Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100376.D
Acq On : 5 Jul 2019 11:57
Operator : JU/SJ
Sample : K3560-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-009-SW149-062419

Quant Time: Jul 06 00:10:48 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	7.62	152	536	0.40	ng		-0.02
7) Naphthalene-d8	10.42	136	1647	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	1346	0.40	ng		-0.01
19) Phenanthrene-d10	17.05	188	4657	0.40	ng		0.00
27) Chrysene-d12	21.23	240	6863	0.40	ng		-0.01
34) Perylene-d12	23.65	264	8199	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	591	0.43	ng		-0.02
5) Phenol-d6	6.82	99	704	0.39	ng		-0.02
8) Nitrobenzene-d5	8.81	82	511	0.31	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1163	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	488	0.52	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	1934	0.37	ng		-0.01
25) Fluoranthene-d10	19.09	212	25789	0.38	ng		-0.01
29) Terphenyl-d14	19.68	244	5038	0.35	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.48	42	26	0.067	ng	#	14
16) Acenaphthylene	14.02	152	193	0.030	ng	#	83
22) Pentachlorophenol	16.76	266	22	0.024	ng	#	74
23) Phenanthrene	17.09	178	1754	0.155	ng		98
26) Fluoranthene	19.12	202	4150	0.231	ng		99
28) Pyrene	19.48	202	4993	0.275	ng		98
30) Benzo(a)anthracene	21.22	228	2303	0.102	ng	#	88
31) Chrysene	21.27	228	2980	0.132	ng	#	92
32) Bis(2-ethylhexyl)phthalate	21.14	149	3313	0.046	ng		98
33) Indeno(1,2,3-cd)pyrene	26.21	276	1752	0.058	ng	#	93
35) Benzo(b)fluoranthene	22.92	252	3354	0.151	ng	#	85
36) Benzo(k)fluoranthene	22.92	252	3354	0.135	ng	#	80
37) Benzo(a)pyrene	23.54	252	2262	0.102	ng	#	70
39) Benzo(g,h,i)perylene	26.99	276	2097	0.088	ng	#	79

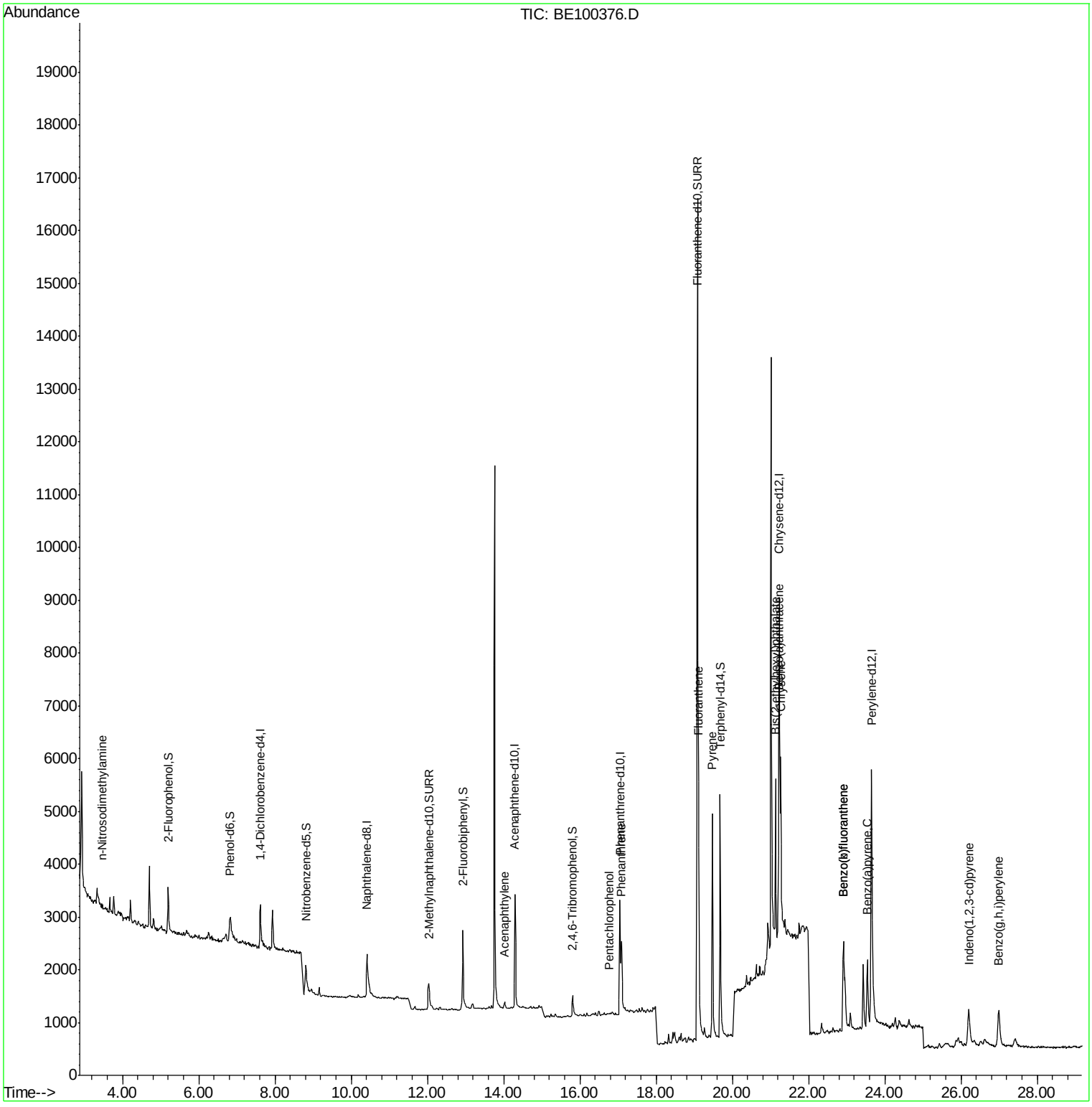
(#) = qualifier out of range (m) = manual integration (+) = signals summed

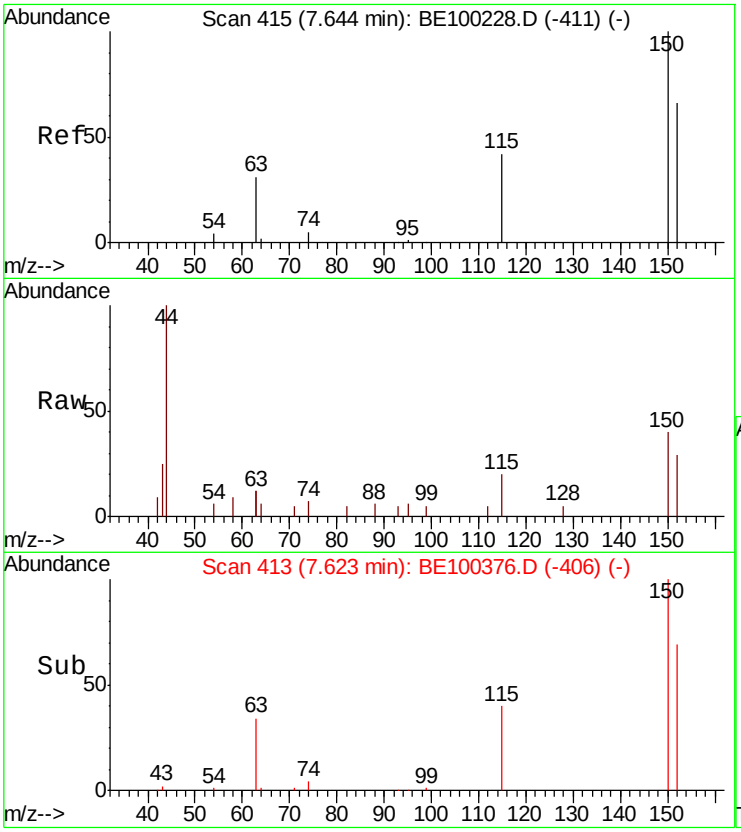
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
Data File : BE100376.D
Acq On : 5 Jul 2019 11:57
Operator : JU/SJ
Sample : K3560-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Quant Time: Jul 06 00:10:48 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



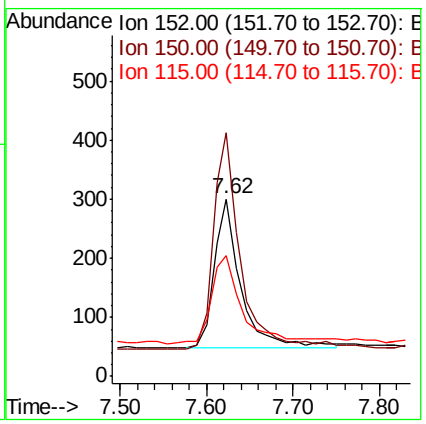


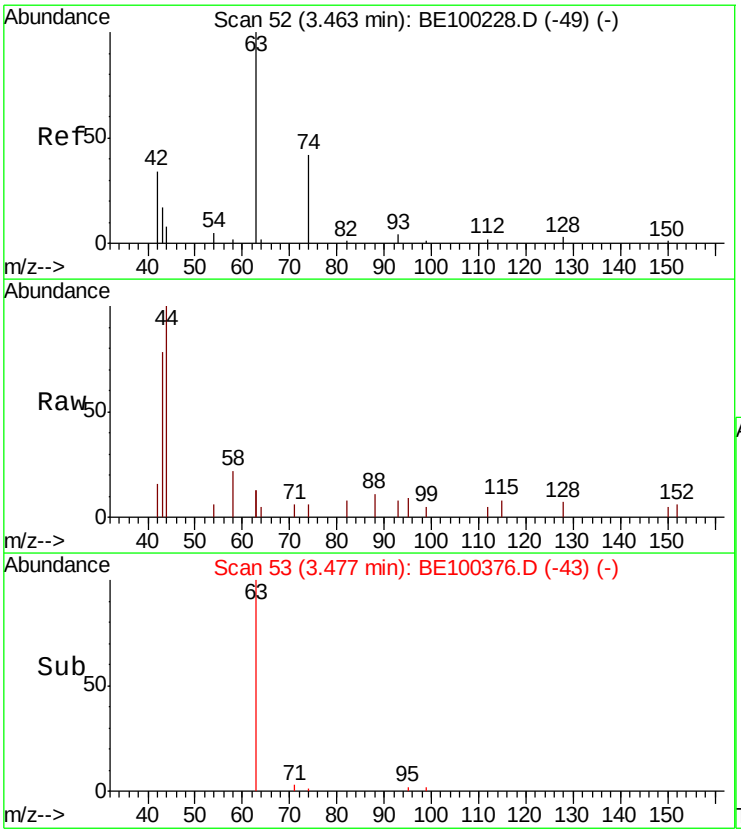
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:152 Resp: 536

