Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100396.D
Acq On : 6 Jul 2019 00:38
Operator : JU/SJ
Sample : K3558-10 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-032-SW172-062519

Quant Time: Jul 06 03:31:30 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	7.63	152	585	0.40	ng		-0.01
7) Naphthalene-d8	10.42	136	2123	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1651	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5117	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	6620	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8400	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	74	0.05	ng		-0.02
5) Phenol-d6	6.84	99	39	0.02	ng		0.00
8) Nitrobenzene-d5	8.85	82	65	0.03	ng		0.03
11) 2-Methylnaphthalene-d10	12.04	152	190	0.05	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	54	0.05	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	271	0.04	ng		-0.01
25) Fluoranthene-d10	19.08	212	2427	0.03	ng		-0.02
29) Terphenyl-d14	19.68	244	521	0.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	30	0.033	ng	#	65
3) n-Nitrosodimethylamine	3.42	42	21	0.050	ng	#	4
9) Naphthalene	10.47	128	1420	0.061	ng	#	84
12) 2-Methylnaphthalene	12.12	142	144	0.035	ng	#	74
16) Acenaphthylene	14.02	152	1106	0.140	ng		97
17) Acenaphthene	14.37	154	148	0.033	ng		86
18) Fluorene	15.35	166	311	0.047	ng	#	91
23) Phenanthrene	17.09	178	13199	1.064	ng		99
24) Anthracene	17.17	178	1296	0.116	ng	#	89
26) Fluoranthene	19.11	202	33744	1.708	ng		99
28) Pyrene	19.47	202	51396	2.932	ng		96
30) Benzo(a)anthracene	21.21	228	24853	1.142	ng		95
31) Chrysene	21.27	228	35213	1.611	ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	3821	0.067	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.20	276	14990	0.519	ng	#	93
35) Benzo(b)fluoranthene	22.91	252	28947	1.271	ng	#	98
36) Benzo(k)fluoranthene	22.91	252	28947	1.139	ng		98
37) Benzo(a)pyrene	23.70	252	4149	0.182	ng		92
38) Dibenzo(a,h)anthracene	26.22	278	3765	0.158	ng	#	73
39) Benzo(g,h,i)perylene	26.99	276	17491	0.714	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100396.D
Acq On : 6 Jul 2019 00:38
Operator : JU/SJ
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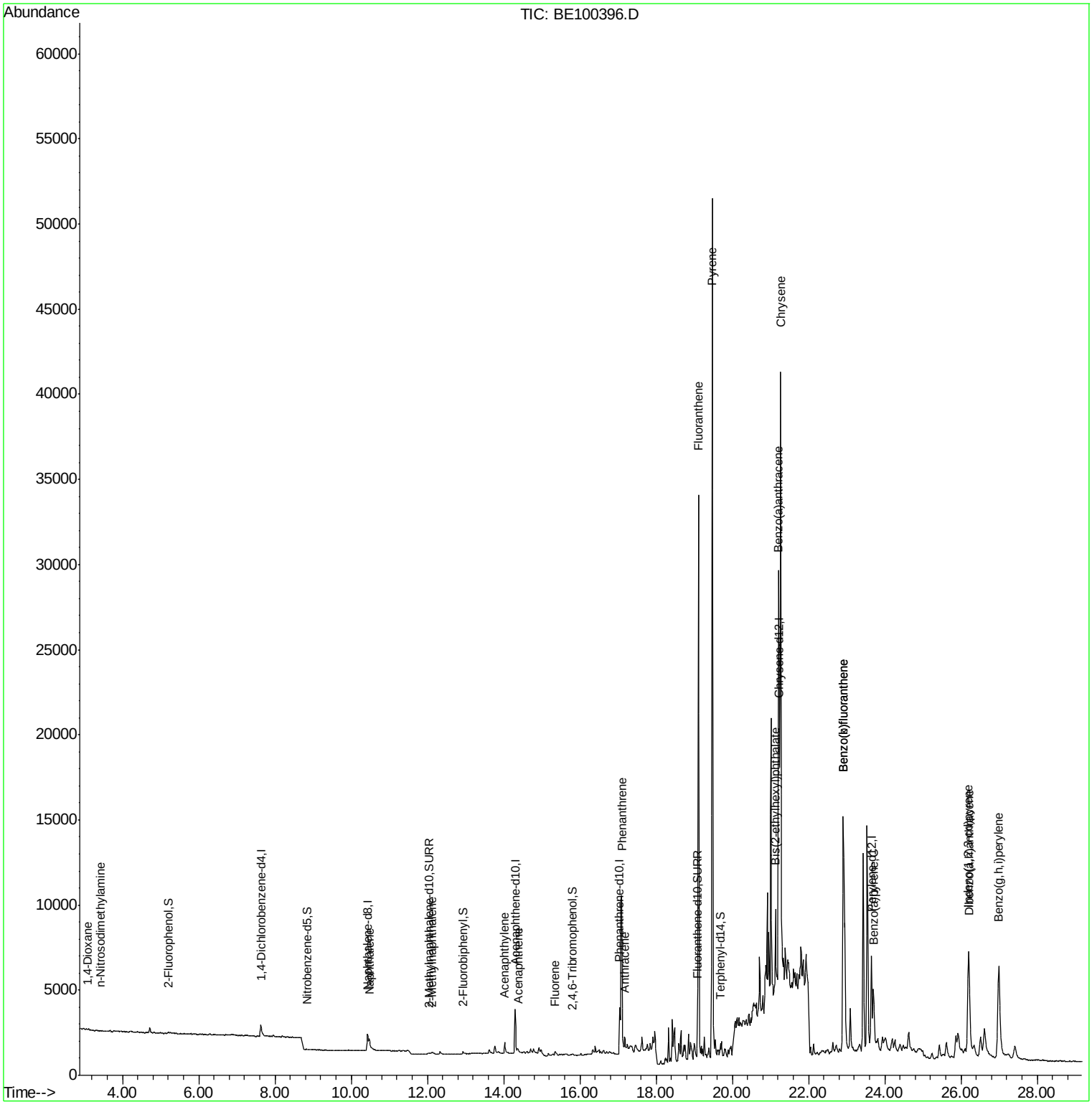
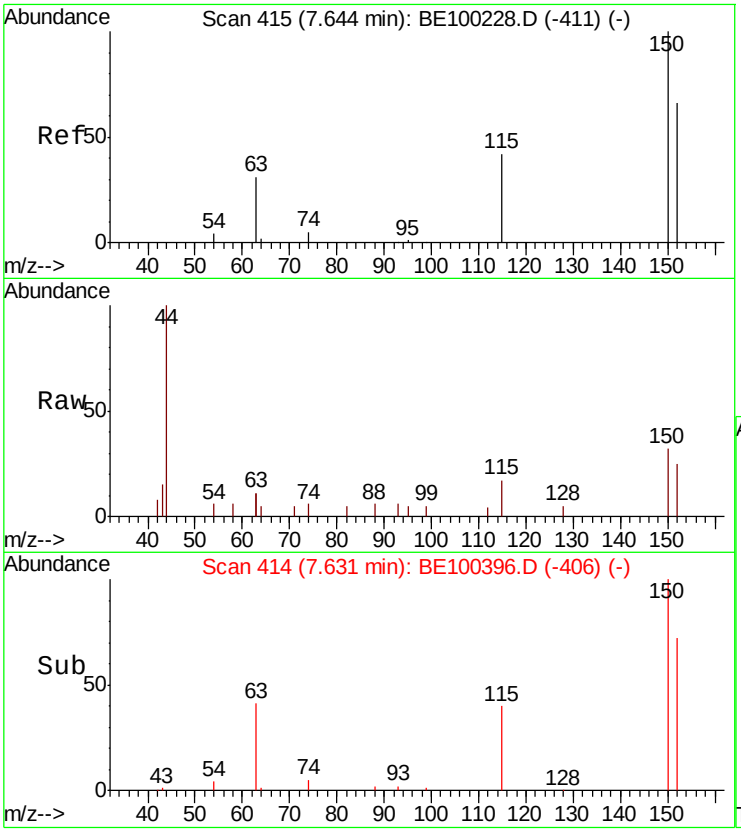
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Quant Time: Jul 06 03:31:30 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



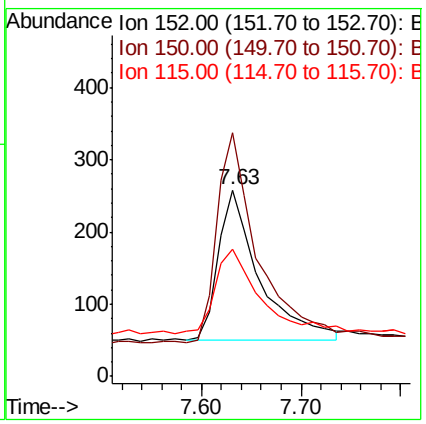


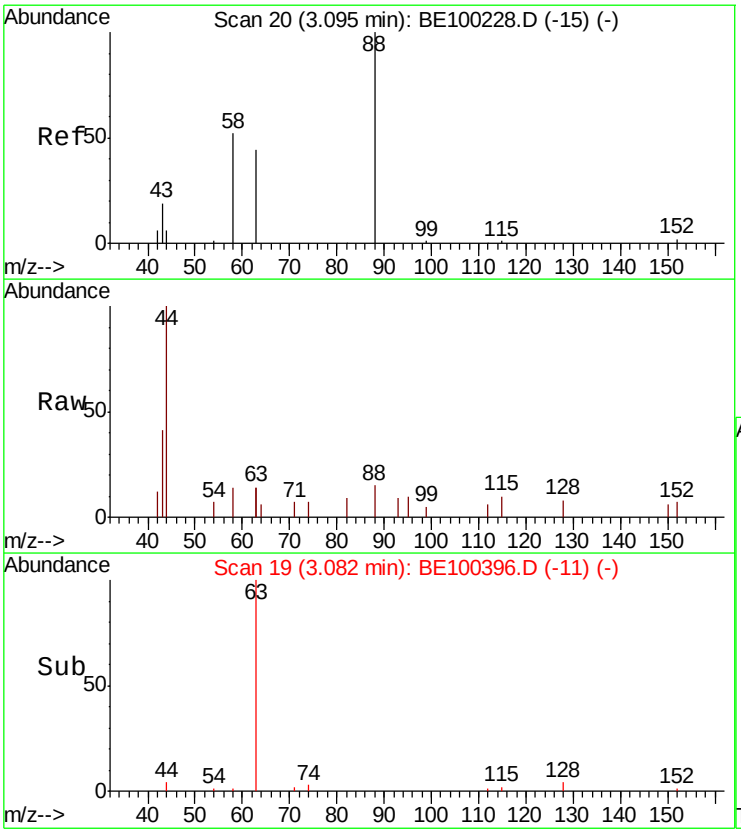
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:152 Resp: 585

Ion	Ratio	Lower	Upper
152	100		
150	130.6	114.5	171.7
115	68.2	57.1	85.7

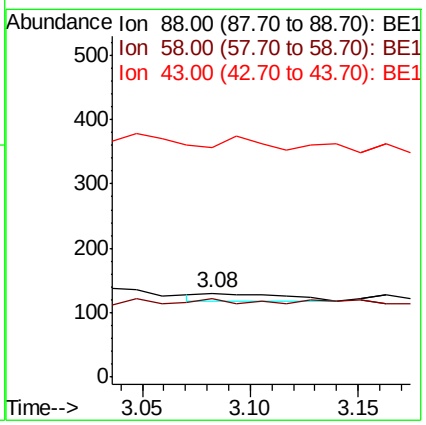


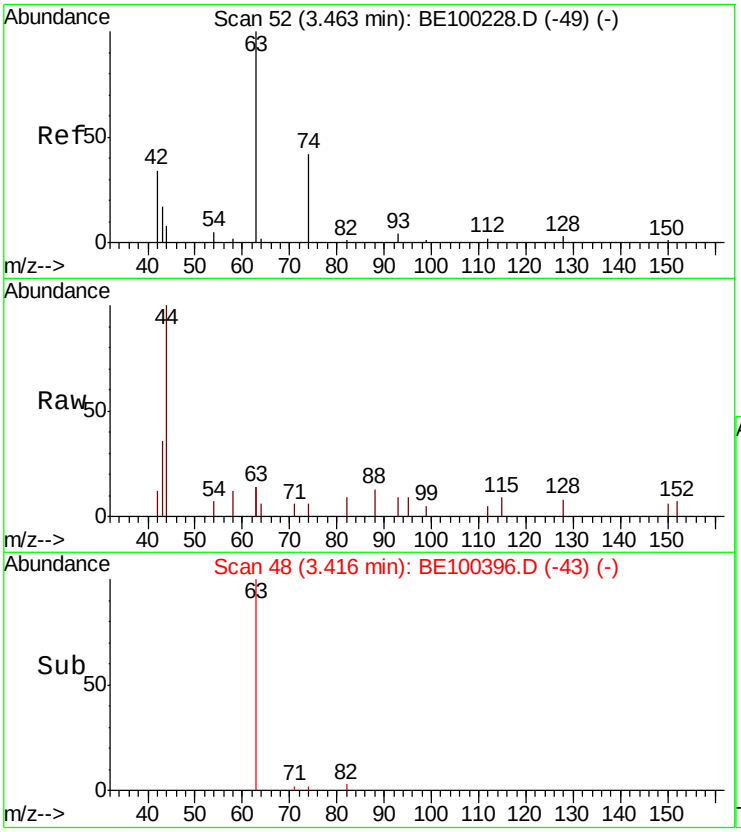


#2
1,4-Dioxane
Concen: 0.033 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
58	46.7	43.6	65.4
43	70.0	21.4	32.0#



