Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100397.D
Acq On : 6 Jul 2019 1:14
Operator : JU/SJ
Sample : K3558-06 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-015-SW082-062519DL

Quant Time: Jul 06 03:31:44 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	576	0.40	ng		-0.01
7) Naphthalene-d8	10.42	136	2150	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1668	0.40	ng		-0.01
19) Phenanthrene-d10	17.04	188	5086	0.40	ng		-0.01
27) Chrysene-d12	21.23	240	6627	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8196	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	53	0.04	ng		-0.01
5) Phenol-d6	6.85	99	20	0.01	ng		0.00
8) Nitrobenzene-d5	8.85	82	57	0.03	ng		0.03
11) 2-Methylnaphthalene-d10	12.04	152	129	0.03	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	35	0.03	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	231	0.04	ng		-0.01
25) Fluoranthene-d10	19.08	212	1649	0.02	ng		-0.02
29) Terphenyl-d14	19.68	244	377	0.03	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.46	42	58	0.139	ng	#	1
9) Naphthalene	10.47	128	1949	0.082	ng	#	89
12) 2-Methylnaphthalene	12.12	142	265	0.064	ng	#	87
16) Acenaphthylene	14.02	152	1836	0.229	ng		99
17) Acenaphthene	14.37	154	315	0.069	ng		96
18) Fluorene	15.35	166	738	0.110	ng	#	90
23) Phenanthrene	17.08	178	21778	1.767	ng		100
24) Anthracene	17.17	178	3045	0.274	ng	#	93
26) Fluoranthene	19.11	202	47274	2.408	ng		98
28) Pyrene	19.48	202	64469	3.674	ng		97
30) Benzo(a)anthracene	21.27	228	42345	1.943	ng		95
31) Chrysene	21.27	228	41641	1.903	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	3334	0.051	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.20	276	22229	0.768	ng	#	95
35) Benzo(b)fluoranthene	22.91	252	39226	1.765	ng	#	96
36) Benzo(k)fluoranthene	22.91	252	39226	1.581	ng		98
37) Benzo(a)pyrene	23.70	252	6633	0.298	ng		94
38) Dibenzo(a,h)anthracene	26.22	278	5717	0.246	ng	#	81
39) Benzo(g,h,i)perylene	26.99	276	26520	1.110	ng		98

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

Quantitation Report (Not Reviewed)

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BNA_E
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Quant Time: Jul 06 03:31:44 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
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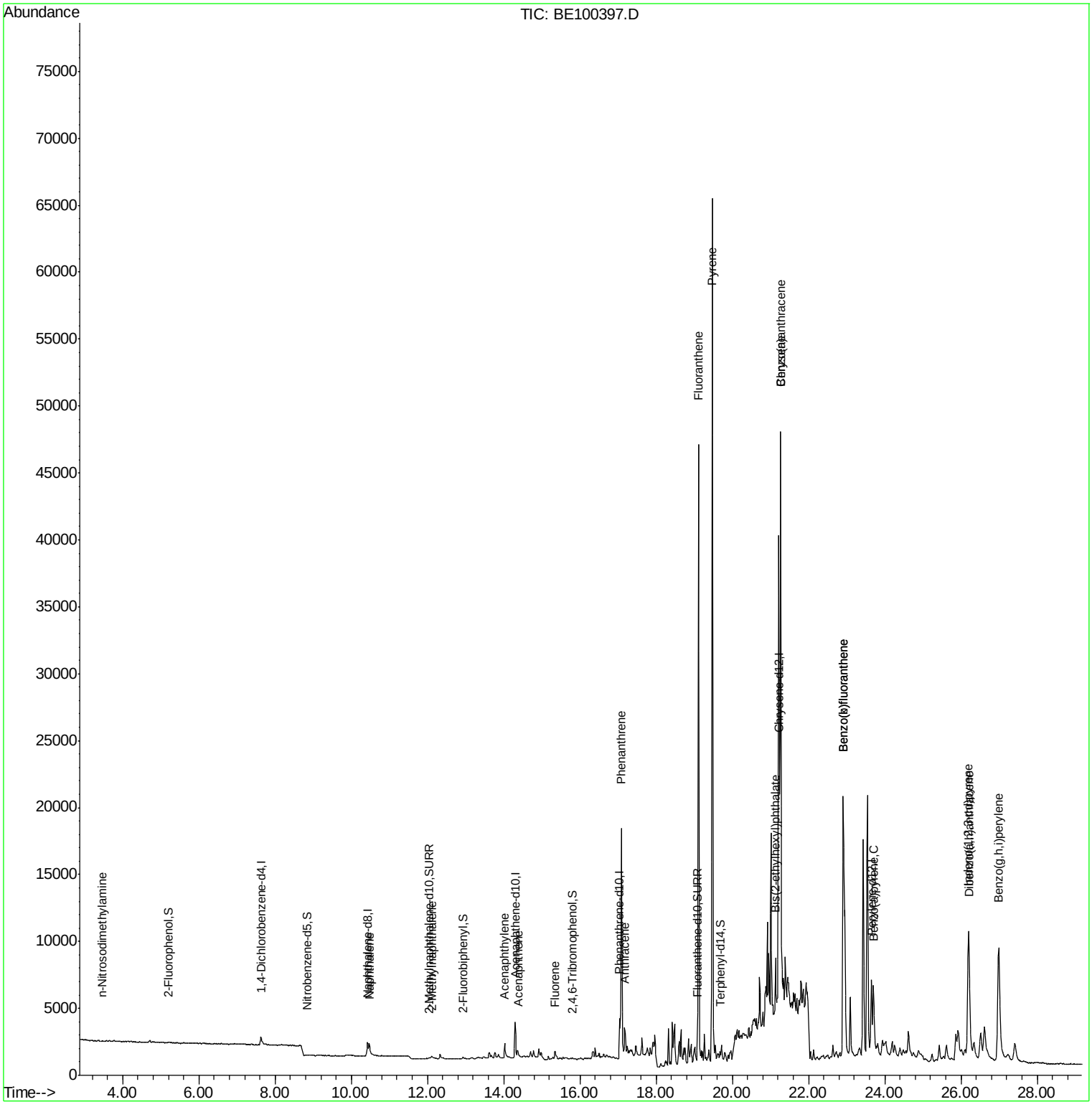
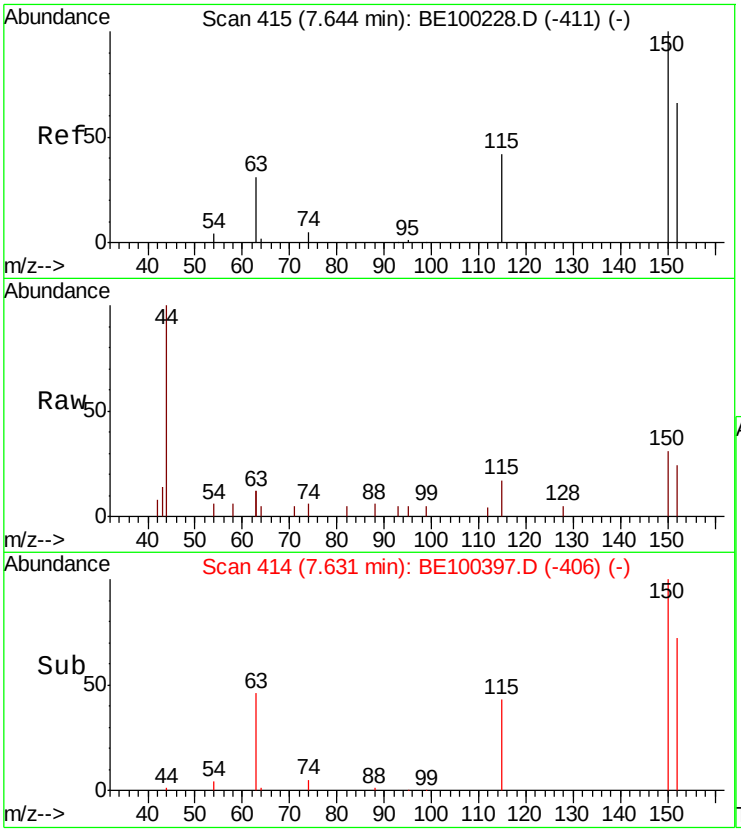


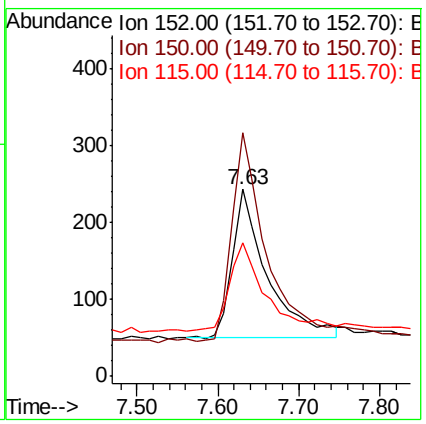


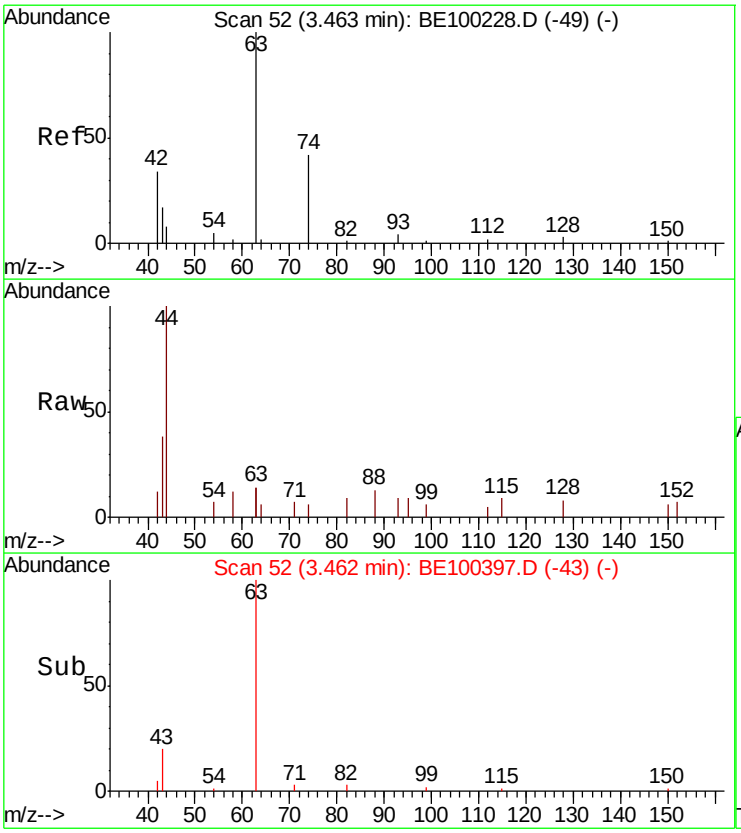
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:152 Resp: 576

