Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099262.D
Acq On : 29 Mar 2019 19:38
Operator : JU/SJ
Sample : K1982-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-028-SW004-032519

Quant Time: Mar 29 22:57:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3534	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	14221	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	10379	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	32156	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	41507	0.40	ng		-0.01
34) Perylene-d12	23.88	264	41745	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4253	0.40	ng		0.00
5) Phenol-d6	6.99	99	6119	0.38	ng		0.00
8) Nitrobenzene-d5	8.98	82	4925	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.21	152	9865	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	2181	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	14034	0.33	ng		0.00
25) Fluoranthene-d10	19.24	212	141732	0.36	ng		0.00
29) Terphenyl-d14	19.83	244	24305	0.27	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.71	42	614	0.235	ng	#	1
9) Naphthalene	10.67	128	6573	0.039	ng	#	96
12) 2-Methylnaphthalene	12.30	142	883	0.029	ng	#	87
16) Acenaphthylene	14.20	152	2591	0.049	ng		96
17) Acenaphthene	14.53	154	733	0.023	ng		88
18) Fluorene	15.50	166	1929	0.043	ng	#	90
22) Pentachlorophenol	16.85	266	61	0.260	ng	#	68
23) Phenanthrene	17.24	178	65227	0.691	ng		100
24) Anthracene	17.34	178	6105	0.072	ng	#	89
26) Fluoranthene	19.26	202	193436	1.605	ng		99
28) Pyrene	19.63	202	181662	1.317	ng	#	96
30) Benzo(a)anthracene	21.35	228	101960	0.744	ng		97
31) Chrysene	21.41	228	133759	0.914	ng		97
32) Bis(2-ethylhexyl)phthalate	21.28	149	183307	1.122	ng		100
33) Indeno(1,2,3-cd)pyrene	26.53	276	69231	0.500	ng	#	96
35) Benzo(b)fluoranthene	23.11	252	154129	1.122	ng	#	94
36) Benzo(k)fluoranthene	23.11	252	154129	1.061	ng	#	94
37) Benzo(a)pyrene	23.77	252	98389	0.767	ng		97
38) Dibenzo(a,h)anthracene	26.55	278	17627	0.155	ng	#	84
39) Benzo(g,h,i)perylene	27.36	276	69555	0.609	ng		98

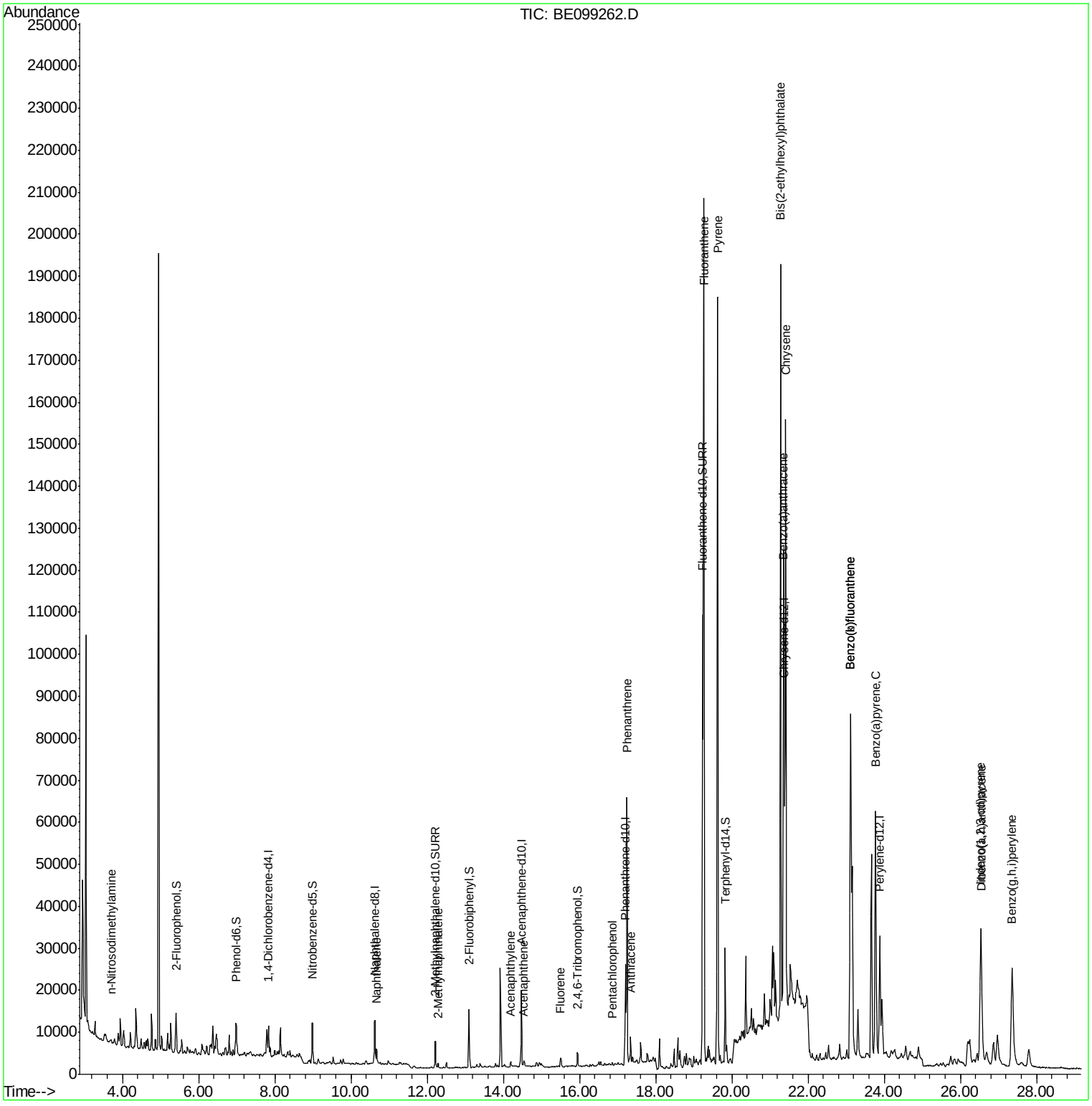
(#) = qualifier out of range (m) = manual integration (+) = signals summed

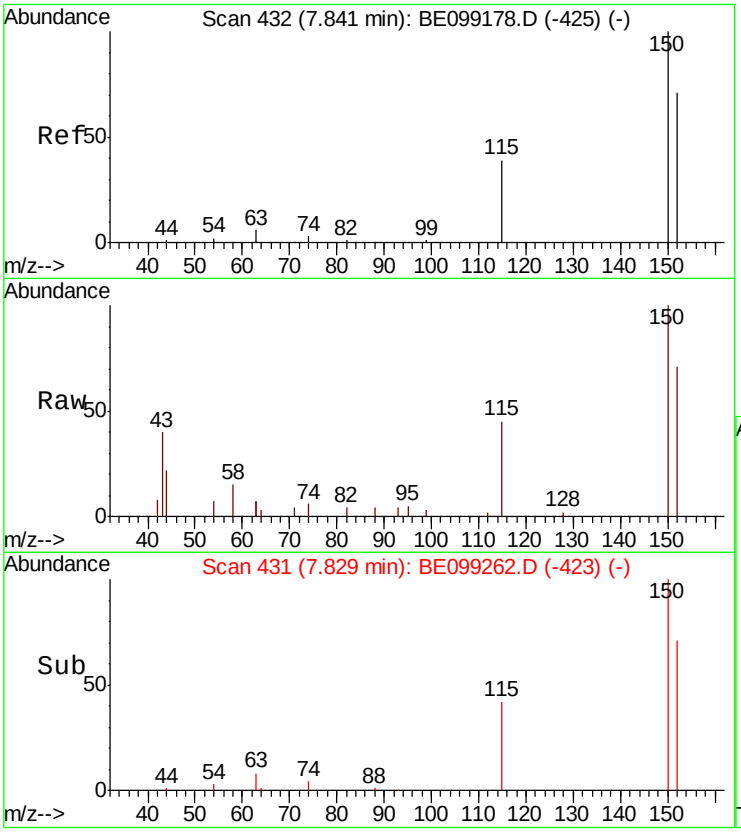
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099262.D
Acq On : 29 Mar 2019 19:38
Operator : JU/SJ
Sample : K1982-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Quant Time: Mar 29 22:57:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