Ion	Ratio	Lower	Upper
152	100		
150	137.3	114.5	171.7
115	68.3	57.1	85.7

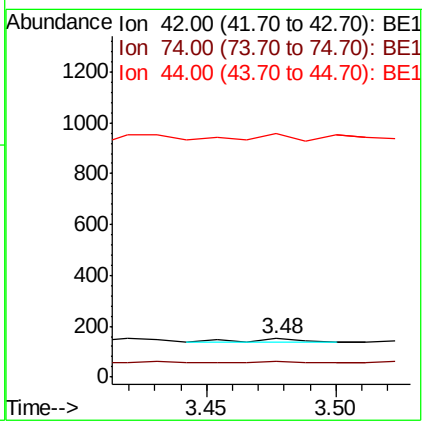


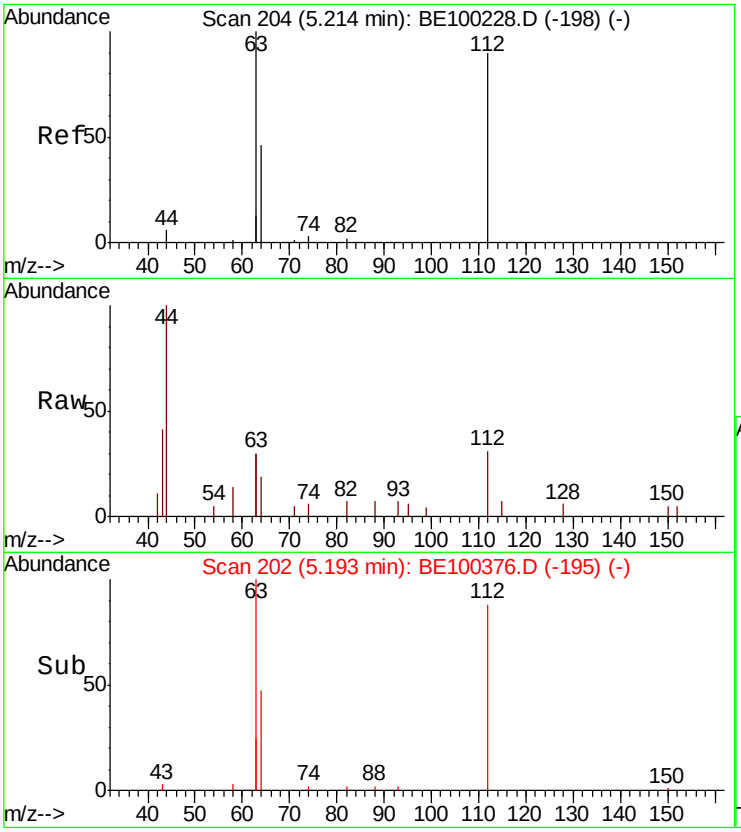


#3
n-Nitrosodimethylamine
Concen: 0.067 ng
RT: 3.48 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion: 42 Resp: 26

Ion	Ratio	Lower	Upper
42	100		
74	38.5	130.6	196.0#
44	88.5	38.0	57.0#



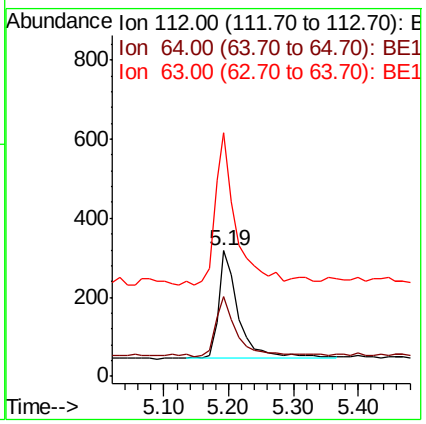


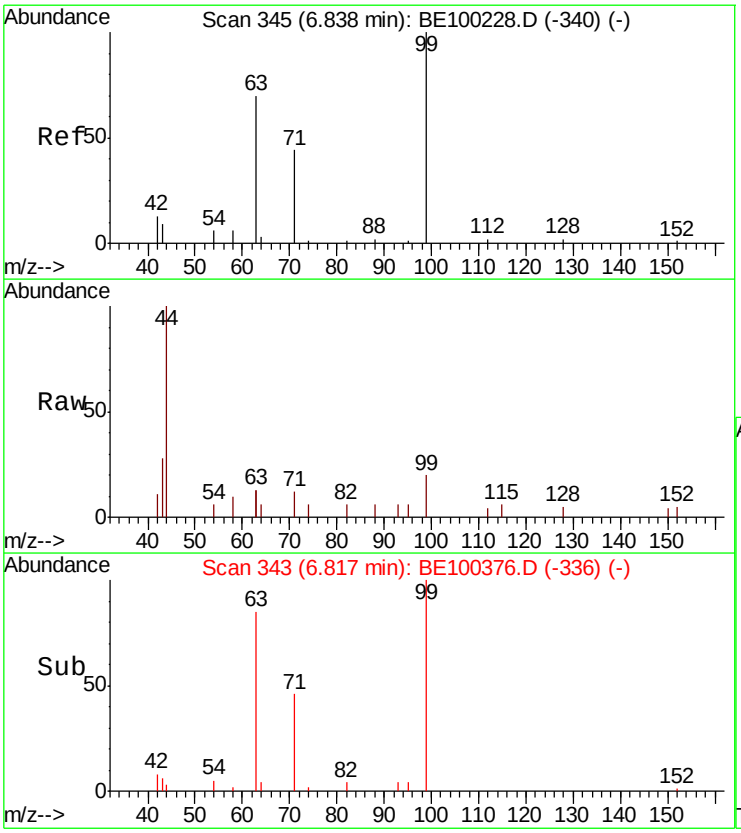
#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:112 Resp: 591

Ion	Ratio	Lower	Upper
112	100		
64	59.2	39.4	59.0#
63	148.2	104.5	156.7

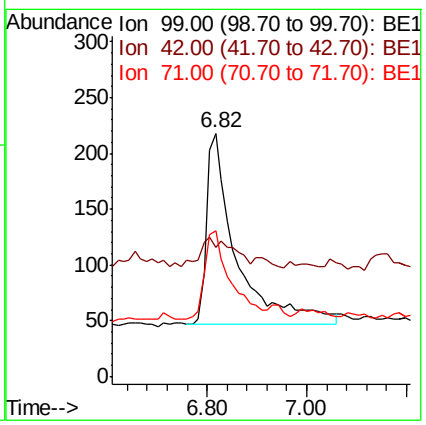


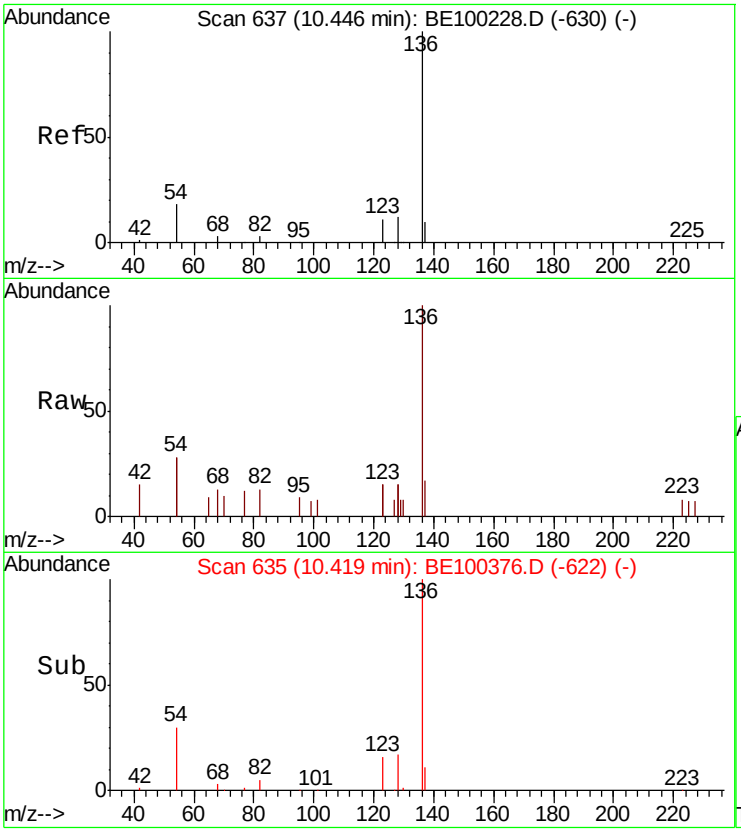


#5
Phenol-d6
Concen: 0.392 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion: 99 Resp: 704

Ion	Ratio	Lower	Upper
99	100		
42	16.6	11.2	16.8
71	39.2	37.2	55.8



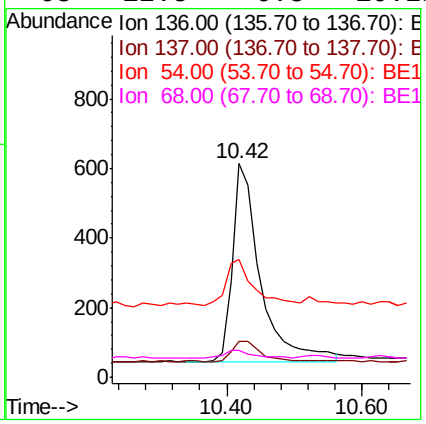


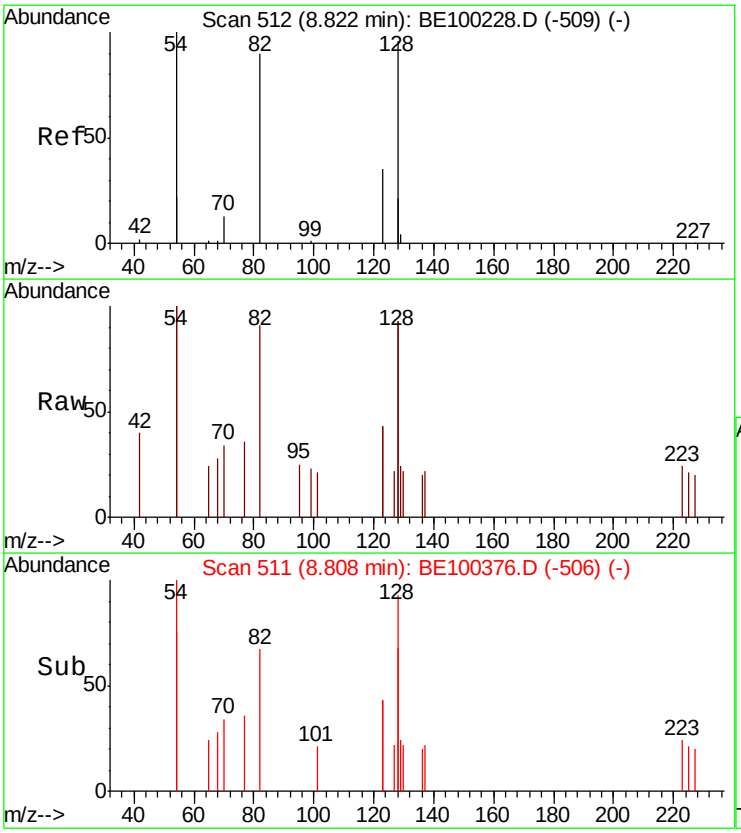
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 635
Delta R.T. -0.03 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:136 Resp: 1647