Ion	Ratio	Lower	Upper
152	100		
150	130.5	114.5	171.7
115	71.6	57.1	85.7

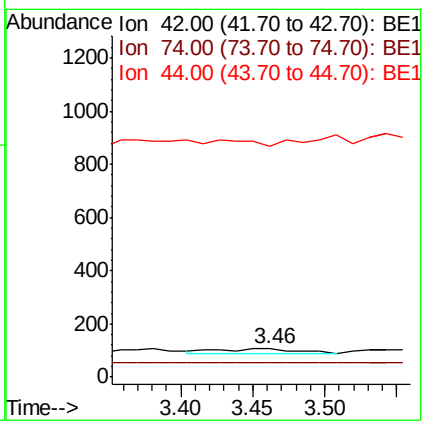


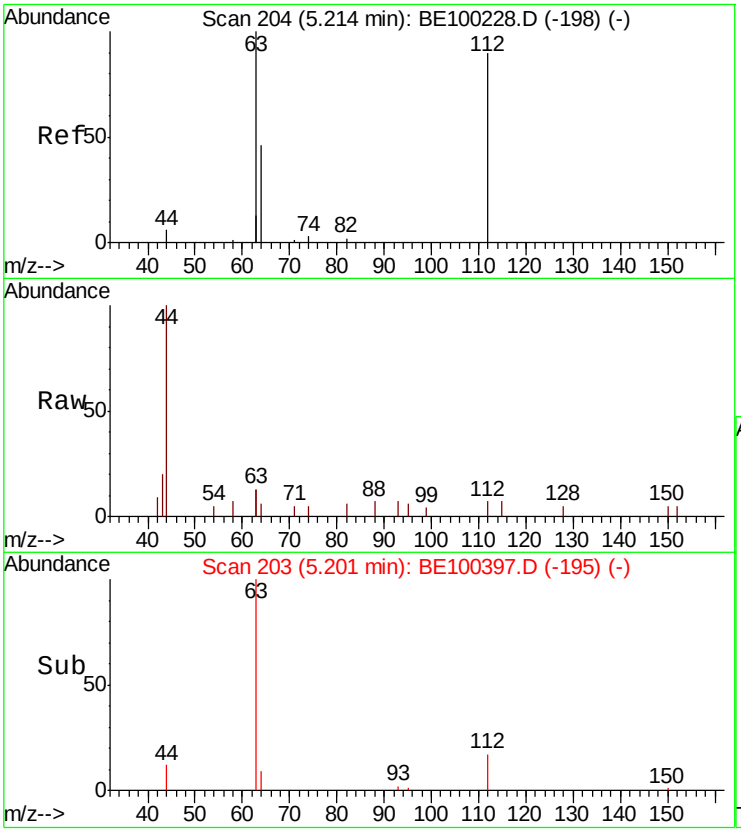


#3
n-Nitrosodimethylamine
Concen: 0.139 ng
RT: 3.46 min Scan# 52
Delta R.T. -0.00 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion: 42 Resp: 58

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



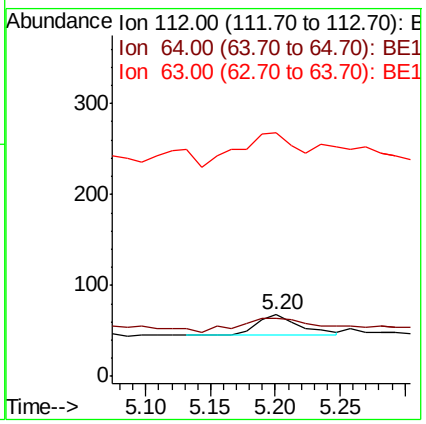


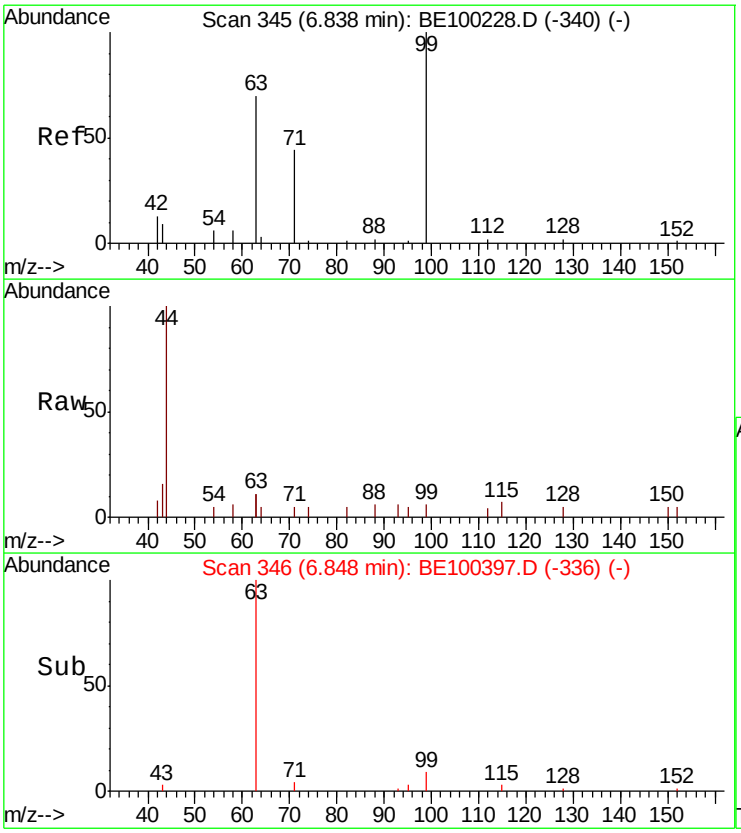
#4
2-Fluorophenol
Concen: 0.036 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:112 Resp: 53

Ion	Ratio	Lower	Upper
112	100		
64	160.4	39.4	59.0#
63	217.0	104.5	156.7#

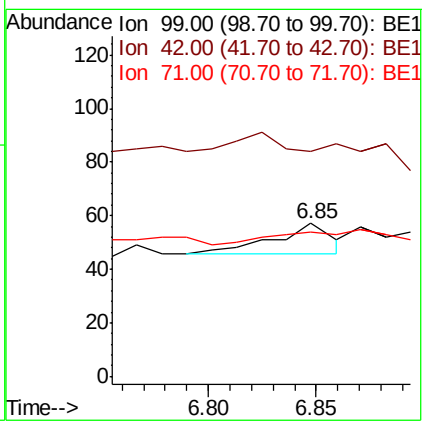


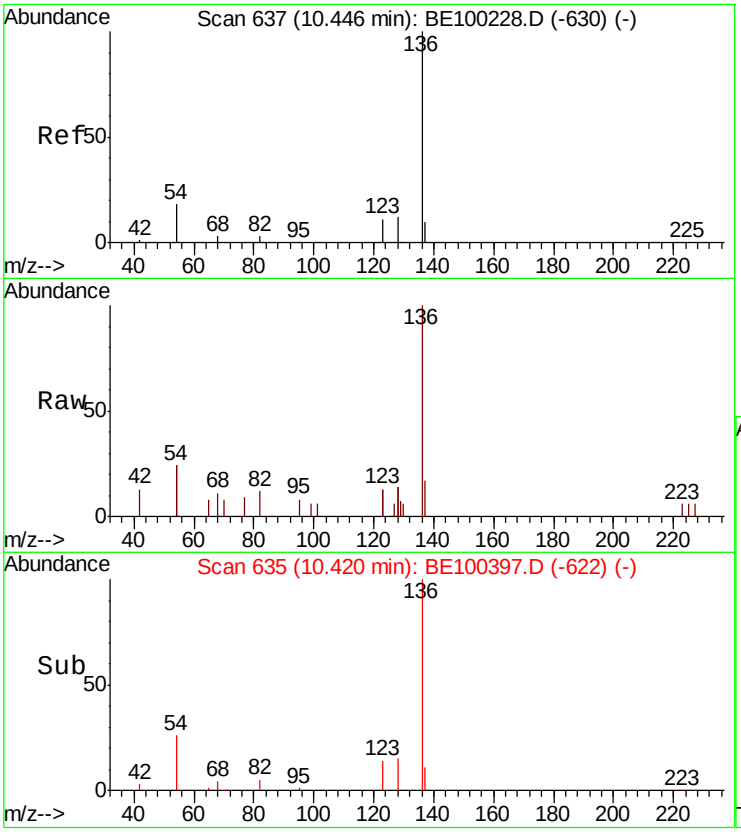


#5
Phenol-d6
Concen: 0.010 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion: 99 Resp: 20

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



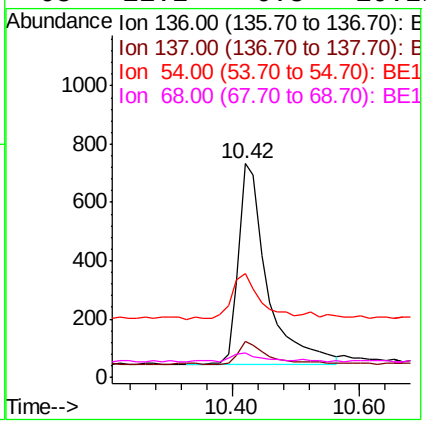


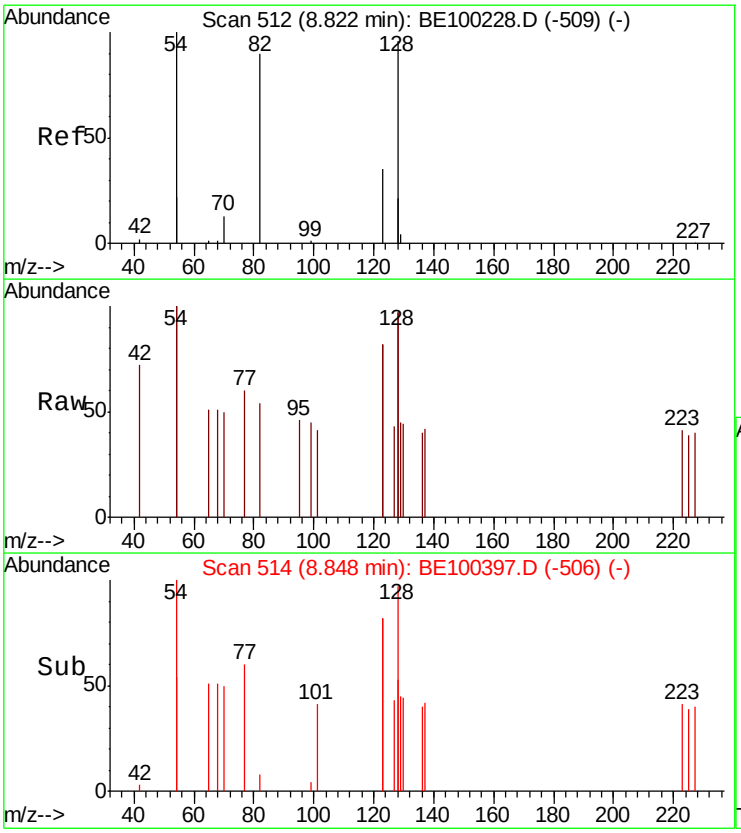
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:136 Resp: 2150

Ion	Ratio	Lower	Upper
136	100		
137	16.9	11.8	17.8
54	48.6	27.7	41.5#
68	11.2	6.8	10.2#

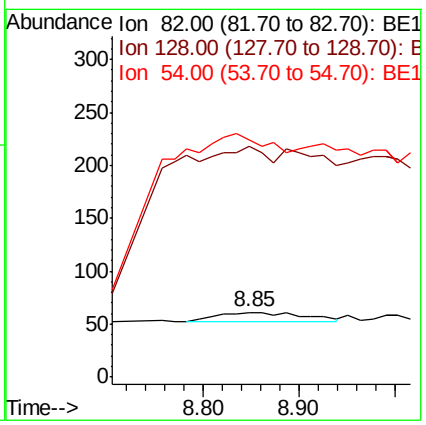


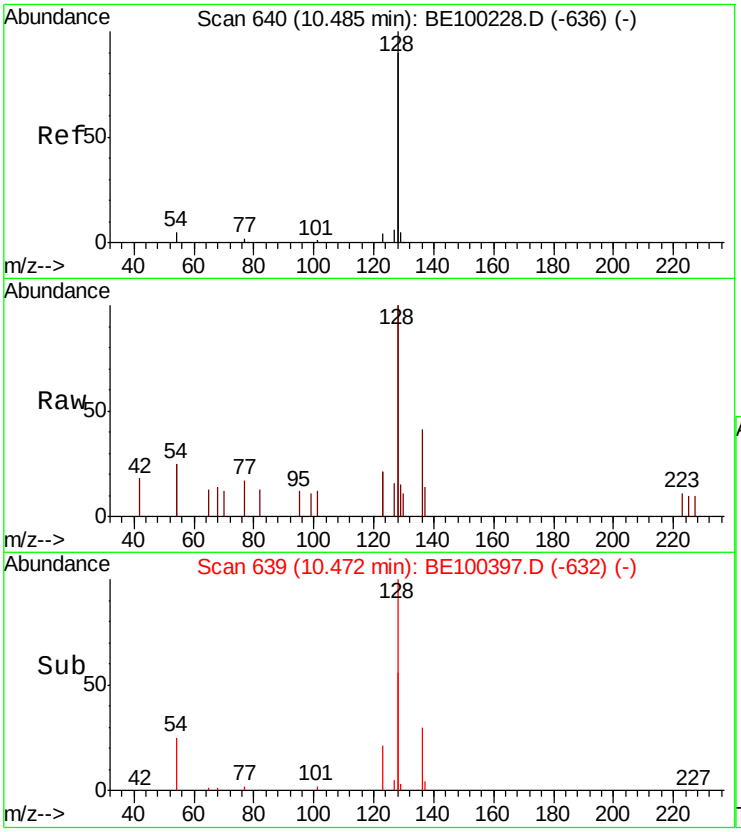


#8
Nitrobenzene-d5
Concen: 0.027 ng
RT: 8.85 min Scan# 514
Delta R.T. 0.03 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion: 82 Resp: 57