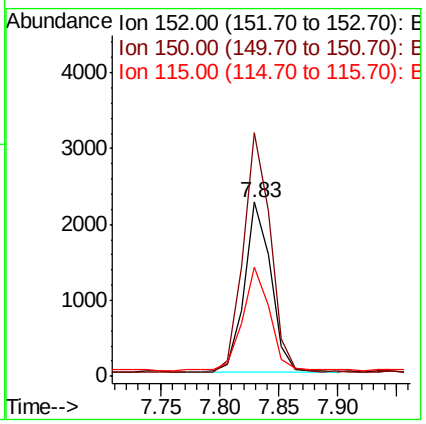


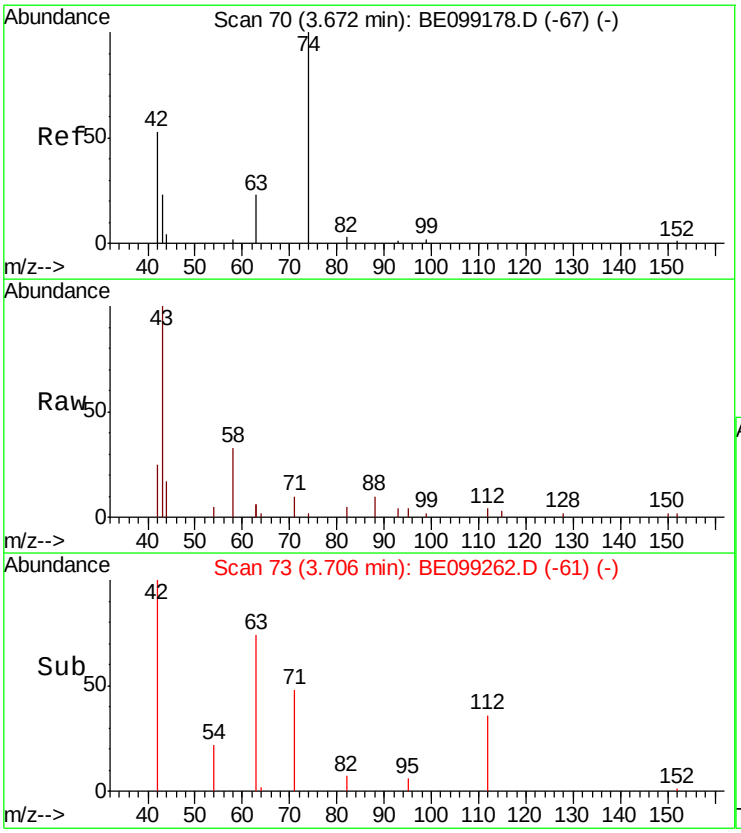
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:152 Resp: 3534

Ion	Ratio	Lower	Upper
152	100		
150	139.9	112.8	169.2
115	62.6	45.1	67.7

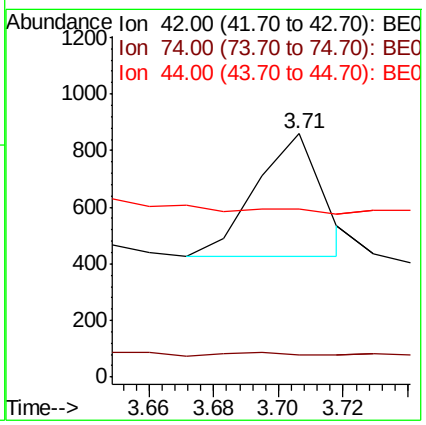


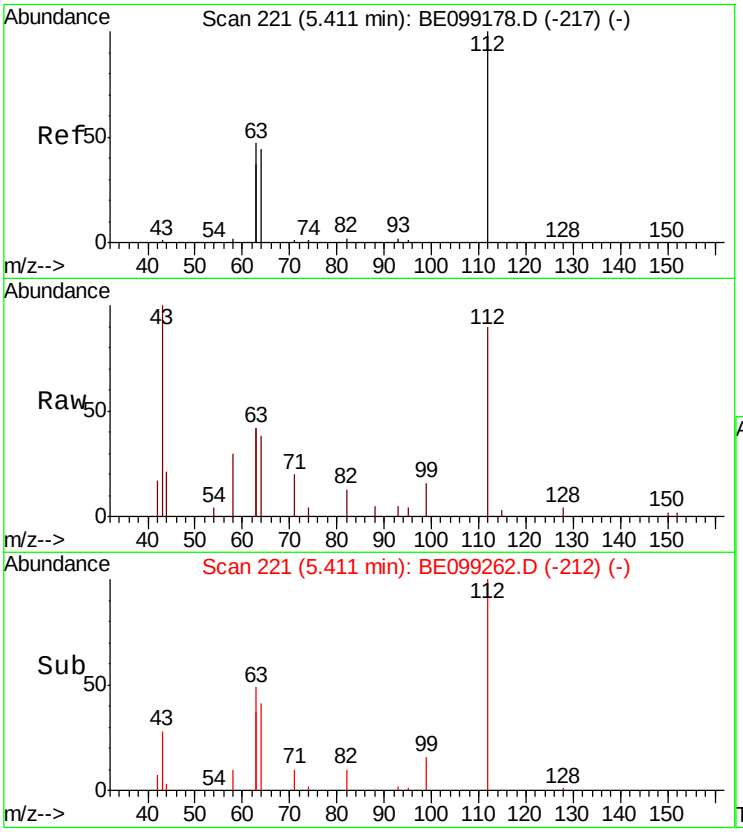


#3
n-Nitrosodimethylamine
Concen: 0.235 ng
RT: 3.71 min Scan# 73
Delta R.T. 0.03 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion: 42 Resp: 614

Ion	Ratio	Lower	Upper
42	100		
74	3.1	138.6	207.8#
44	0.0	15.0	22.6#



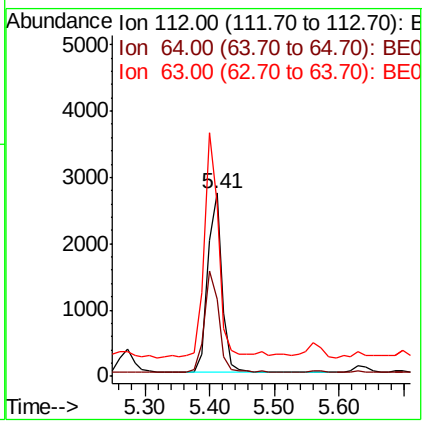


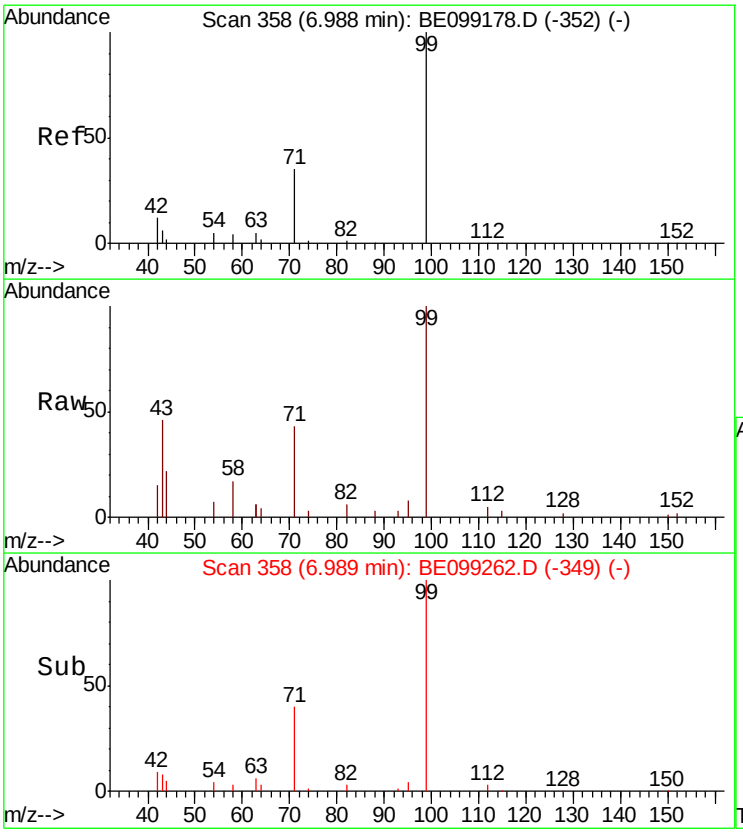
#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:112 Resp: 4253