Ion	Ratio	Lower	Upper
136	100		
137	17.1	11.8	17.8
54	55.4	27.7	41.5#
68	12.5	6.8	10.2#

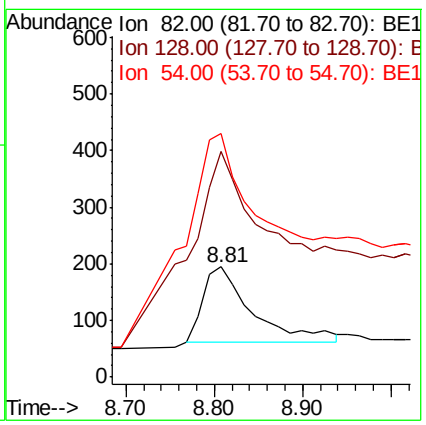


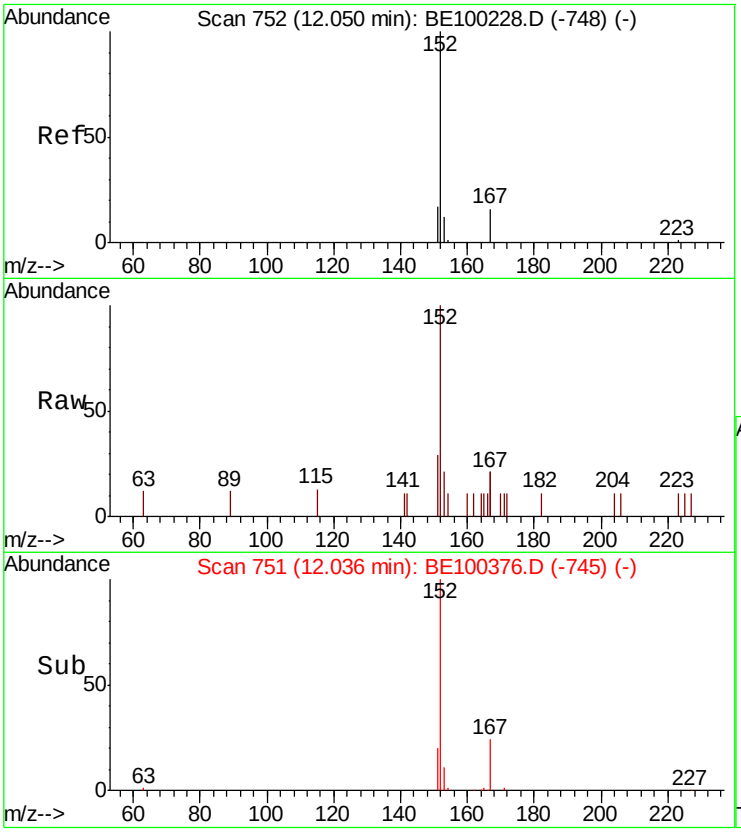


#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion: 82 Resp: 511

Ion	Ratio	Lower	Upper
82	100		
128	204.1	140.9	211.3
54	220.5	146.2	219.2#



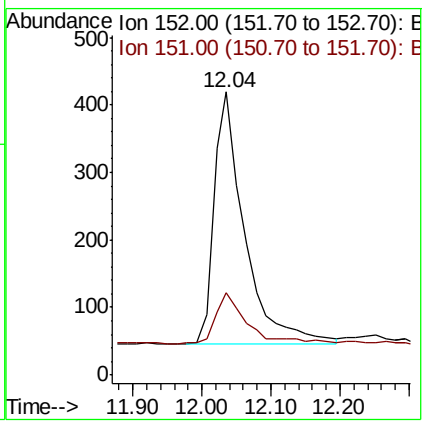


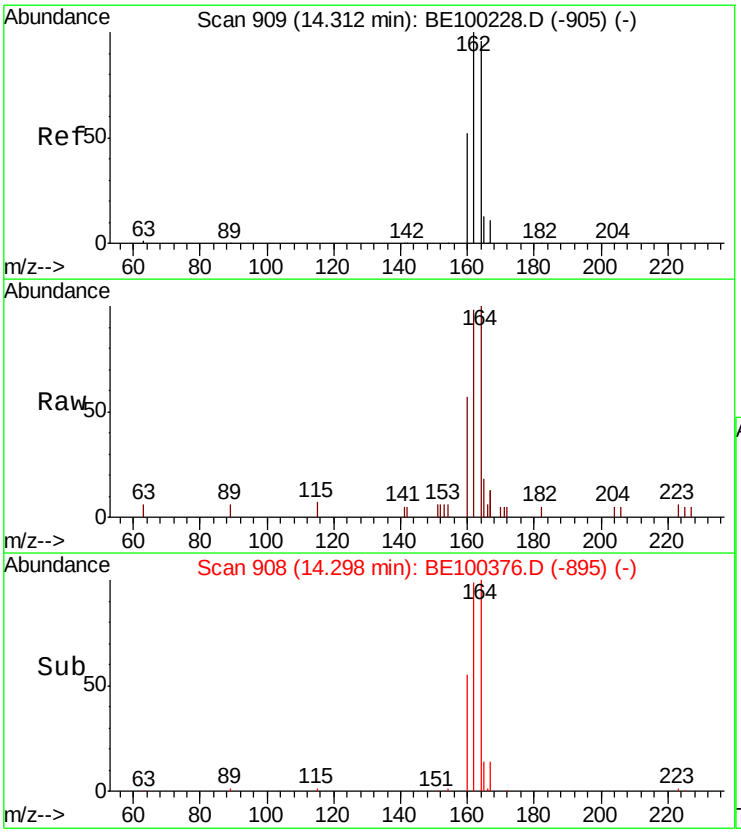
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:152 Resp: 1163

