Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100287.D
Acq On : 2 Jul 2019 5:22
Operator : JU/SJ
Sample : K3445-19 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-008-SW122-061719

Quant Time: Jul 02 07:00:30 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	1006	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	3525	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	2550	0.40	ng		0.00
19) Phenanthrene-d10	17.07	188	6990	0.40	ng		0.01
27) Chrysene-d12	21.25	240	9038	0.40	ng		0.00
34) Perylene-d12	23.69	264	10313	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	175	0.07	ng		0.01
5) Phenol-d6	6.84	99	213	0.06	ng		0.00
8) Nitrobenzene-d5	8.81	82	242	0.07	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	417	0.06	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	122	0.07	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	623	0.06	ng		0.00
25) Fluoranthene-d10	19.10	212	5761	0.06	ng		0.00
29) Terphenyl-d14	19.70	244	1750	0.09	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.48	128	2451	0.063	ng	#	93
12) 2-Methylnaphthalene	12.12	142	421	0.062	ng		88
16) Acenaphthylene	14.04	152	1461	0.119	ng		94
17) Acenaphthene	14.39	154	216	0.031	ng		96
18) Fluorene	15.37	166	461	0.045	ng	#	92
23) Phenanthrene	17.11	178	12918	0.762	ng		99
24) Anthracene	17.20	178	2081	0.136	ng		98
26) Fluoranthene	19.13	202	31514	1.168	ng		98
28) Pyrene	19.49	202	31666	1.323	ng	#	96
30) Benzo(a)anthracene	21.23	228	21628	0.728	ng	#	88
31) Chrysene	21.28	228	20370	0.683	ng	#	85
32) Bis(2-ethylhexyl)phthalate	21.16	149	18493	0.383	ng		98
33) Indeno(1,2,3-cd)pyrene	26.26	276	12042	0.305	ng	#	96
35) Benzo(b)fluoranthene	22.94	252	25745	0.921	ng	#	81
36) Benzo(k)fluoranthene	22.94	252	25745	0.825	ng	#	77
37) Benzo(a)pyrene	23.57	252	17701	0.632	ng	#	82
38) Dibenzo(a,h)anthracene	26.26	278	3044	0.104	ng	#	14
39) Benzo(g,h,i)perylene	27.05	276	13844	0.460	ng	#	83

(#) = 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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BNA_E
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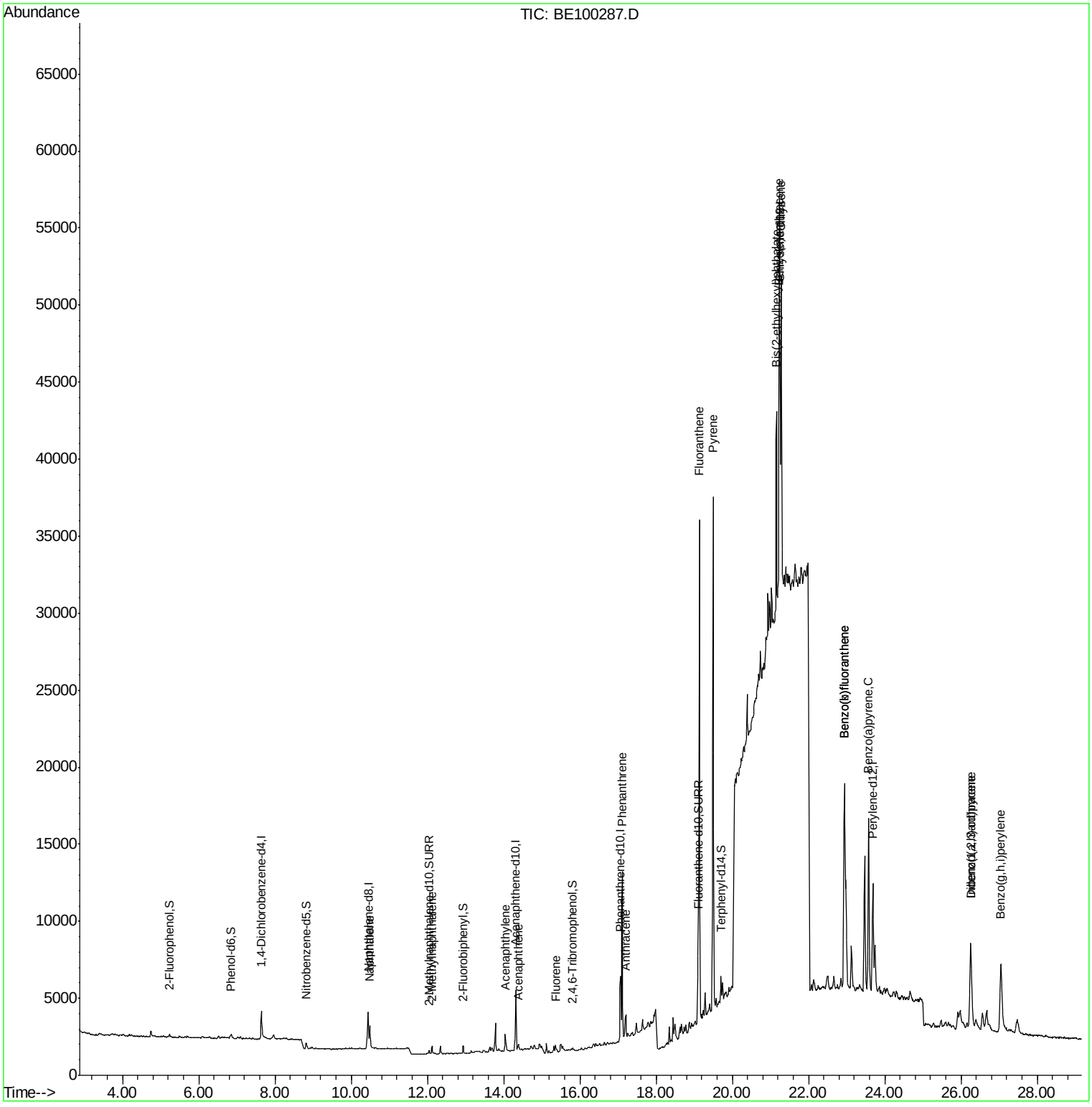
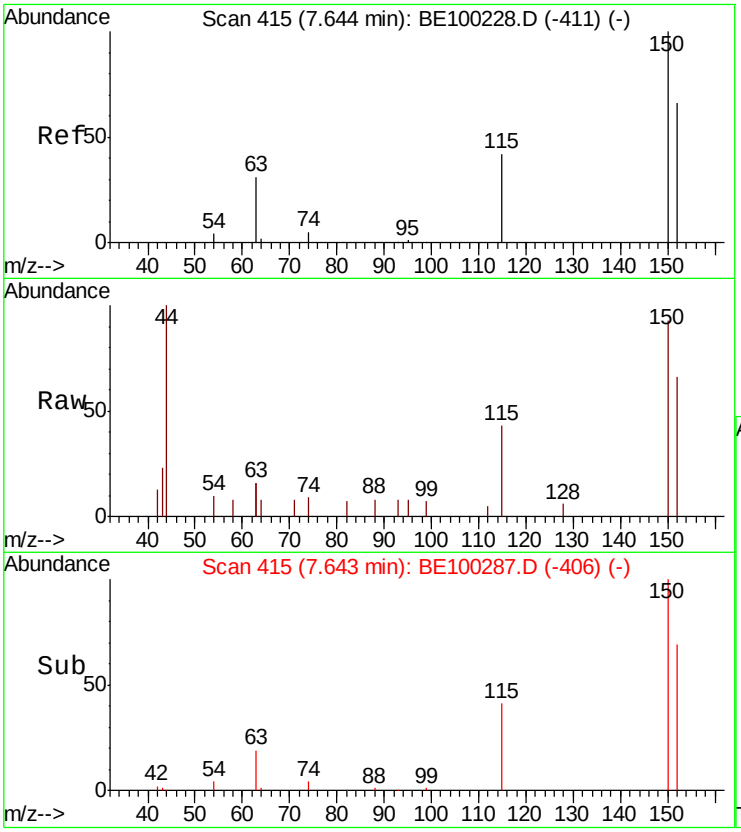
EXT-008-SW122-061719

Quant Time: Jul 02 07:00:30 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



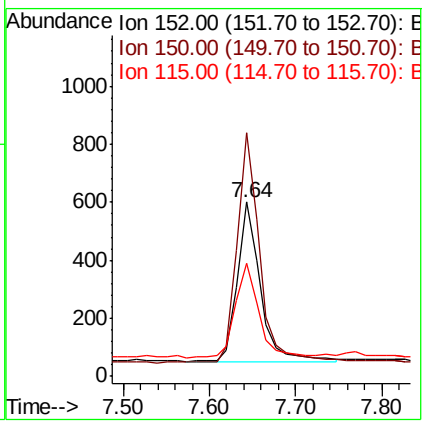


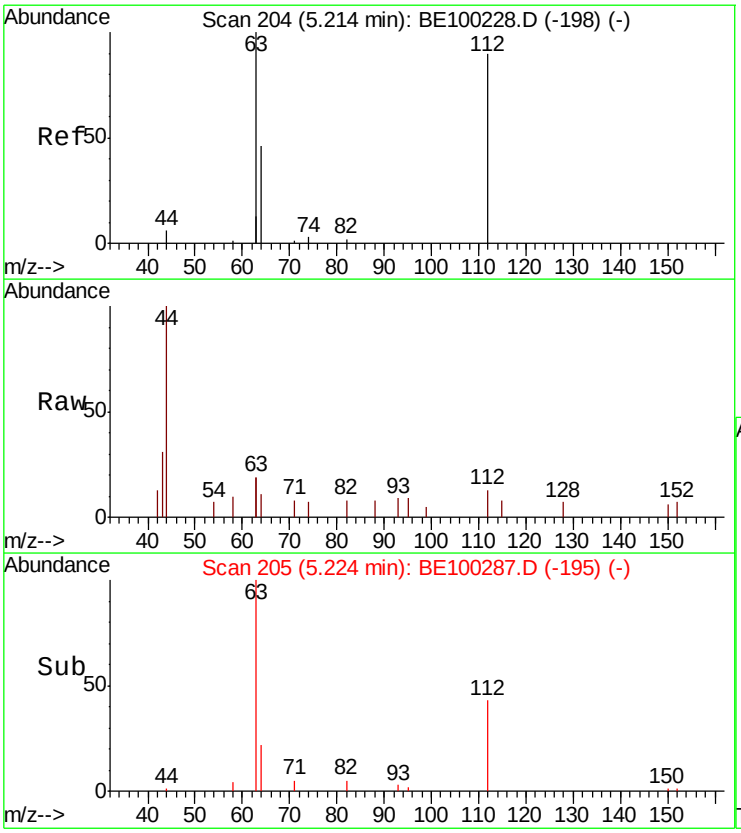
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:152 Resp: 1006