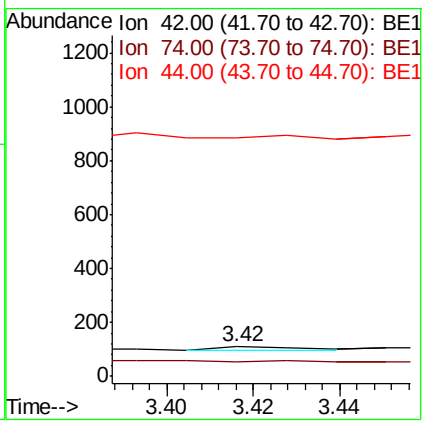


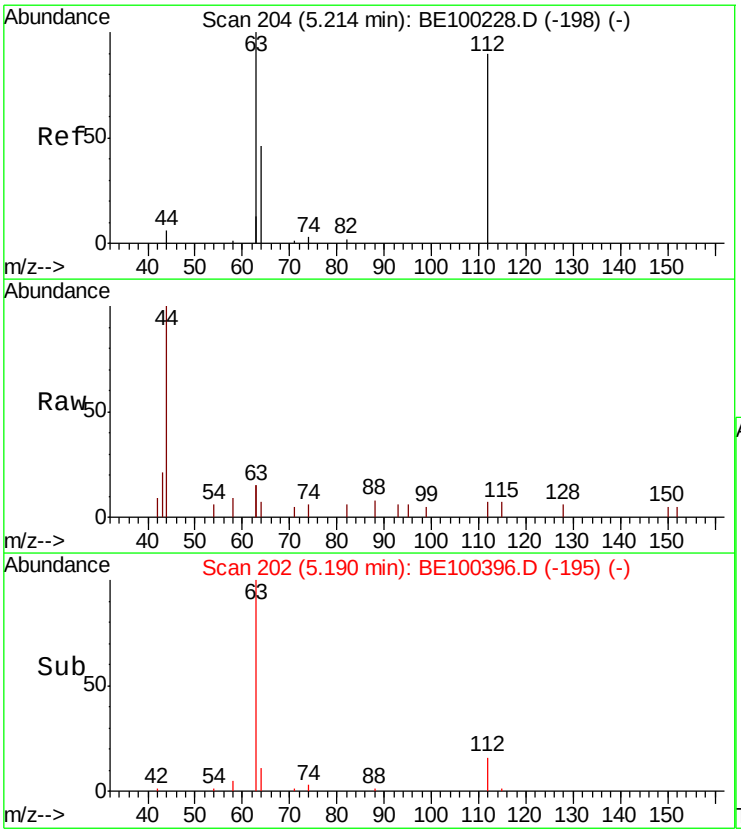
#3
n-Nitrosodimethylamine
Concen: 0.050 ng
RT: 3.42 min Scan# 48
Delta R.T. -0.05 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	0.0	130.6	196.0#
44	42.9	38.0	57.0

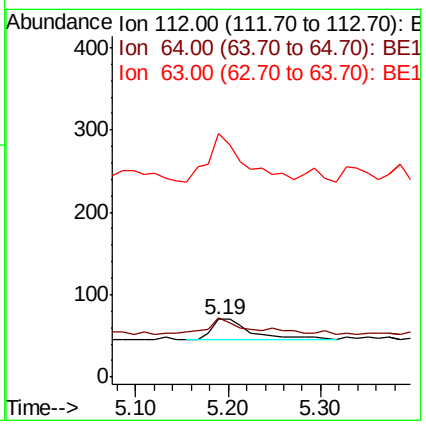


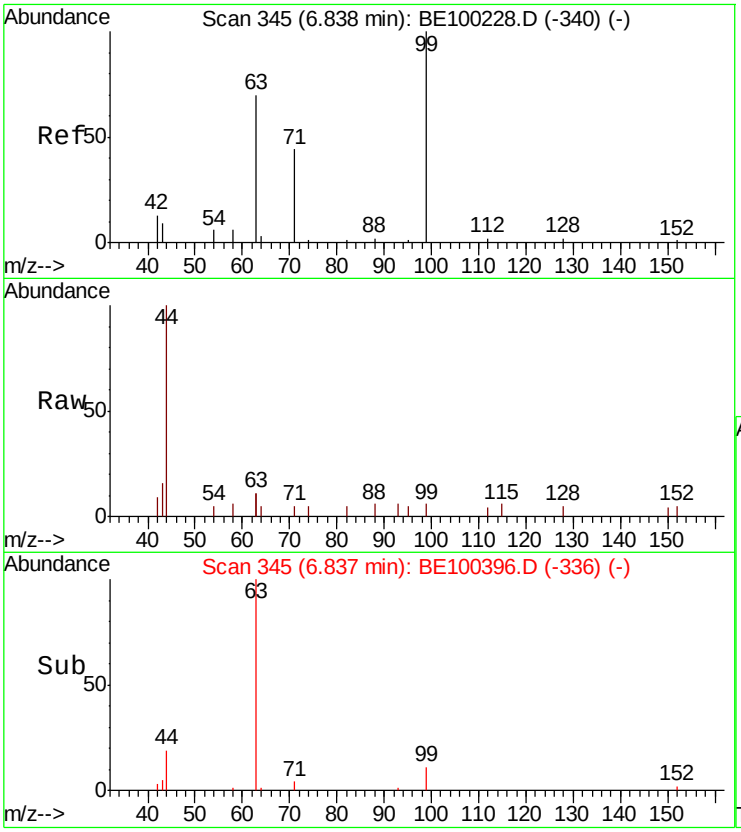


#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:112 Resp: 74

Ion	Ratio	Lower	Upper
112	100		
64	63.5	39.4	59.0#
63	218.9	104.5	156.7#



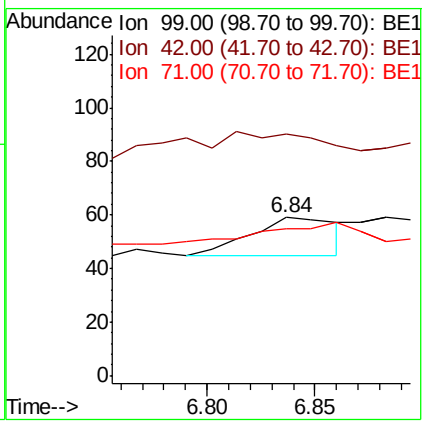


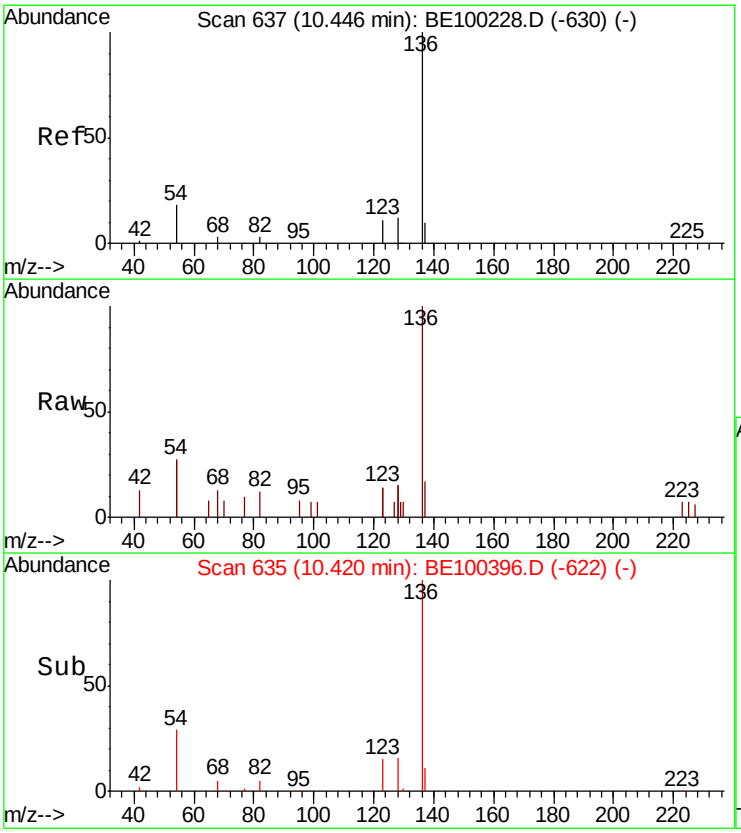
#5
Phenol-d6
Concen: 0.020 ng
RT: 6.84 min Scan# 345
Delta R.T. -0.00 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion: 99 Resp: 39

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

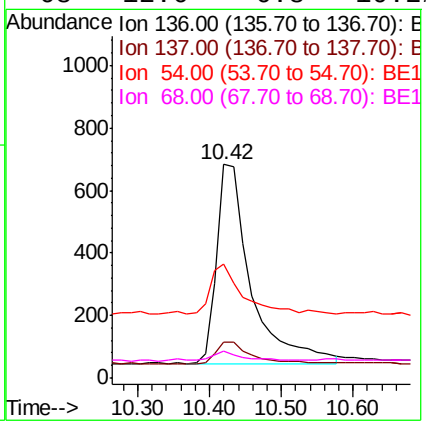


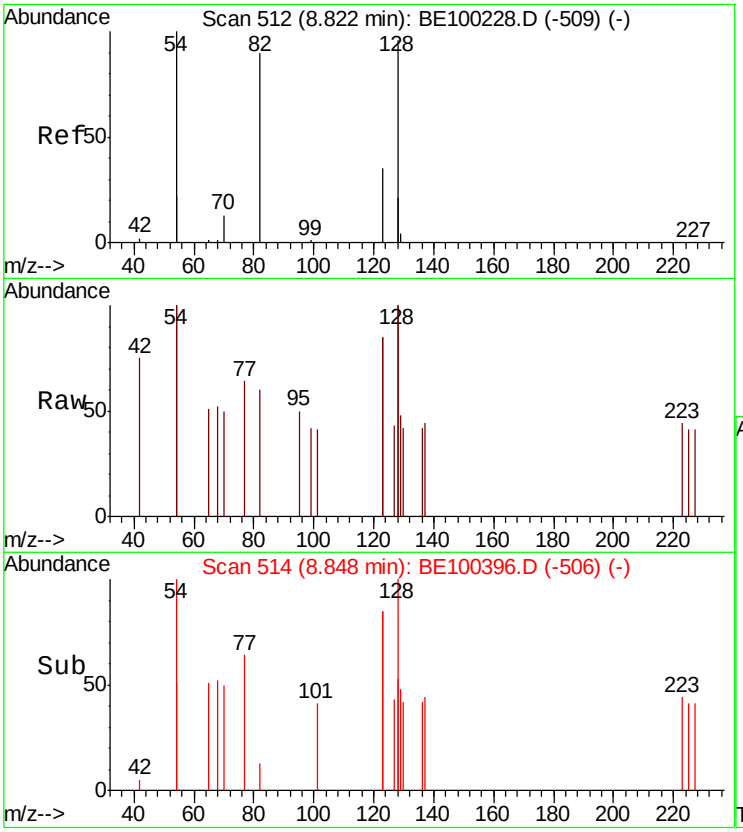


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:136 Resp: 2123

Ion	Ratio	Lower	Upper
136	100		
137	16.5	11.8	17.8
54	53.2	27.7	41.5#
68	12.6	6.8	10.2#