Ion	Ratio	Lower	Upper
82	100		
128	357.4	140.9	211.3#
54	367.2	146.2	219.2#



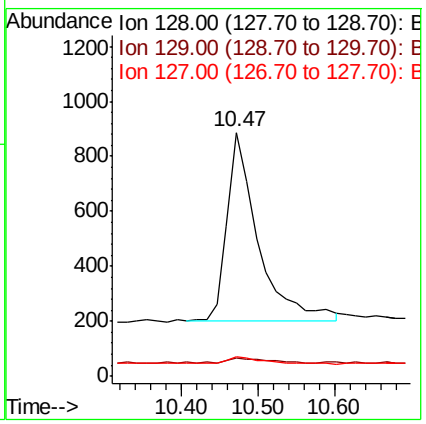


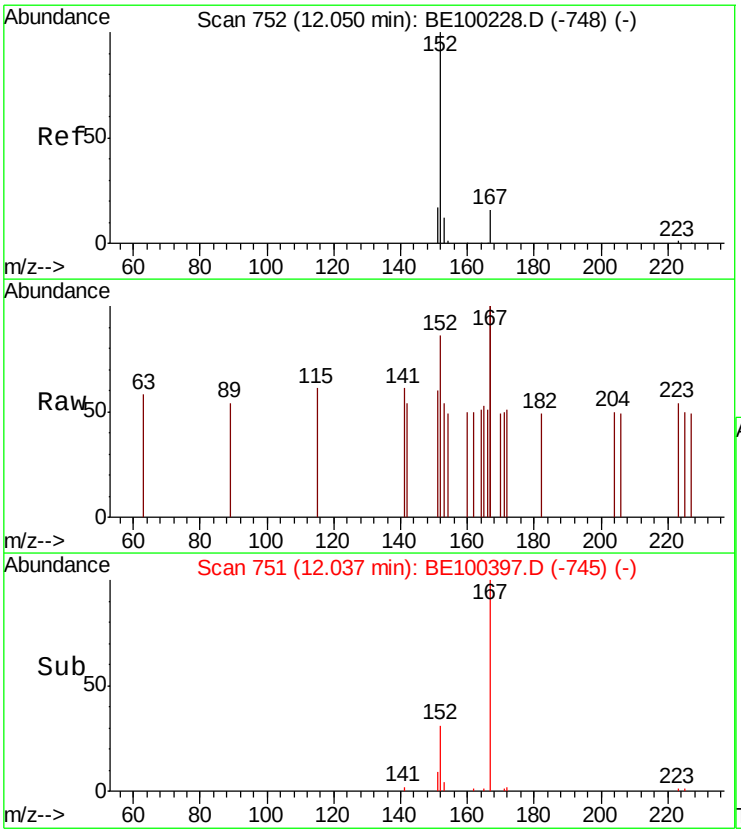
#9
Naphthalene
Concen: 0.082 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:128 Resp: 1949

Ion	Ratio	Lower	Upper
128	100		
129	7.7	3.0	4.6#
127	7.8	3.5	5.3#

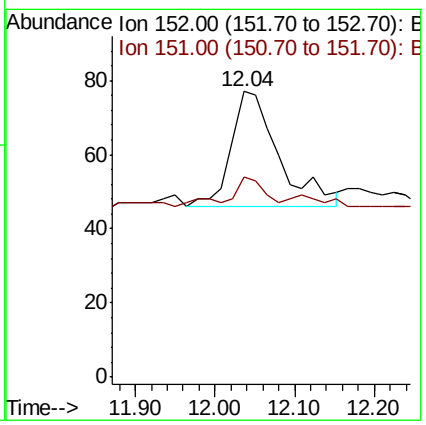


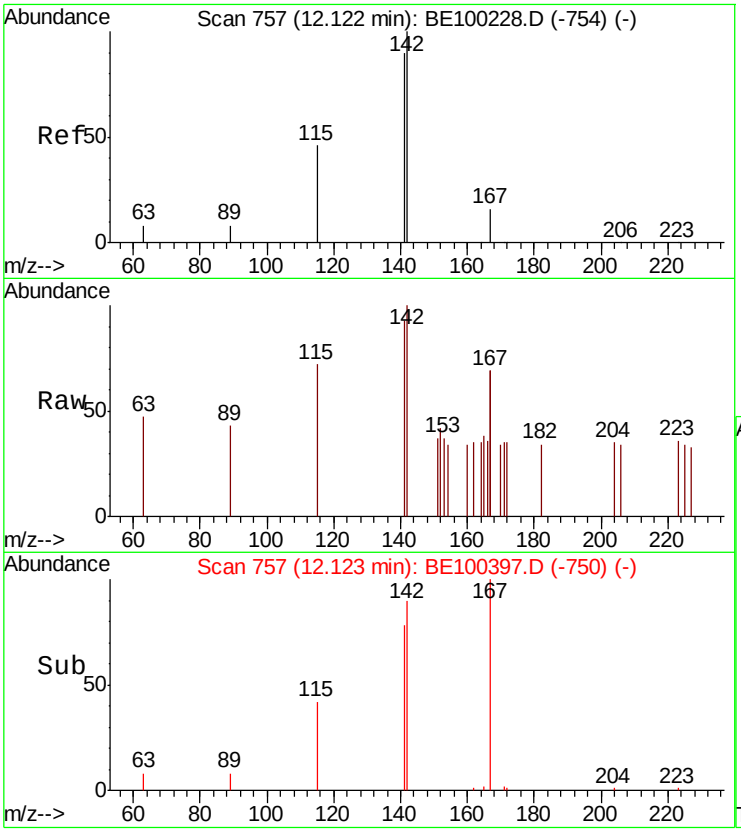


#11
2-Methylnaphthalene-d10
Concen: 0.032 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:152 Resp: 129

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.1	22.7



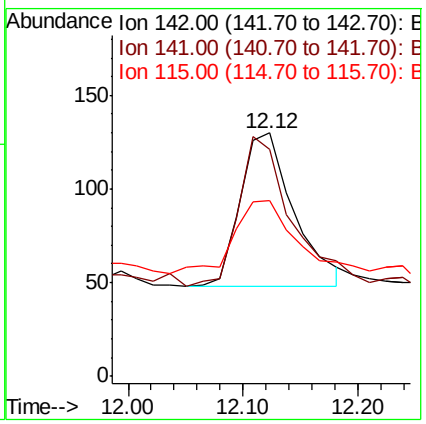


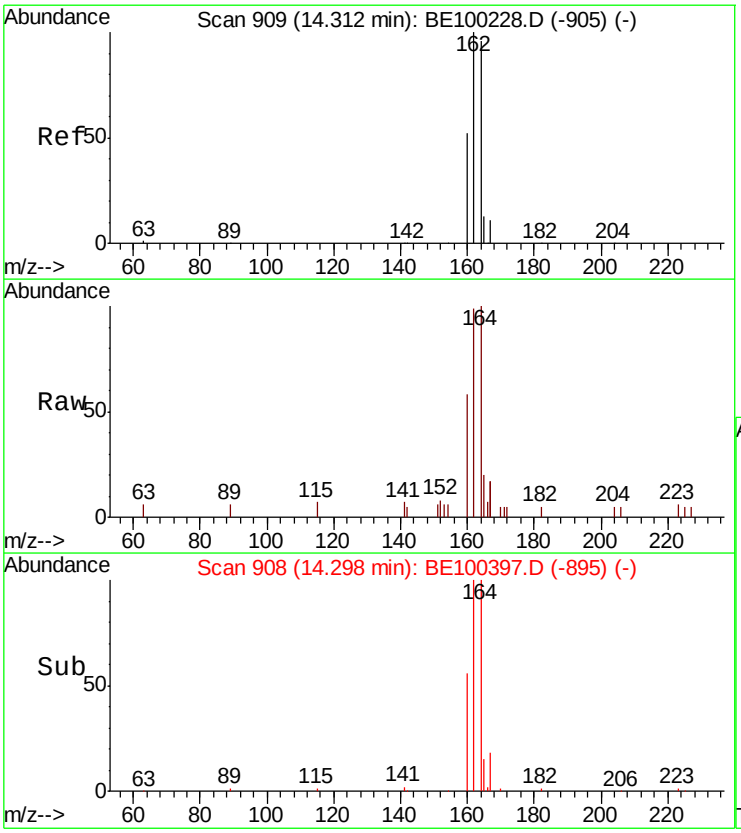
#12
2-Methylnaphthalene
Concen: 0.064 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:142 Resp: 265

Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.4	108.6
115	72.3	40.4	60.6#