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.2	69.2
63	117.8	89.9	134.9

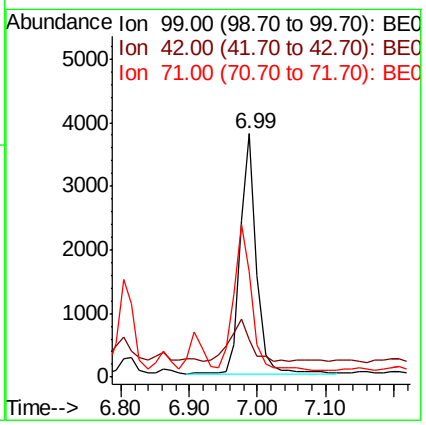


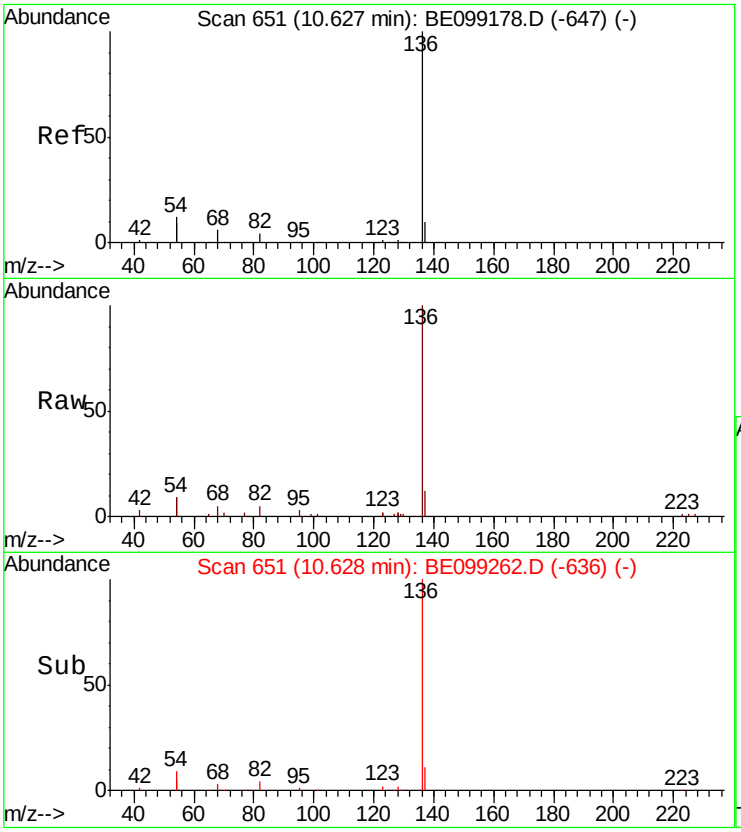


#5
Phenol-d6
Concen: 0.380 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion: 99 Resp: 6119

Ion	Ratio	Lower	Upper
99	100		
42	22.8	12.4	18.6#
71	68.9	28.4	42.6#



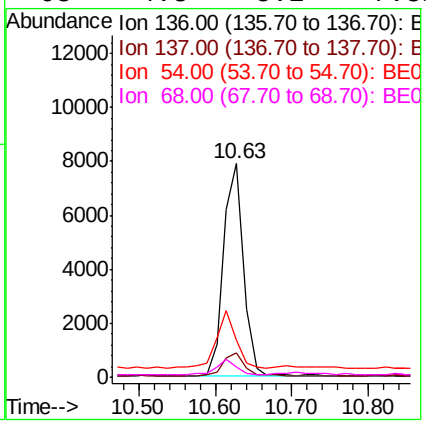


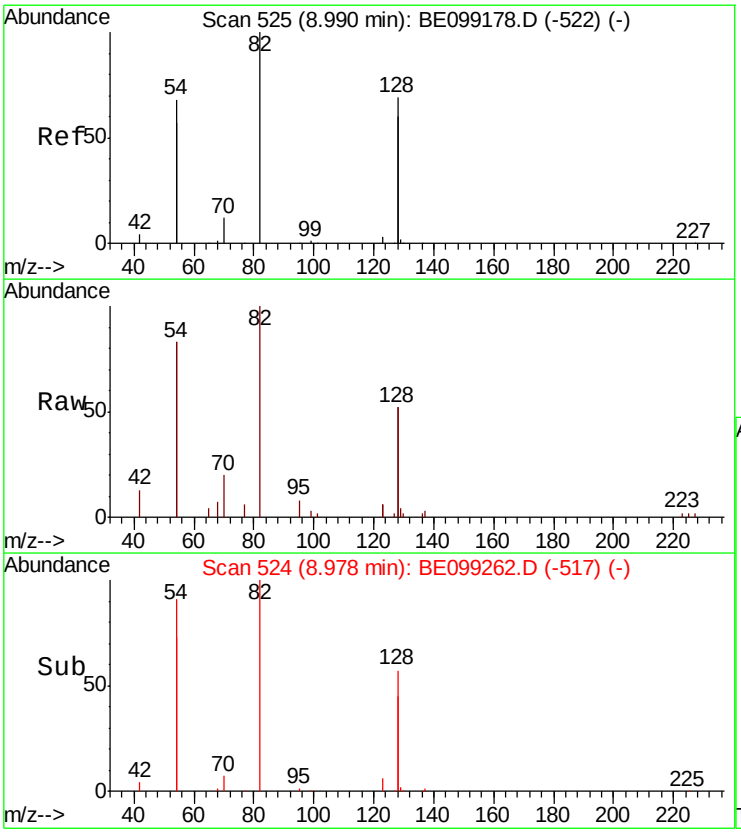
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:136 Resp: 14221

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	17.2	18.7	28.1#
68	4.8	5.2	7.8#

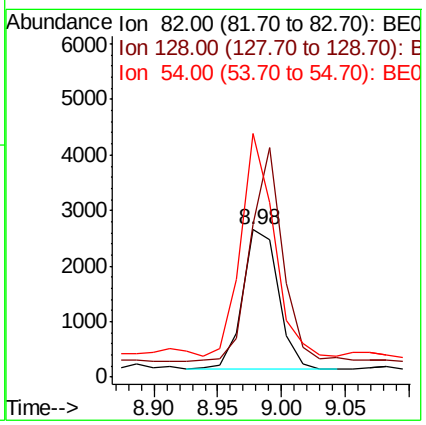


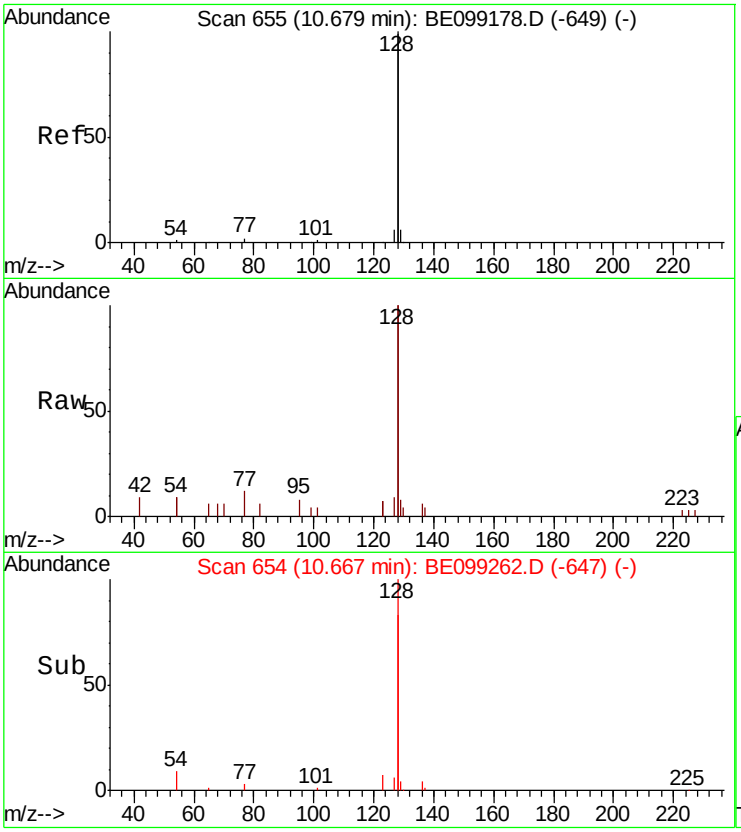


#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 8.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion: 82 Resp: 4925