Ion	Ratio	Lower	Upper
152	100		
151	23.3	15.1	22.7#

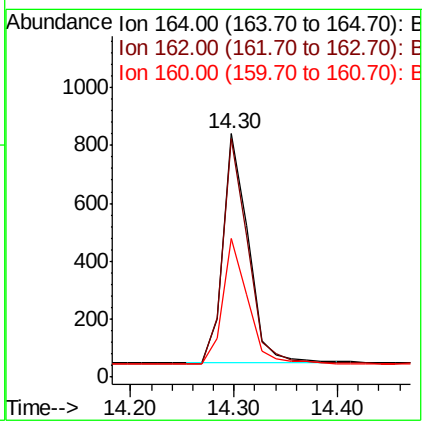


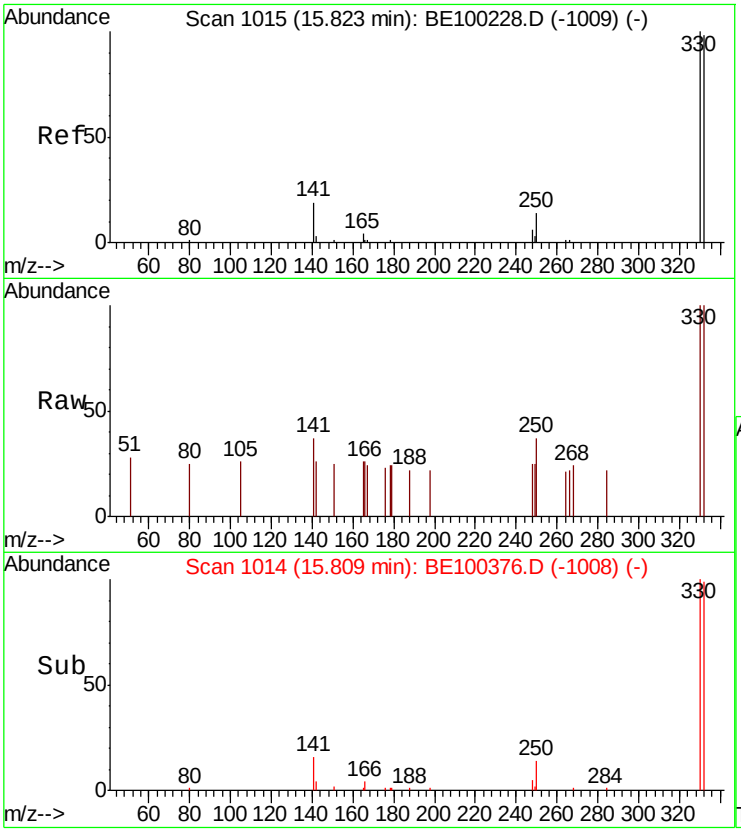


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:164 Resp: 1346

Ion	Ratio	Lower	Upper
164	100		
162	98.1	83.4	125.0
160	57.1	45.0	67.6



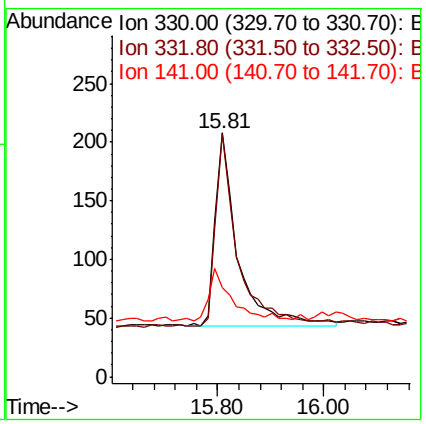


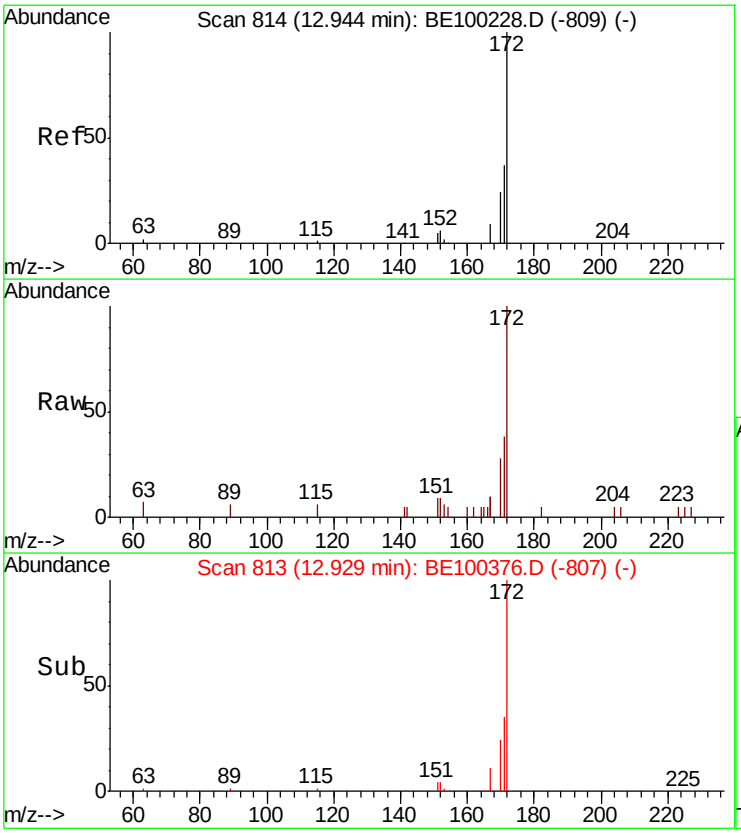
#14
2,4,6-Tribromophenol
Concen: 0.518 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:330 Resp: 488

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.4
141	24.2	22.0	33.0

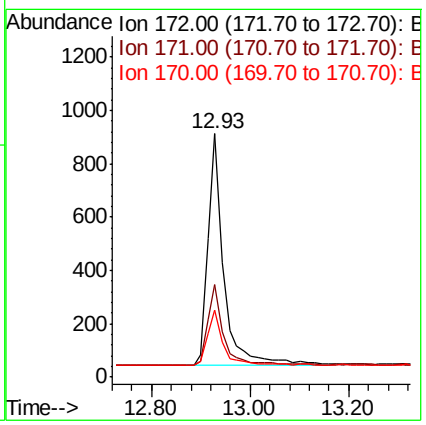


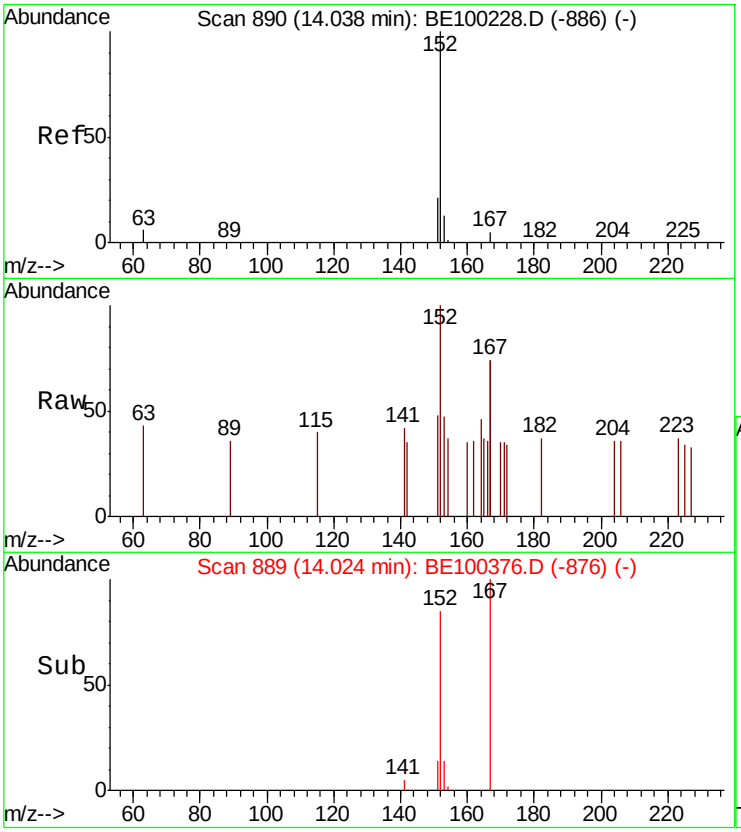


#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:172 Resp: 1934

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.9	47.9
170	27.7	22.2	33.2



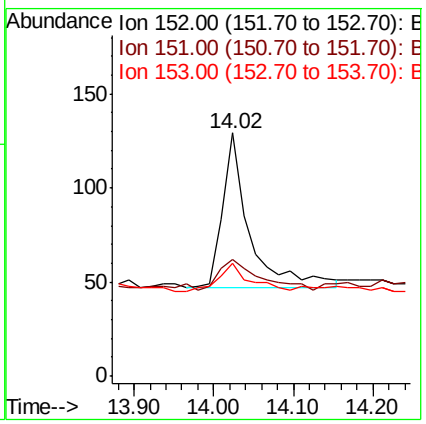


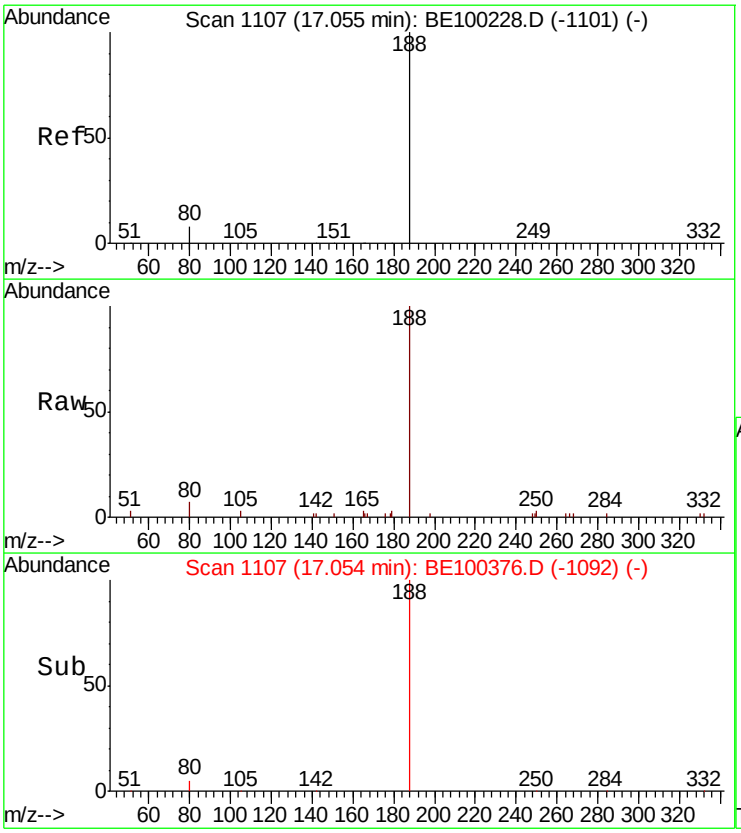
#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:152 Resp: 193