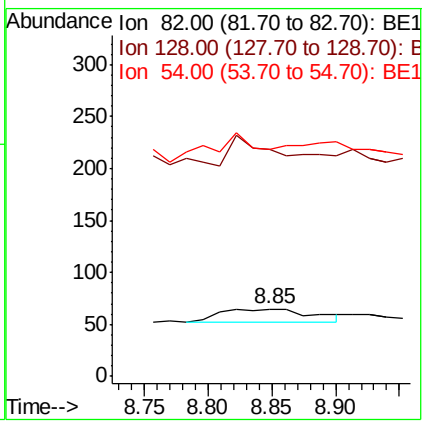


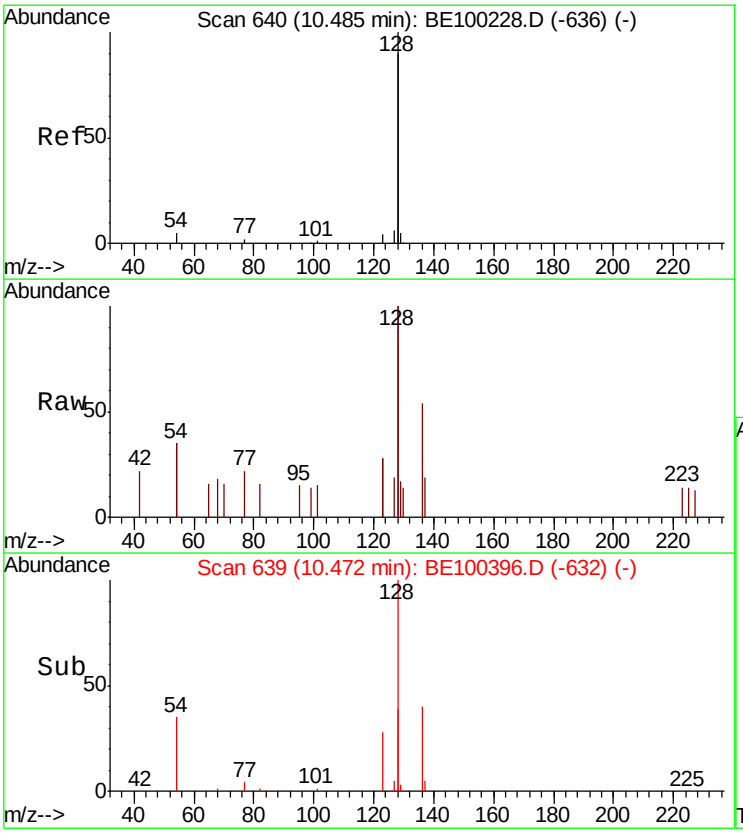
#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 8.85 min Scan# 514
Delta R.T. 0.03 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion: 82 Resp: 65

Ion	Ratio	Lower	Upper
82	100		
128	335.4	140.9	211.3#
54	335.4	146.2	219.2#

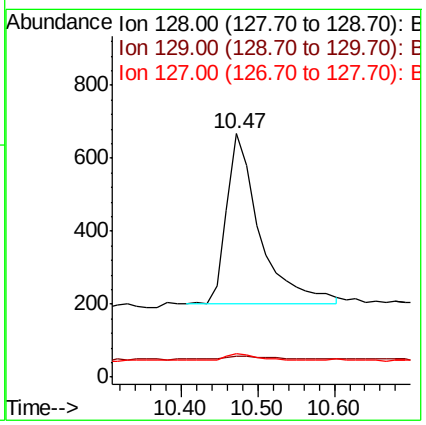


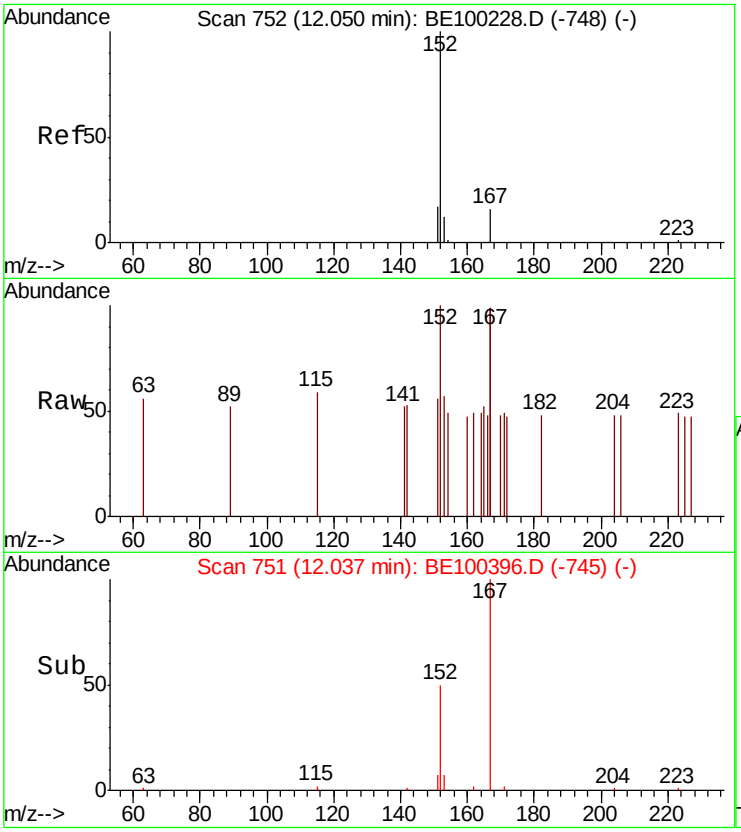


#9
Naphthalene
Concen: 0.061 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:128 Resp: 1420

Ion	Ratio	Lower	Upper
128	100		
129	8.7	3.0	4.6#
127	9.7	3.5	5.3#



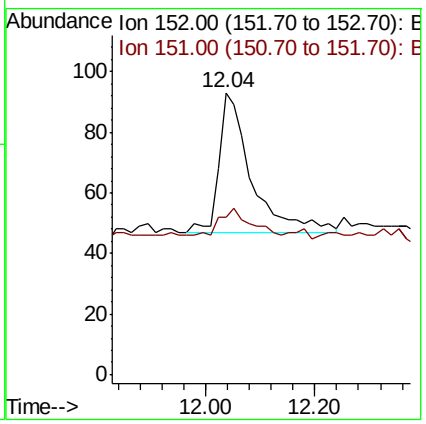


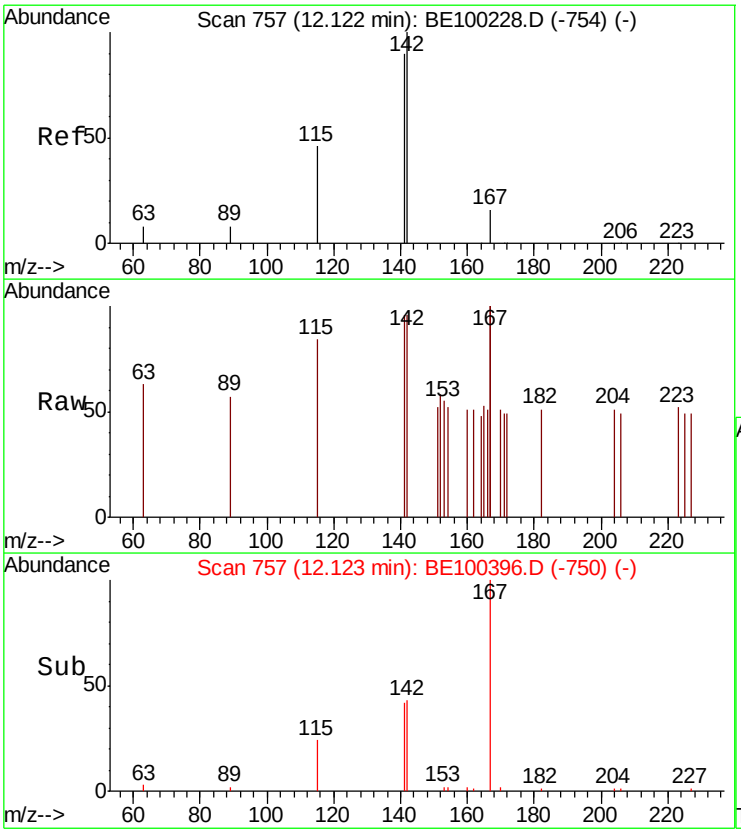
#11
2-Methylnaphthalene-d10
Concen: 0.048 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:152 Resp: 190

Ion	Ratio	Lower	Upper
152	100		
151	17.4	15.1	22.7

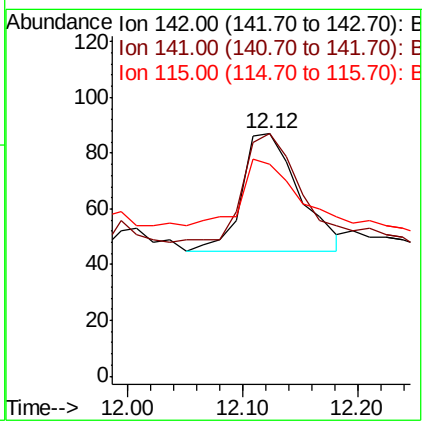


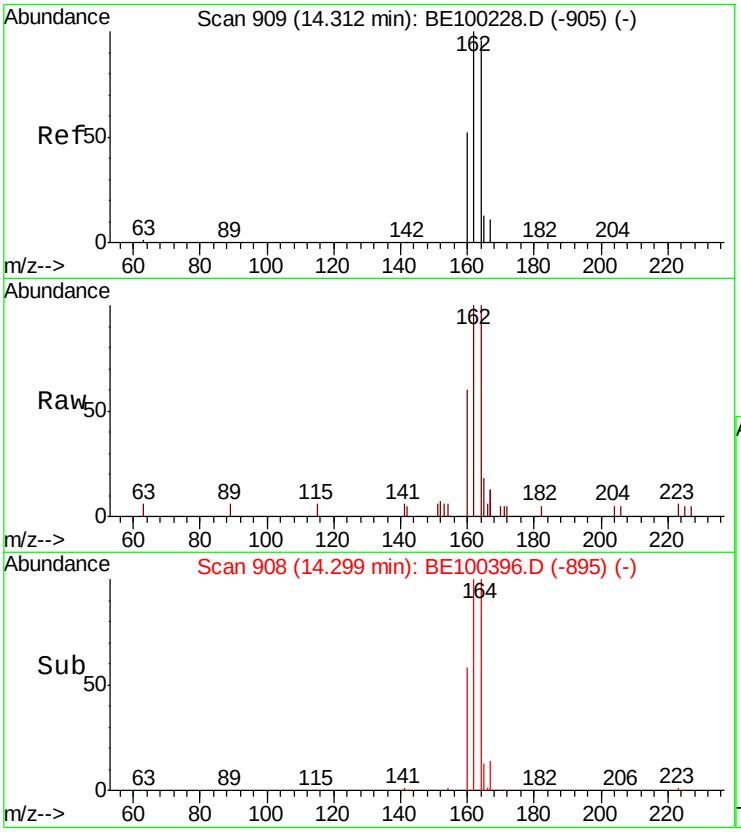


#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:142 Resp: 144

Ion	Ratio	Lower	Upper
142	100		
141	100.0	72.4	108.6
115	87.4	40.4	60.6#



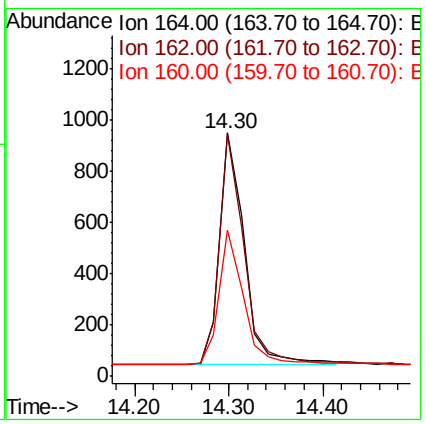


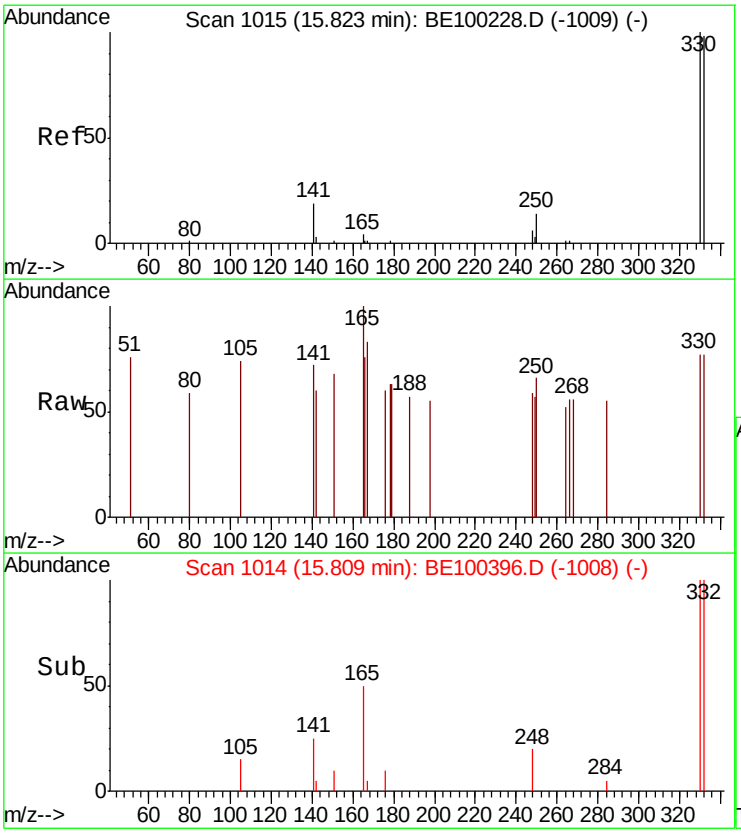
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:164 Resp: 1651

Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.4	125.0
160	60.3	45.0	67.6

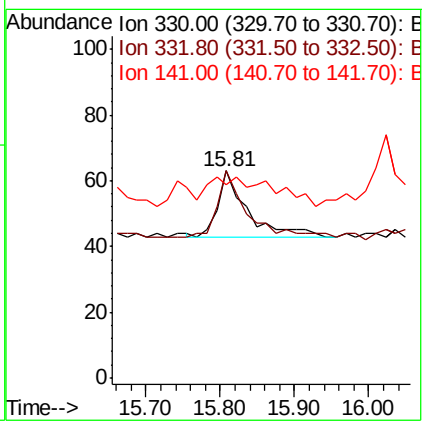


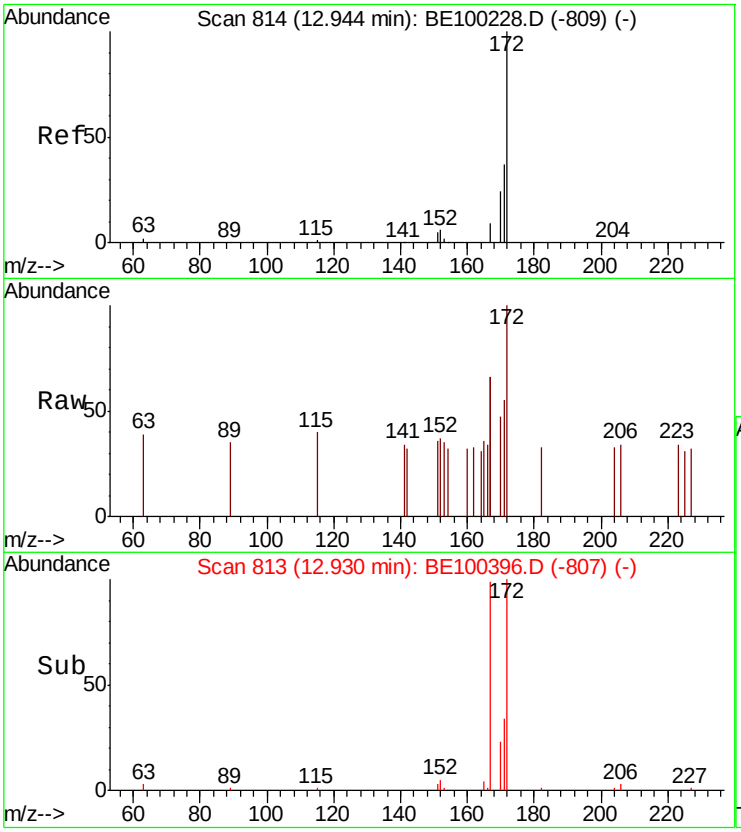


#14
2,4,6-Tribromophenol
Concen: 0.047 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:330 Resp: 54

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.4
141	103.7	22.0	33.0#



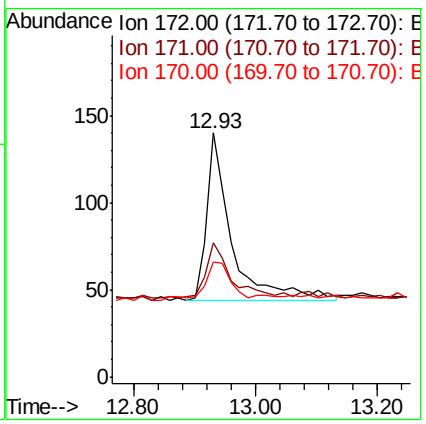


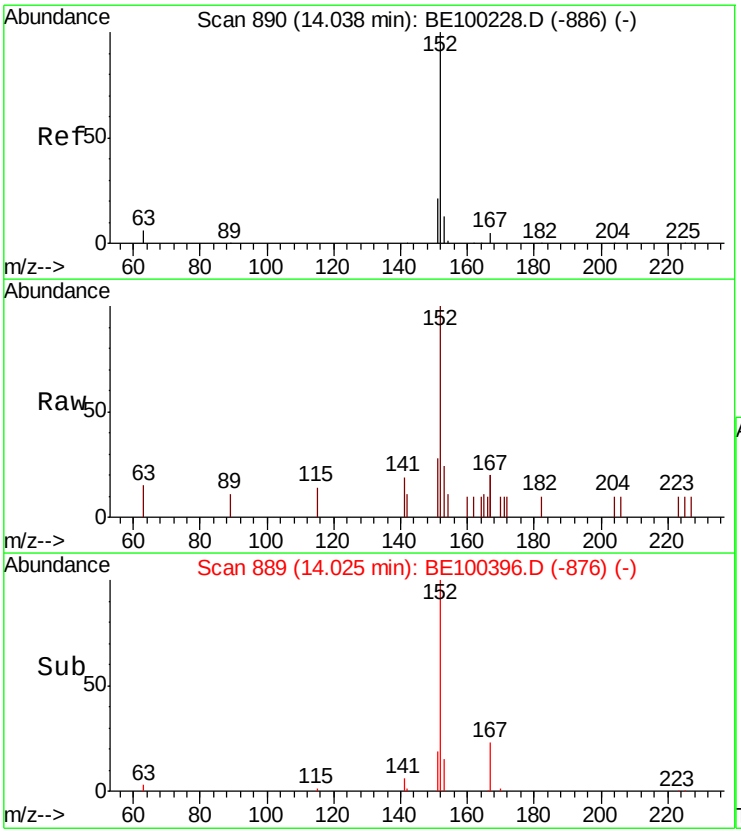
#15
2-Fluorobiphenyl
Concen: 0.042 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:172 Resp: 271

Ion	Ratio	Lower	Upper
172	100		
171	55.0	31.9	47.9#
170	47.1	22.2	33.2#

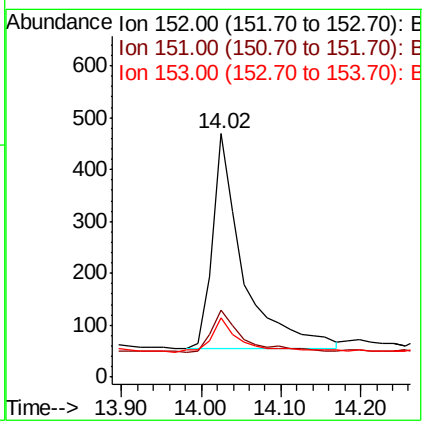


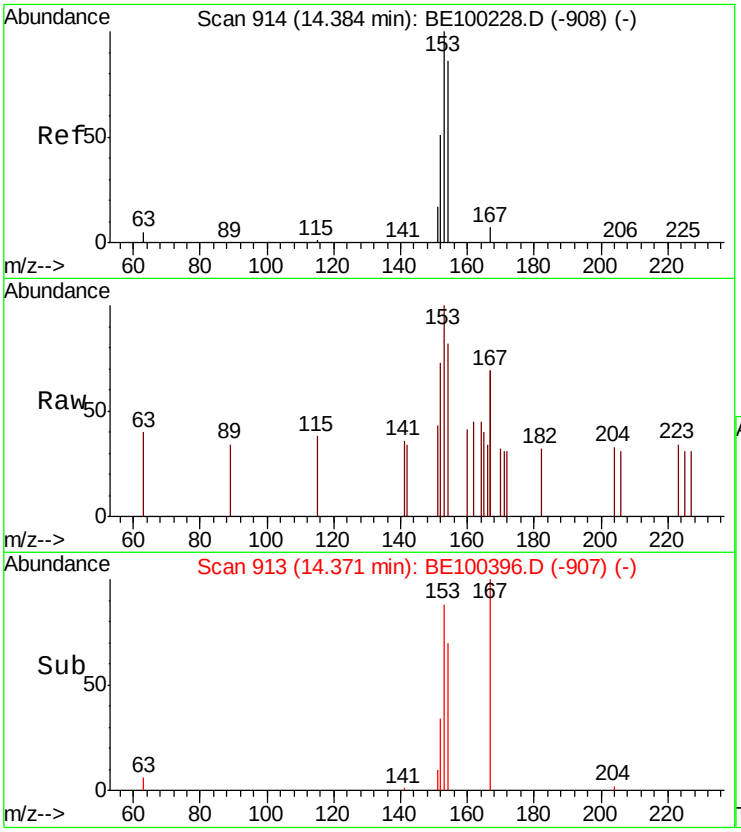


#16
Acenaphthylene
Concen: 0.140 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:152 Resp: 1106

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	25.0
153	15.3	10.5	15.7



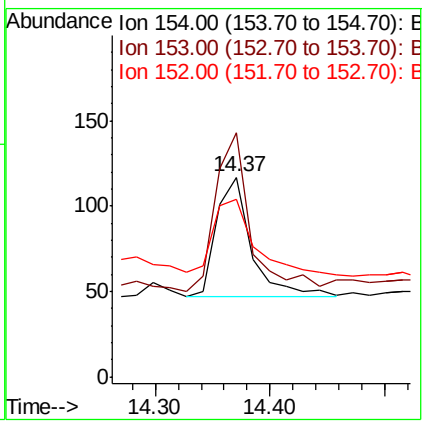


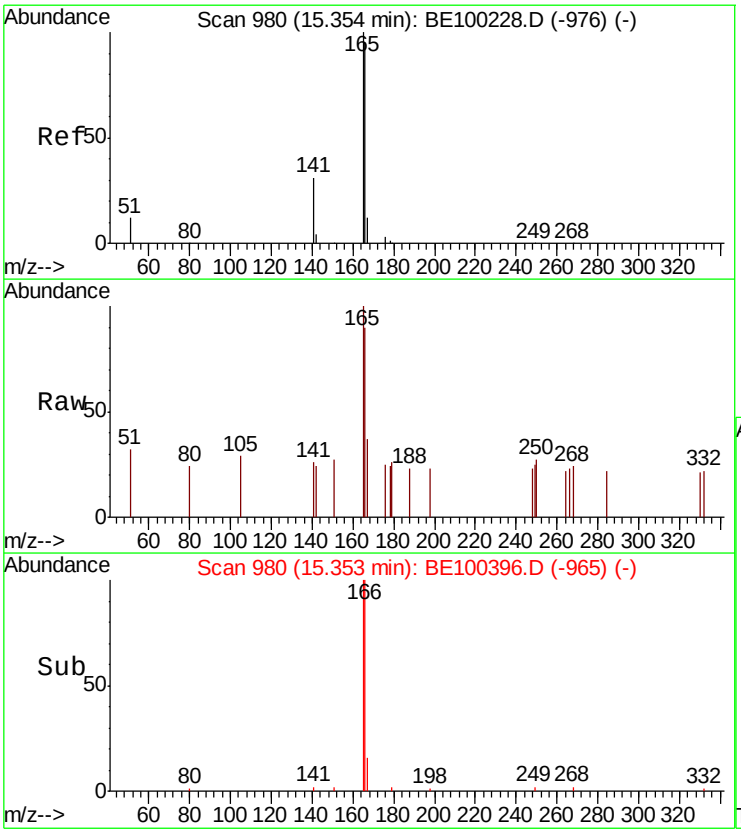
#17
Acenaphthene
Concen: 0.033 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:154 Resp: 148