Ion	Ratio	Lower	Upper
82	100		
128	104.2	107.5	161.3#
54	165.6	106.3	159.5#



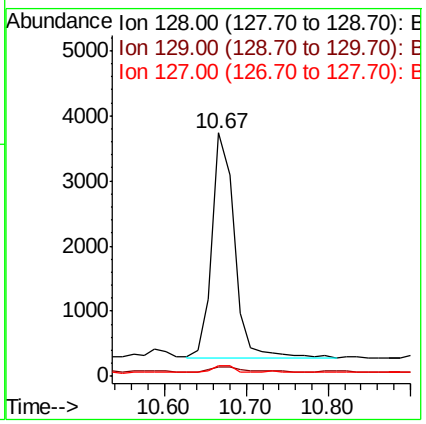


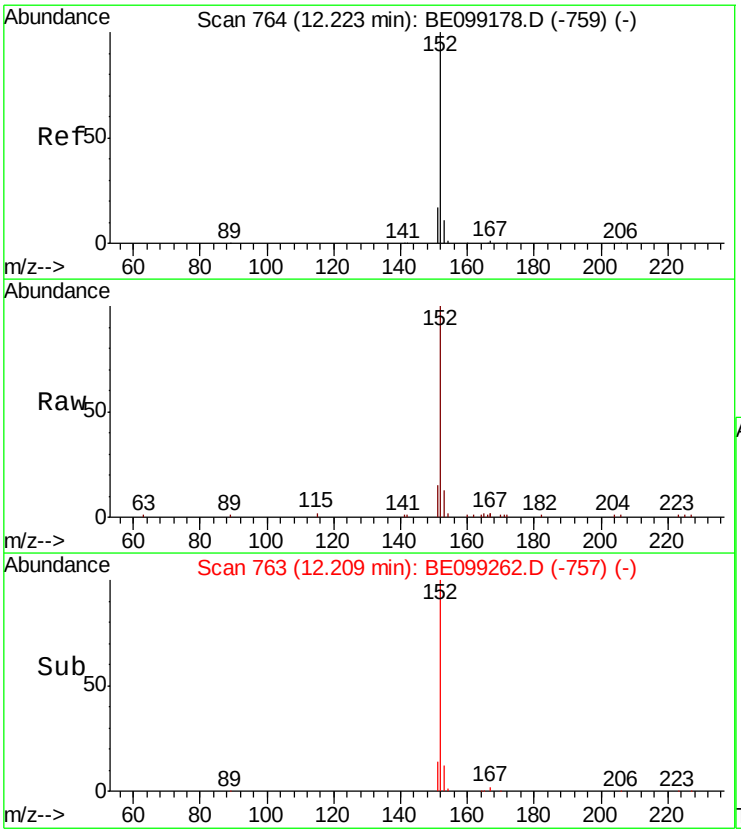
#9
Naphthalene
Concen: 0.039 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:128 Resp: 6573

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.3	3.5#
127	4.6	2.6	3.8#

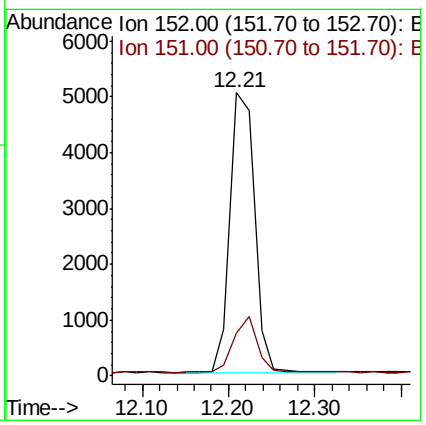


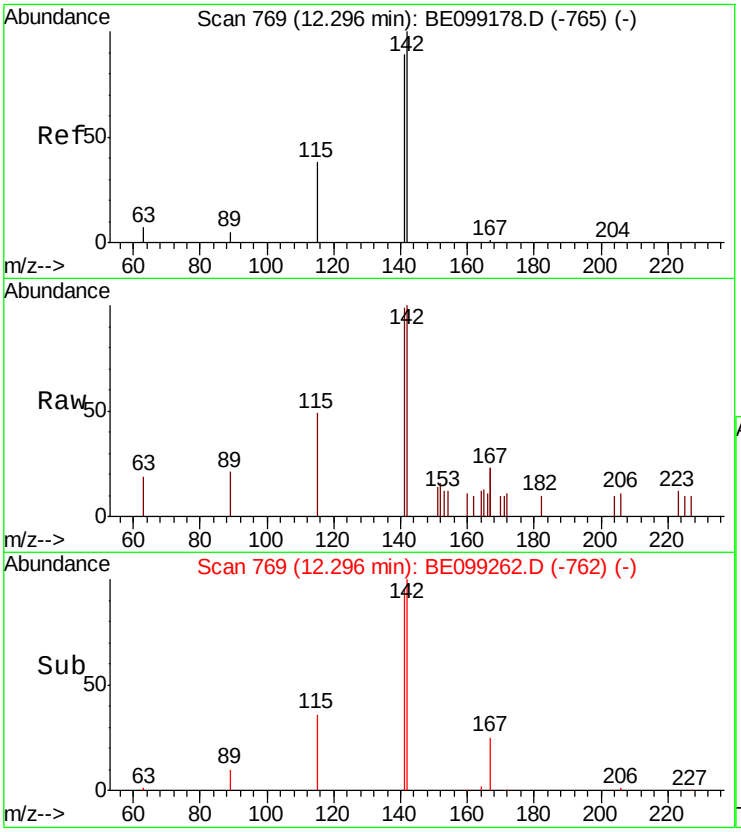


#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:152 Resp: 9865

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.0	22.6



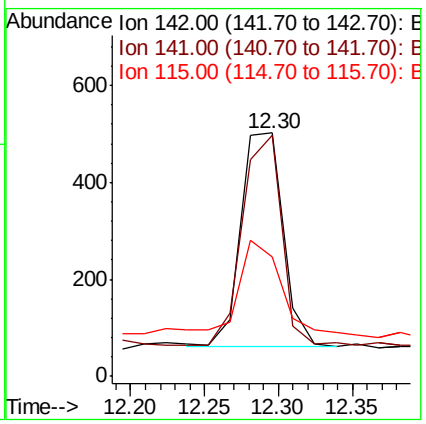


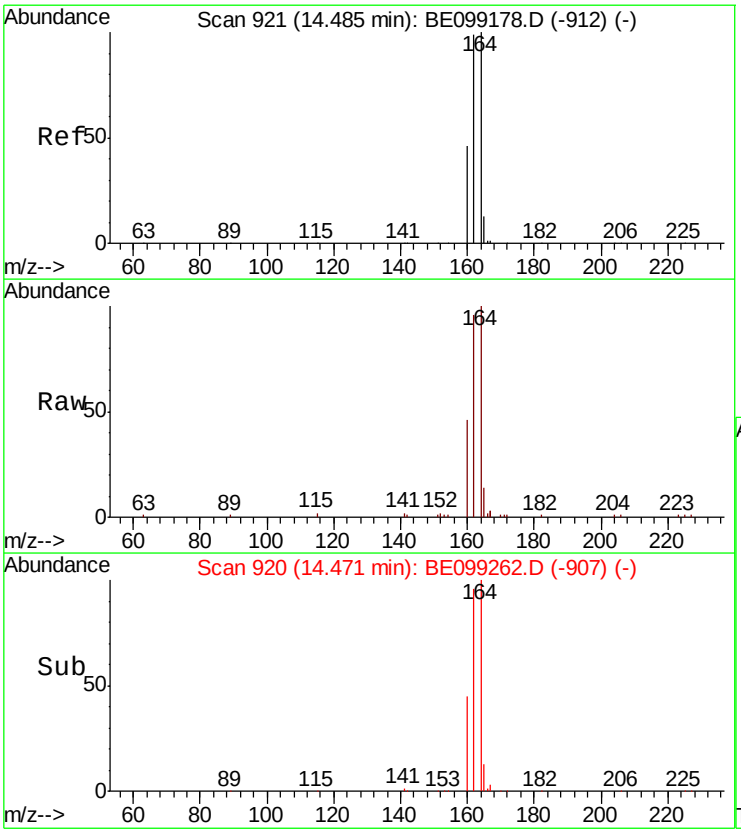
#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:142 Resp: 883

