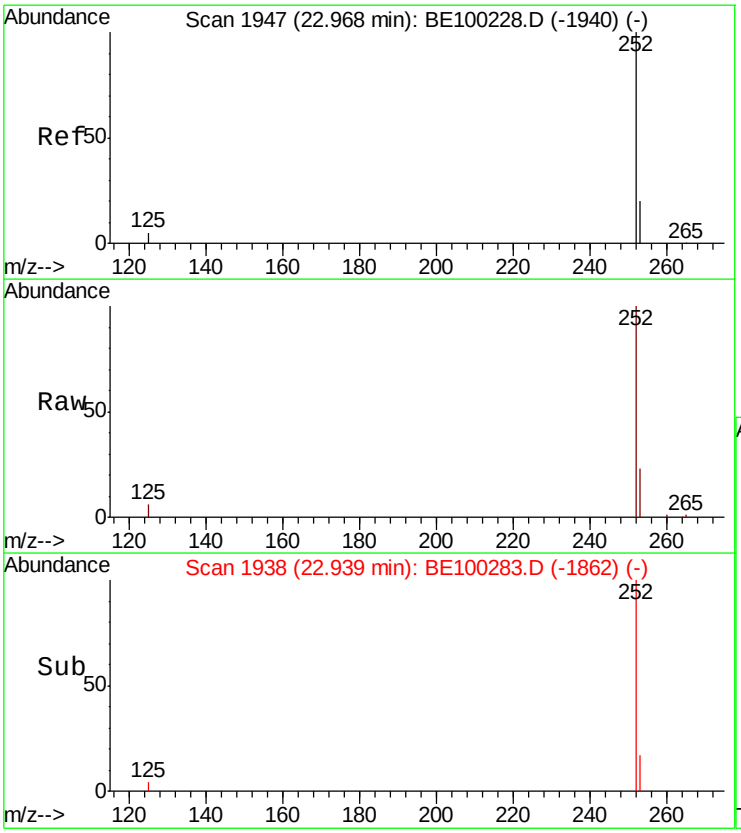
#35
Benzo(b)fluoranthene
Concen: 9.532 ng
RT: 22.94 min Scan# 1938
Delta R.T. 0.02 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:252 Resp: 310144

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	5.6	7.4	11.0#

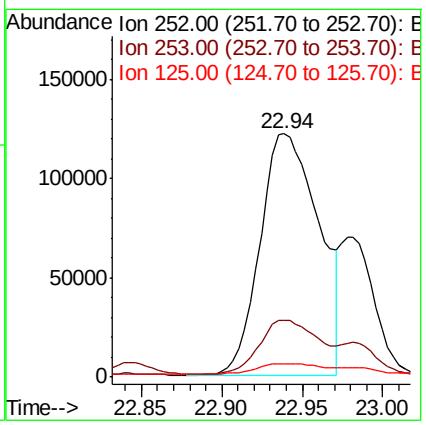


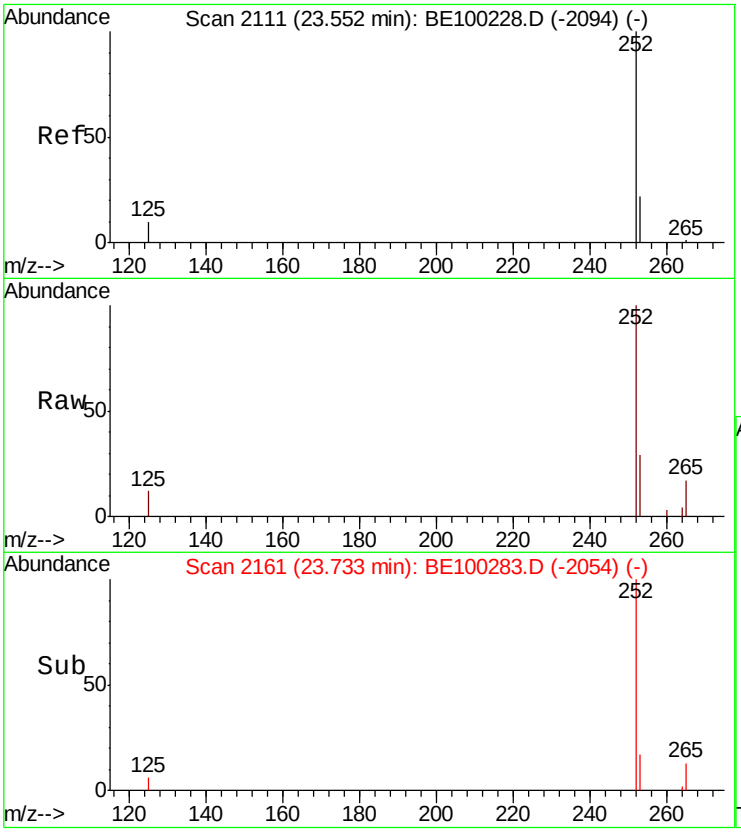


#36
Benzo(k)fluoranthene
Concen: 8.539 ng
RT: 22.94 min Scan# 1938
Delta R.T. -0.03 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:252 Resp: 310144