Ion	Ratio	Lower	Upper
152	100		
151	28.0	16.6	25.0#
153	21.2	10.5	15.7#

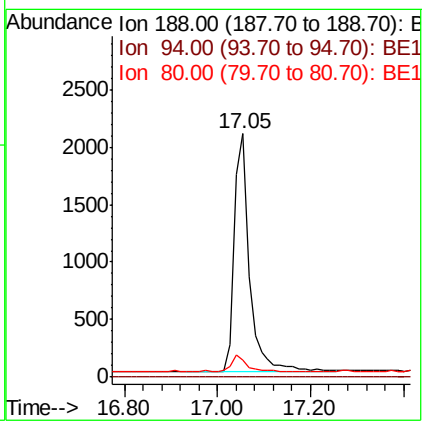


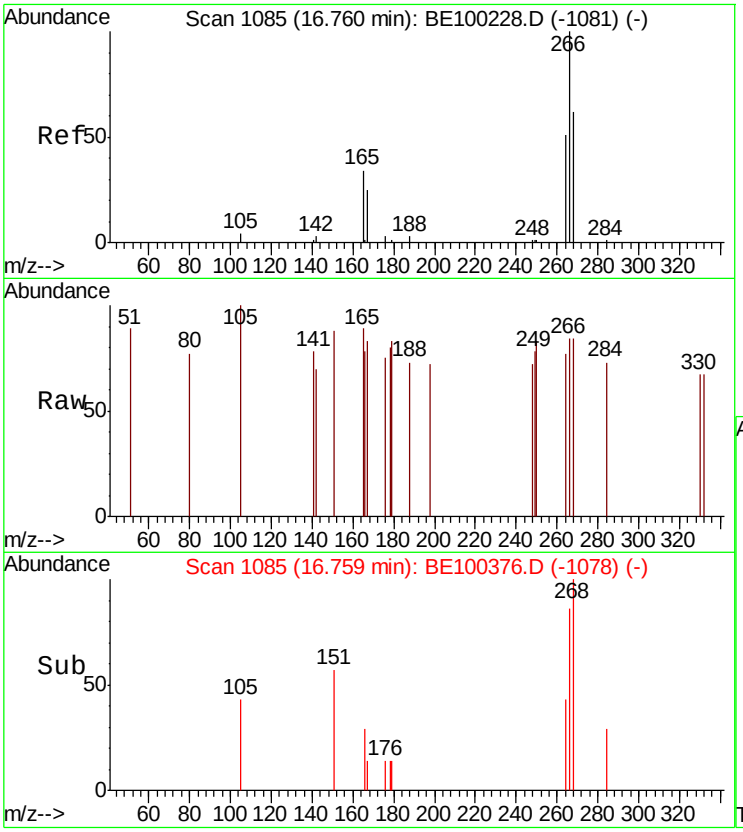


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:188 Resp: 4657

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	7.6	11.4#



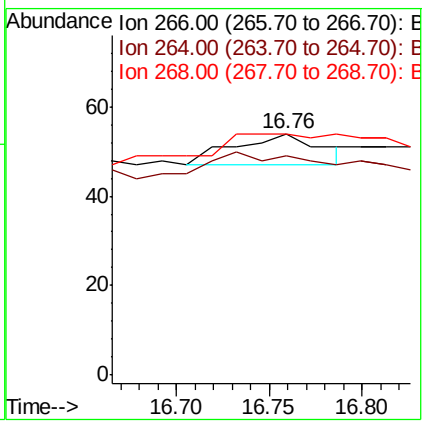


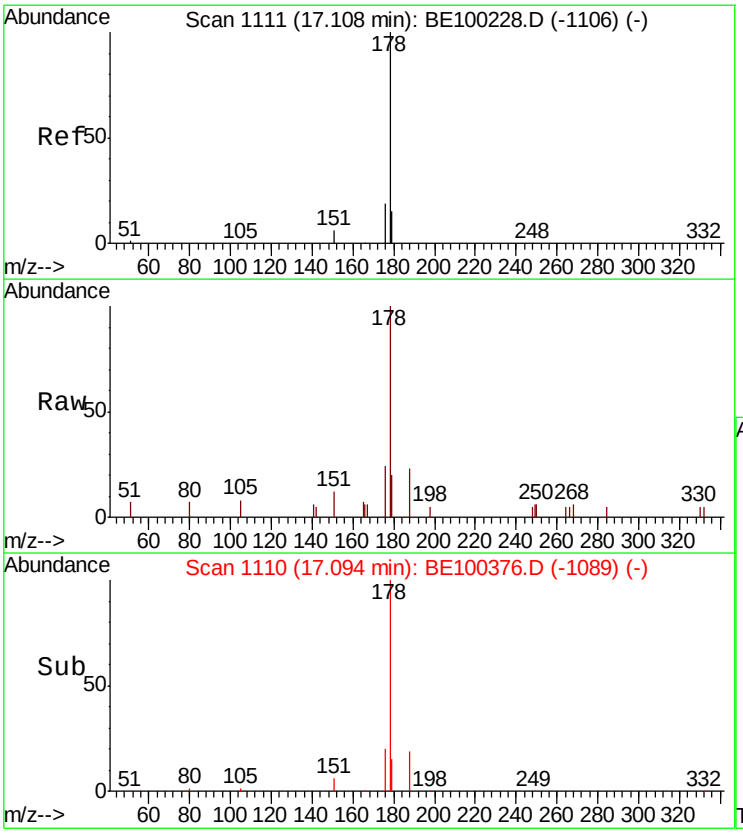
#22
Pentachlorophenol
Concen: 0.024 ng
RT: 16.76 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	90.7	56.2	84.2#
268	100.0	61.8	92.6#

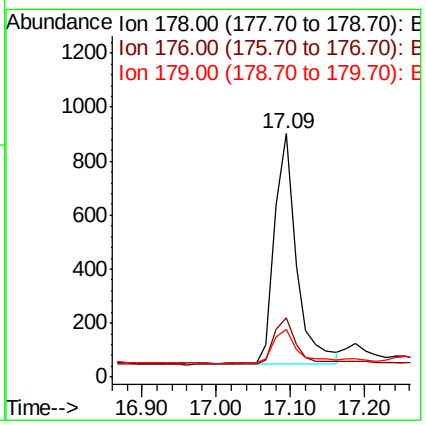


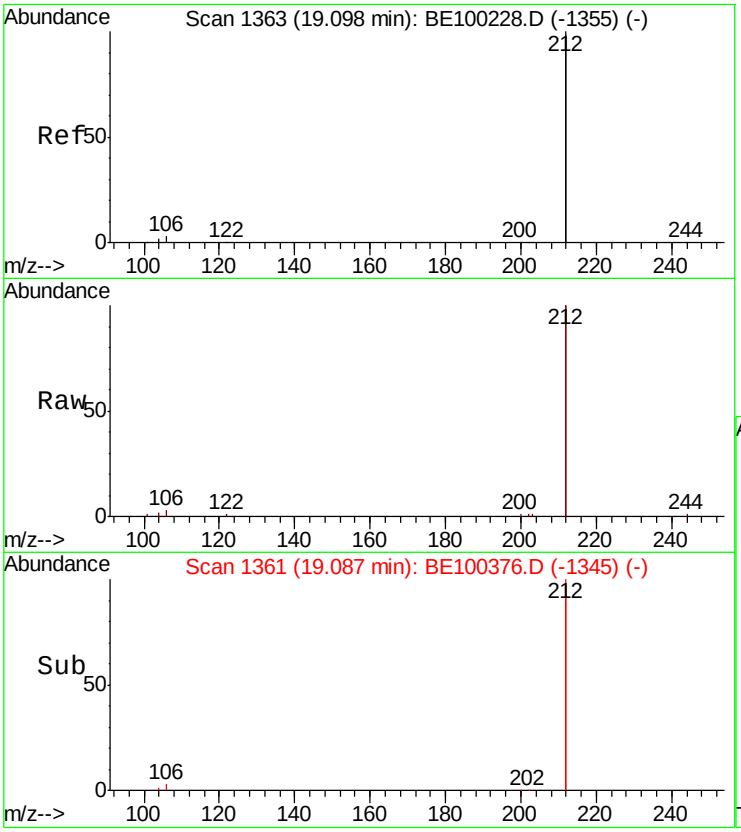


#23
Phenanthrene
Concen: 0.155 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:178 Resp: 1754

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.9	23.9
179	16.6	12.2	18.2



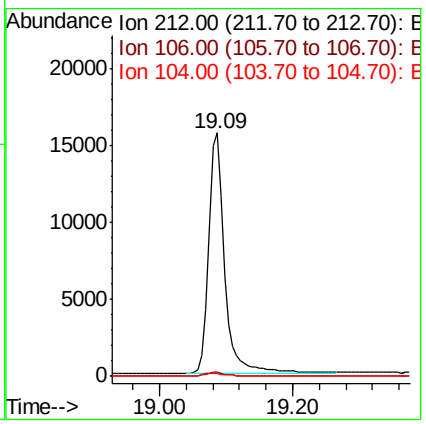


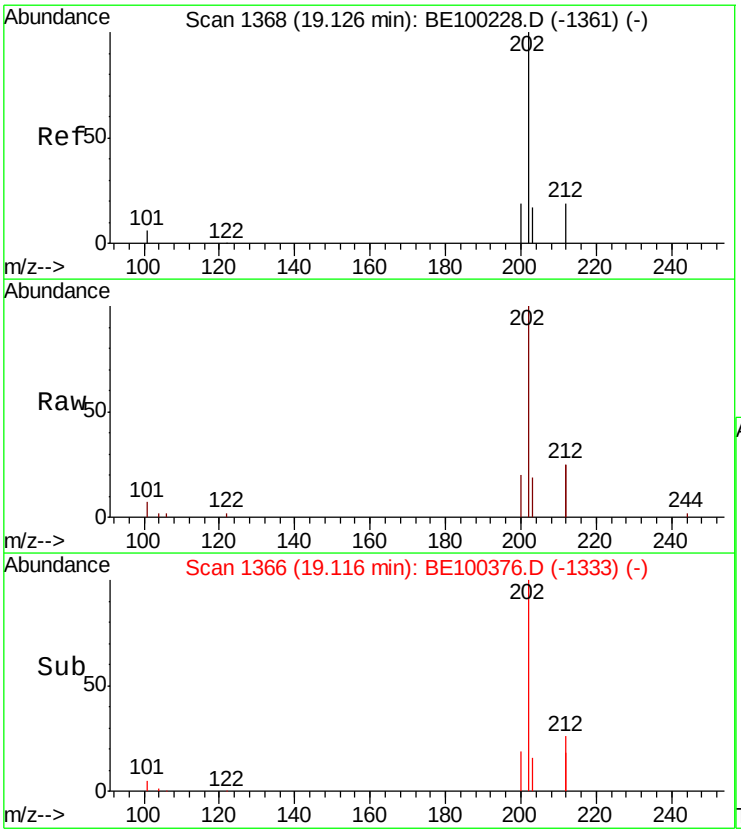
#25
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:212 Resp: 25789

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

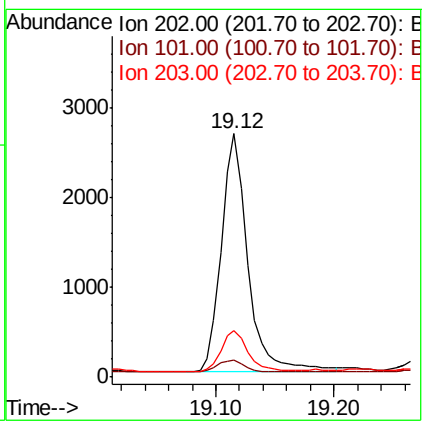


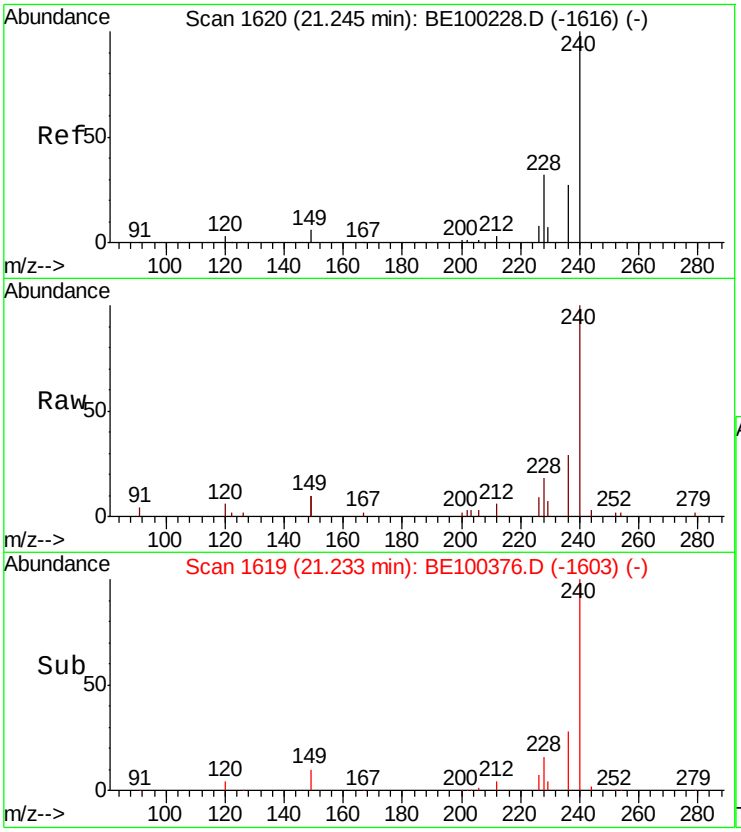


#26
Fluoranthene
Concen: 0.231 ng
RT: 19.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:202 Resp: 4150