Ion	Ratio	Lower	Upper
152	100		
150	139.8	114.5	171.7
115	65.2	57.1	85.7

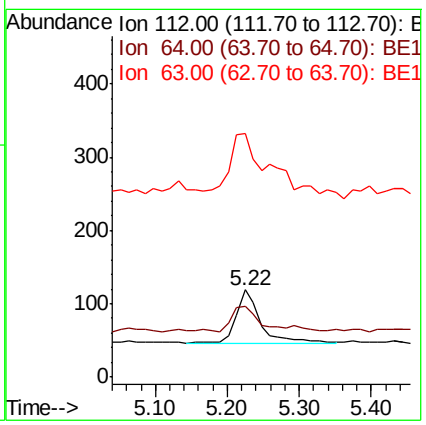


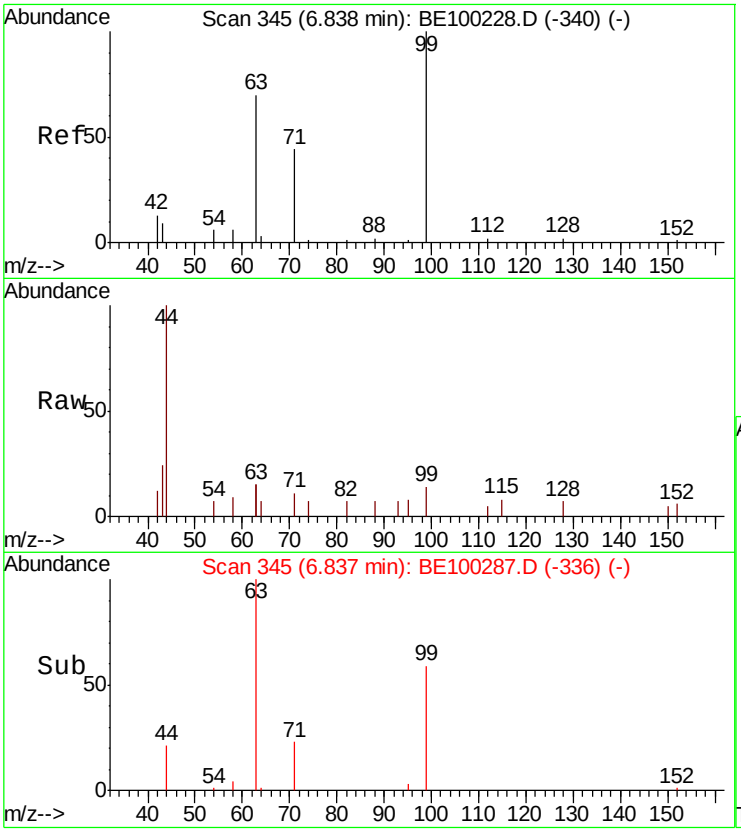


#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.22 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:112 Resp: 175

Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.4	59.0
63	207.4	104.5	156.7#



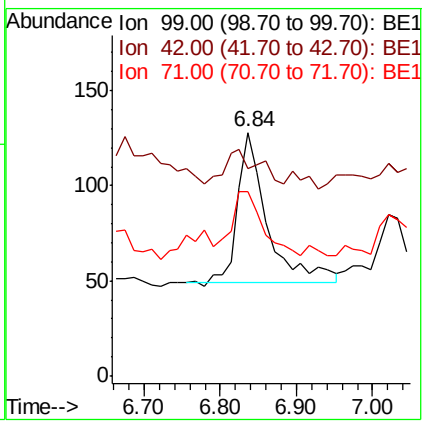


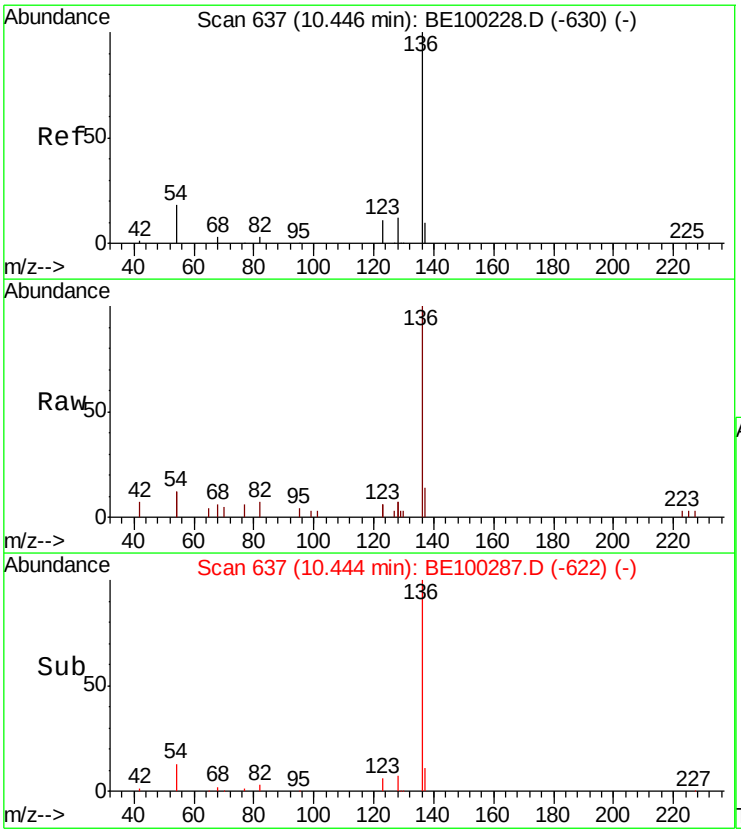
#5
Phenol-d6
Concen: 0.063 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion: 99 Resp: 213

Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.2	16.8#
71	45.5	37.2	55.8

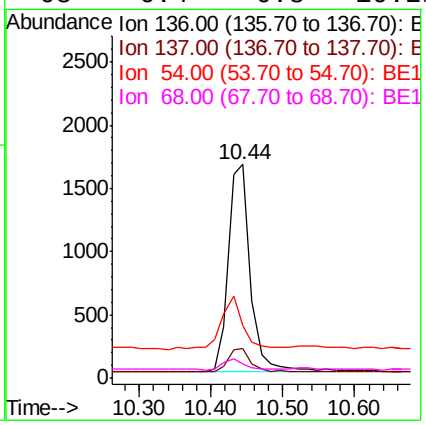


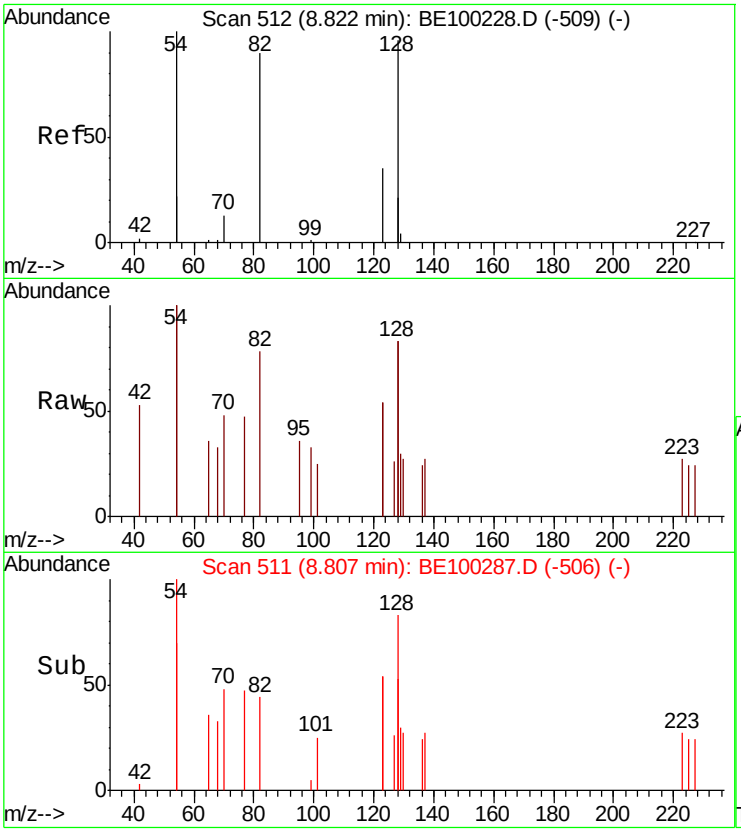


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:136 Resp: 3525

Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.8	17.8
54	24.6	27.7	41.5#
68	6.4	6.8	10.2#



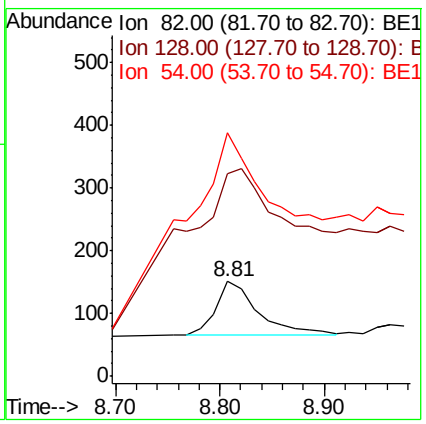


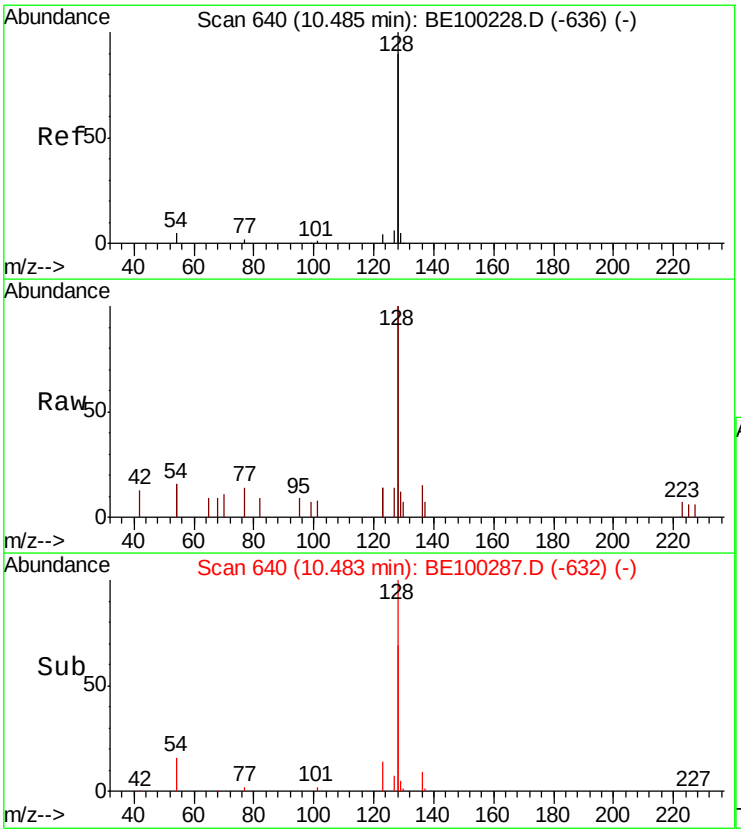
#8
Nitrobenzene-d5
Concen: 0.069 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion: 82 Resp: 242

Ion	Ratio	Lower	Upper
82	100		
128	213.2	140.9	211.3#
54	257.0	146.2	219.2#

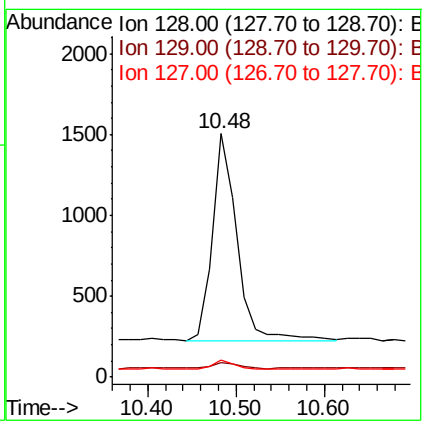


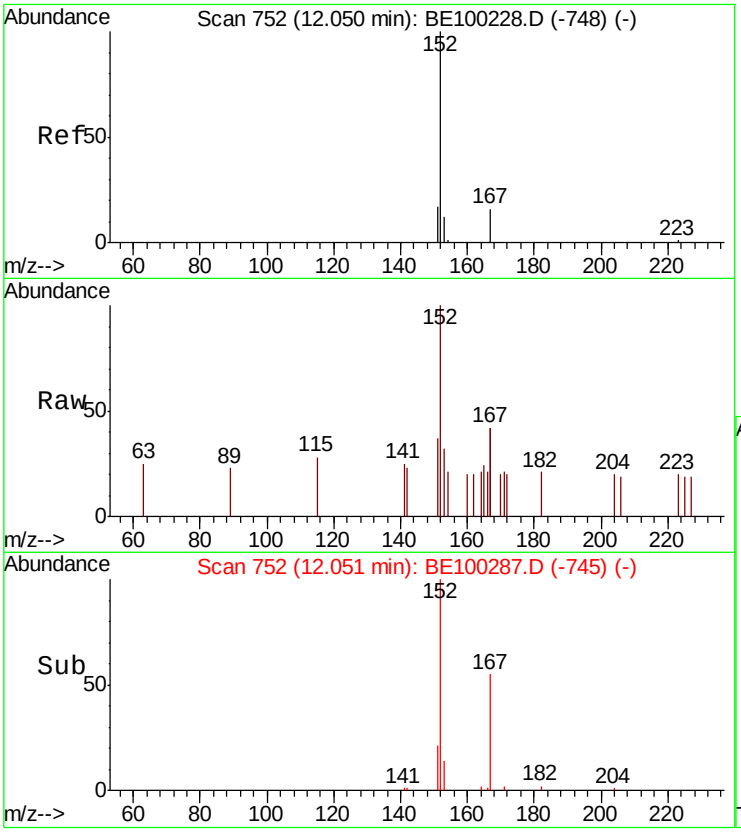


#9
Naphthalene
Concen: 0.063 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:128 Resp: 2451