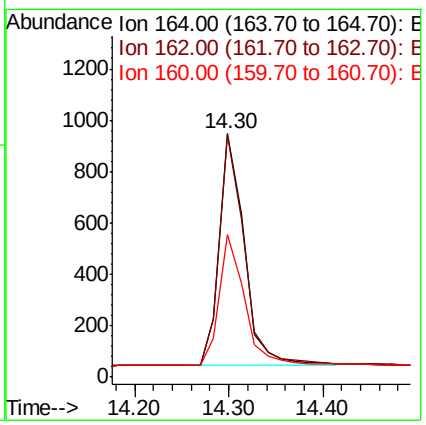


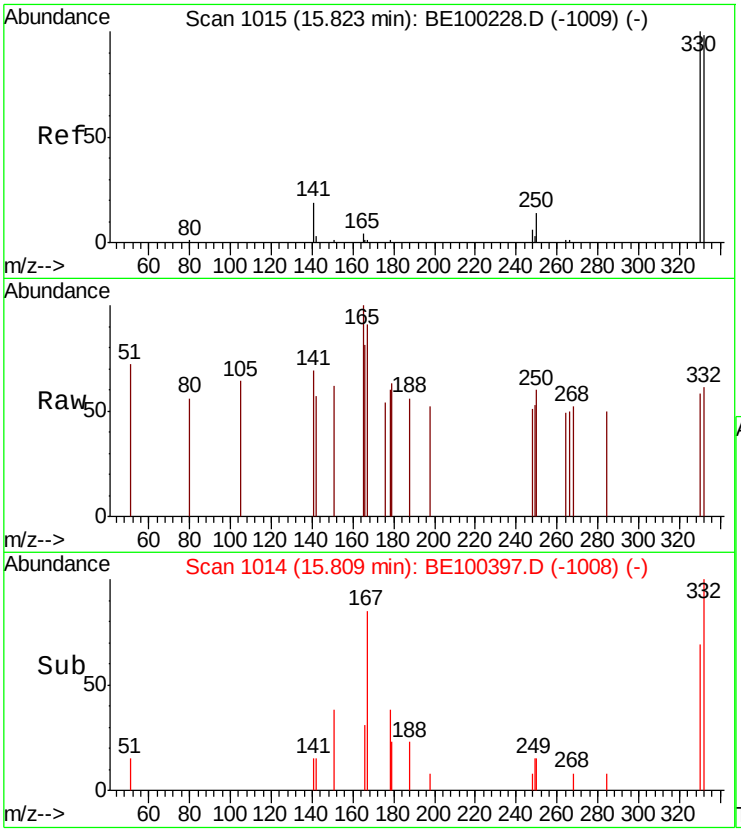


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:164 Resp: 1668

Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.4	125.0
160	58.3	45.0	67.6



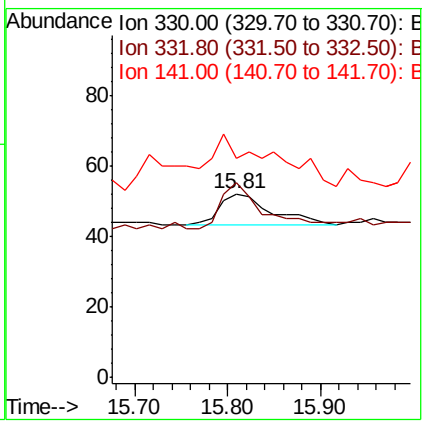


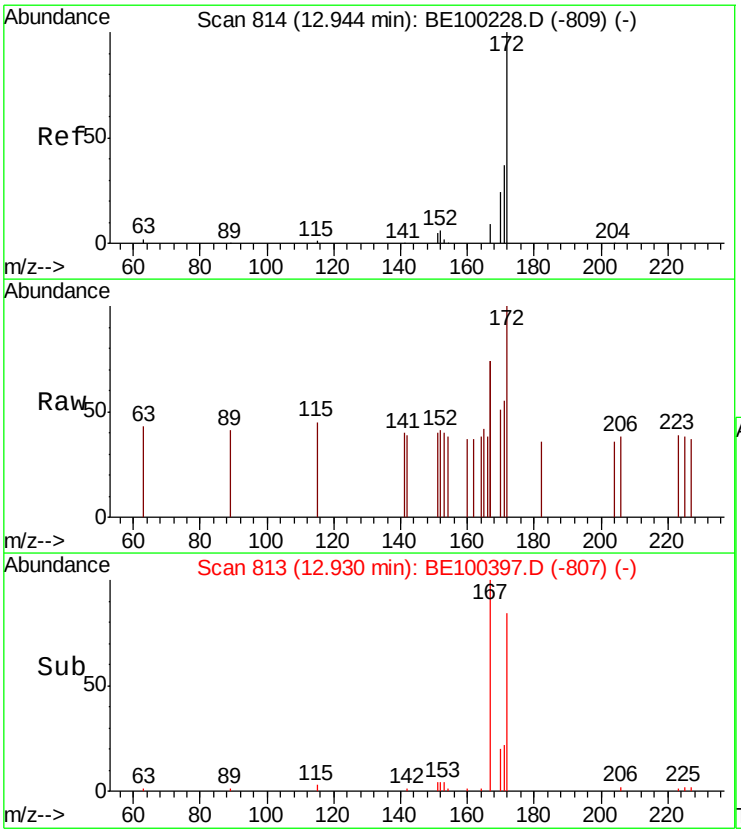
#14
2,4,6-Tribromophenol
Concen: 0.030 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:330 Resp: 35

Ion	Ratio	Lower	Upper
330	100		
332	120.0	77.0	115.4#
141	185.7	22.0	33.0#

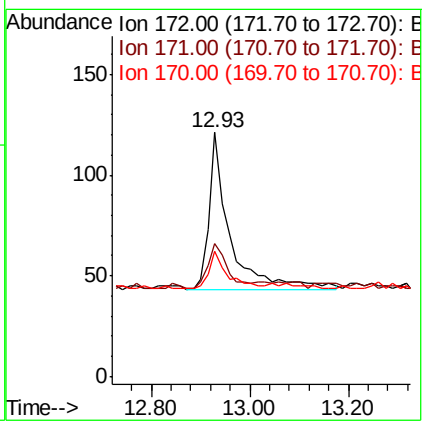


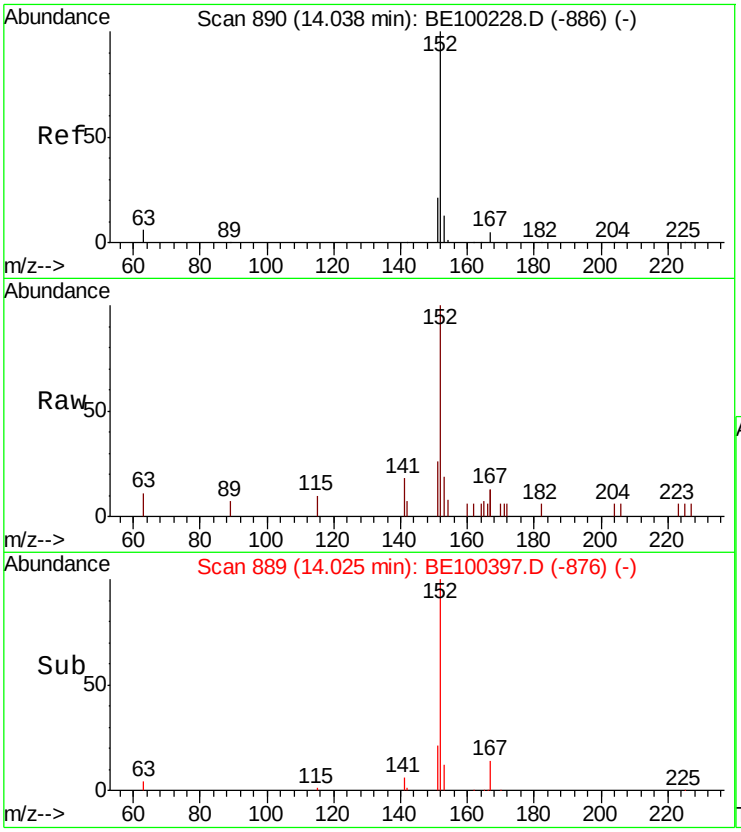


#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:172 Resp: 231

Ion	Ratio	Lower	Upper
172	100		
171	54.5	31.9	47.9#
170	51.2	22.2	33.2#



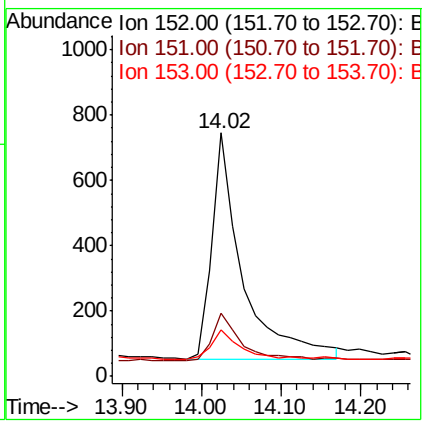


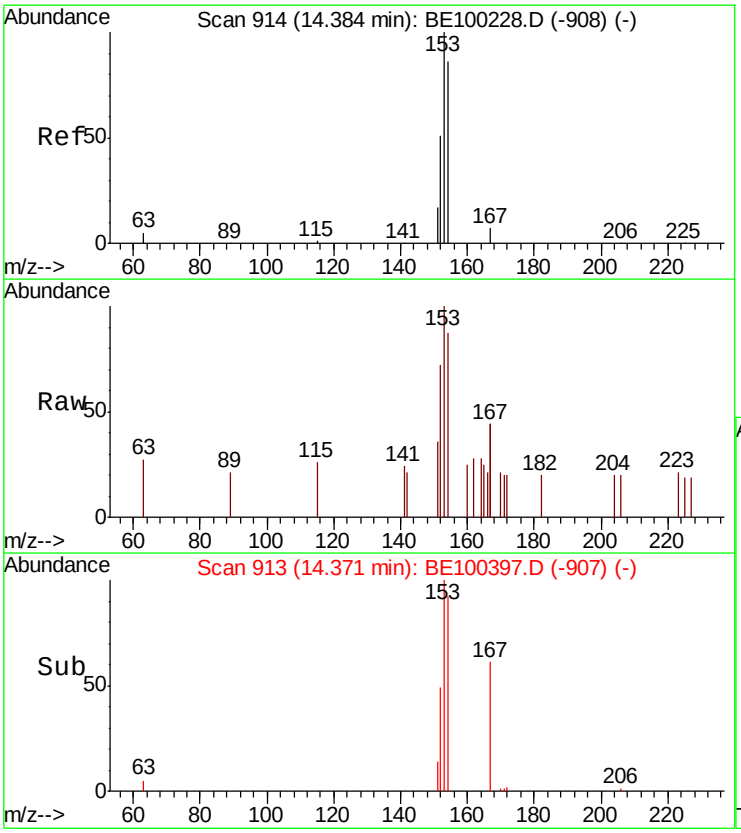
#16
Acenaphthylene
Concen: 0.229 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:152 Resp: 1836

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	25.0
153	13.2	10.5	15.7

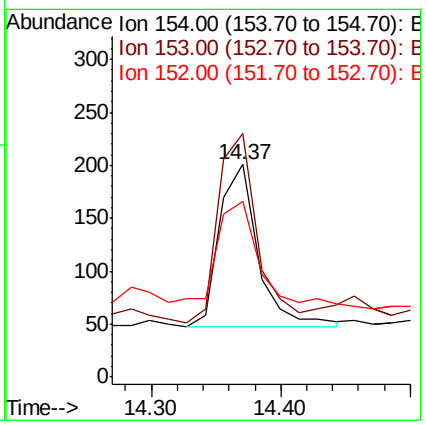


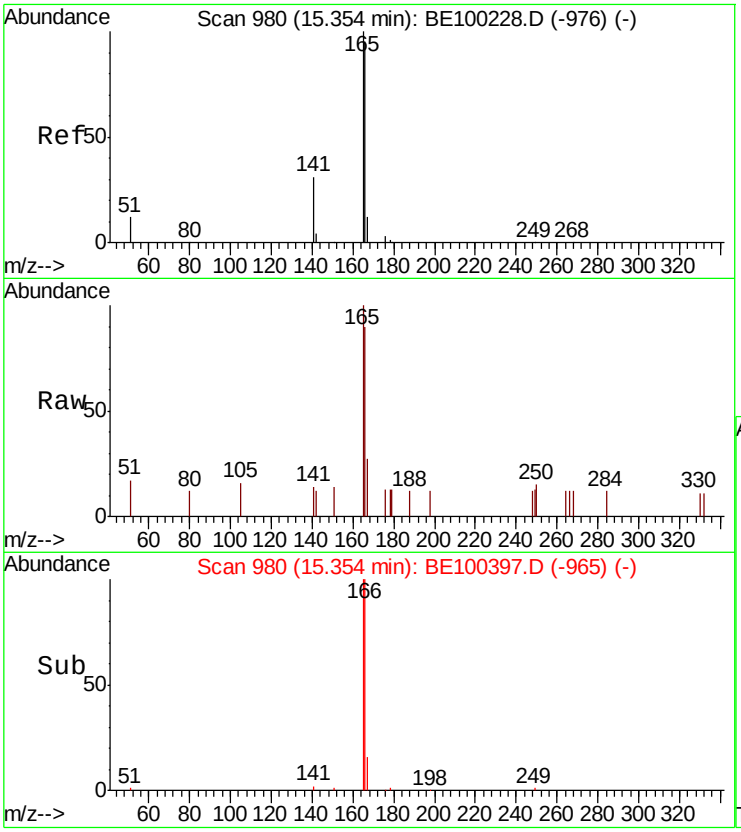


#17
Acenaphthene
Concen: 0.069 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:154 Resp: 315

Ion	Ratio	Lower	Upper
154	100		
153	118.4	93.4	140.2
152	69.5	49.4	74.2



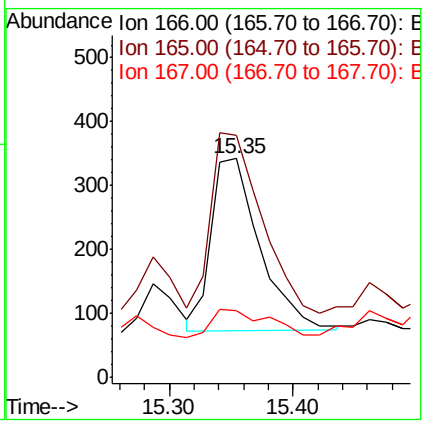


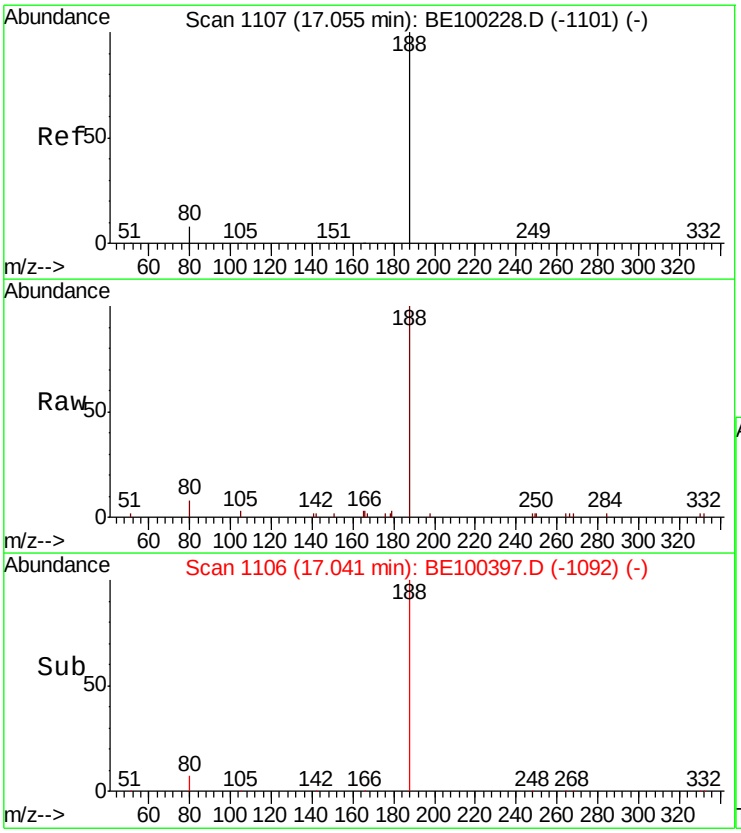
#18
Fluorene
Concen: 0.110 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:166 Resp: 738