Ion	Ratio	Lower	Upper
154	100		
153	133.1	93.4	140.2
152	72.3	49.4	74.2

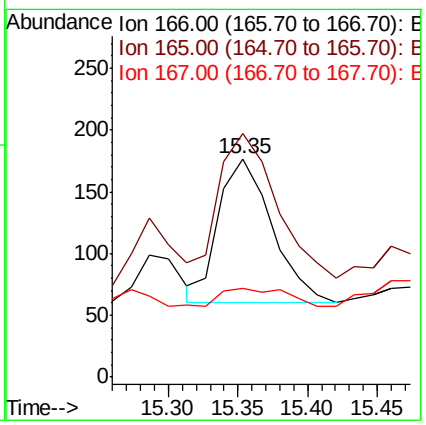


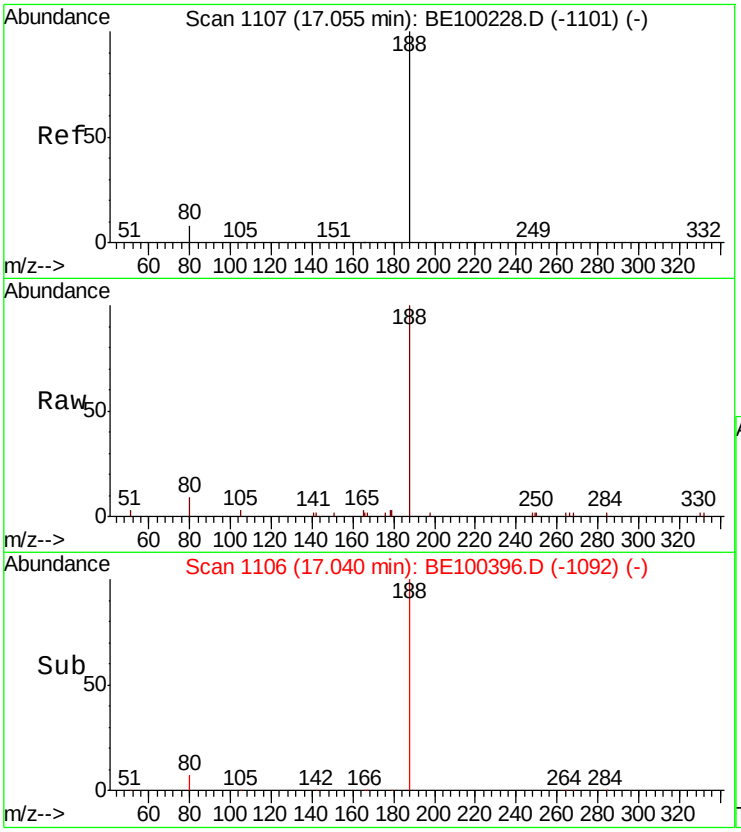


#18
Fluorene
Concen: 0.047 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:166 Resp: 311

Ion	Ratio	Lower	Upper
166	100		
165	110.3	81.1	121.7
167	17.4	10.7	16.1#



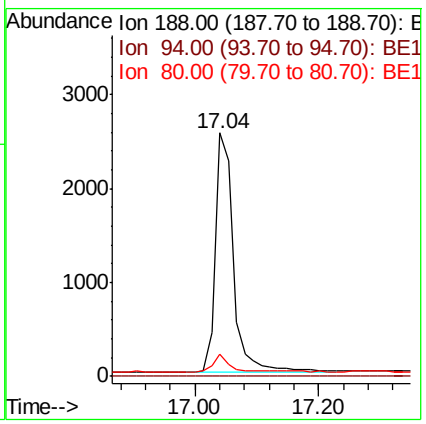


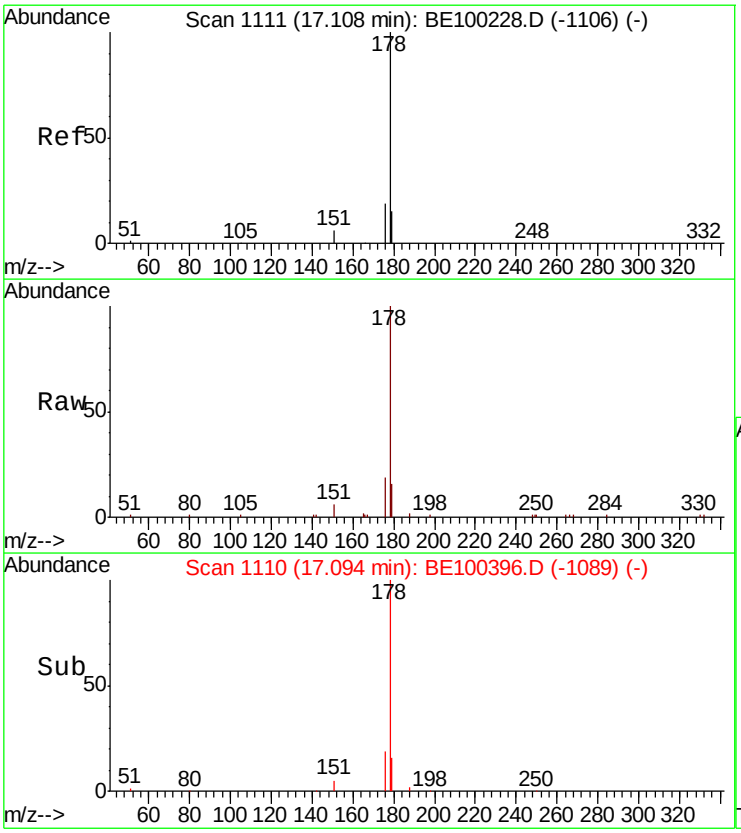
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:188 Resp: 5117

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.6	11.4

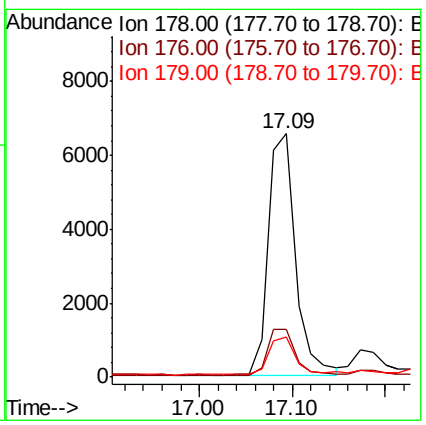


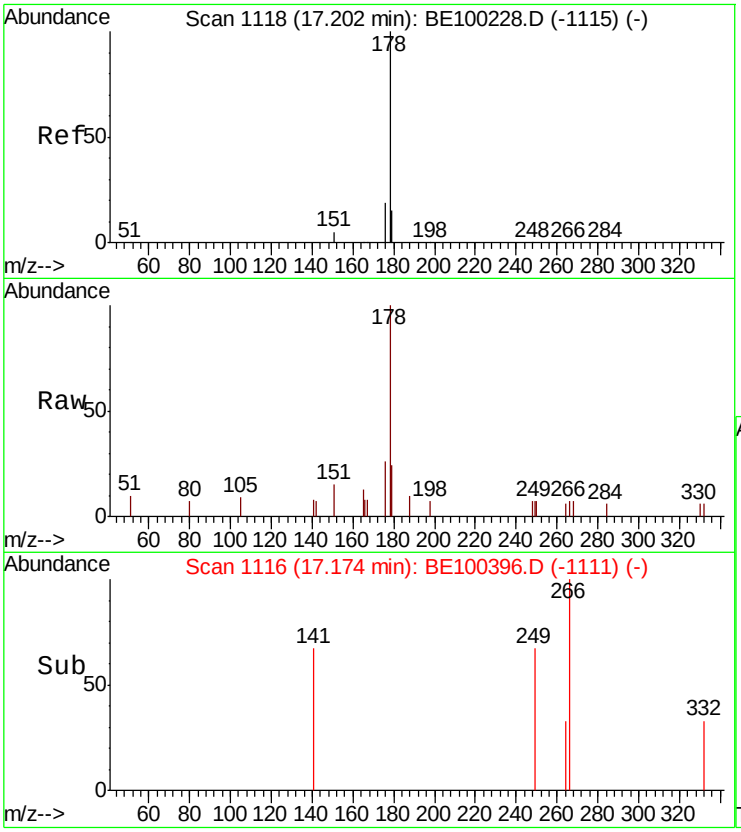


#23
Phenanthrene
Concen: 1.064 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:178 Resp: 13199

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.0	12.2	18.2



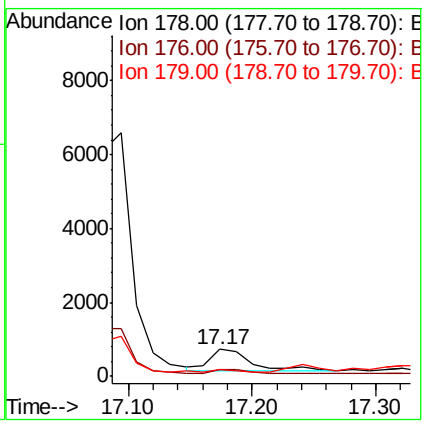


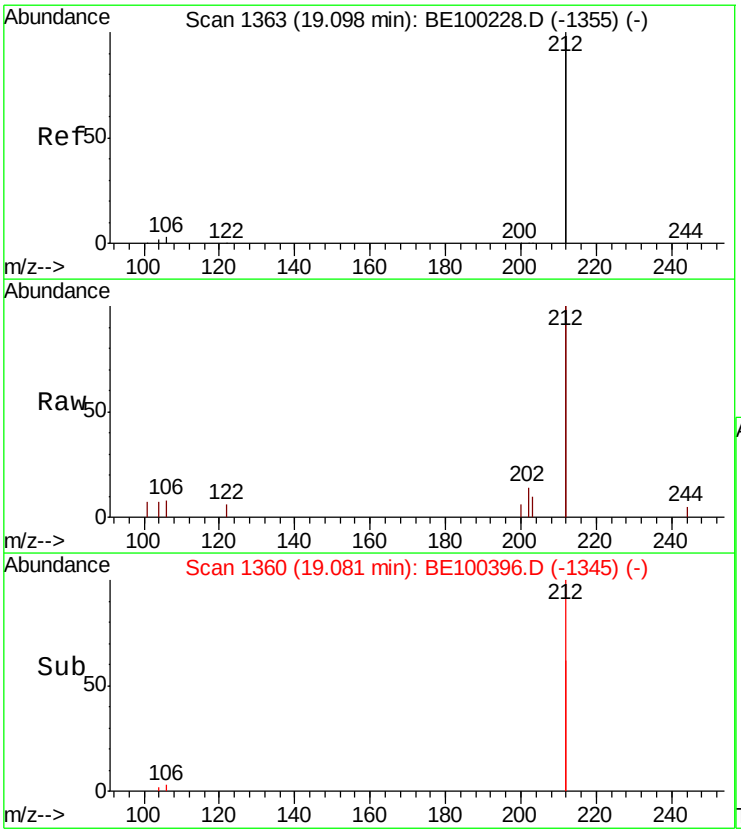
#24
Anthracene
Concen: 0.116 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:178 Resp: 1296

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.3	22.9
179	7.1	12.2	18.2#

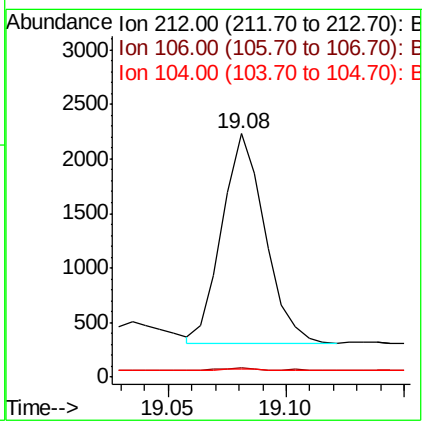


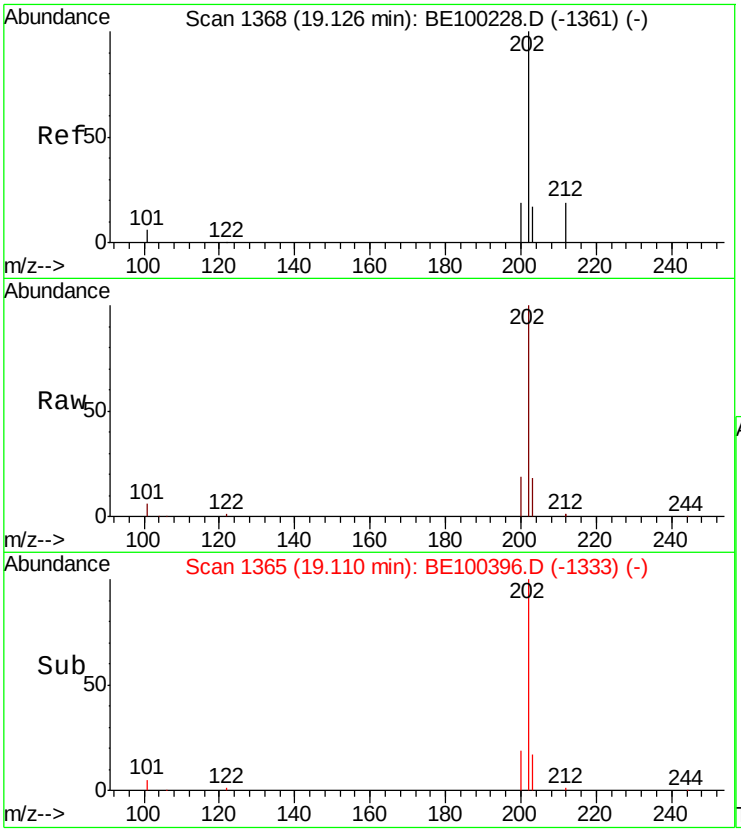


#25
Fluoranthene-d10
Concen: 0.033 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:212 Resp: 2427