Ion	Ratio	Lower	Upper
128	100		
129	6.1	3.0	4.6#
127	6.8	3.5	5.3#



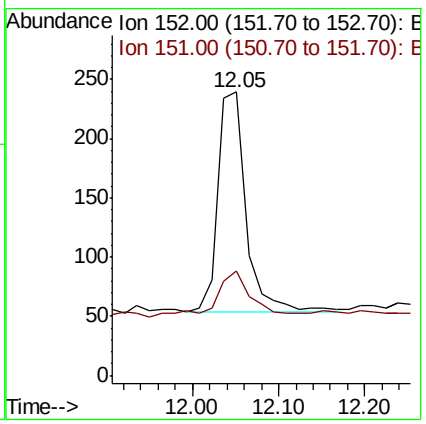


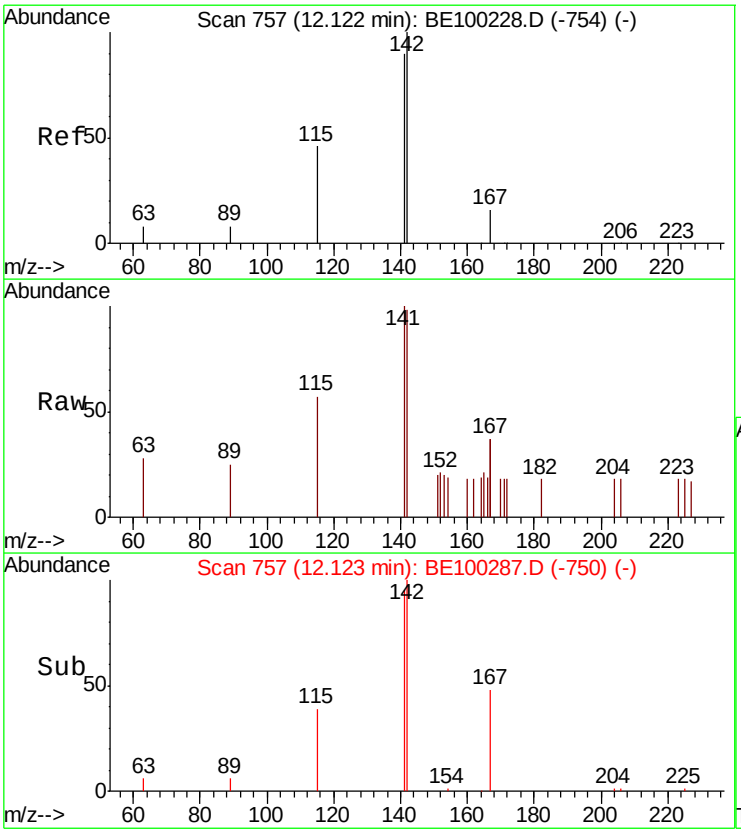
#11
2-Methylnaphthalene-d10
Concen: 0.063 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:152 Resp: 417

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.1	22.7

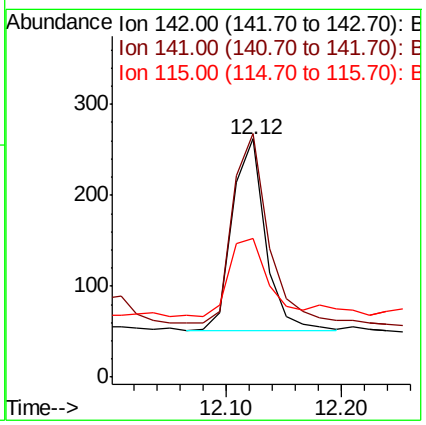


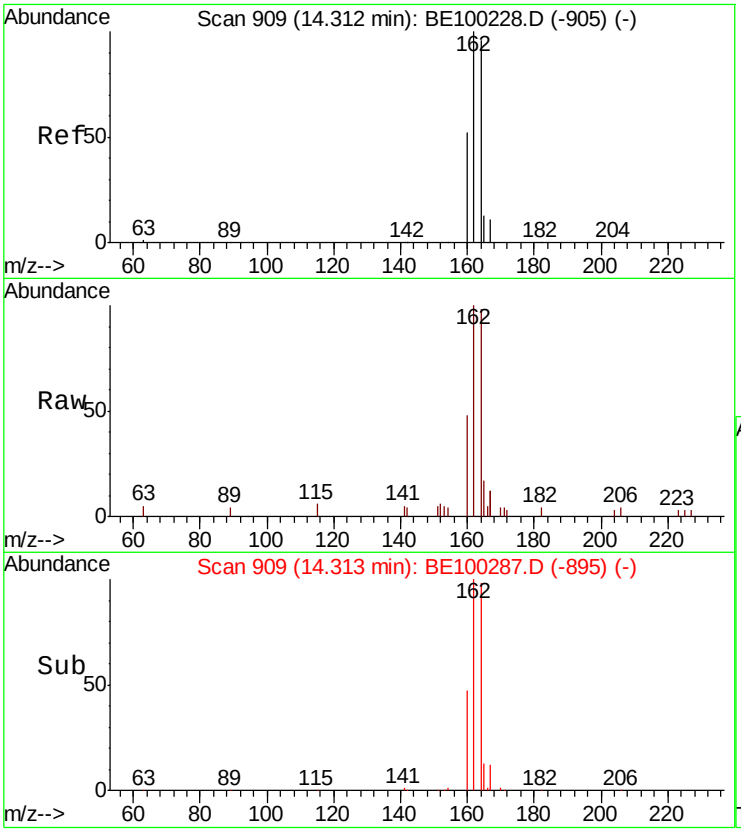


#12
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:142 Resp: 421

Ion	Ratio	Lower	Upper
142	100		
141	102.3	72.4	108.6
115	58.0	40.4	60.6



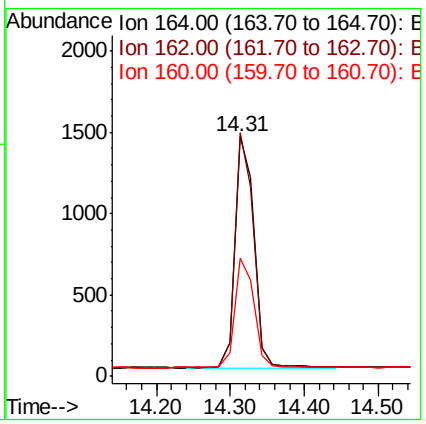


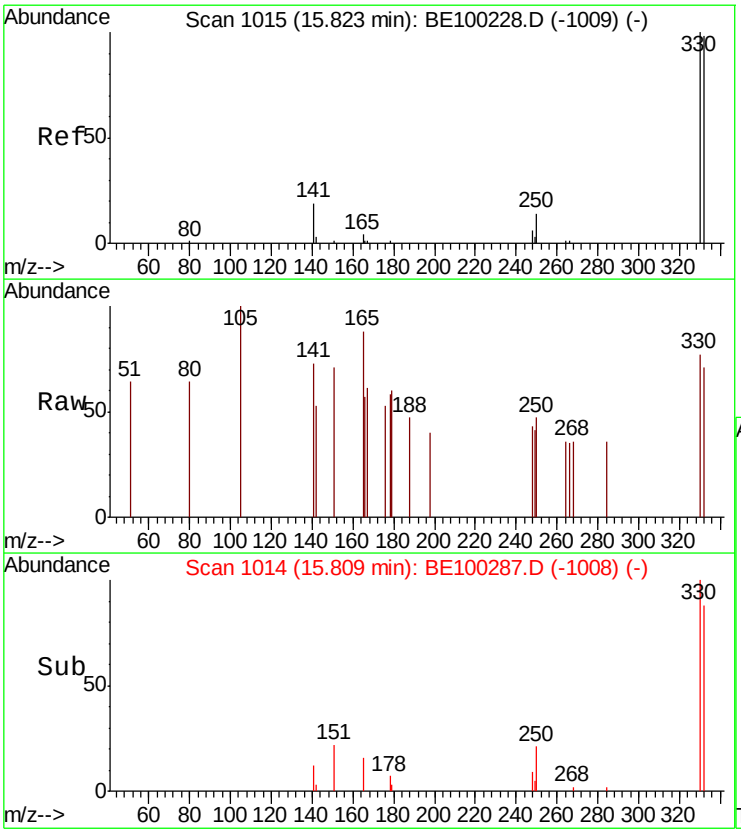
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:164 Resp: 2550

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.4	125.0
160	49.1	45.0	67.6

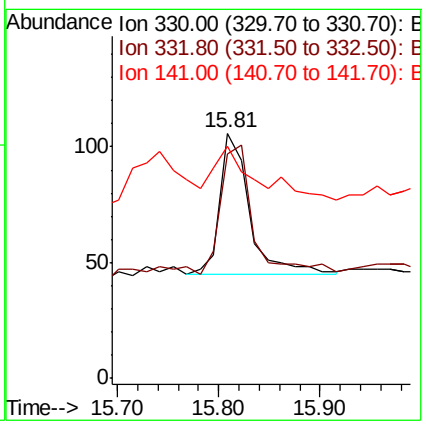


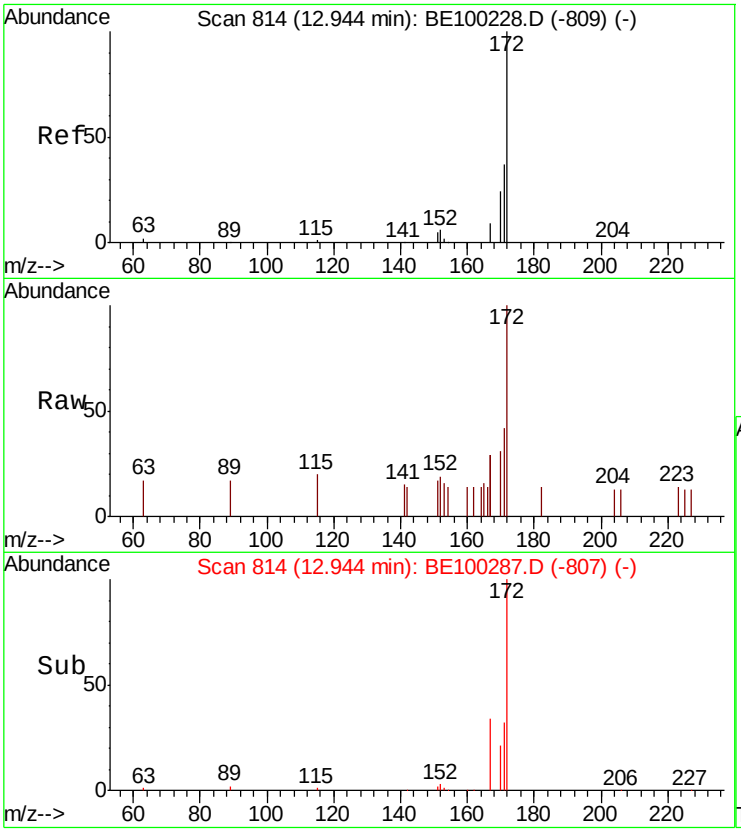


#14
2,4,6-Tribromophenol
Concen: 0.068 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:330 Resp: 122