Ion	Ratio	Lower	Upper
166	100		
165	111.0	81.1	121.7
167	18.8	10.7	16.1#

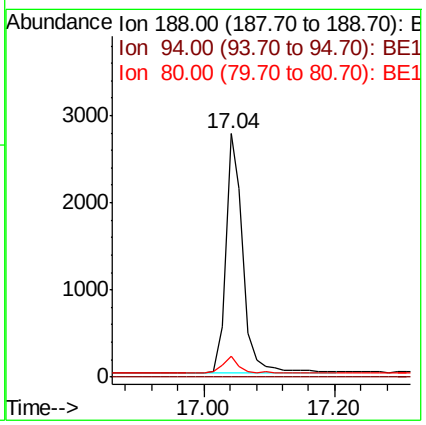


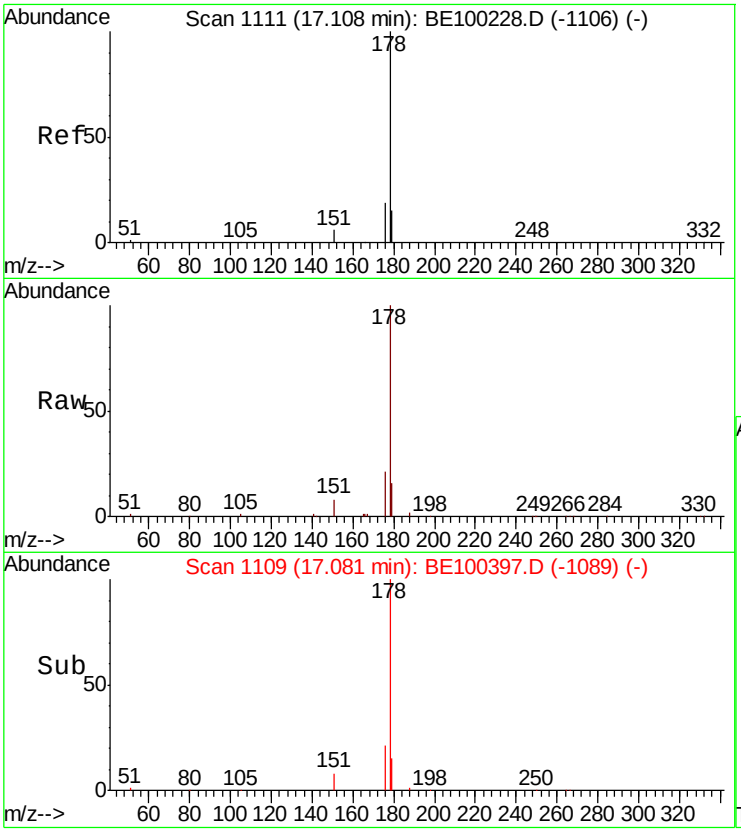


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:188 Resp: 5086

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.6	11.4



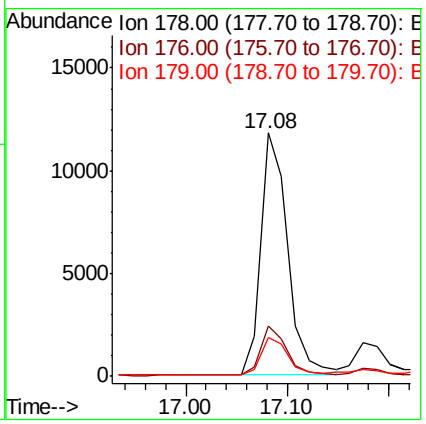


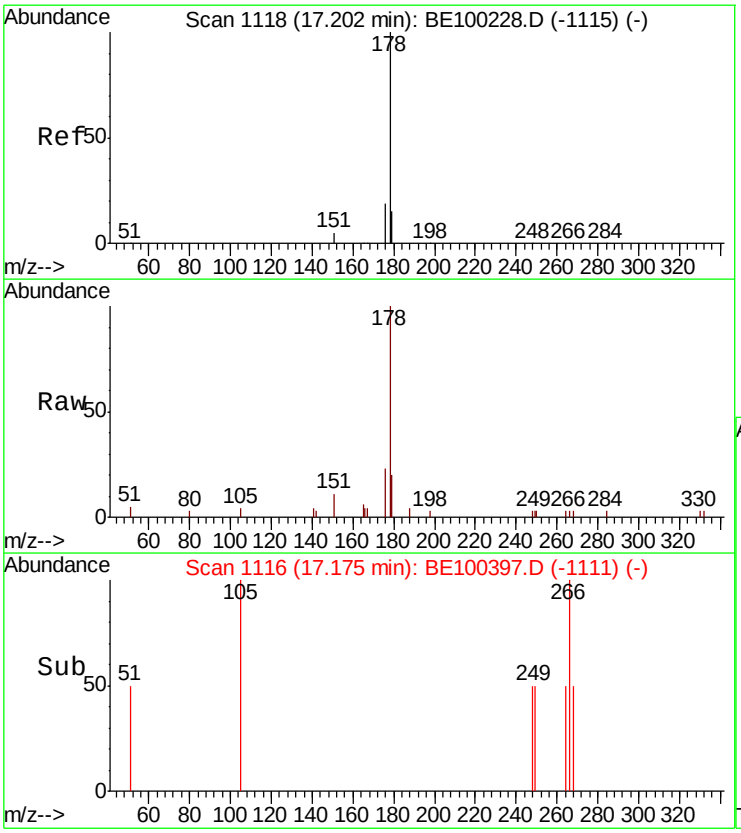
#23
Phenanthrene
Concen: 1.767 ng
RT: 17.08 min Scan# 1109
Delta R.T. -0.03 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:178 Resp: 21778

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.6	12.2	18.2

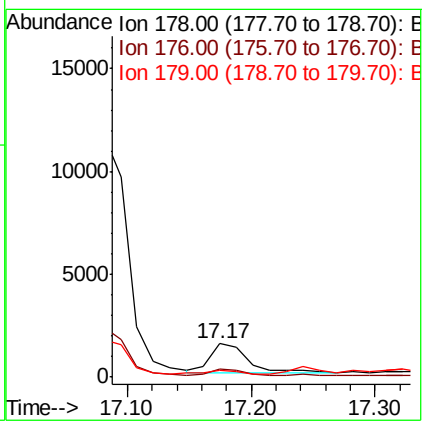


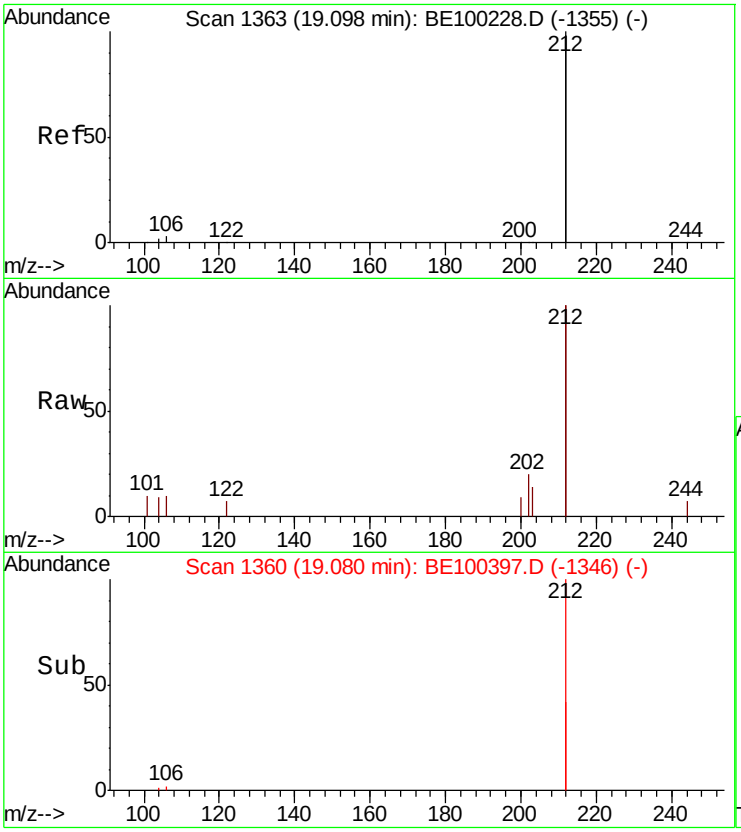


#24
Anthracene
Concen: 0.274 ng
RT: 17.17 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:178 Resp: 3045

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	9.7	12.2	18.2#



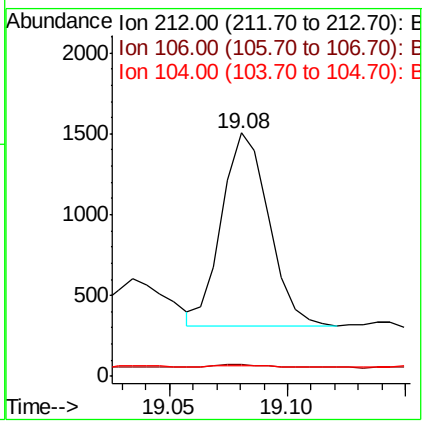


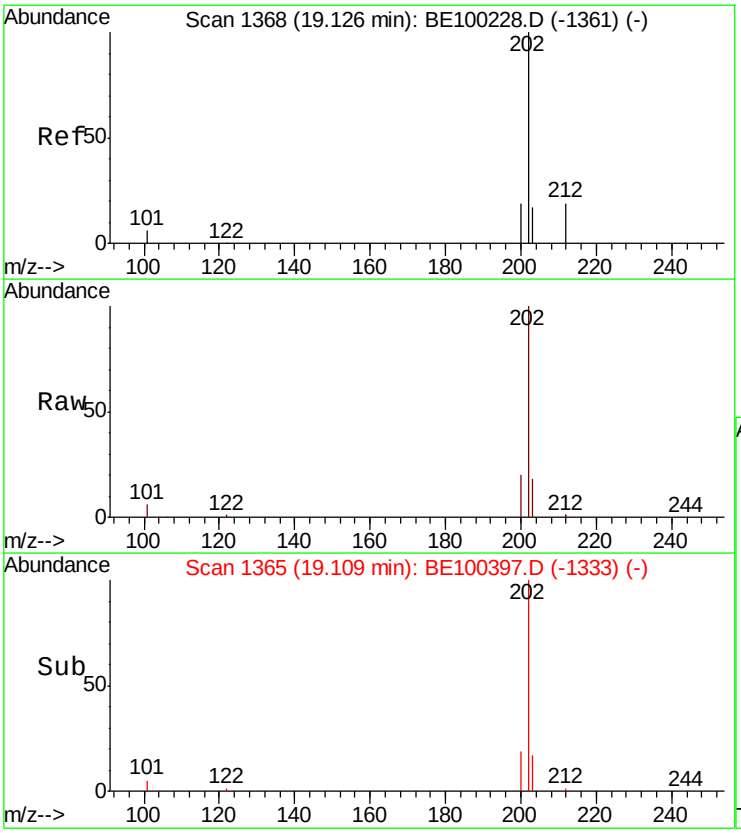
#25
Fluoranthene-d10
Concen: 0.022 ng
RT: 19.08 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:212 Resp: 1649