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	16.8	13.7	20.5



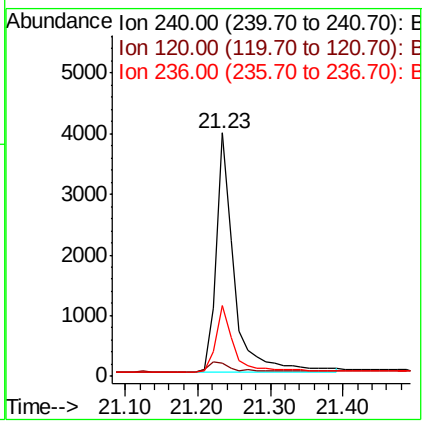


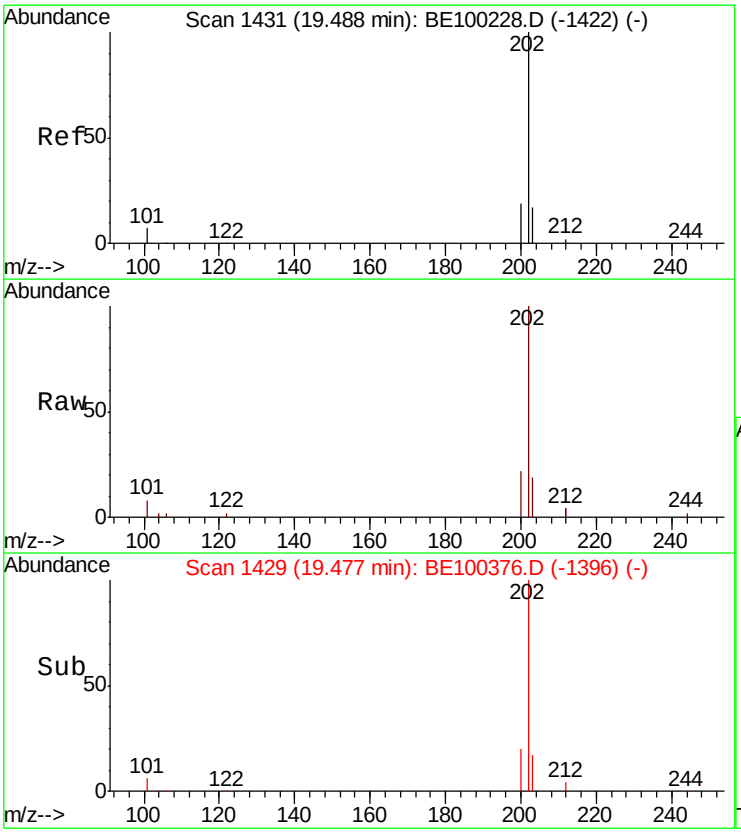
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:240 Resp: 6863

Ion	Ratio	Lower	Upper
240	100		
120	5.6	3.3	4.9#
236	29.2	22.6	34.0

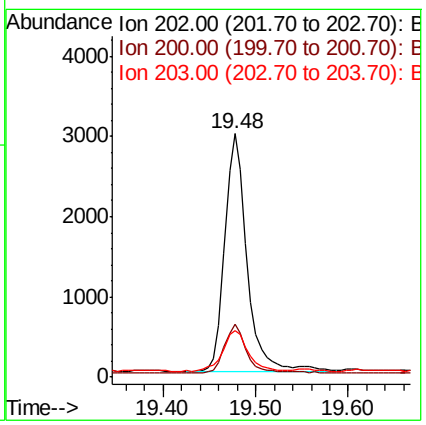


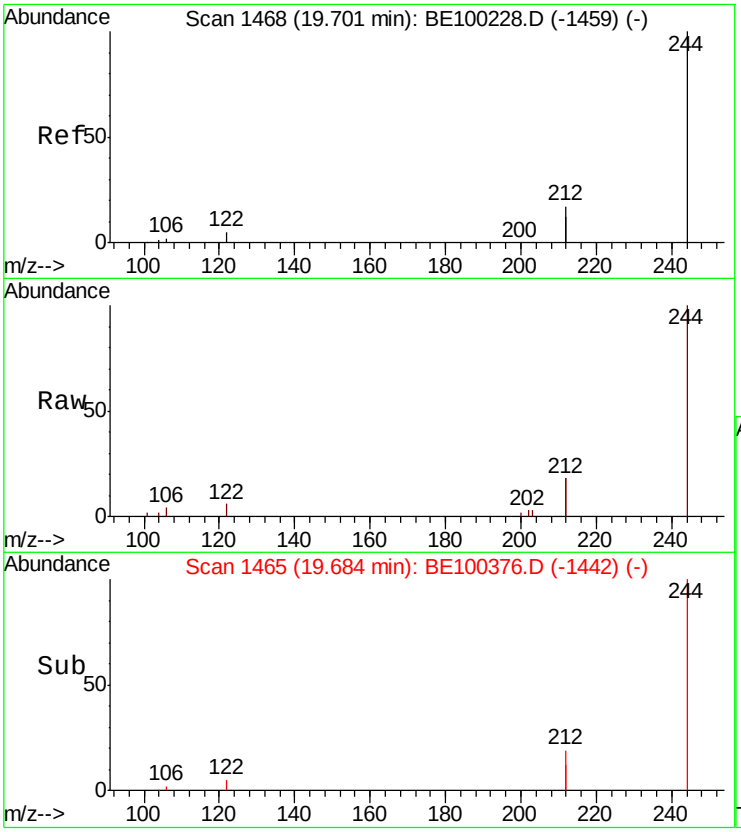


#28
Pyrene
Concen: 0.275 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:202 Resp: 4993

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	18.8	14.0	21.0



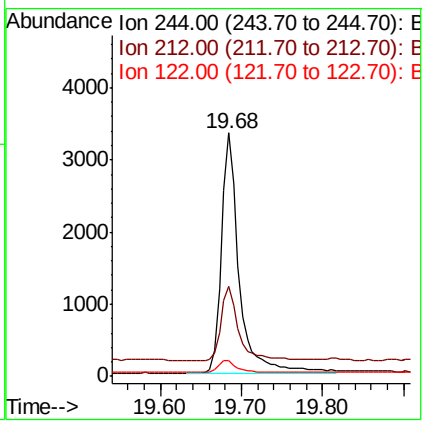


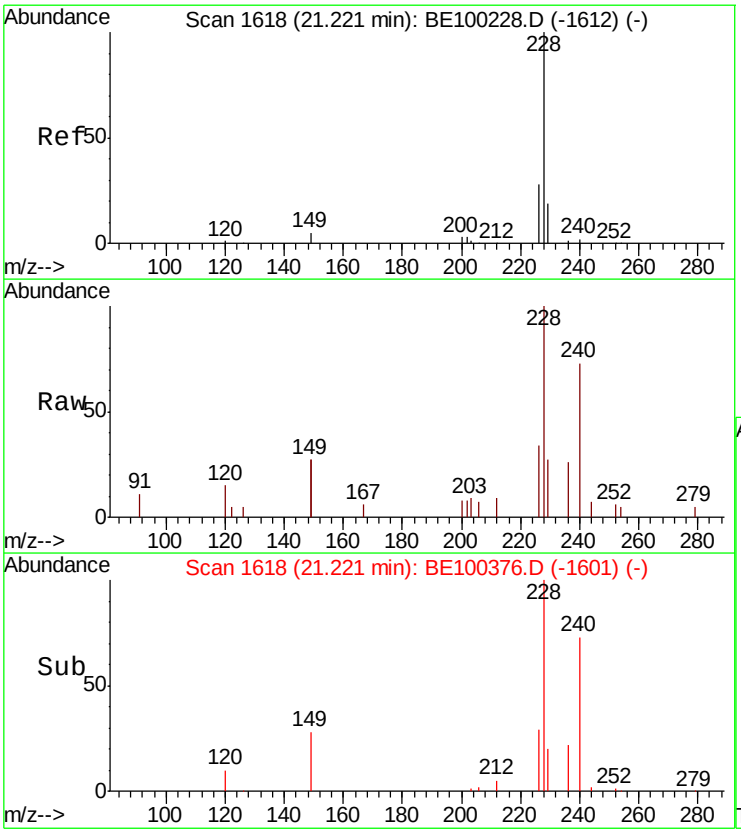
#29
Terphenyl-d14
Concen: 0.354 ng
RT: 19.68 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:244 Resp: 5038

Ion	Ratio	Lower	Upper
244	100		
212	37.0	27.3	40.9
122	6.3	4.7	7.1

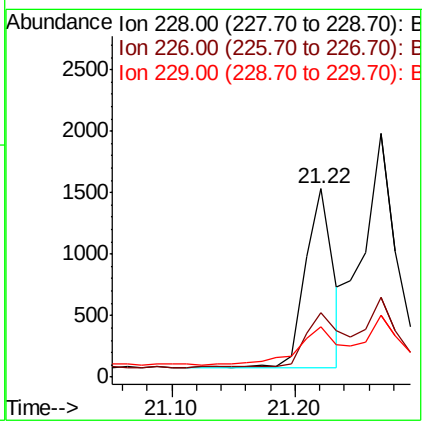


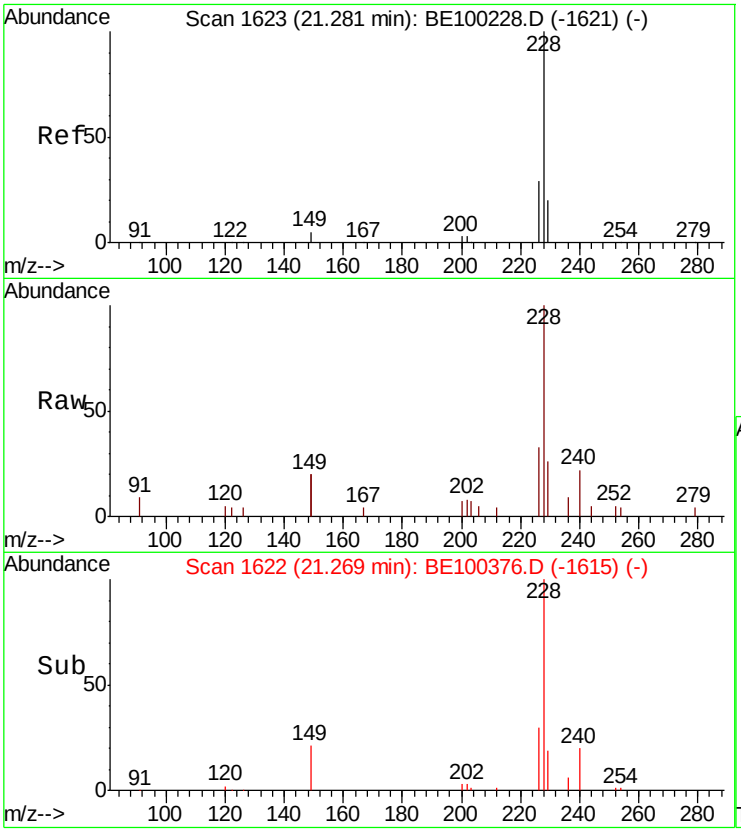


#30
Benzo(a)anthracene
Concen: 0.102 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:228 Resp: 2303