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.4
141	54.1	22.0	33.0#



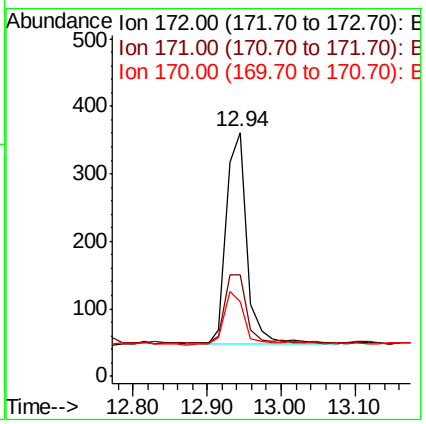


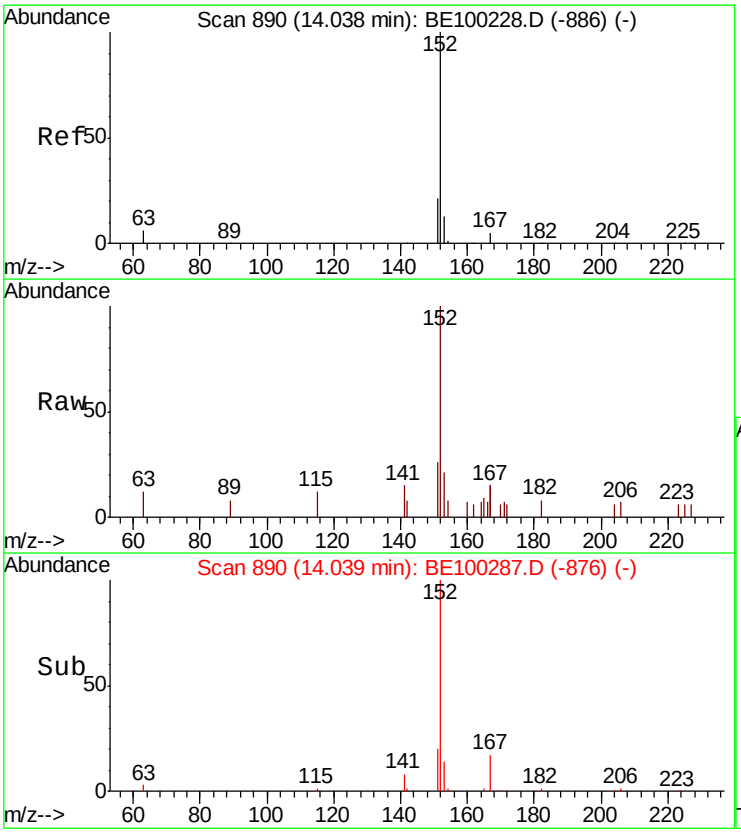
#15
2-Fluorobiphenyl
Concen: 0.063 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:172 Resp: 623

Ion	Ratio	Lower	Upper
172	100		
171	41.6	31.9	47.9
170	30.7	22.2	33.2

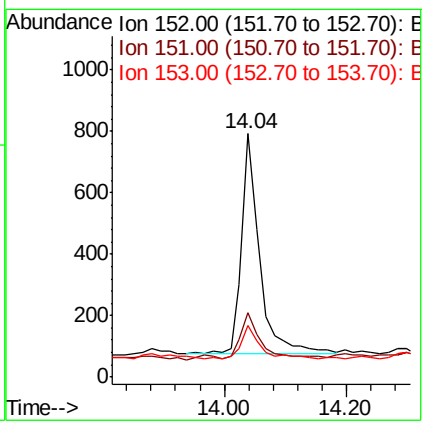


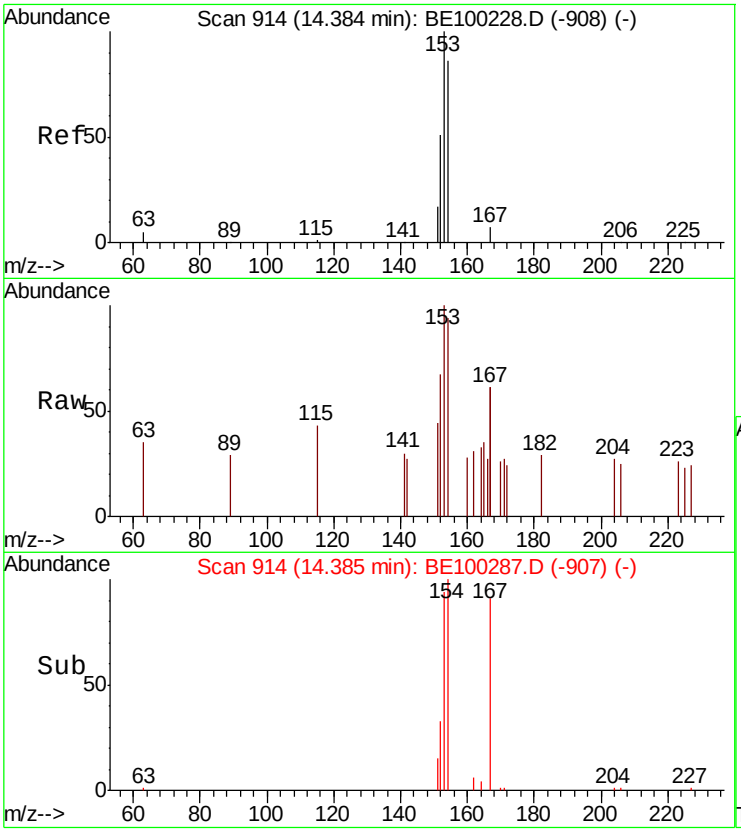


#16
Acenaphthylene
Concen: 0.119 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:152 Resp: 1461

Ion	Ratio	Lower	Upper
152	100		
151	23.7	16.6	25.0
153	15.5	10.5	15.7



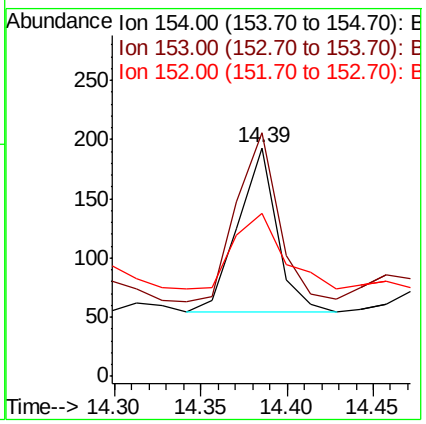


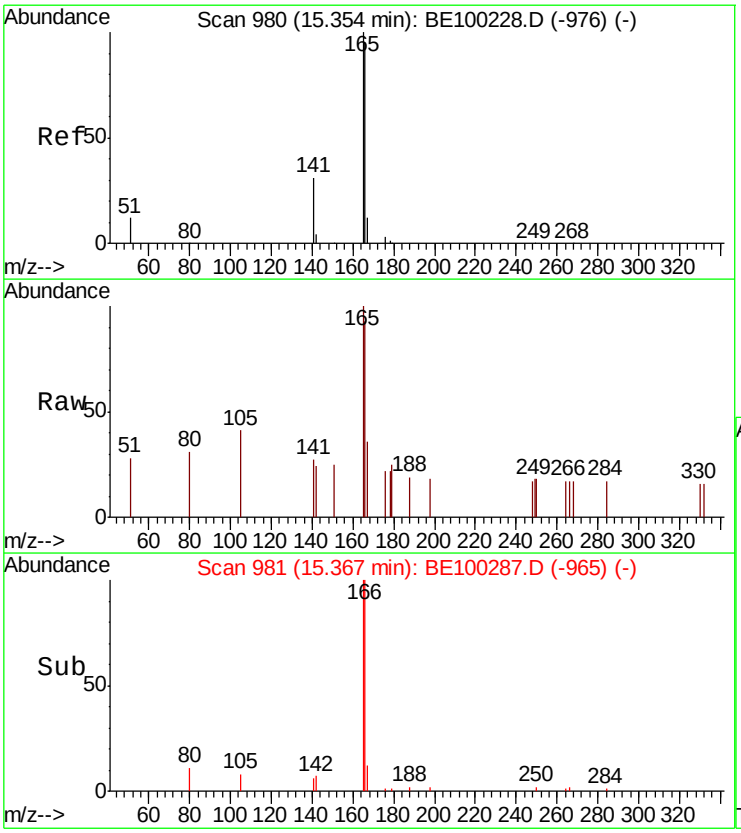
#17
Acenaphthene
Concen: 0.031 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:154 Resp: 216

Ion	Ratio	Lower	Upper
154	100		
153	112.5	93.4	140.2
152	59.3	49.4	74.2

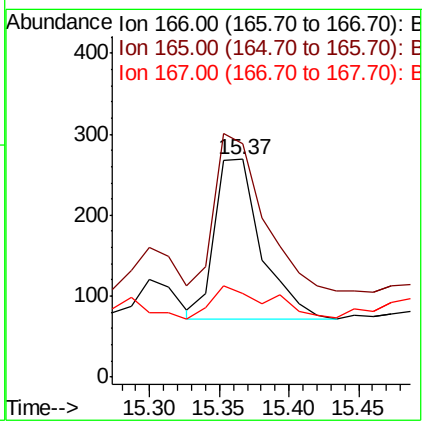


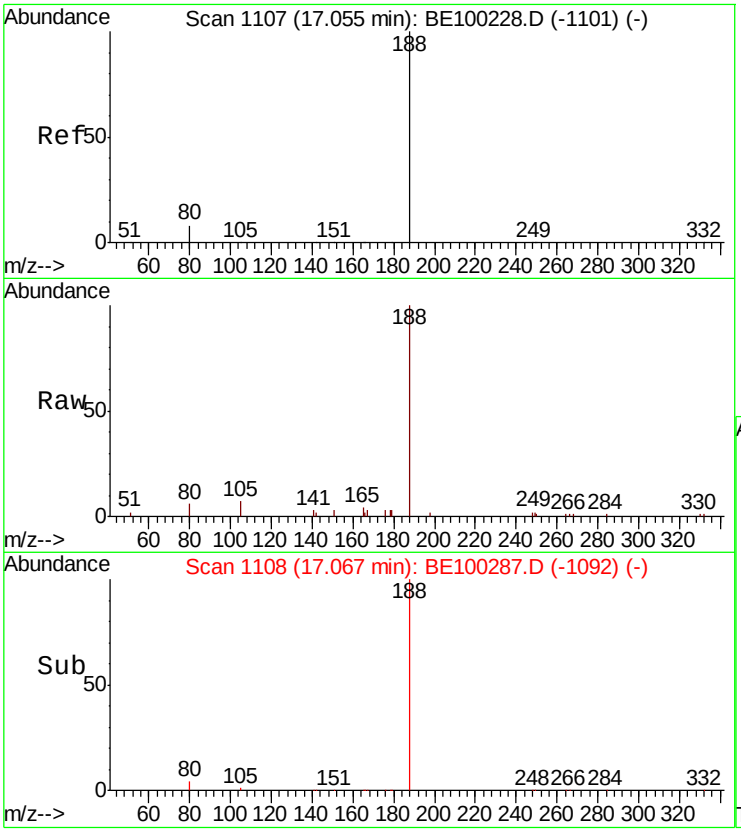


#18
Fluorene
Concen: 0.045 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:166 Resp: 461