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.3	1.9#
104	1.2	0.8	1.2#

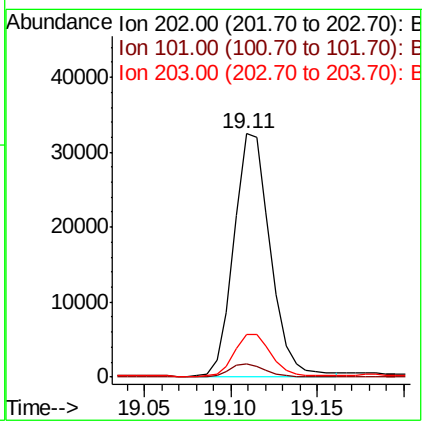


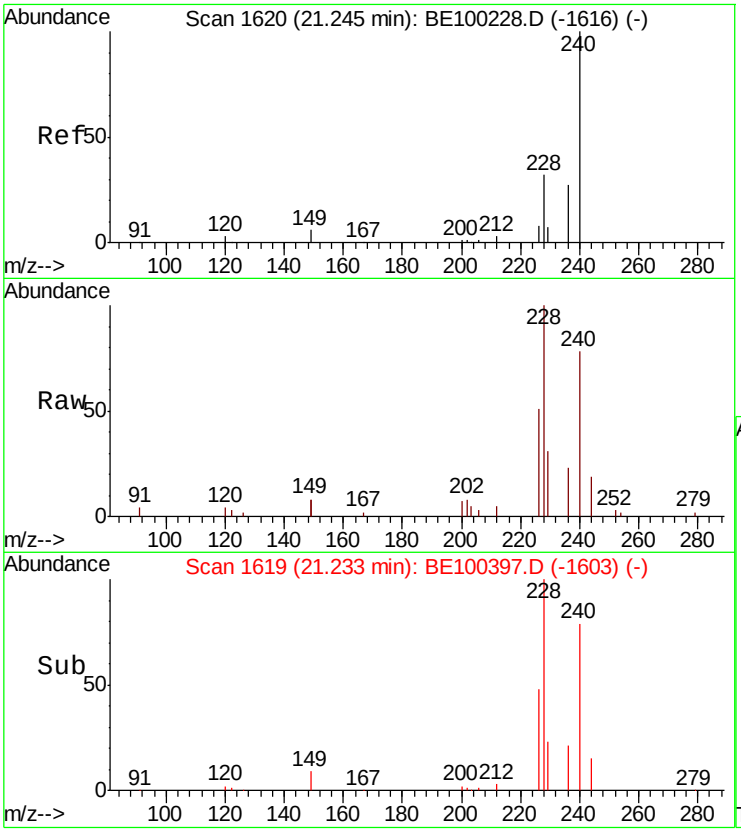


#26
Fluoranthene
Concen: 2.408 ng
RT: 19.11 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:202 Resp: 47274

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.6	7.0
203	17.7	13.7	20.5



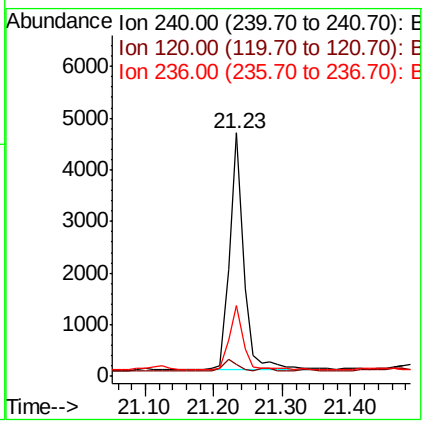


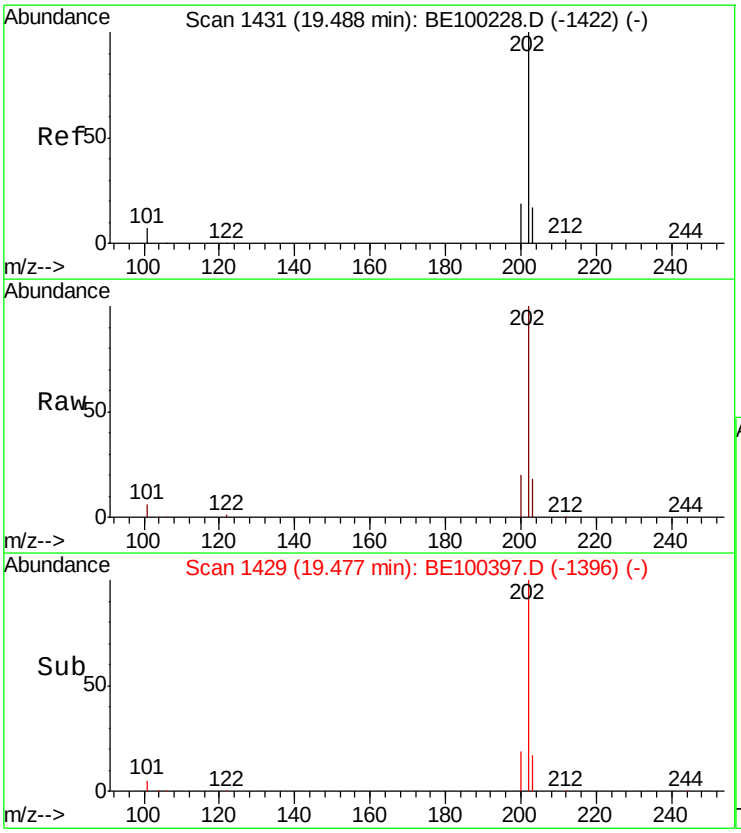
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:240 Resp: 6627

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.3	4.9
236	29.1	22.6	34.0

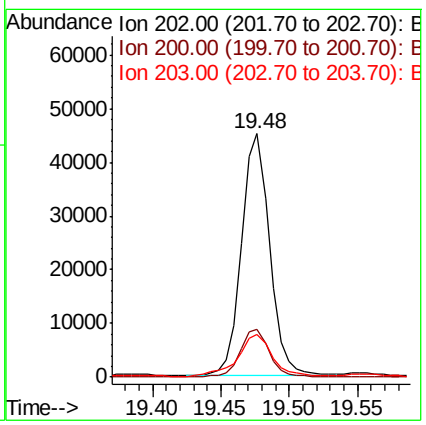


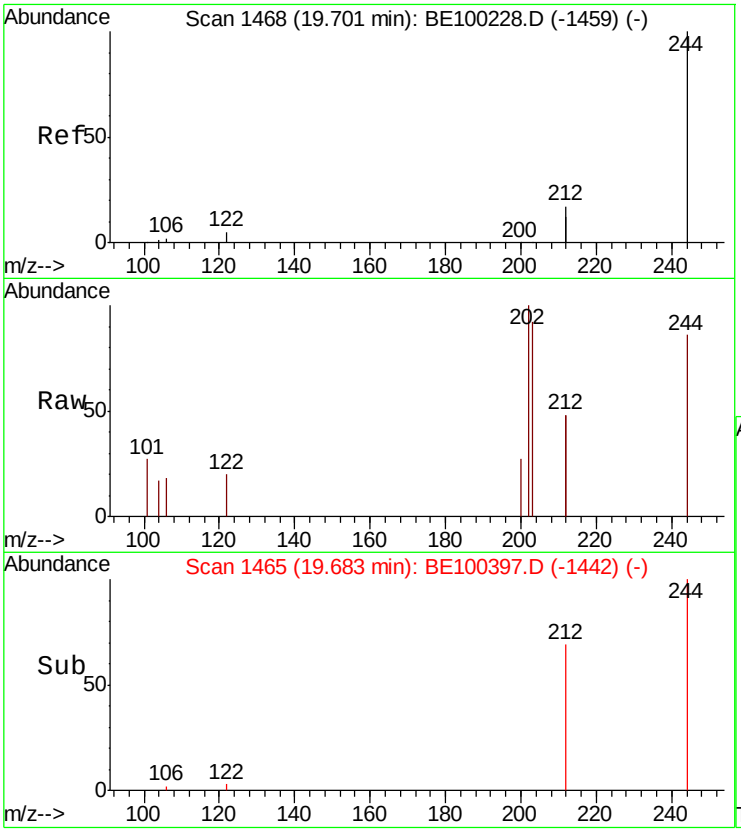


#28
Pyrene
Concen: 3.674 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:202 Resp: 64469

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	20.5	14.0	21.0



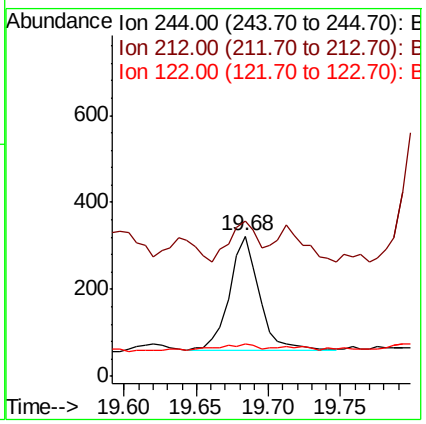


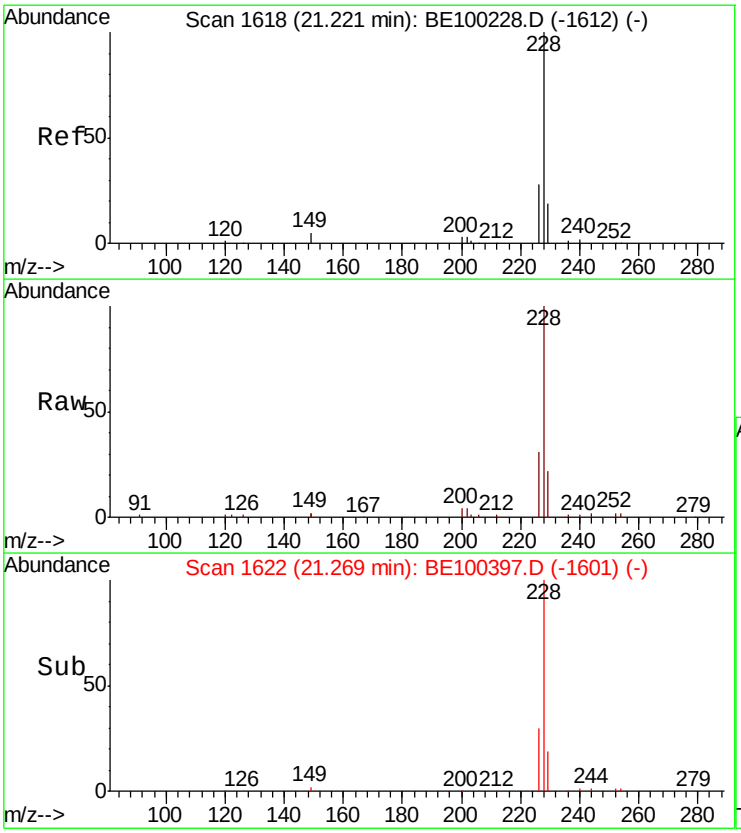
#29
Terphenyl-d14
Concen: 0.027 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:244 Resp: 377