Ion	Ratio	Lower	Upper
228	100		
226	34.1	23.2	34.8
229	26.8	15.7	23.5#



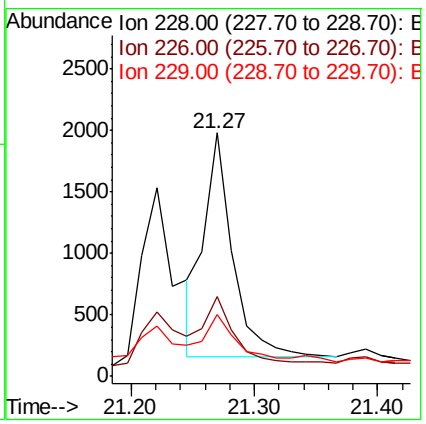


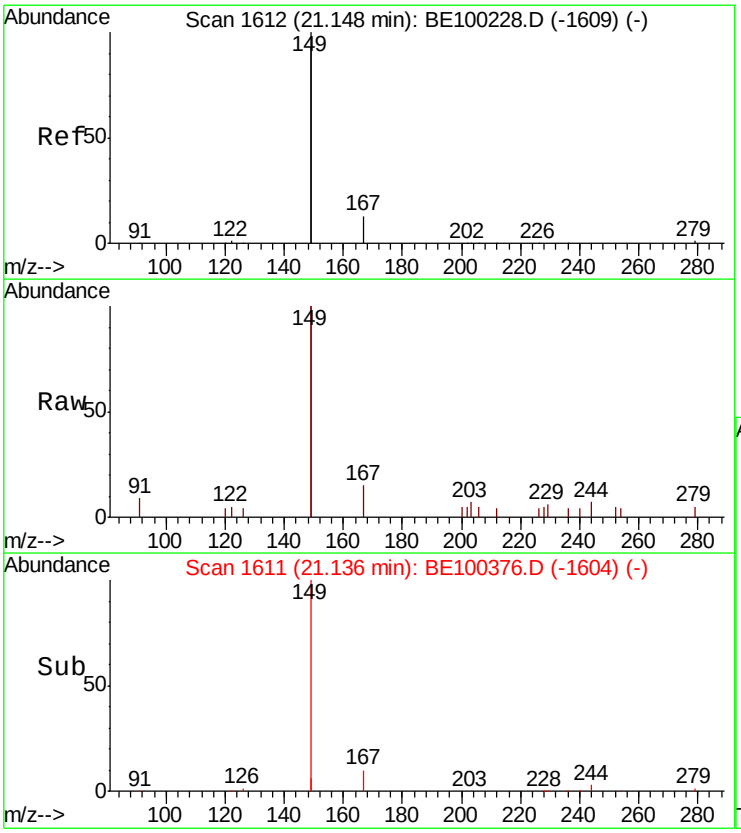
#31
Chrysene
Concen: 0.132 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:228 Resp: 2980

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.9	35.9
229	25.6	16.5	24.7#

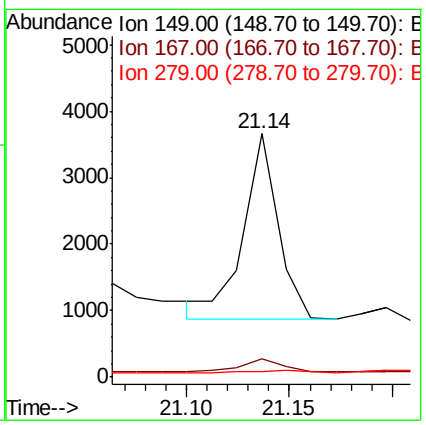


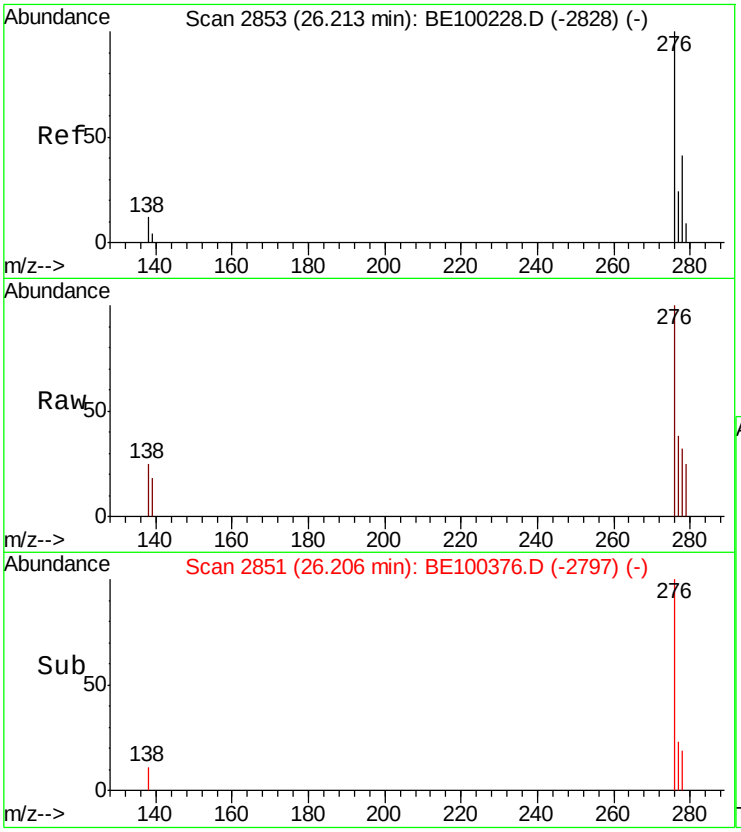


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.046 ng
RT: 21.14 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:149 Resp: 3313

Ion	Ratio	Lower	Upper
149	100		
167	8.2	5.8	8.8
279	1.5	1.1	1.7



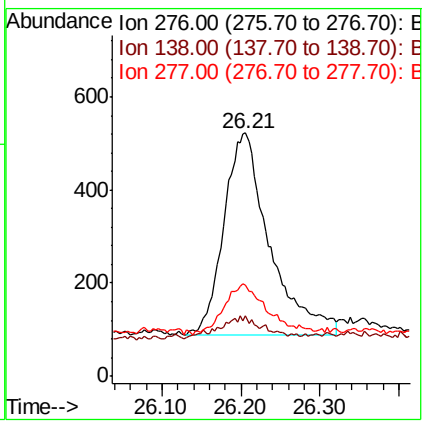


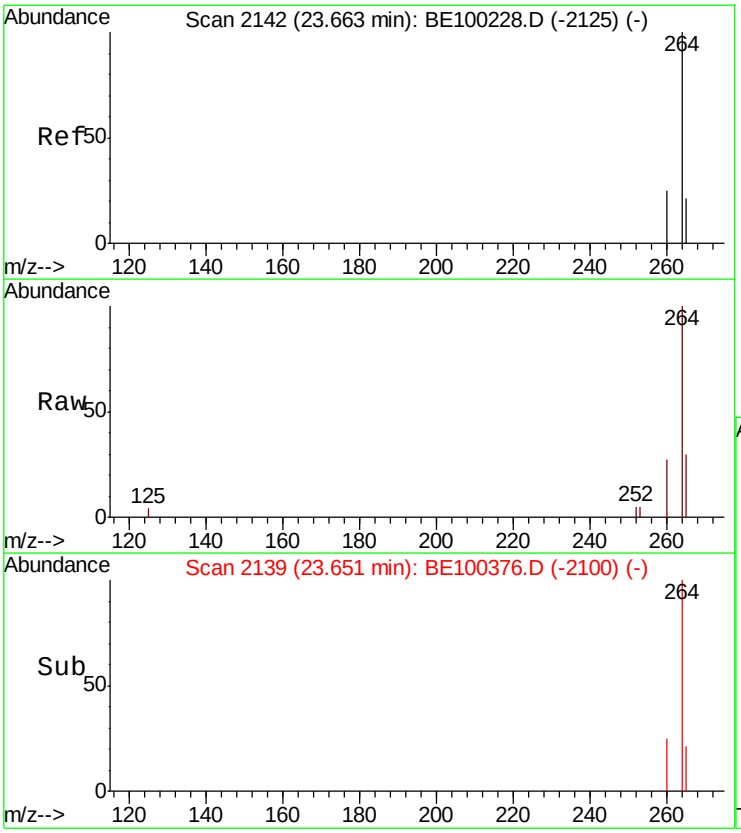
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 26.21 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:276 Resp: 1752