Ion	Ratio	Lower	Upper
166	100		
165	106.7	81.1	121.7
167	26.0	10.7	16.1#



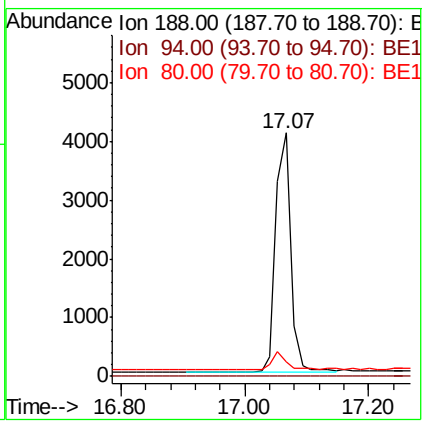


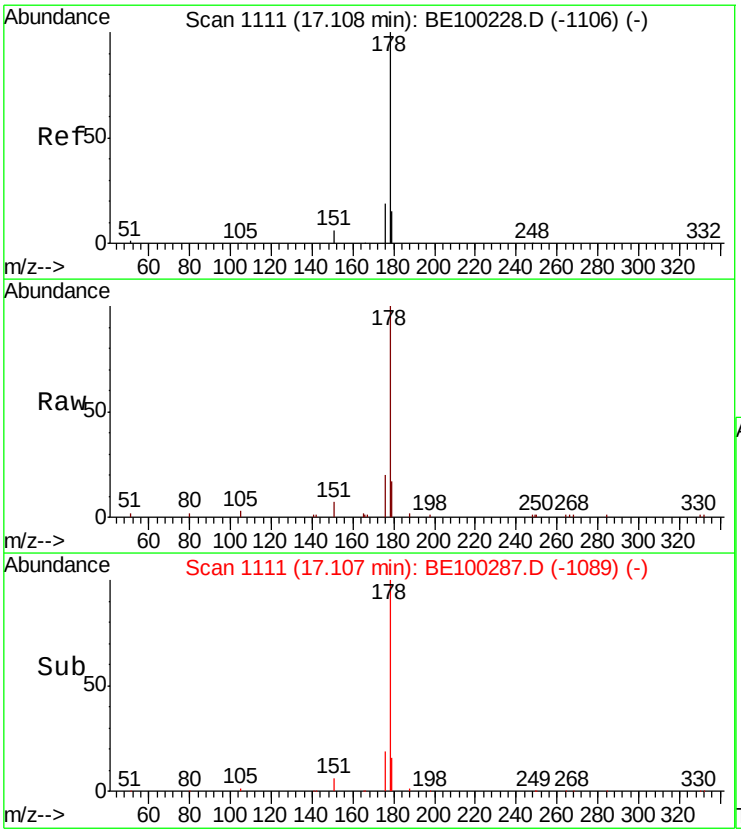
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:188 Resp: 6990

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	7.6	11.4#

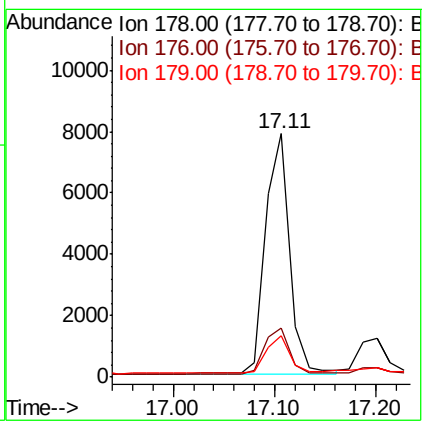


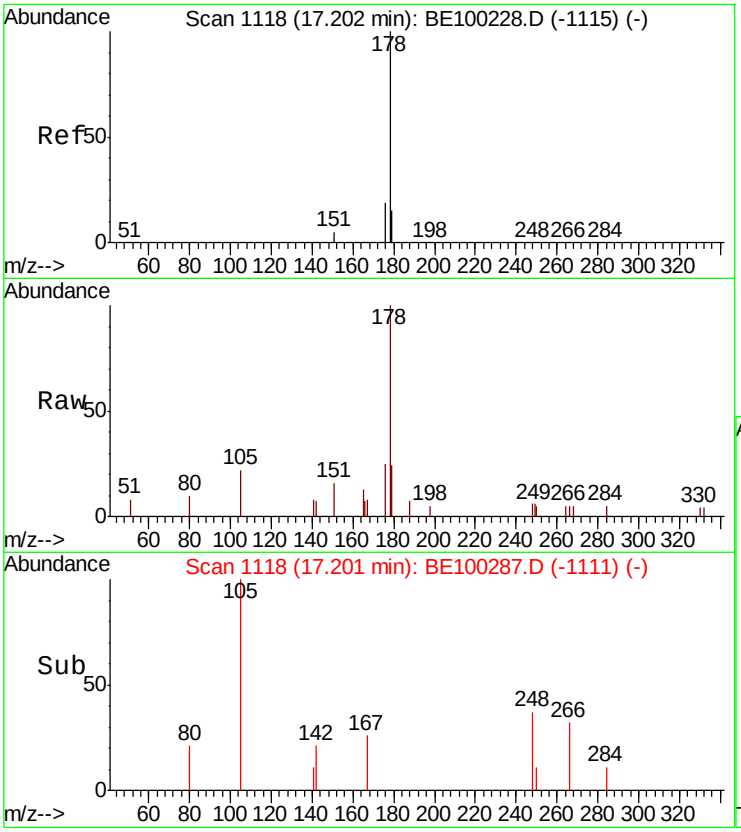


#23
Phenanthrene
Concen: 0.762 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:178 Resp: 12918

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.0	12.2	18.2



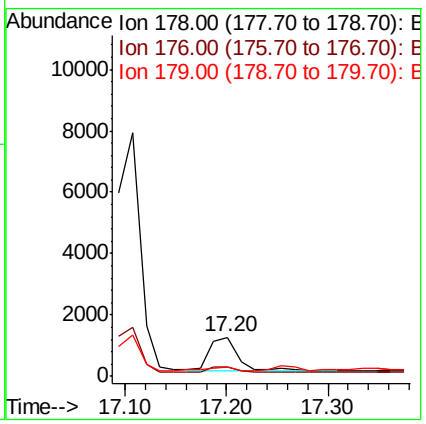


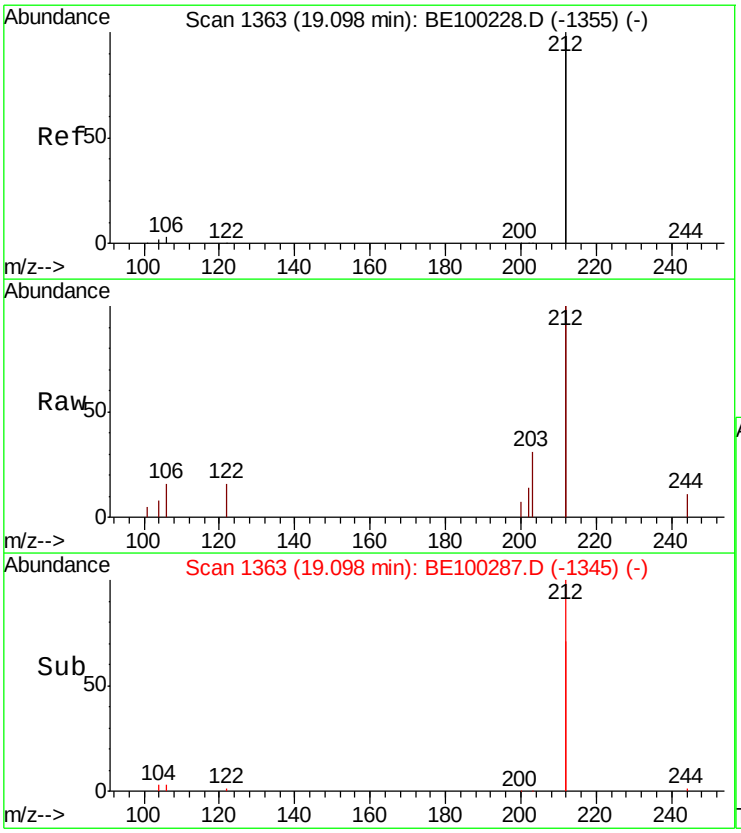
#24
Anthracene
Concen: 0.136 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:178 Resp: 2081

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.3	22.9
179	15.3	12.2	18.2

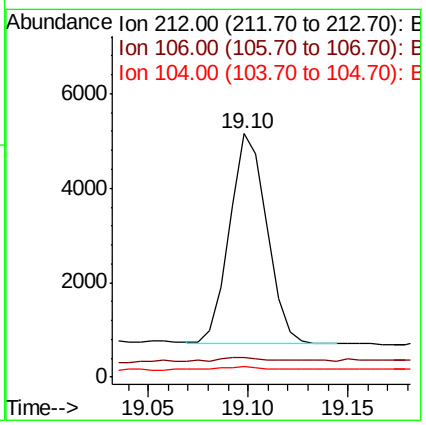


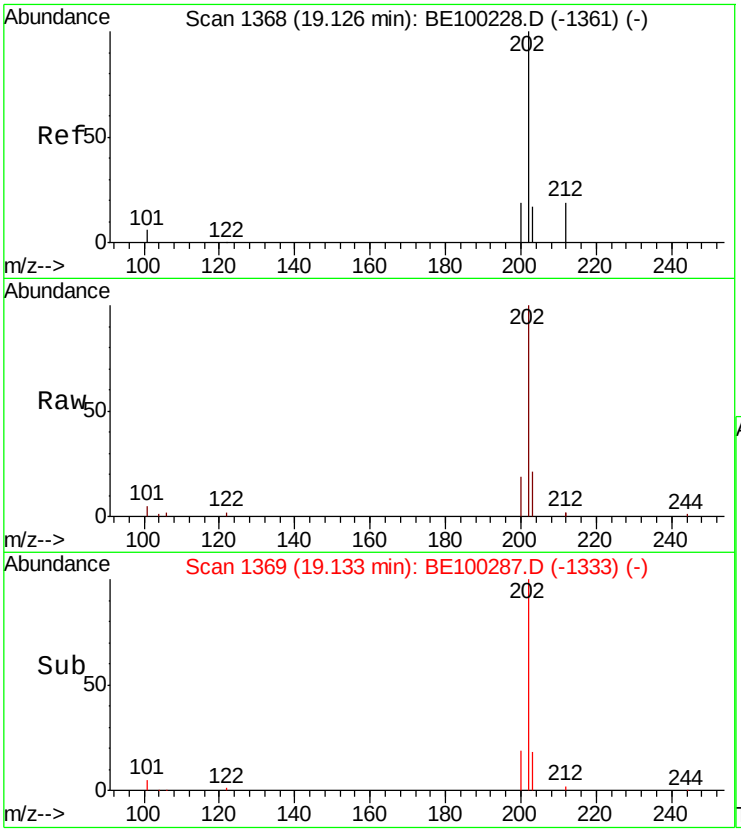


#25
Fluoranthene-d10
Concen: 0.057 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:212 Resp: 5761

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.3	1.9#
104	2.2	0.8	1.2#



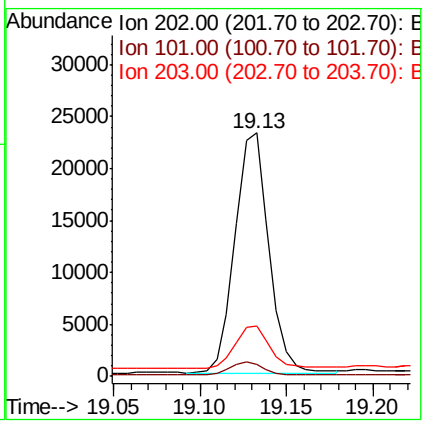


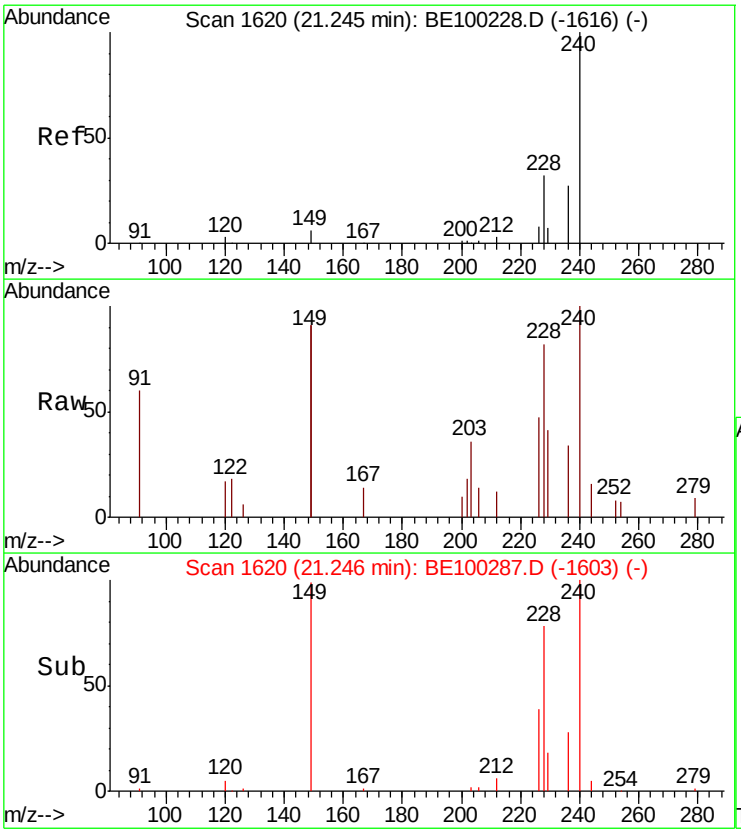
#26
Fluoranthene
Concen: 1.168 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:202 Resp: 31514