Ion	Ratio	Lower	Upper
142	100		
141	99.0	71.3	106.9
115	49.0	30.4	45.6#

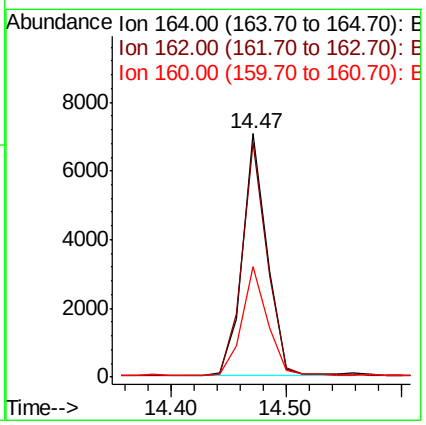


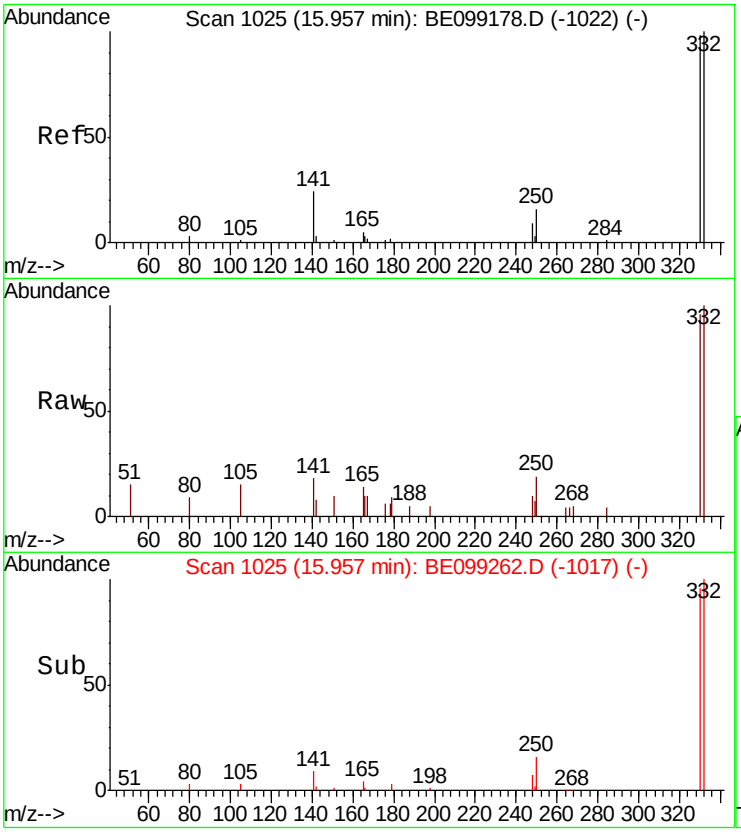


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:164 Resp: 10379

Ion	Ratio	Lower	Upper
164	100		
162	96.2	79.2	118.8
160	45.6	36.7	55.1



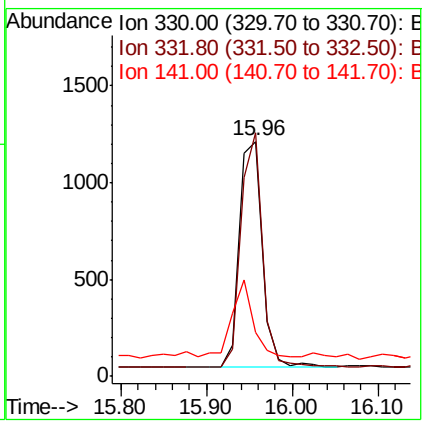


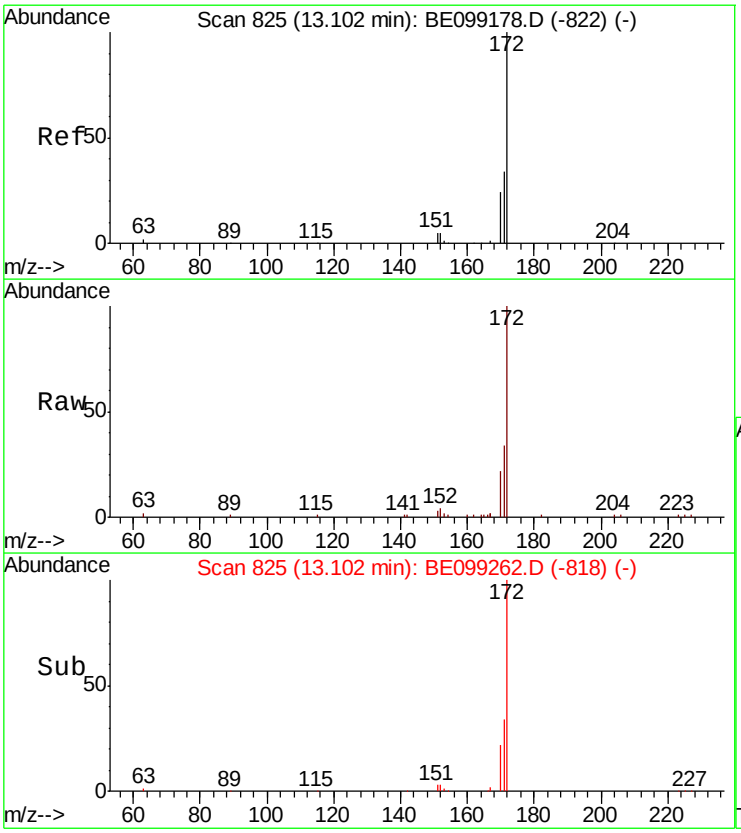
#14
2,4,6-Tribromophenol
Concen: 0.596 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:330 Resp: 2181