Ion	Ratio	Lower	Upper
244	100		
212	111.2	27.3	40.9#
122	23.0	4.7	7.1#

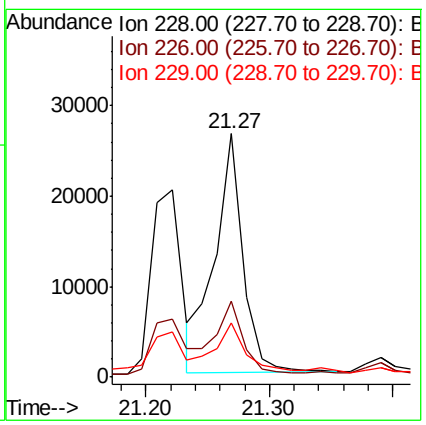


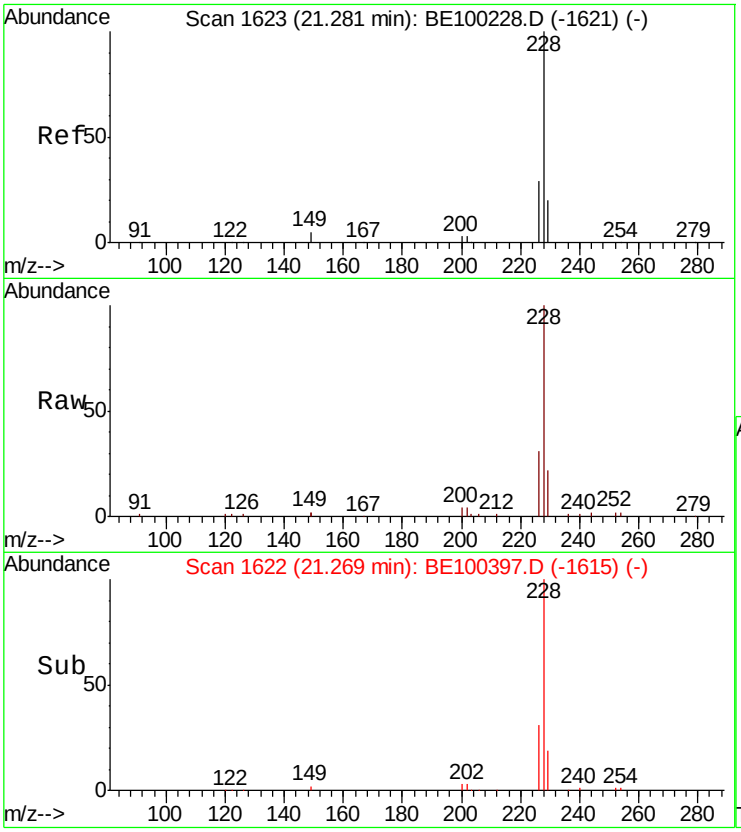


#30
Benzo(a)anthracene
Concen: 1.943 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.05 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:228 Resp: 42345

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.2	34.8
229	22.2	15.7	23.5



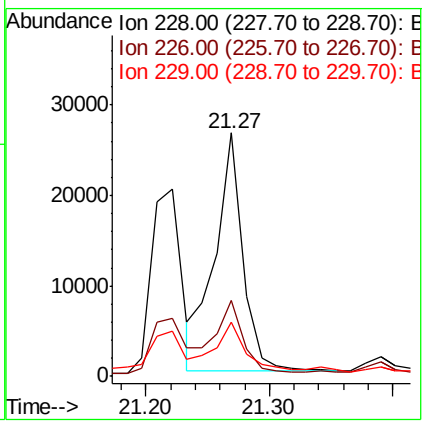


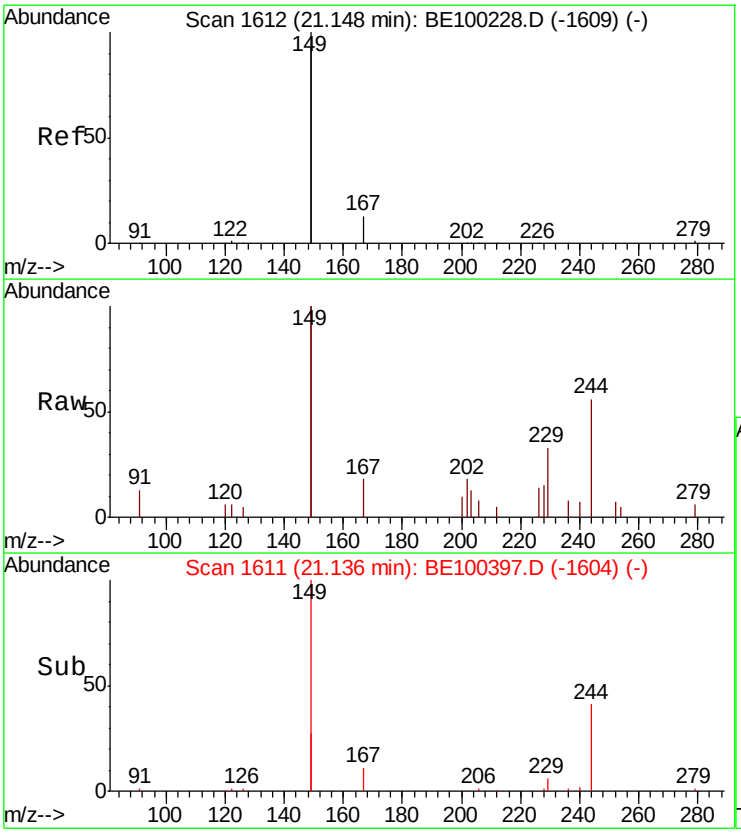
#31
Chrysene
Concen: 1.903 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:228 Resp: 41641

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	22.2	16.5	24.7

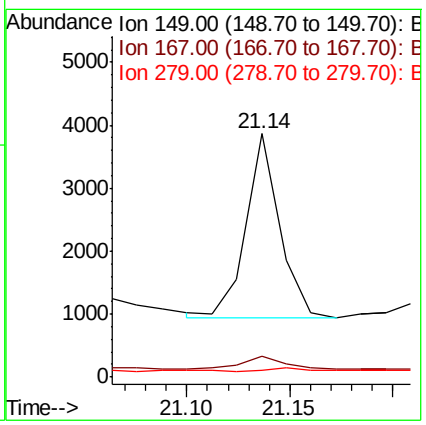


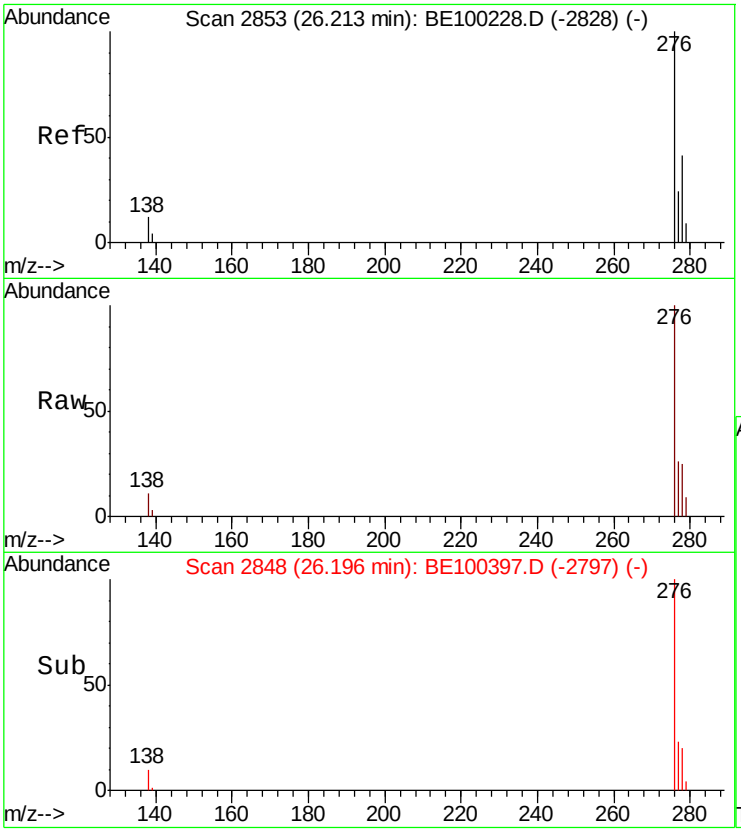


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:149 Resp: 3334

Ion	Ratio	Lower	Upper
149	100		
167	8.6	5.8	8.8
279	2.1	1.1	1.7#



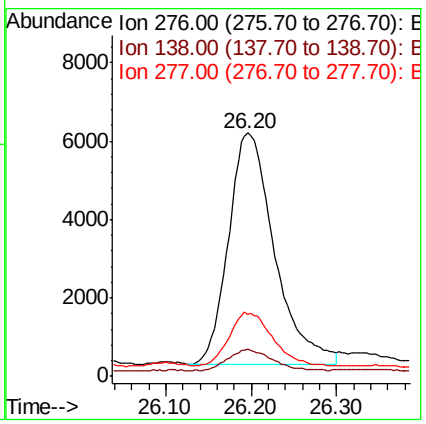


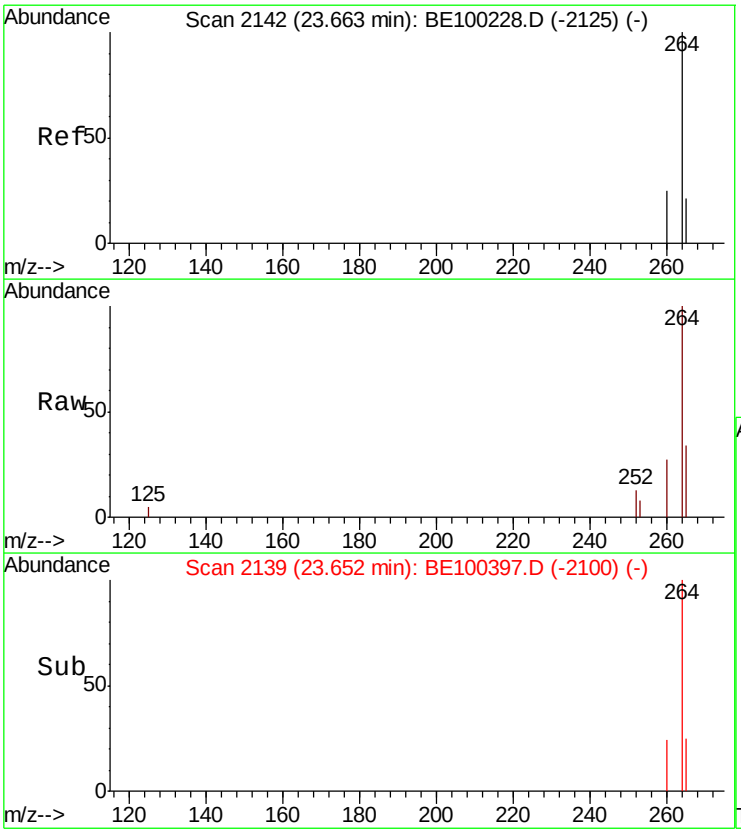
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.768 ng
RT: 26.20 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:276 Resp: 22229

Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.4	14.0#
277	22.1	19.2	28.8

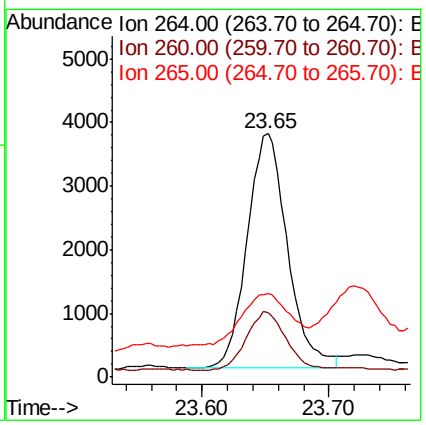


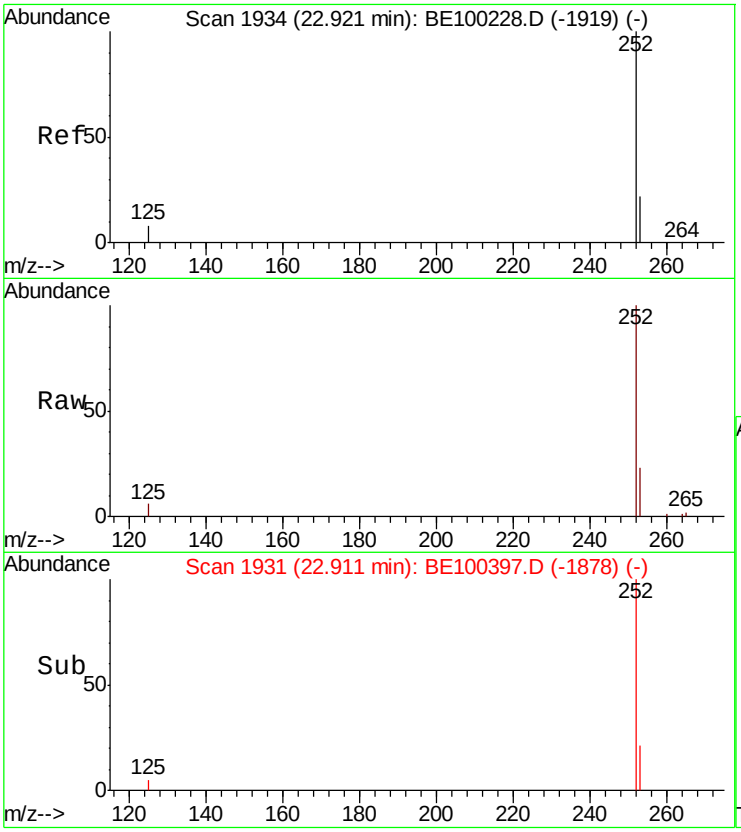


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:264 Resp: 8196

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	34.4	21.8	32.6#



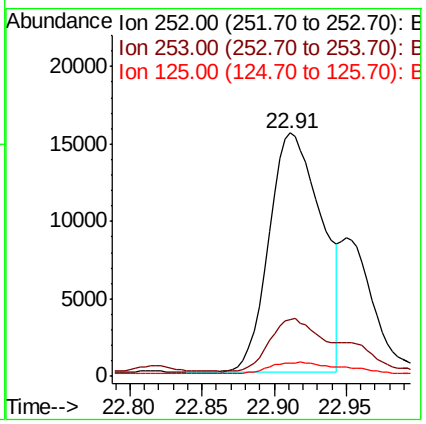


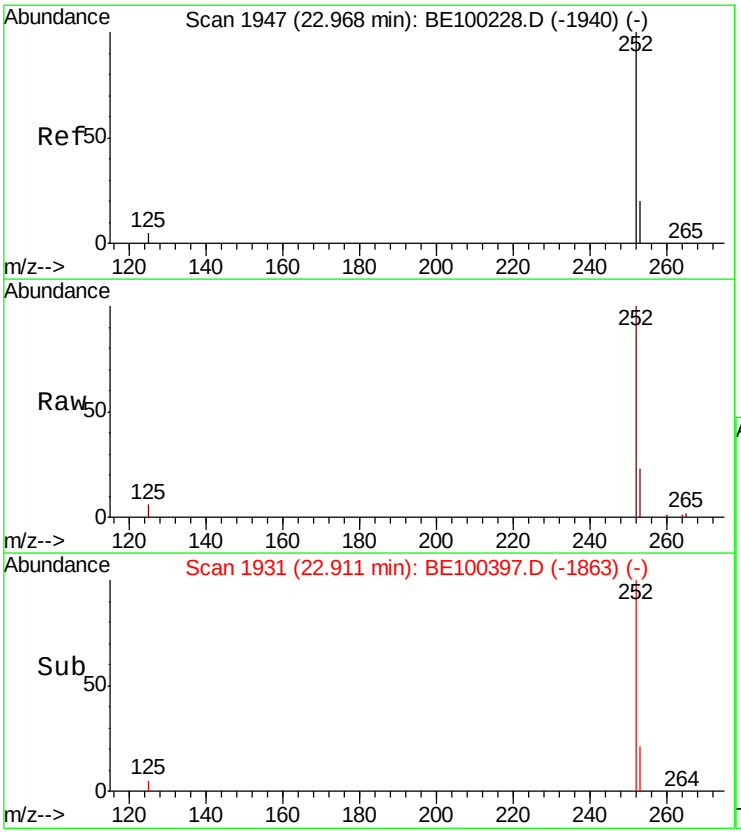
#35
Benzo(b)fluoranthene
Concen: 1.765 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:252 Resp: 39226

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	5.6	7.4	11.0#

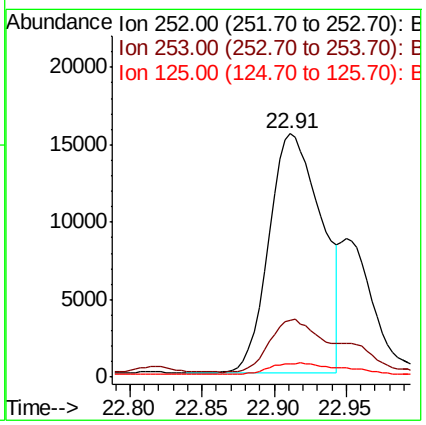


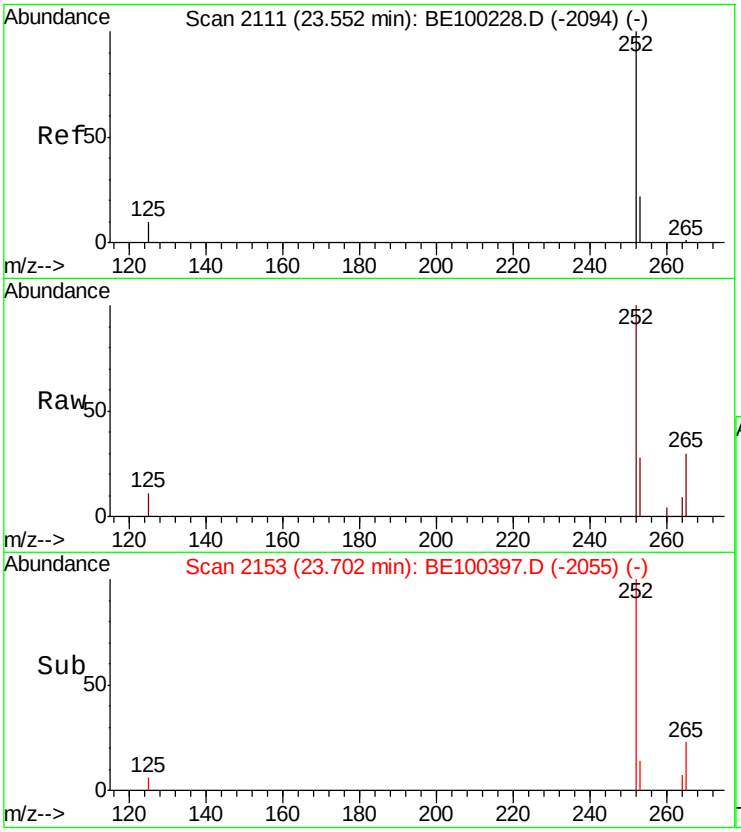


#36
Benzo(k)fluoranthene
Concen: 1.581 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:252 Resp: 39226

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	5.6	5.0	7.4



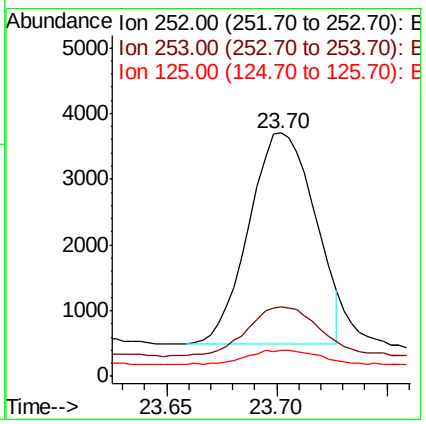


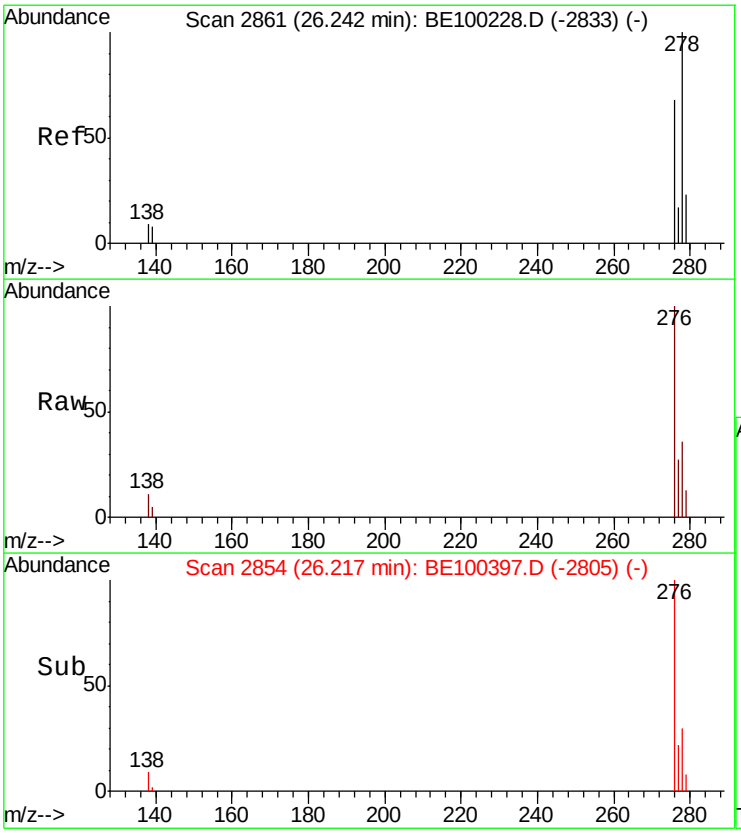
#37
Benzo(a)pyrene
Concen: 0.298 ng
RT: 23.70 min Scan# 2153
Delta R.T. 0.15 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:252 Resp: 6633

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.6	29.4
125	10.7	9.0	13.6

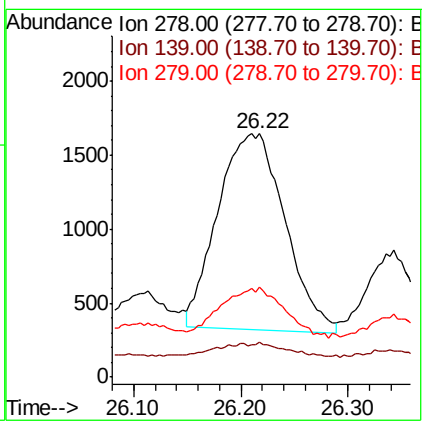


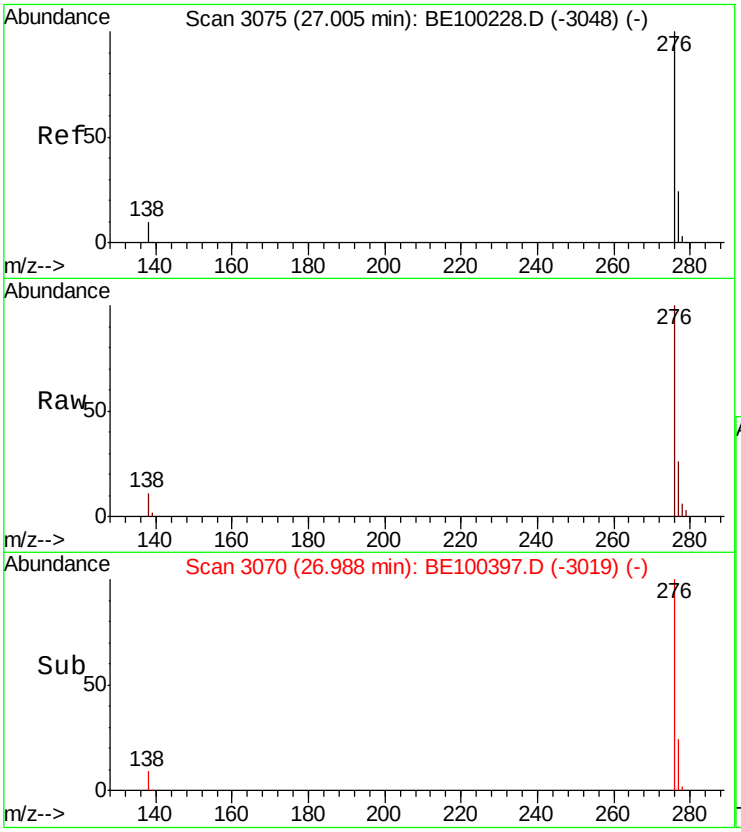


#38
Dibenzo(a,h)anthracene
Concen: 0.246 ng
RT: 26.22 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Tgt Ion:278 Resp: 5717

Ion	Ratio	Lower	Upper
278	100		
139	14.2	8.2	12.2#
279	37.0	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.110 ng
RT: 26.99 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BE100397.D
Acq: 6 Jul 2019 1:14

Instrument :
BNA_E
ClientSampleId :
EXT-015-SW082-062519DL

Tgt Ion:276 Resp: 26520

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.2	30.2
138	10.8	9.0	13.6