Ion	Ratio	Lower	Upper
202	100		
101	5.9	4.6	7.0
203	18.4	13.7	20.5

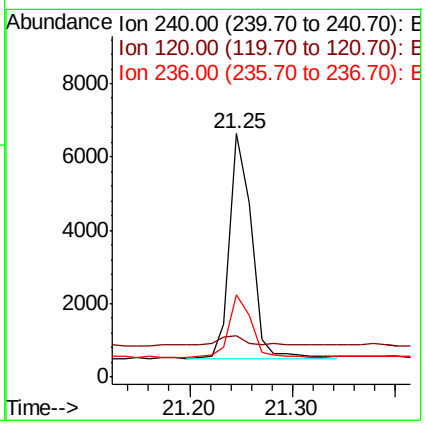


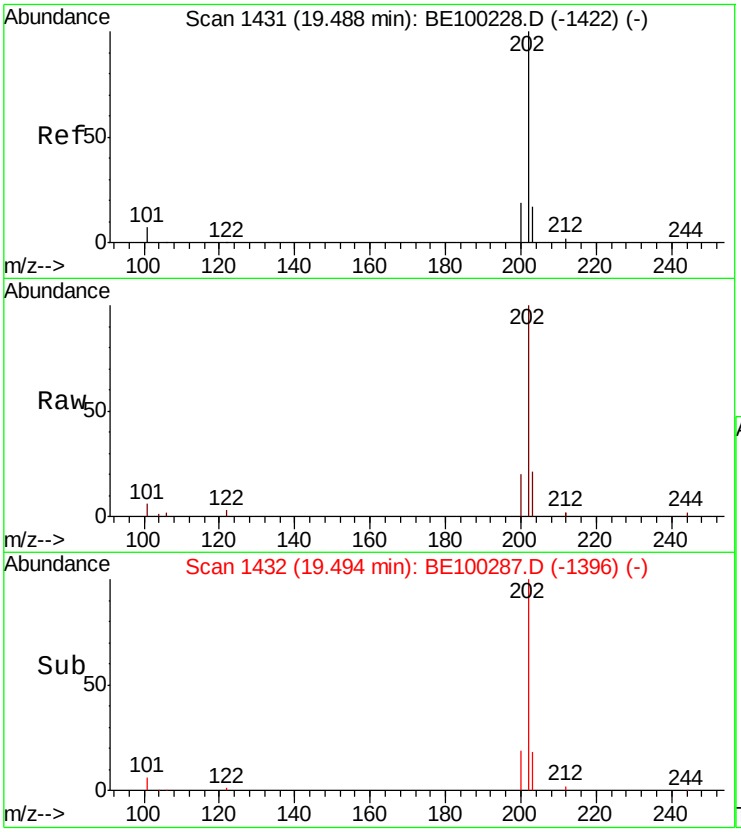


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:240 Resp: 9038

Ion	Ratio	Lower	Upper
240	100		
120	17.1	3.3	4.9#
236	33.7	22.6	34.0



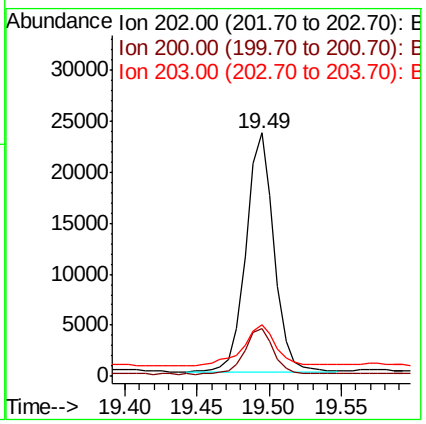


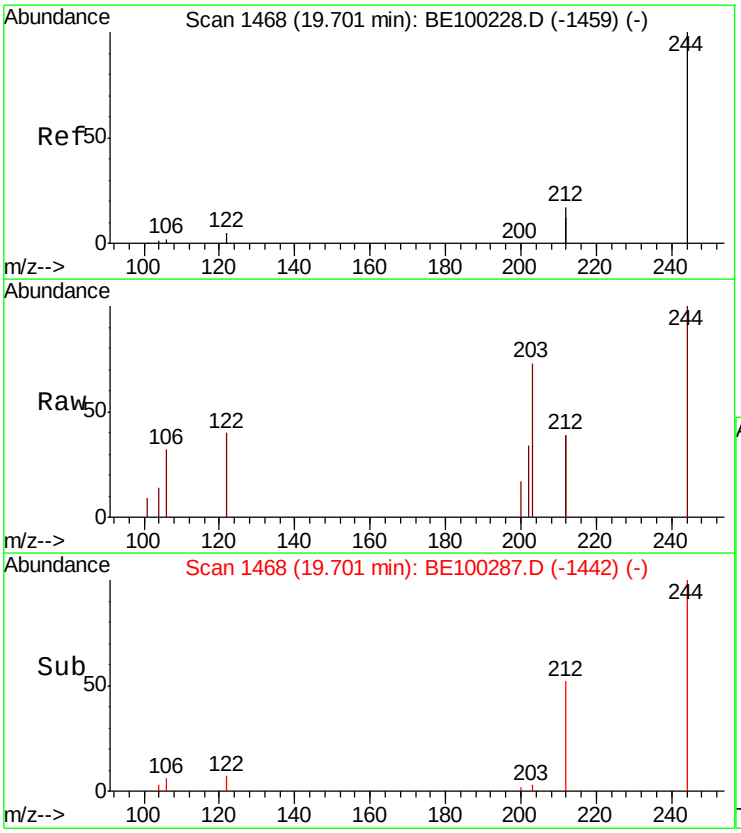
#28
Pyrene
Concen: 1.323 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:202 Resp: 31666

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	21.2	14.0	21.0#

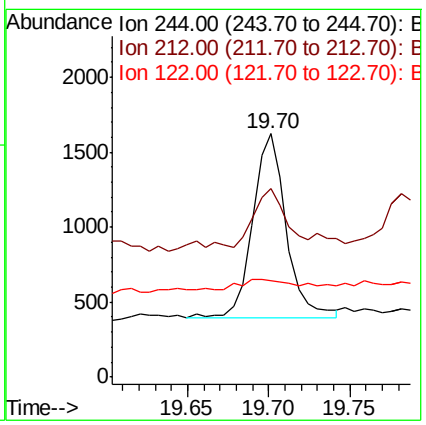


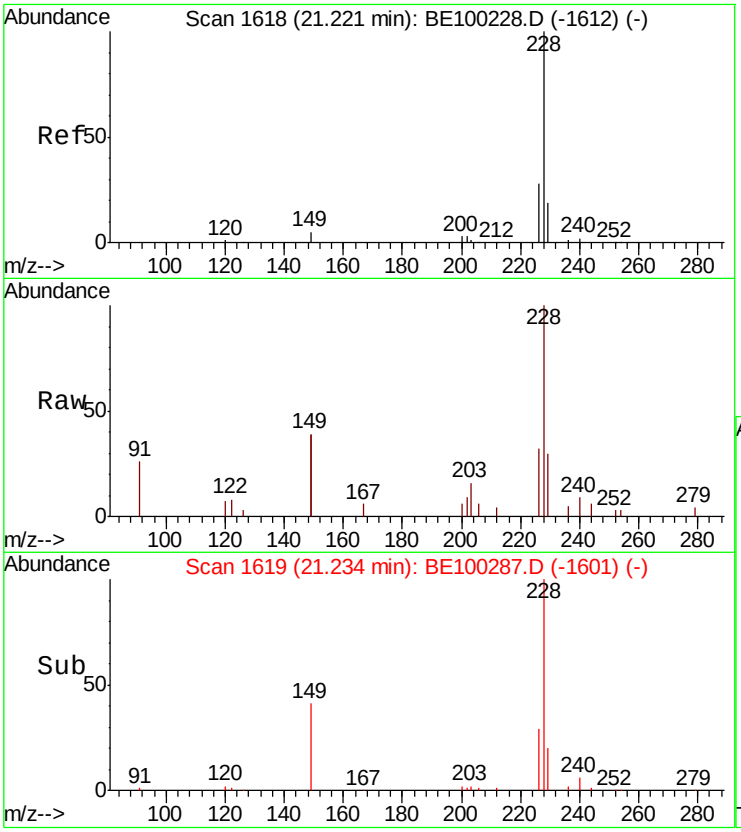


#29
Terphenyl-d14
Concen: 0.093 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:244 Resp: 1750

Ion	Ratio	Lower	Upper
244	100		
212	77.7	27.3	40.9#
122	39.7	4.7	7.1#



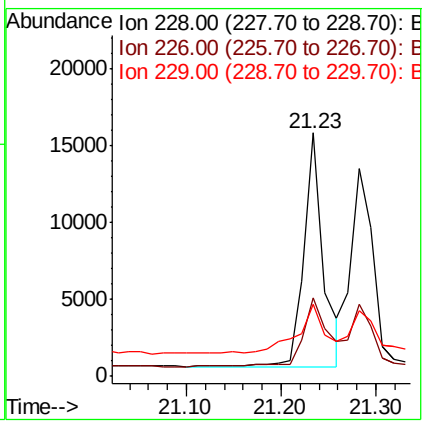


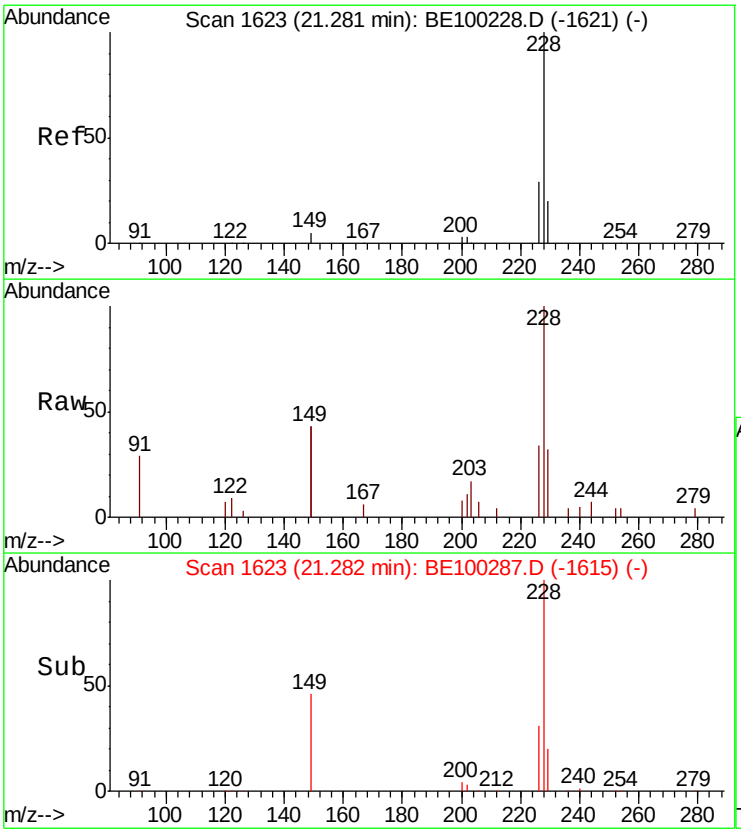
#30
Benzo(a)anthracene
Concen: 0.728 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:228 Resp: 21628