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	5.6	5.0	7.4



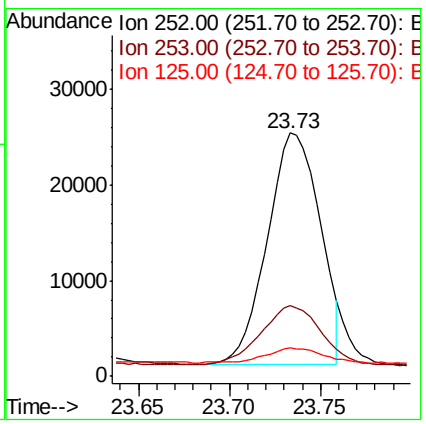


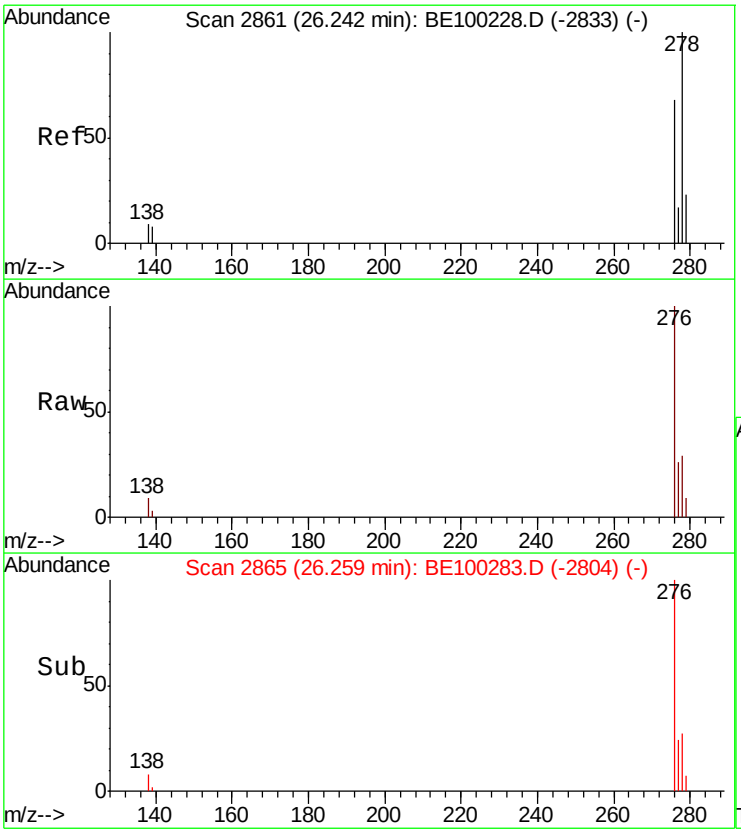
#37
Benzo(a)pyrene
Concen: 1.486 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.18 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:252 Resp: 48464

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.6	29.4
125	11.6	9.0	13.6

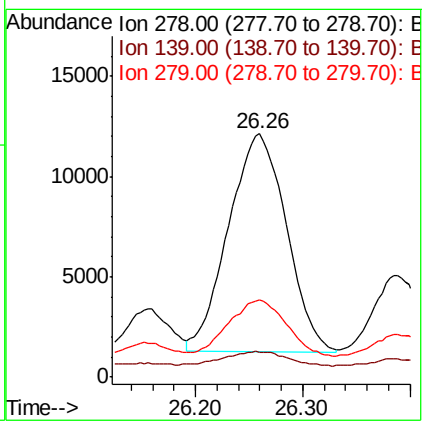


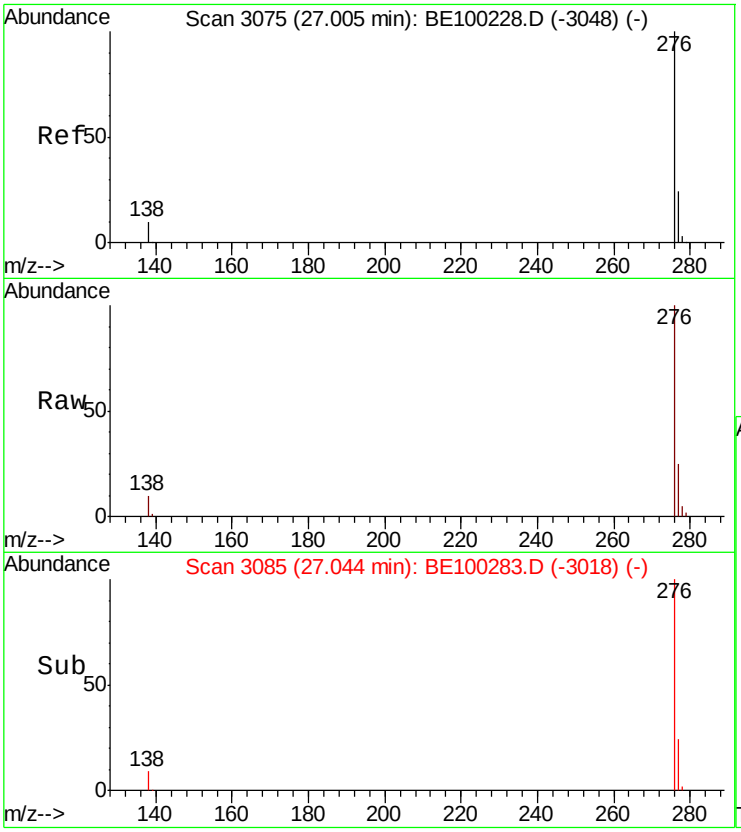


#38
Dibenzo(a,h)anthracene
Concen: 1.191 ng
RT: 26.26 min Scan# 2865
Delta R.T. 0.02 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:278 Resp: 40548

Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.2
279	31.6	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 4.469 ng
RT: 27.04 min Scan# 3085
Delta R.T. 0.04 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:276 Resp: 156357

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.2	30.2
138	9.7	9.0	13.6