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.2	0.8	1.2#



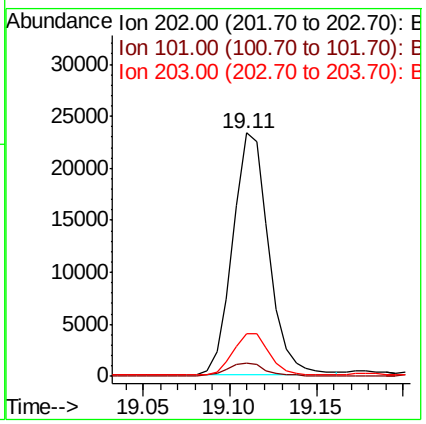


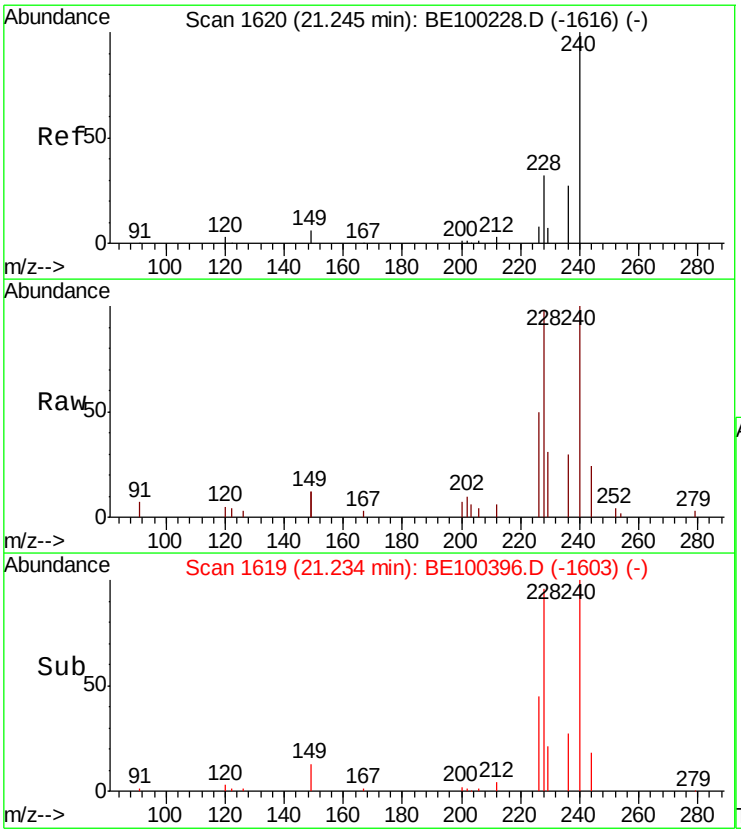
#26
Fluoranthene
Concen: 1.708 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:202 Resp: 33744

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.6	13.7	20.5

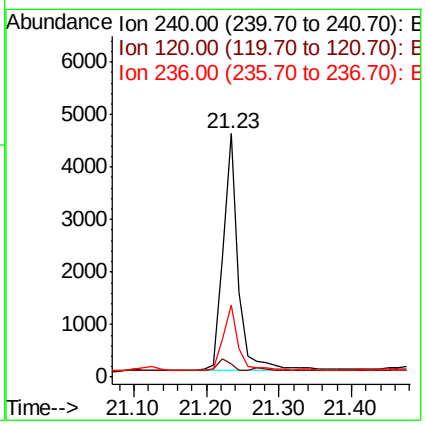


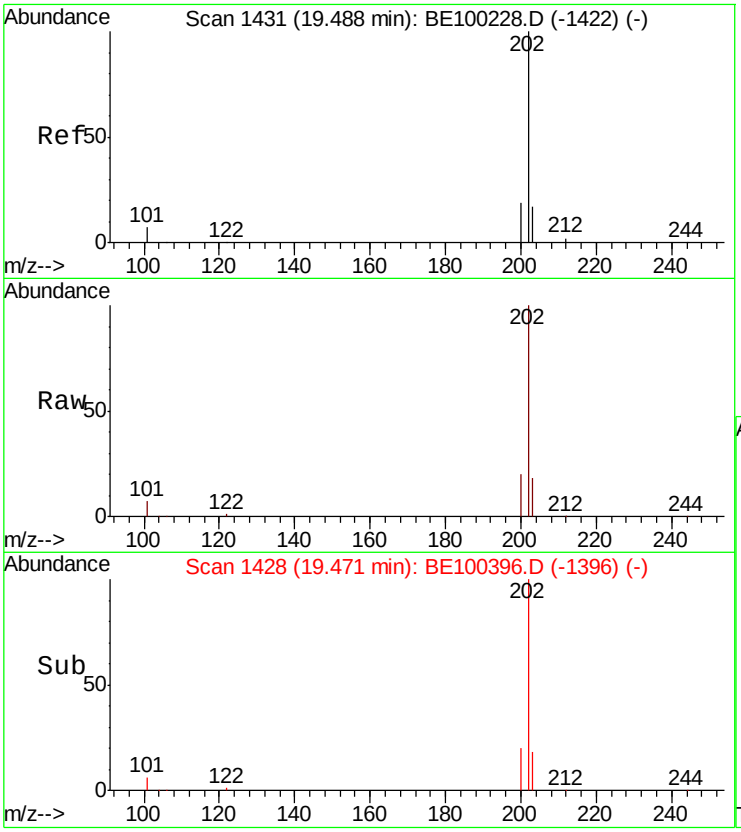


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:240 Resp: 6620

Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.3	4.9#
236	29.6	22.6	34.0



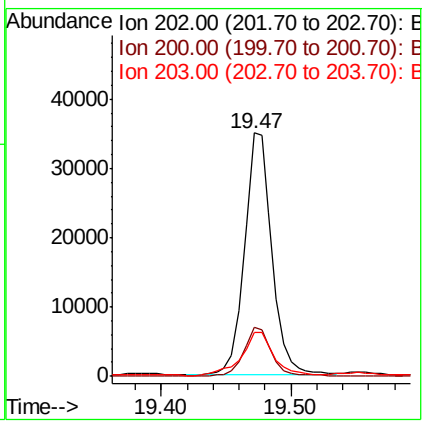


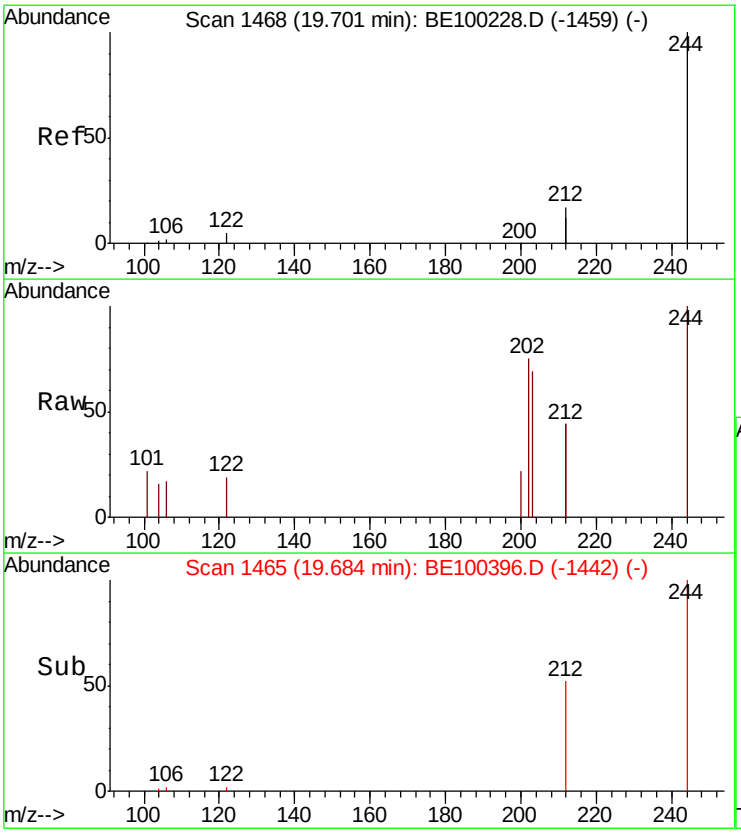
#28
Pyrene
Concen: 2.932 ng
RT: 19.47 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:202 Resp: 51396

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	20.7	14.0	21.0

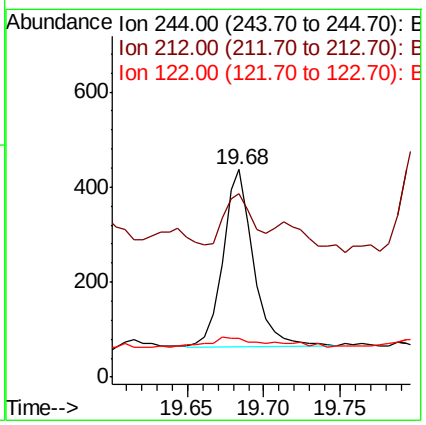


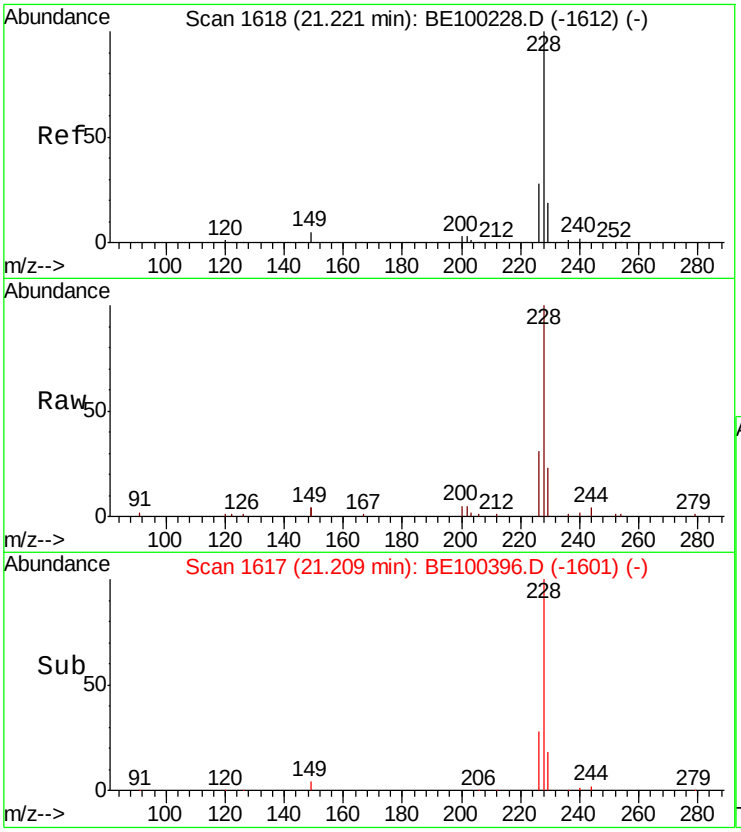


#29
Terphenyl-d14
Concen: 0.038 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:244 Resp: 521