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.2	34.8
229	29.6	15.7	23.5#

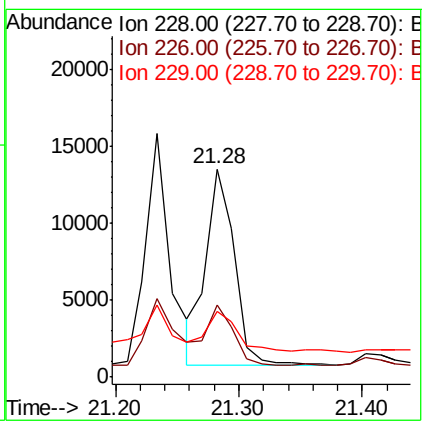


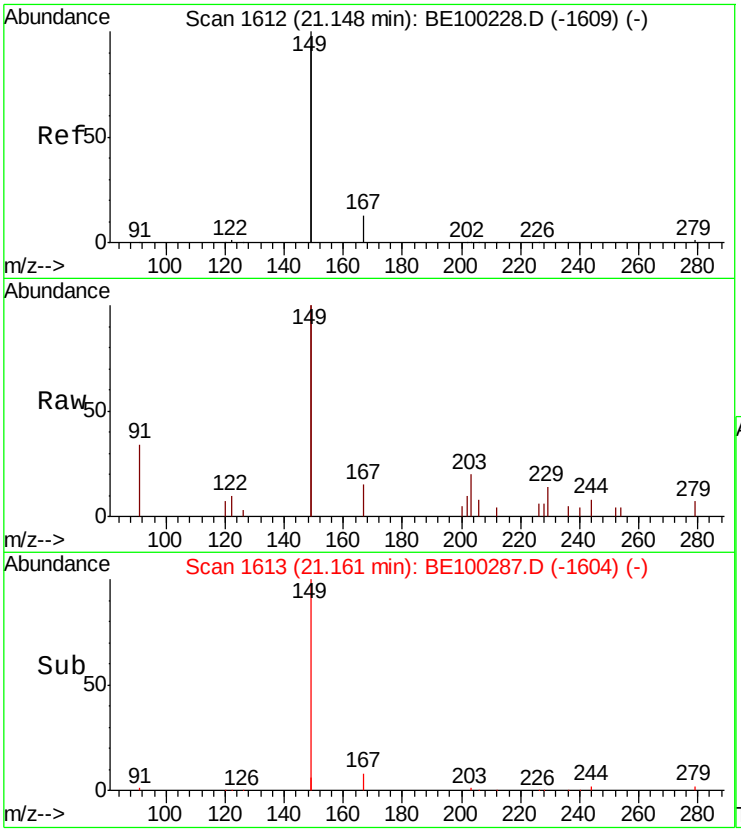


#31
Chrysene
Concen: 0.683 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:228 Resp: 20370

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.9	35.9
229	31.6	16.5	24.7#



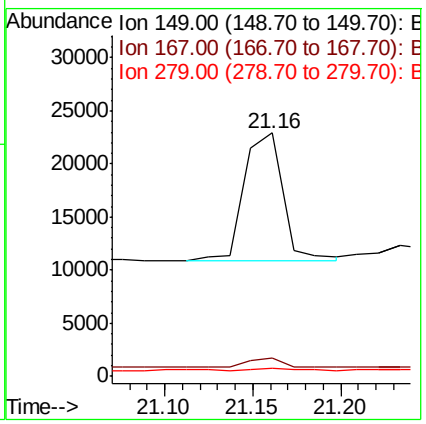


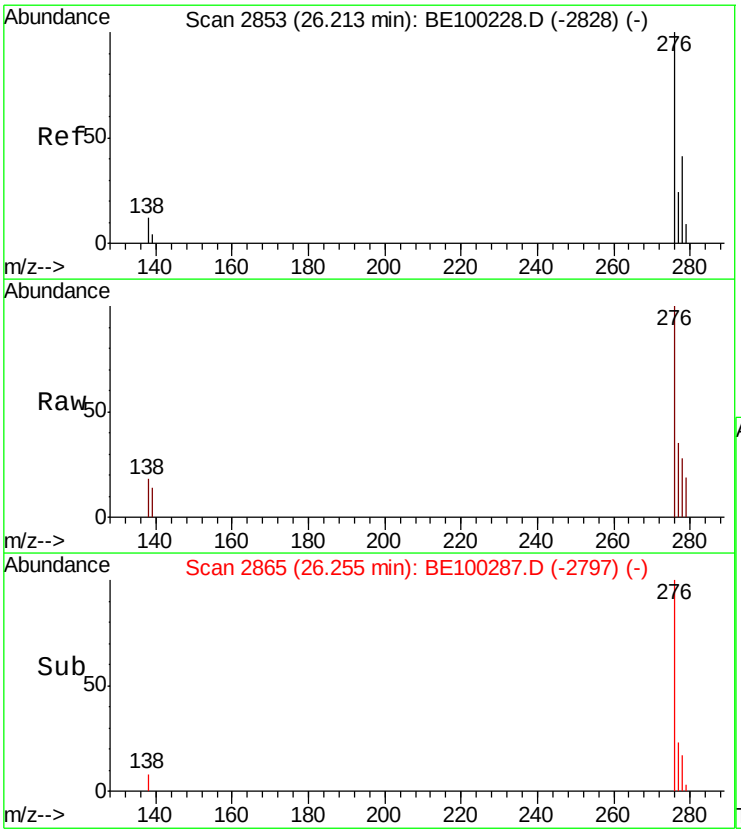
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.16 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:149 Resp: 18493

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.8	8.8
279	1.6	1.1	1.7

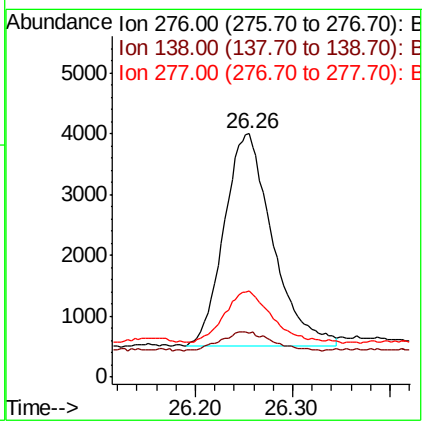


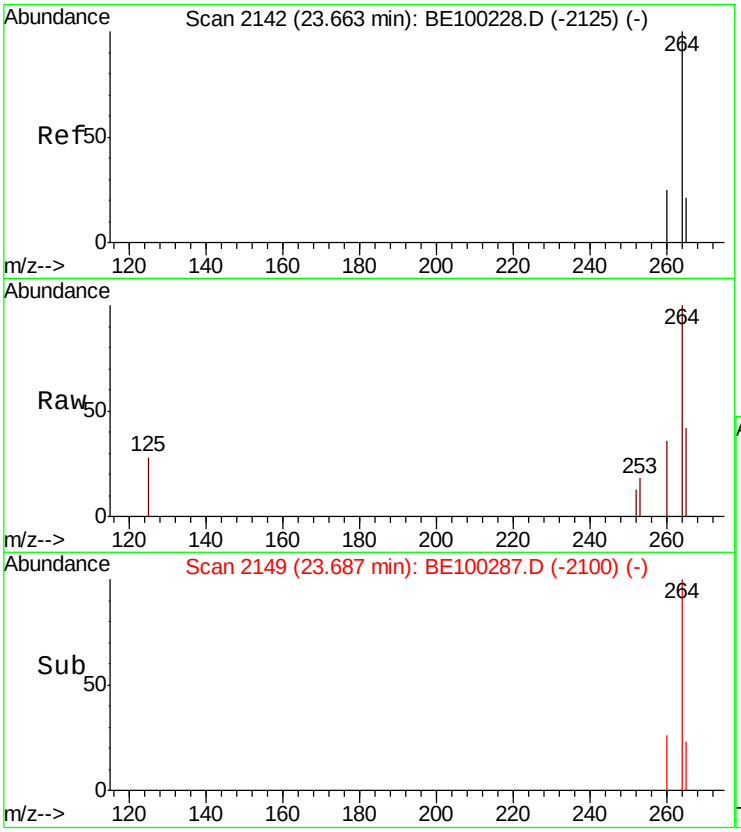


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng
RT: 26.26 min Scan# 2865
Delta R.T. 0.04 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:276 Resp: 12042

Ion	Ratio	Lower	Upper
276	100		
138	9.3	9.4	14.0#
277	22.8	19.2	28.8



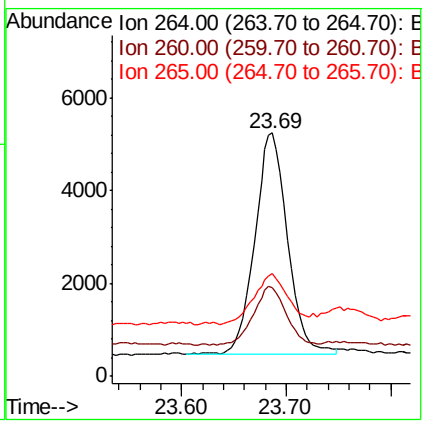


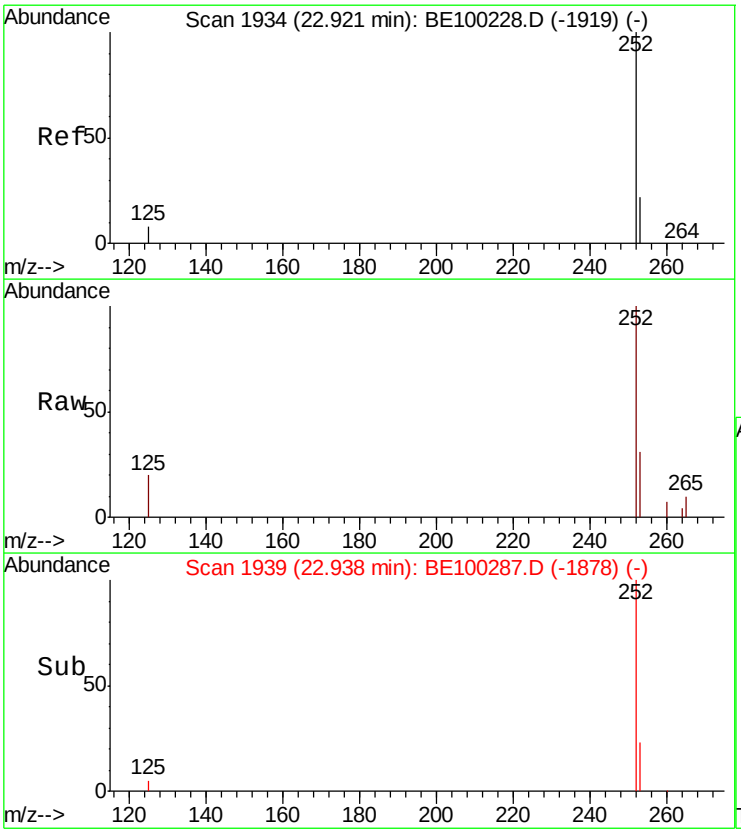
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. 0.02 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:264 Resp: 10313