Ion	Ratio	Lower	Upper
330	100		
332	97.1	71.3	106.9
141	30.6	21.7	32.5

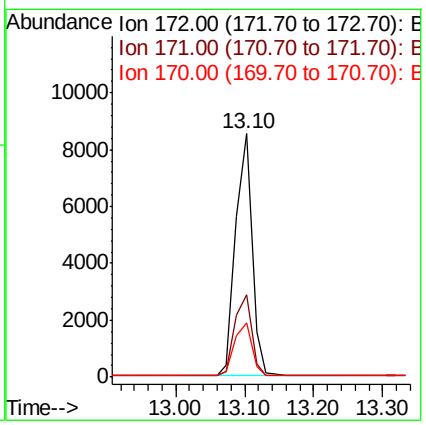


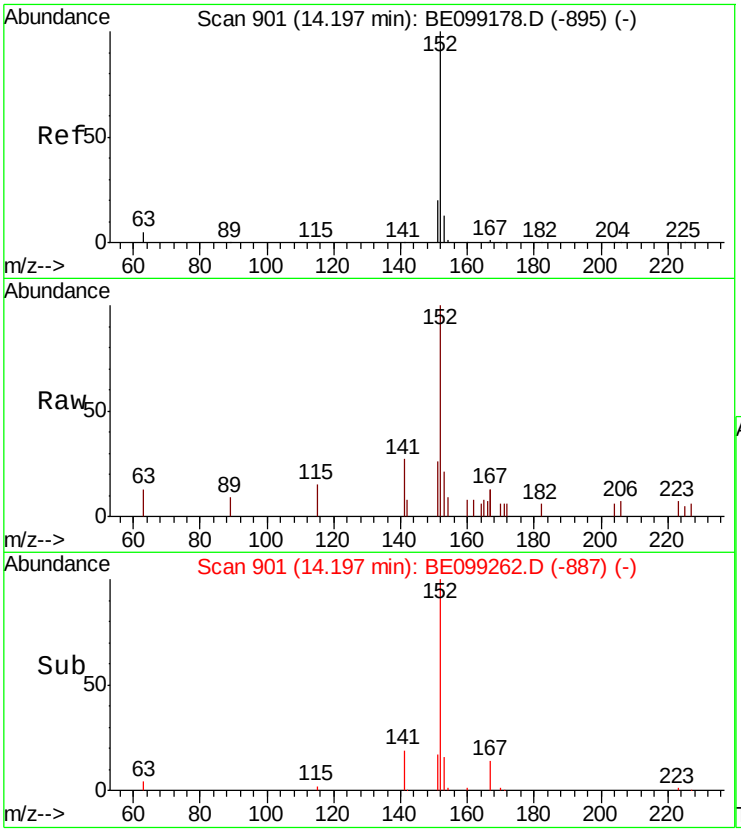


#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:172 Resp: 14034

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.3	19.1	28.7



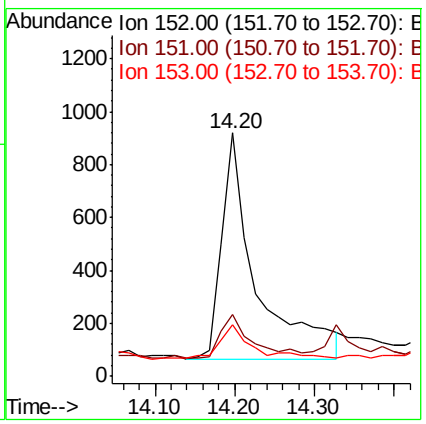


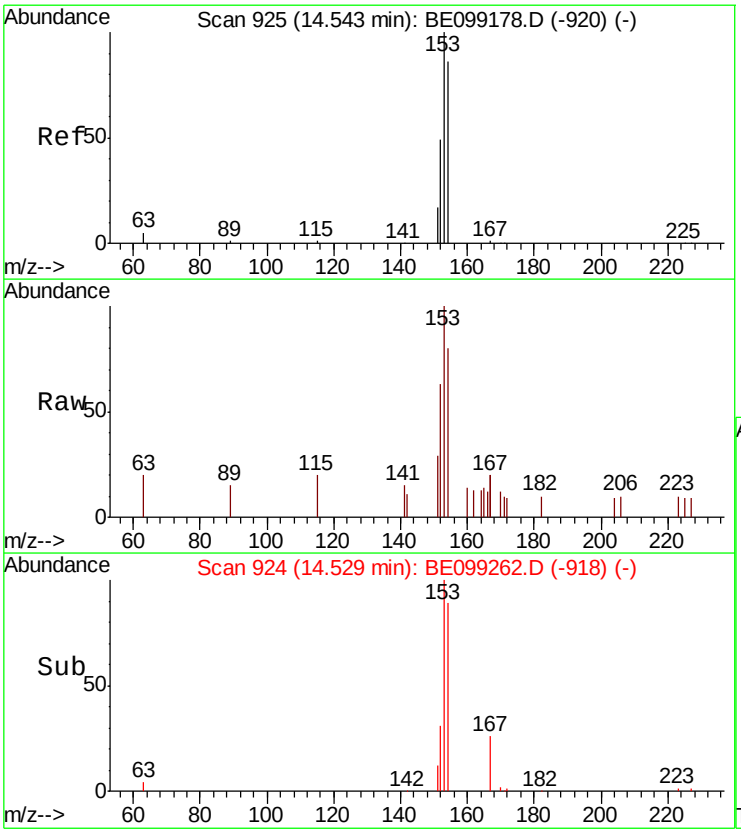
#16
Acenaphthylene
Concen: 0.049 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:152 Resp: 2591

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.7	23.5
153	13.9	10.6	15.8

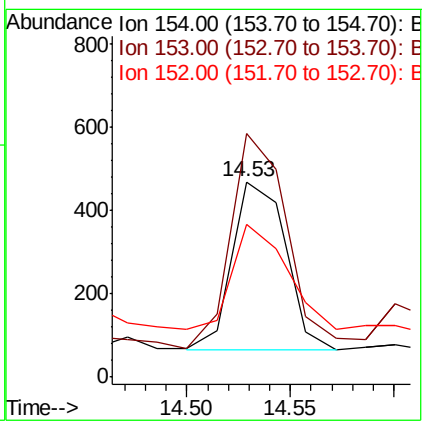


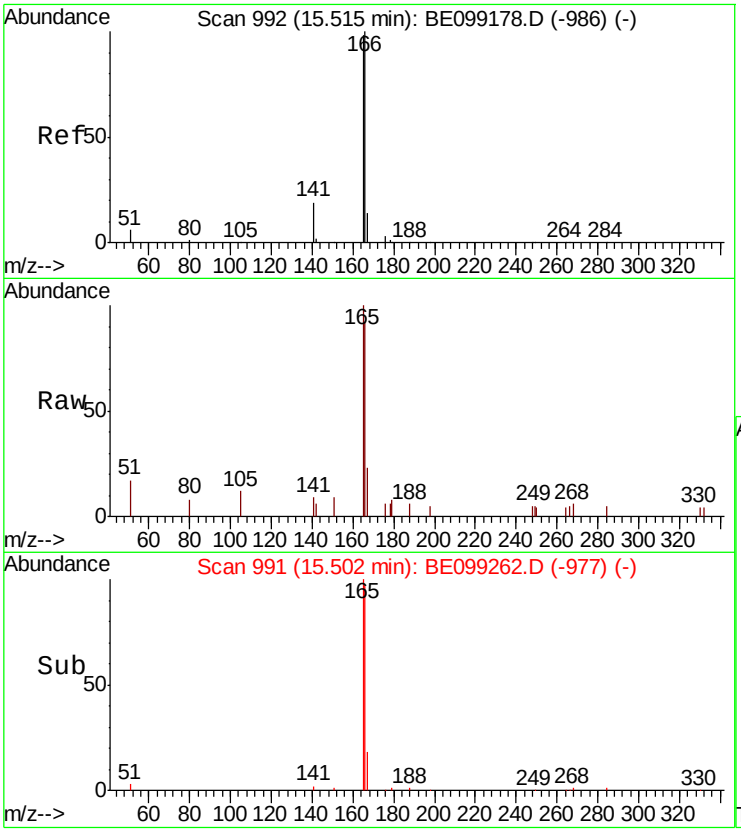


#17
Acenaphthene
Concen: 0.023 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:154 Resp: 733