Ion	Ratio	Lower	Upper
244	100		
212	88.5	27.3	40.9#
122	19.0	4.7	7.1#



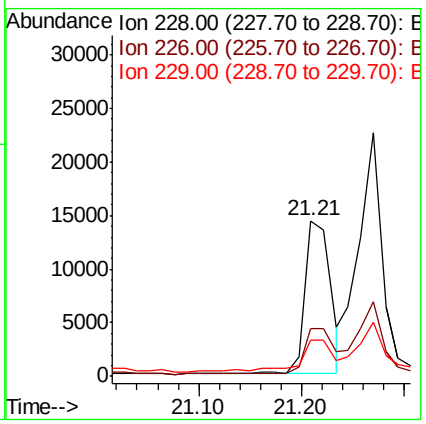


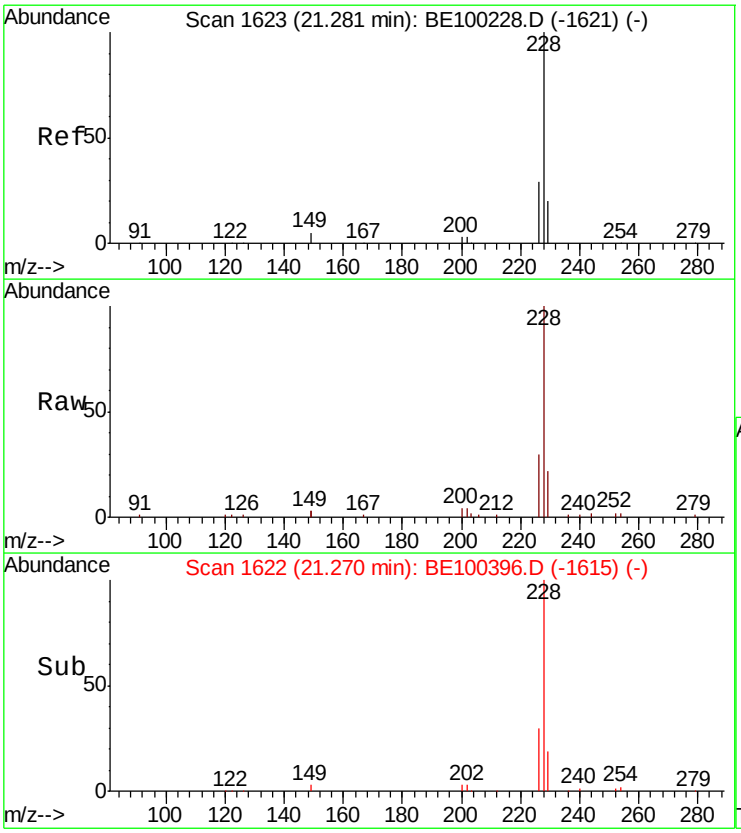
#30
Benzo(a)anthracene
Concen: 1.142 ng
RT: 21.21 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:228 Resp: 24853

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.2	34.8
229	23.1	15.7	23.5

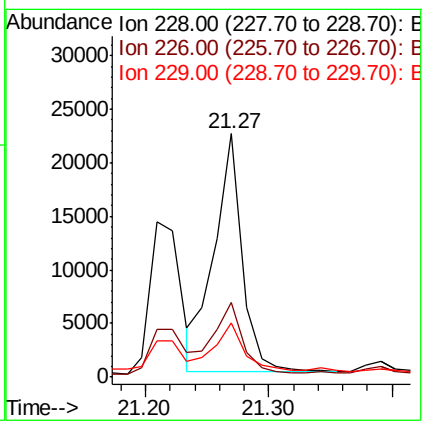


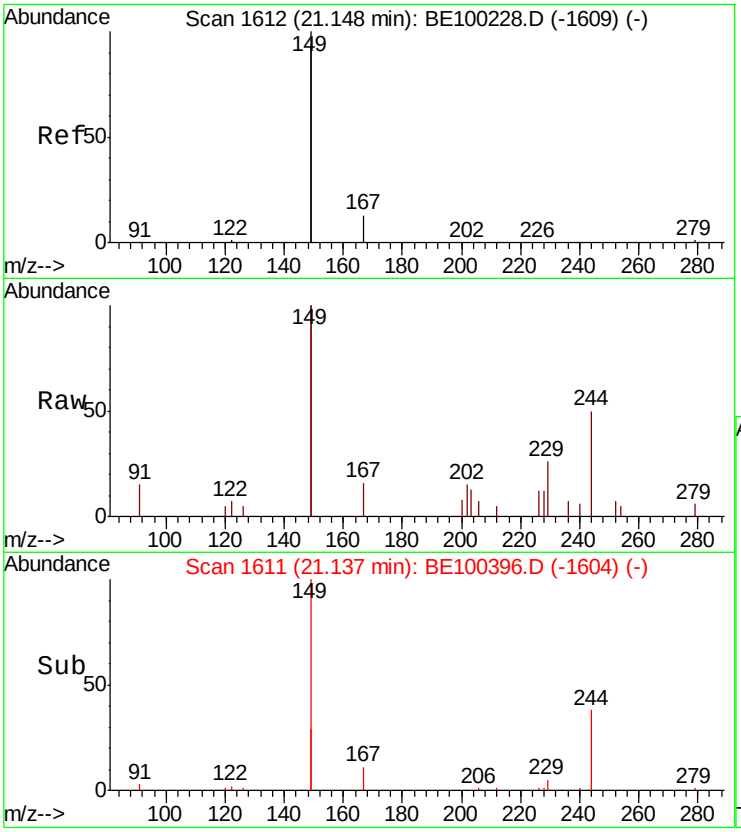


#31
Chrysene
Concen: 1.611 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:228 Resp: 35213

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	22.3	16.5	24.7



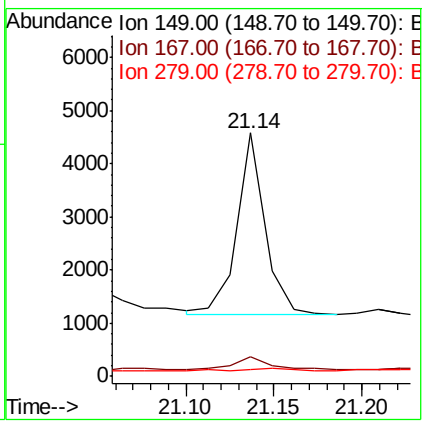


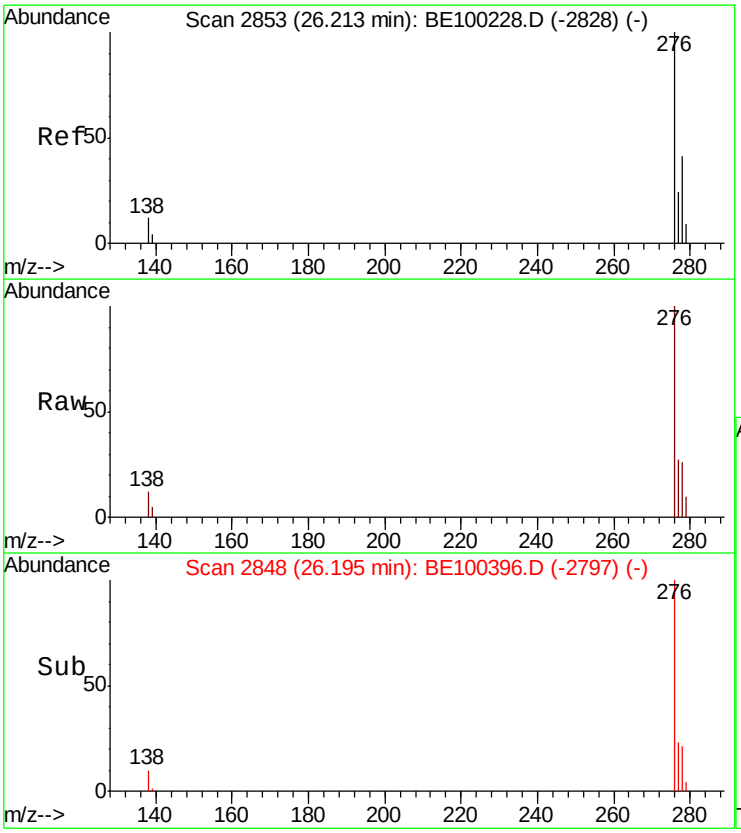
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:149 Resp: 3821

Ion	Ratio	Lower	Upper
149	100		
167	8.3	5.8	8.8
279	2.0	1.1	1.7#

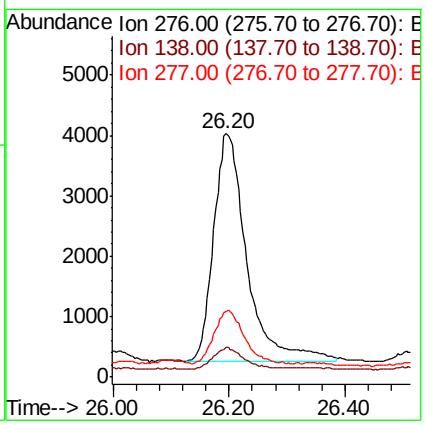


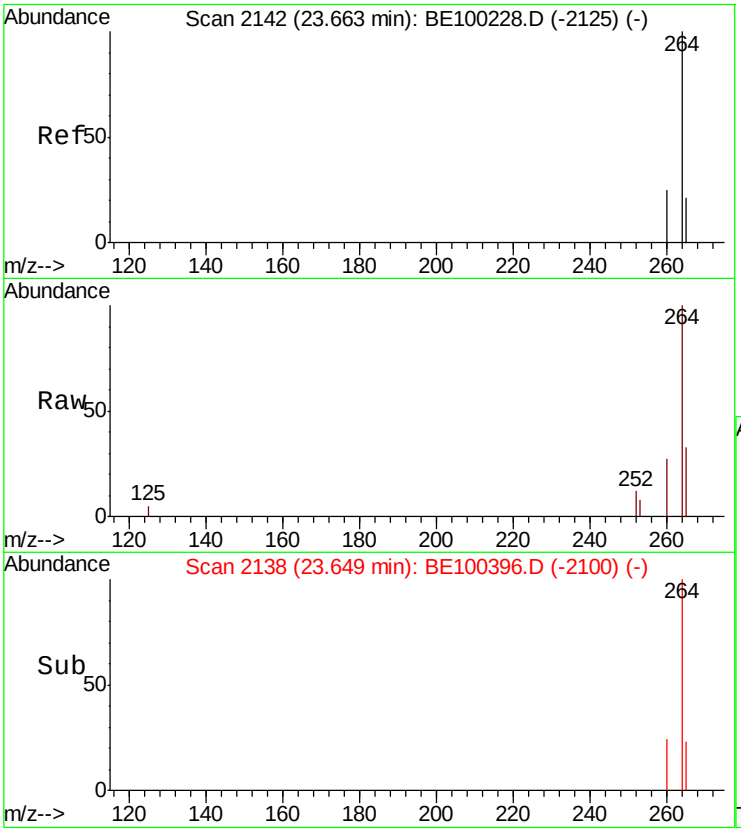


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.519 ng
RT: 26.20 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:276 Resp: 14990

Ion	Ratio	Lower	Upper
276	100		
138	8.3	9.4	14.0#
277	20.8	19.2	28.8



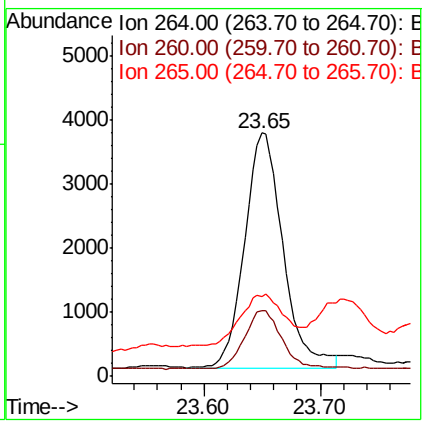


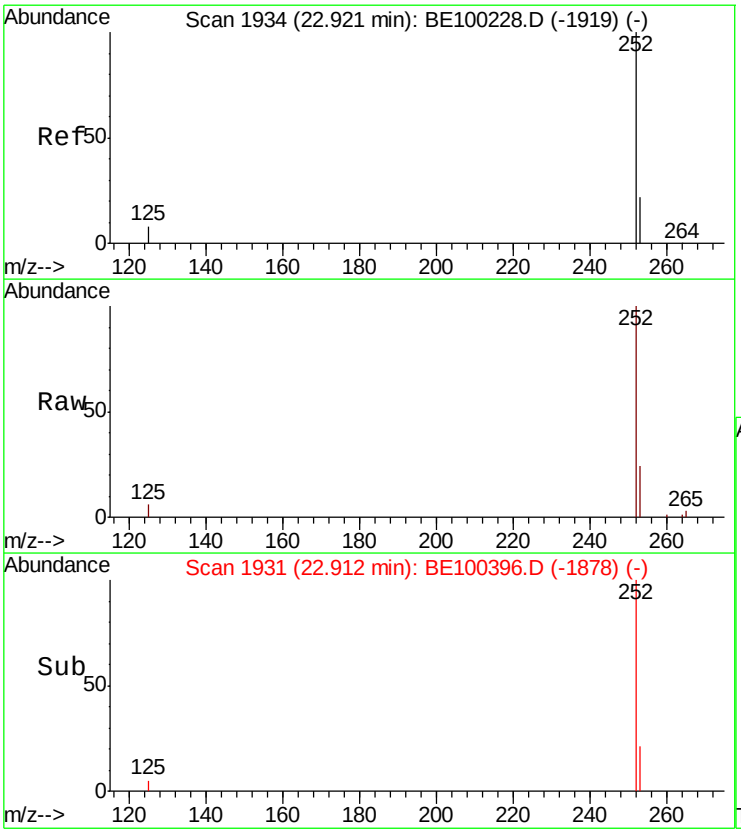
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:264 Resp: 8400