Ion	Ratio	Lower	Upper
276	100		
138	4.8	9.4	14.0#
277	23.0	19.2	28.8

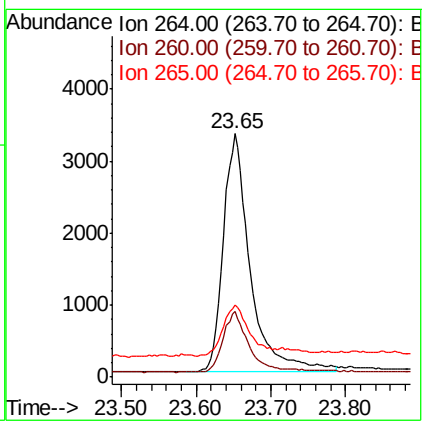


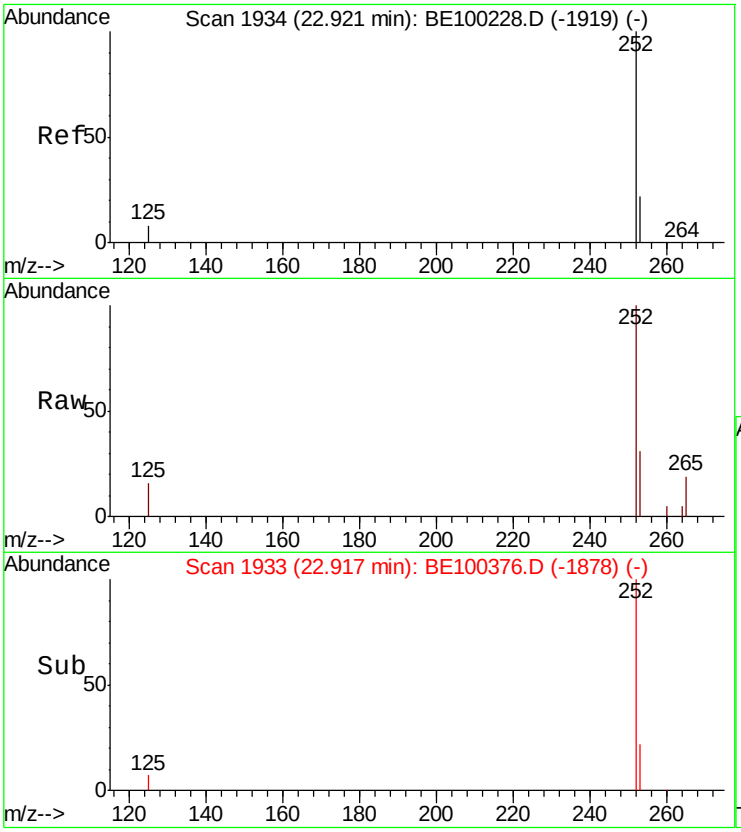


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.65 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:264 Resp: 8199

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	29.6	21.8	32.6



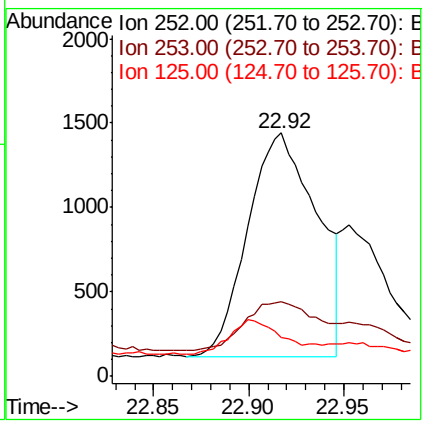


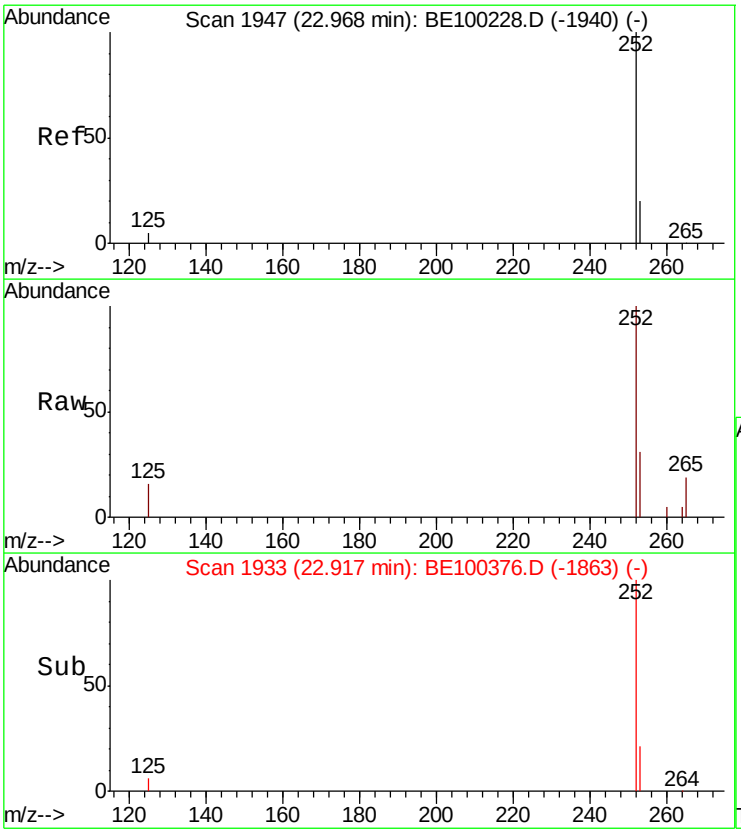
#35
Benzo(b)fluoranthene
Concen: 0.151 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:252 Resp: 3354

Ion	Ratio	Lower	Upper
252	100		
253	30.8	19.2	28.8#
125	16.0	7.4	11.0#

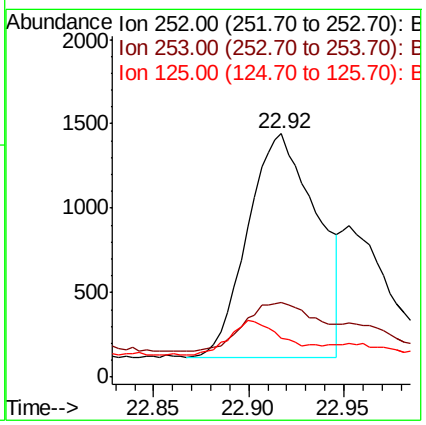


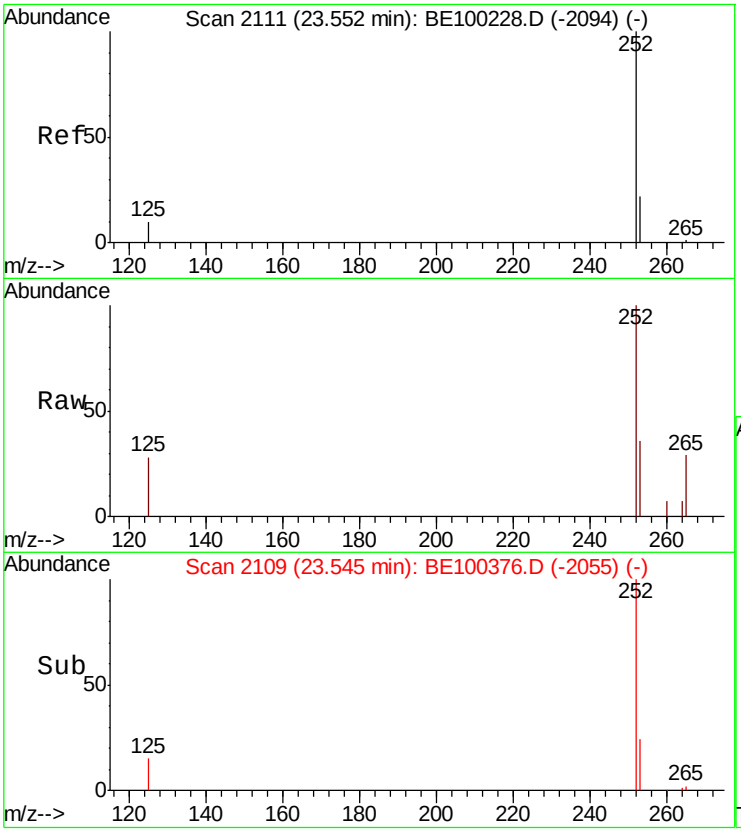


#36
Benzo(k)fluoranthene
Concen: 0.135 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.05 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:252 Resp: 3354

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.9	26.9#
125	16.0	5.0	7.4#



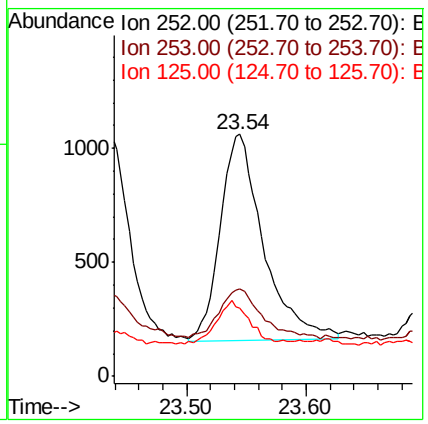


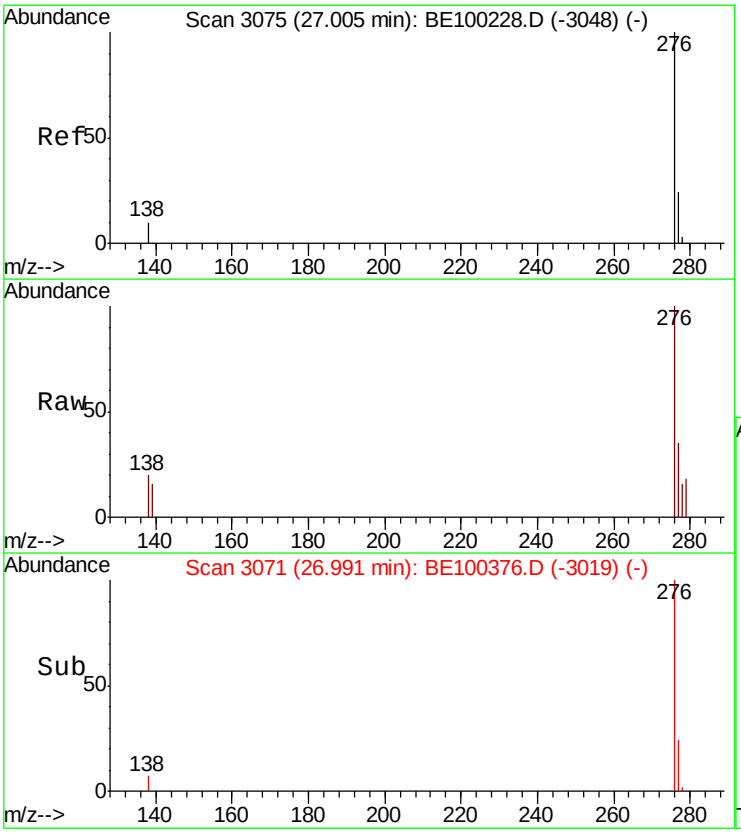
#37
Benzo(a)pyrene
Concen: 0.102 ng
RT: 23.54 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW149-062419

Tgt Ion:252 Resp: 2262

Ion	Ratio	Lower	Upper
252	100		
253	36.0	19.6	29.4#
125	28.0	9.0	13.6#





#39
Benzo(g,h,i)perylene
Concen: 0.088 ng
RT: 26.99 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BE100376.D
Acq: 5 Jul 2019 11:57

Tgt Ion:276 Resp: 2097

Ion	Ratio	Lower	Upper
276	100		
277	35.3	20.2	30.2#
138	19.9	9.0	13.6#