Ion	Ratio	Lower	Upper
154	100		
153	132.6	93.4	140.0
152	63.8	46.6	69.8



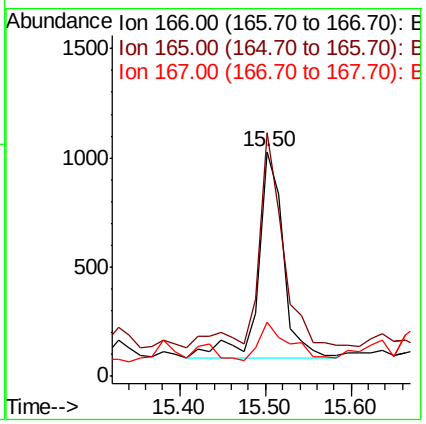


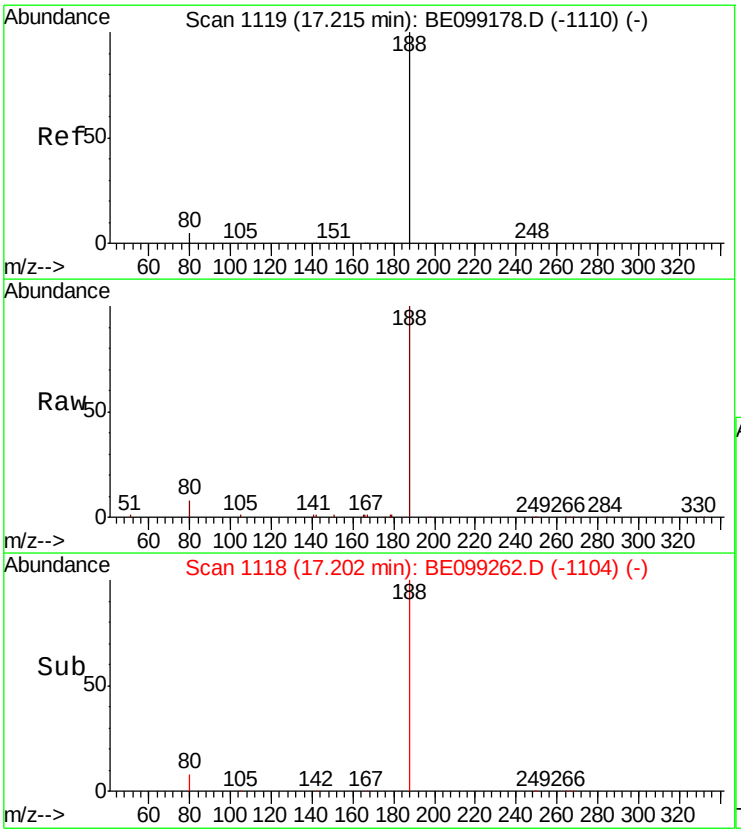
#18
Fluorene
Concen: 0.043 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:166 Resp: 1929

Ion	Ratio	Lower	Upper
166	100		
165	90.0	78.9	118.3
167	21.8	10.9	16.3#

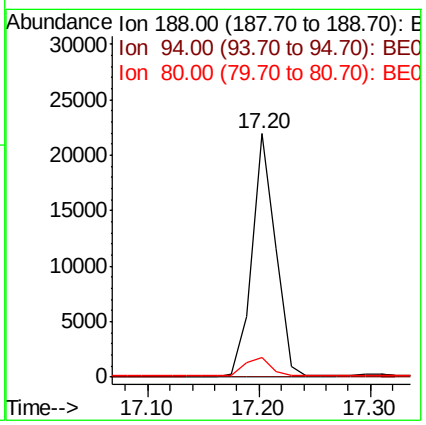


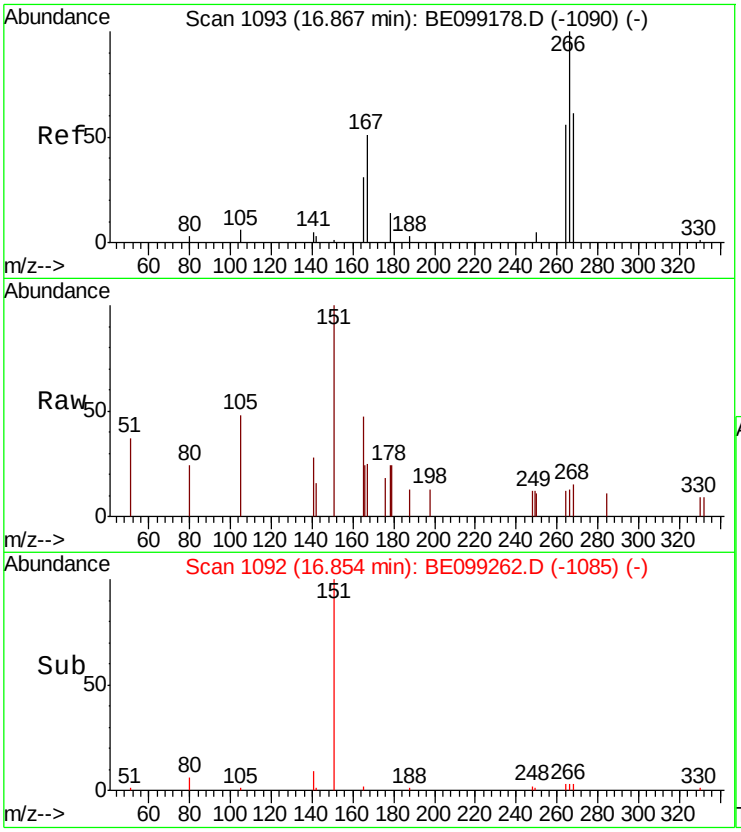


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:188 Resp: 32156

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	4.5	6.7#



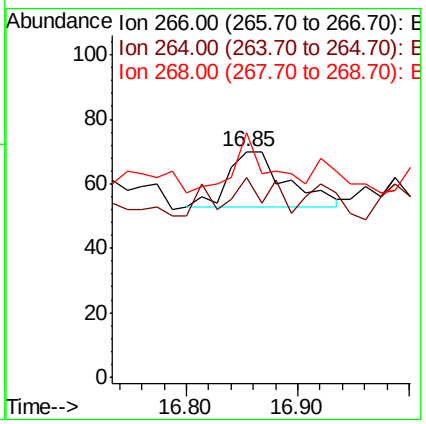


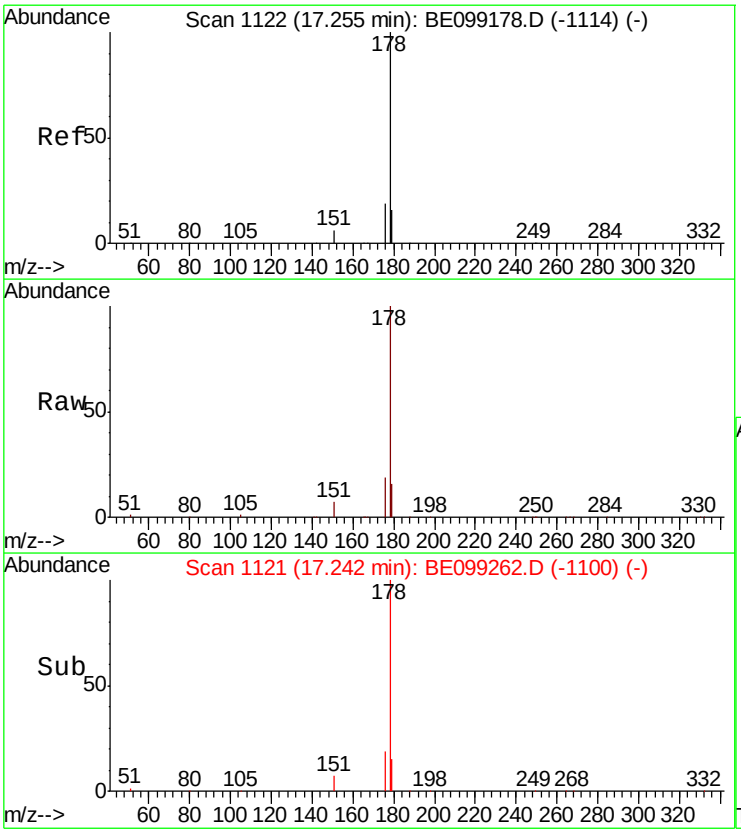
#22
Pentachlorophenol
Concen: 0.260 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
264	88.6	54.4	81.6#
268	108.6	61.3	91.9#