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	32.7	21.8	32.6#

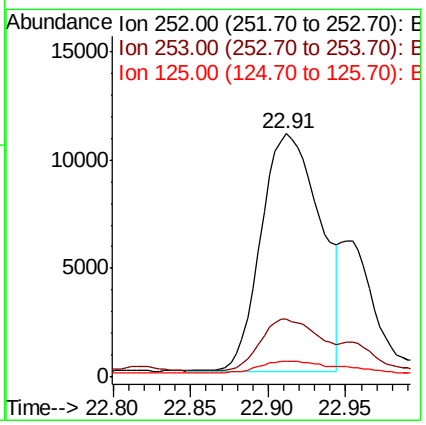


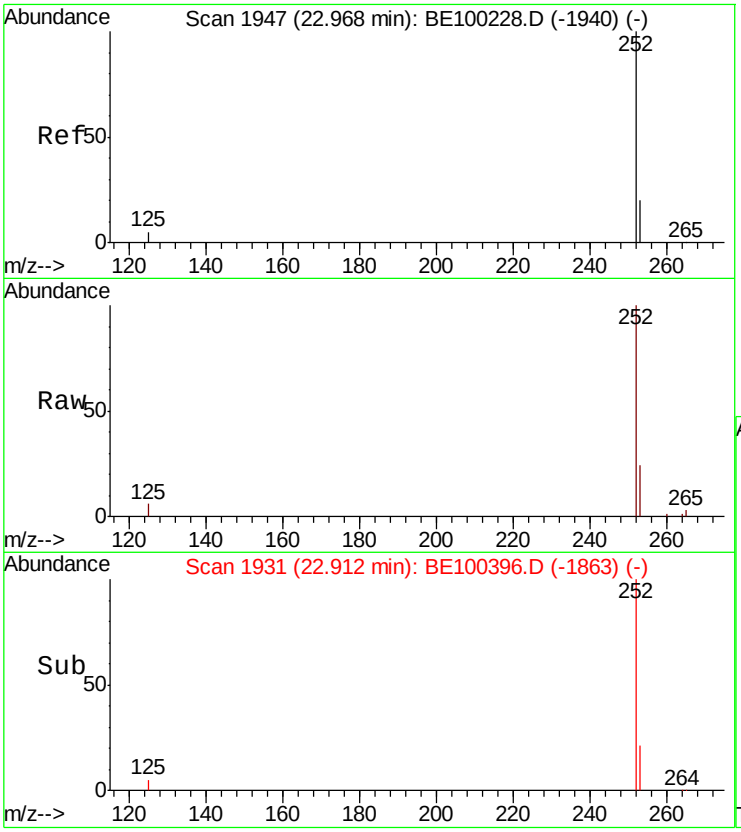


#35
Benzo(b)fluoranthene
Concen: 1.271 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:252 Resp: 28947

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.2	28.8
125	6.3	7.4	11.0#



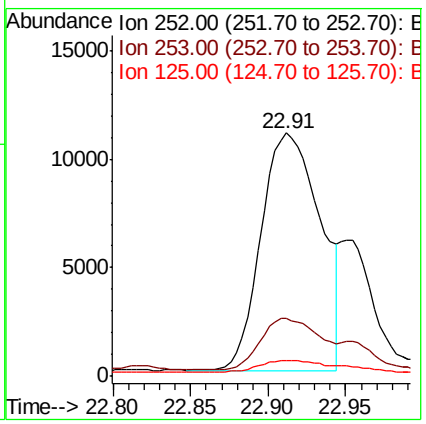


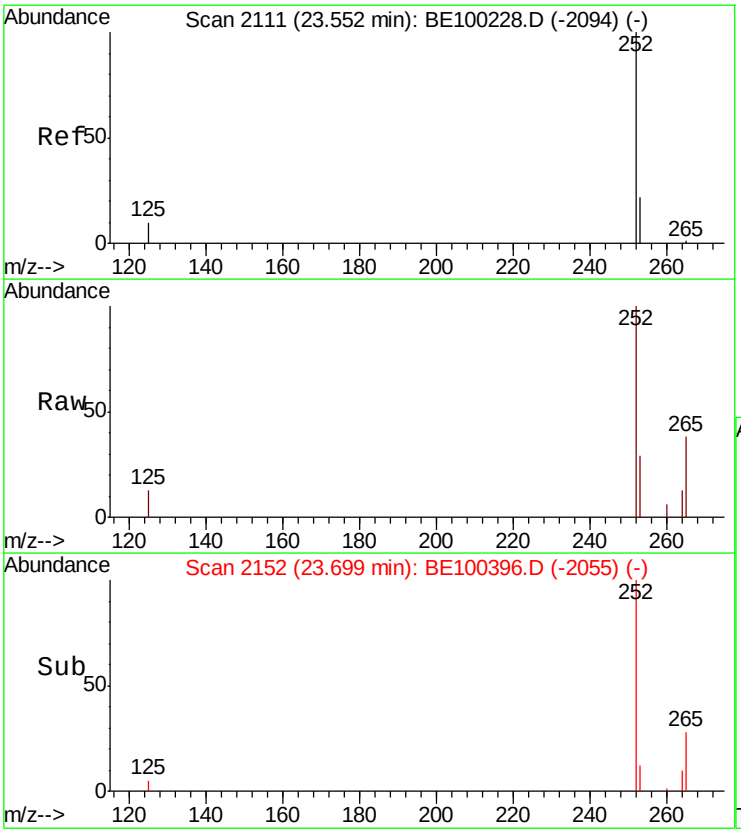
#36
Benzo(k)fluoranthene
Concen: 1.139 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:252 Resp: 28947

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	6.3	5.0	7.4

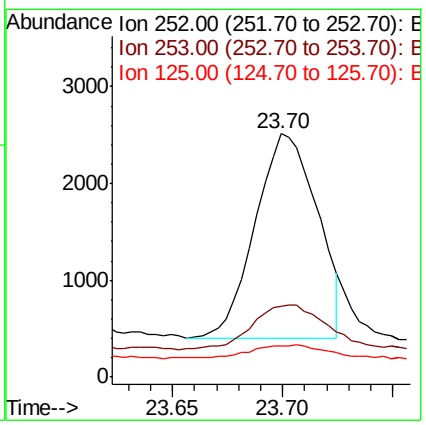


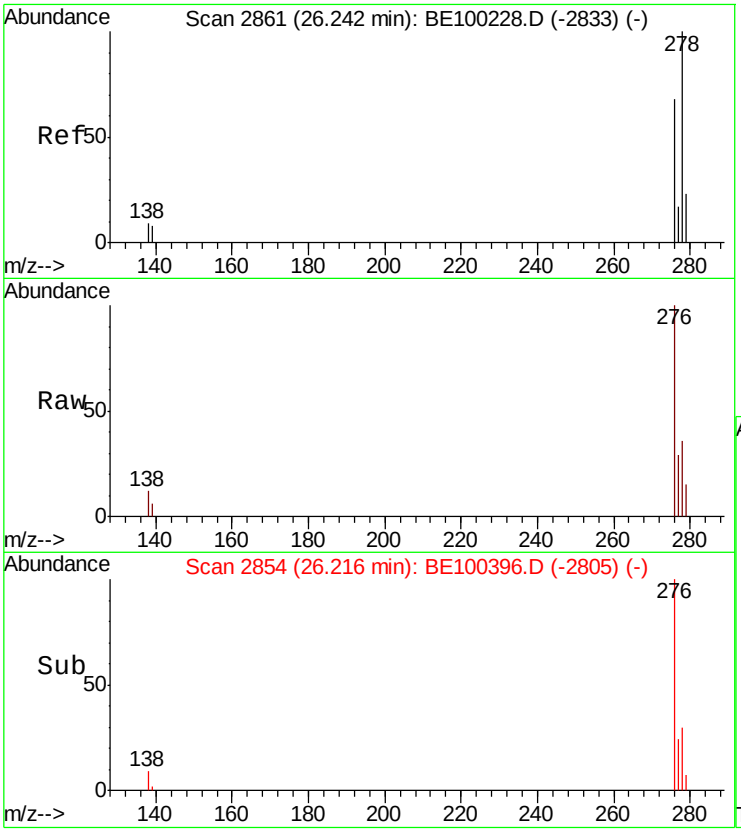


#37
Benzo(a)pyrene
Concen: 0.182 ng
RT: 23.70 min Scan# 2152
Delta R.T. 0.15 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:252 Resp: 4149

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.6	29.4
125	12.8	9.0	13.6



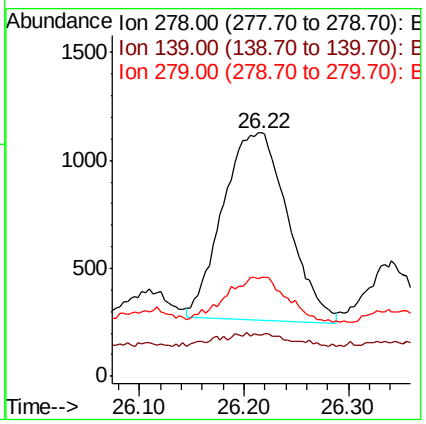


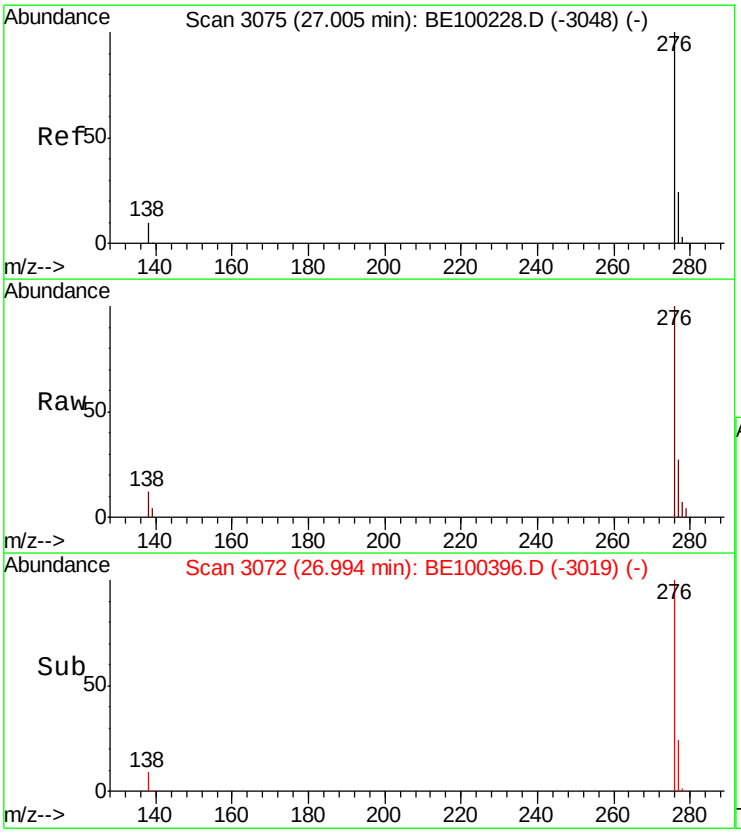
#38
Dibenzo(a,h)anthracene
Concen: 0.158 ng
RT: 26.22 min Scan# 2854
Delta R.T. -0.03 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Instrument :
BNA_E
ClientSampleId :
EXT-032-SW172-062519

Tgt Ion:278 Resp: 3765

Ion	Ratio	Lower	Upper
278	100		
139	17.0	8.2	12.2#
279	40.5	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.714 ng
RT: 26.99 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BE100396.D
Acq: 6 Jul 2019 00:38

Tgt Ion:276 Resp: 17491

Ion	Ratio	Lower	Upper
276	100		
277	26.7	20.2	30.2
138	11.5	9.0	13.6