Ion	Ratio	Lower	Upper
264	100		
260	36.3	20.8	31.2#
265	42.2	21.8	32.6#

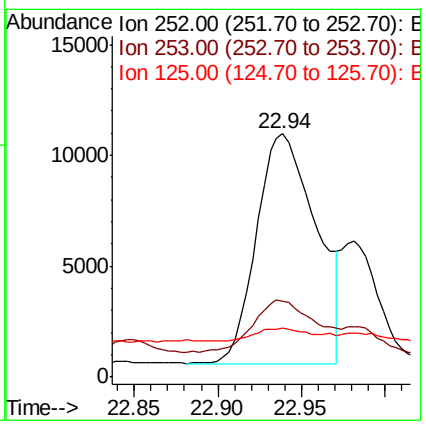


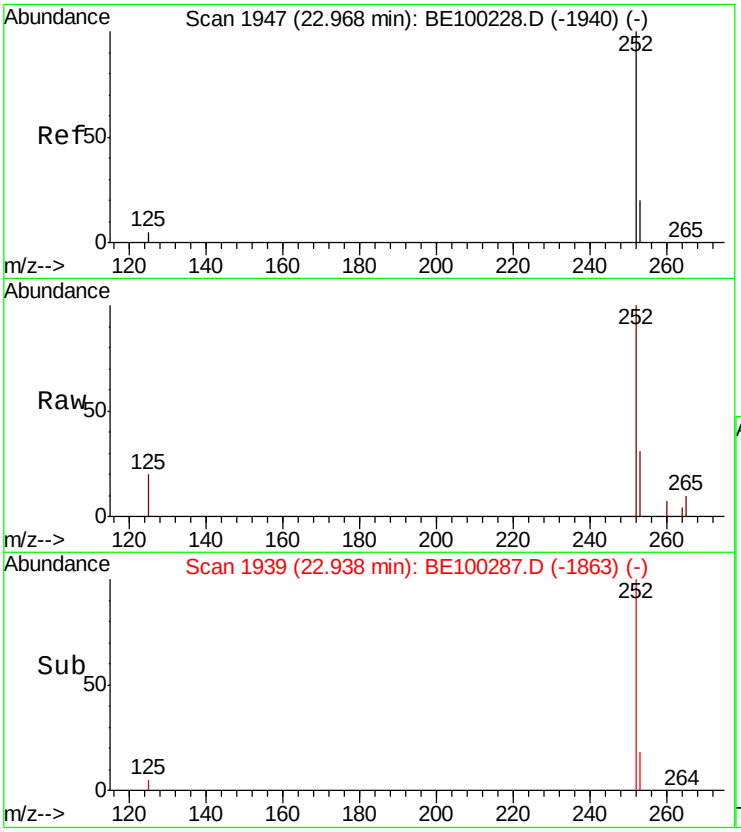


#35
Benzo(b)fluoranthene
Concen: 0.921 ng
RT: 22.94 min Scan# 1939
Delta R.T. 0.02 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:252 Resp: 25745

Ion	Ratio	Lower	Upper
252	100		
253	31.2	19.2	28.8#
125	20.0	7.4	11.0#



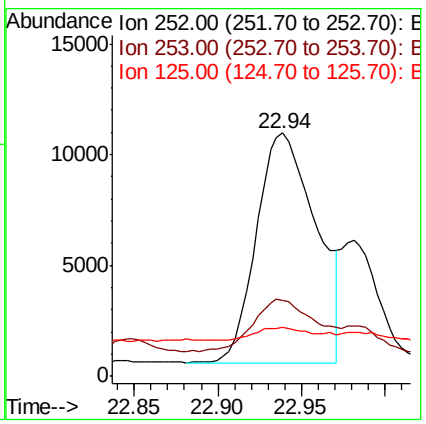


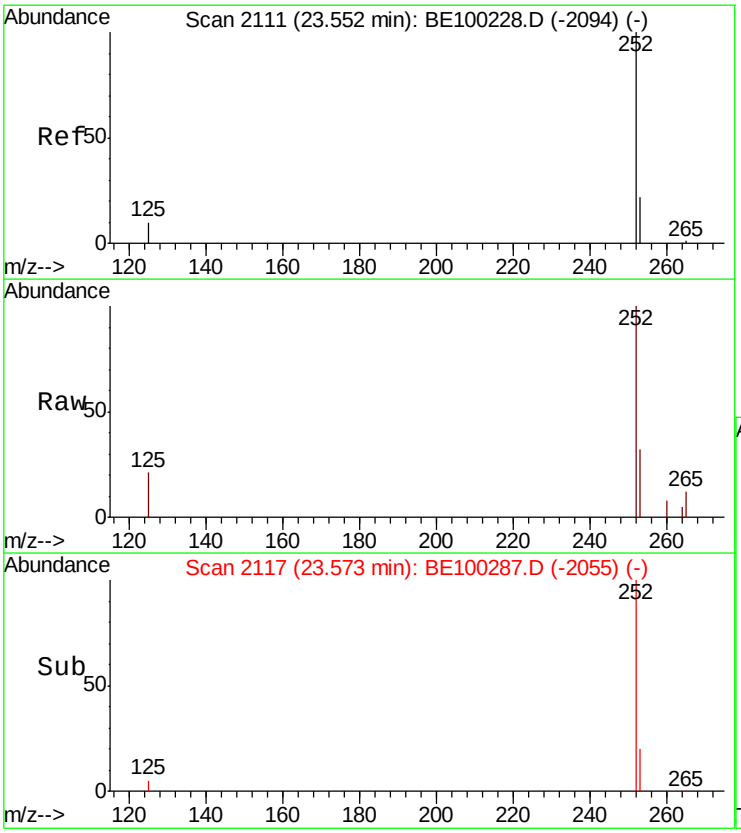
#36
Benzo(k)fluoranthene
Concen: 0.825 ng
RT: 22.94 min Scan# 1939
Delta R.T. -0.03 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:252 Resp: 25745

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.9	26.9#
125	20.0	5.0	7.4#

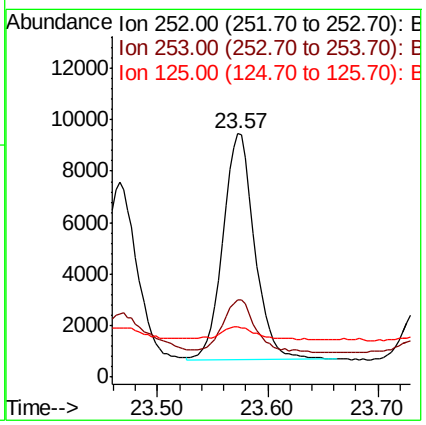


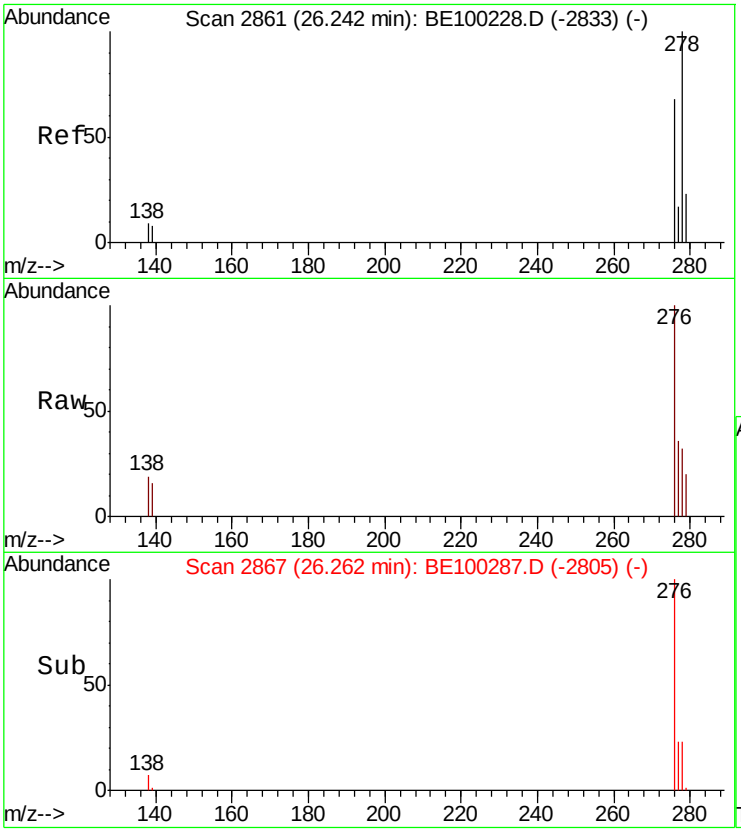


#37
Benzo(a)pyrene
Concen: 0.632 ng
RT: 23.57 min Scan# 2117
Delta R.T. 0.02 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:252 Resp: 17701

Ion	Ratio	Lower	Upper
252	100		
253	31.8	19.6	29.4#
125	20.5	9.0	13.6#



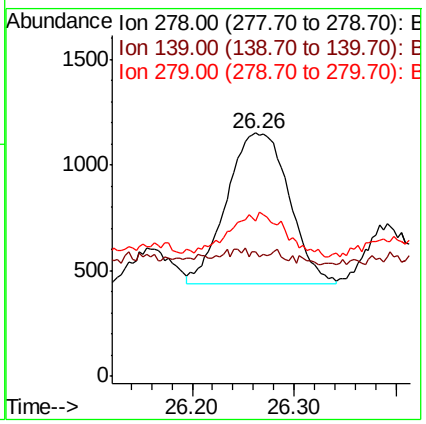


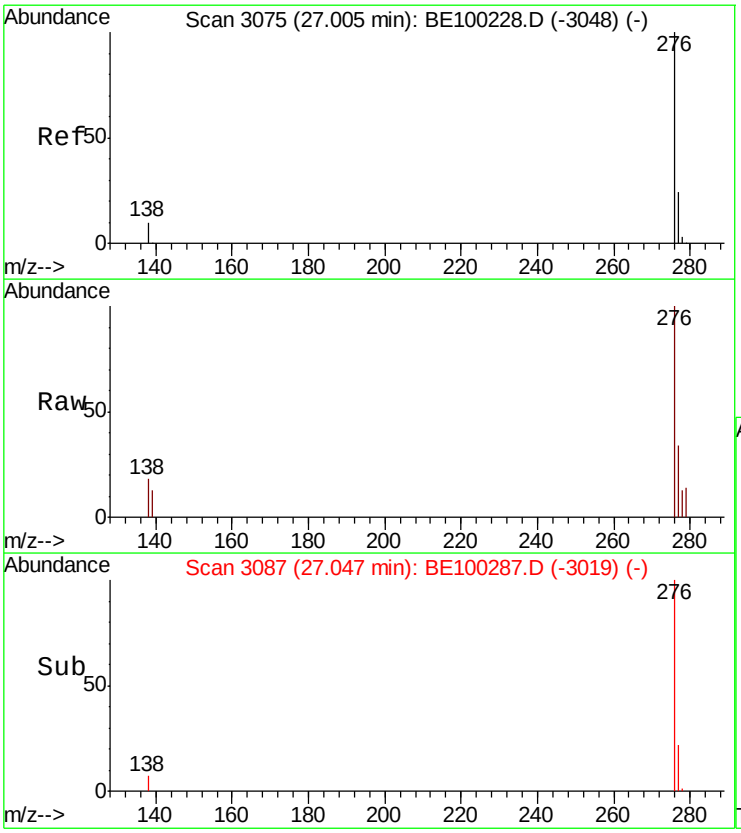
#38
Dibenzo(a,h)anthracene
Concen: 0.104 ng
RT: 26.26 min Scan# 2867
Delta R.T. 0.02 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW122-061719

Tgt Ion:278 Resp: 3044

Ion	Ratio	Lower	Upper
278	100		
139	51.1	8.2	12.2#
279	63.7	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.460 ng
RT: 27.05 min Scan# 3087
Delta R.T. 0.04 min
Lab File: BE100287.D
Acq: 2 Jul 2019 5:22

Tgt Ion:276 Resp: 13844

Ion	Ratio	Lower	Upper
276	100		
277	34.2	20.2	30.2#
138	17.6	9.0	13.6#