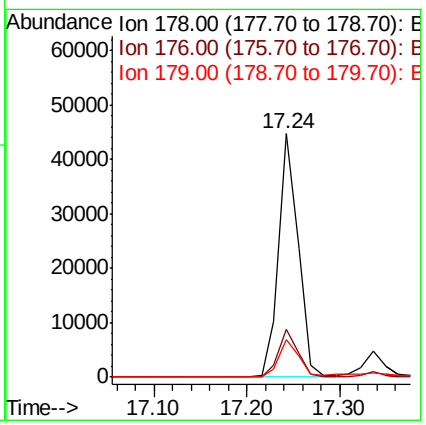


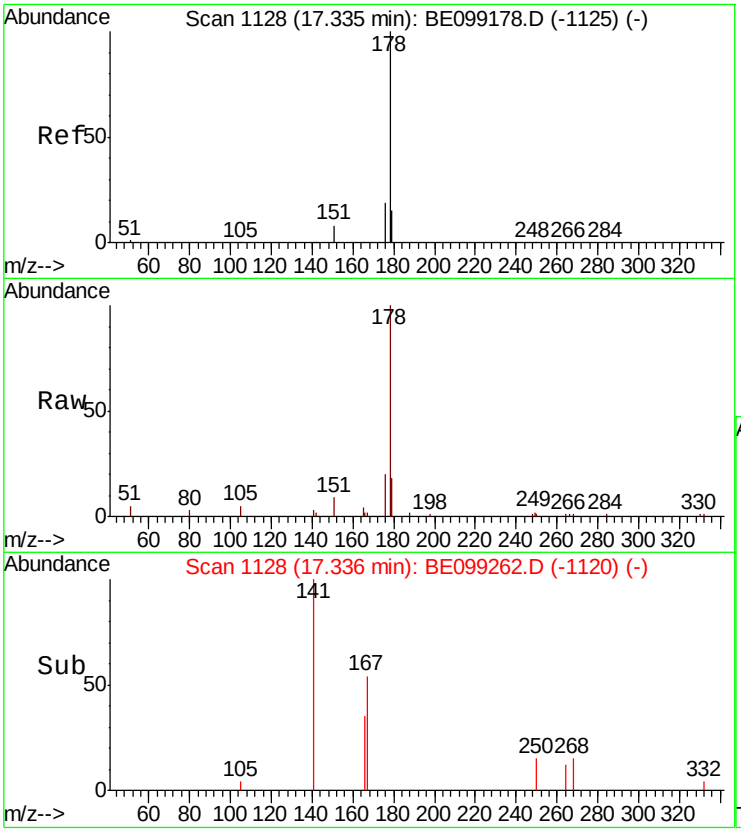


#23
Phenanthrene
Concen: 0.691 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:178 Resp: 65227

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.3	18.5



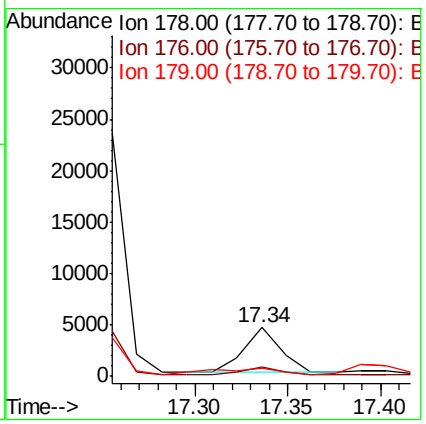


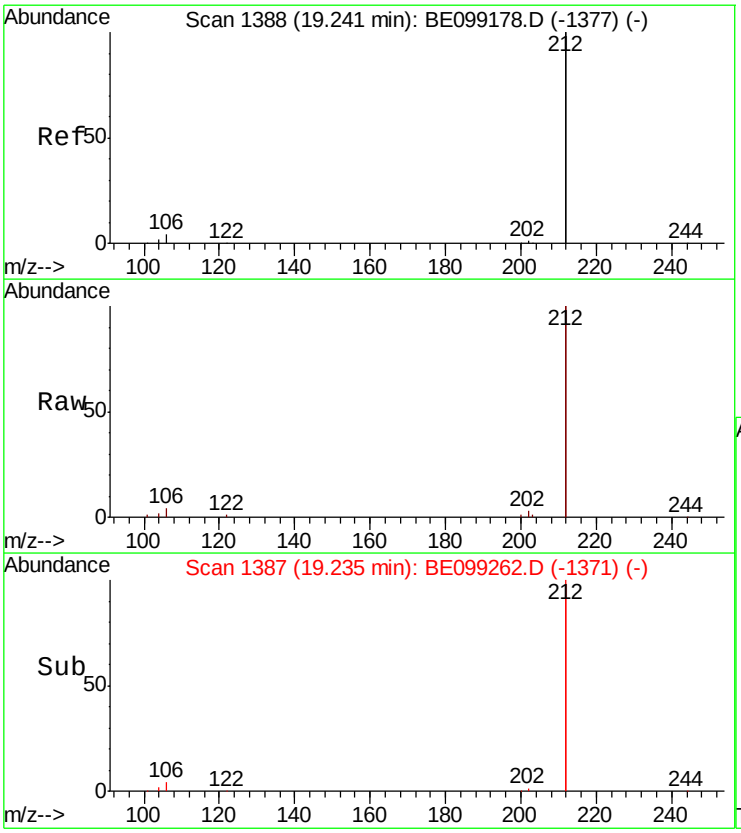
#24
Anthracene
Concen: 0.072 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:178 Resp: 6105

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	24.8	12.4	18.6#

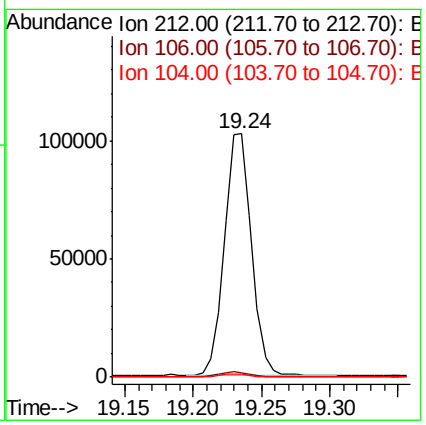


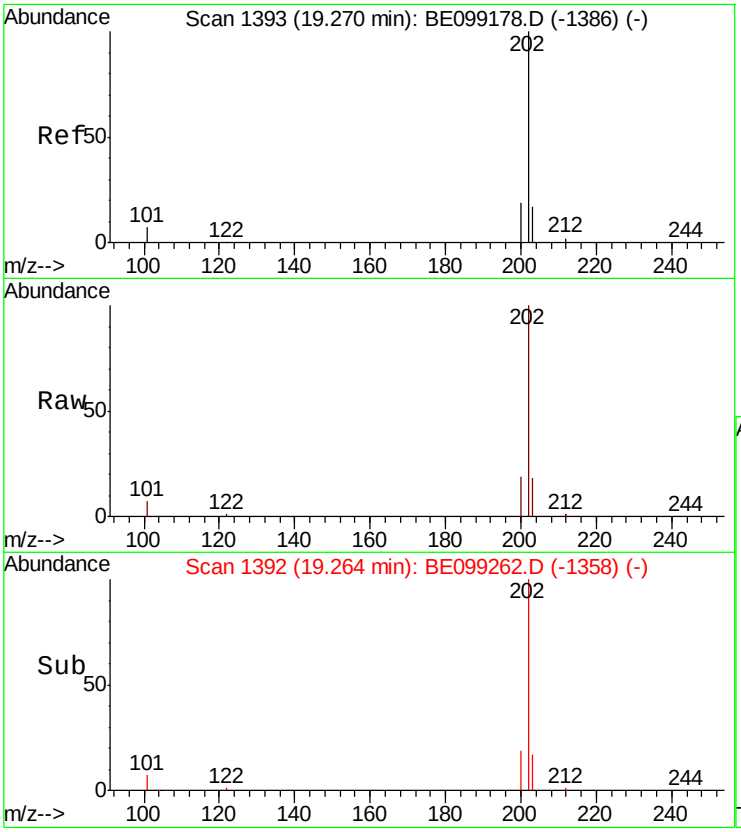


#25
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:212 Resp: 141732

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.1	1.7



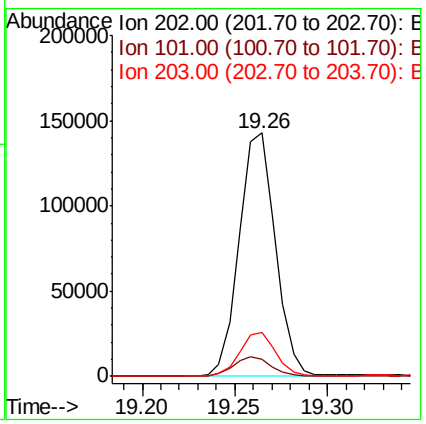


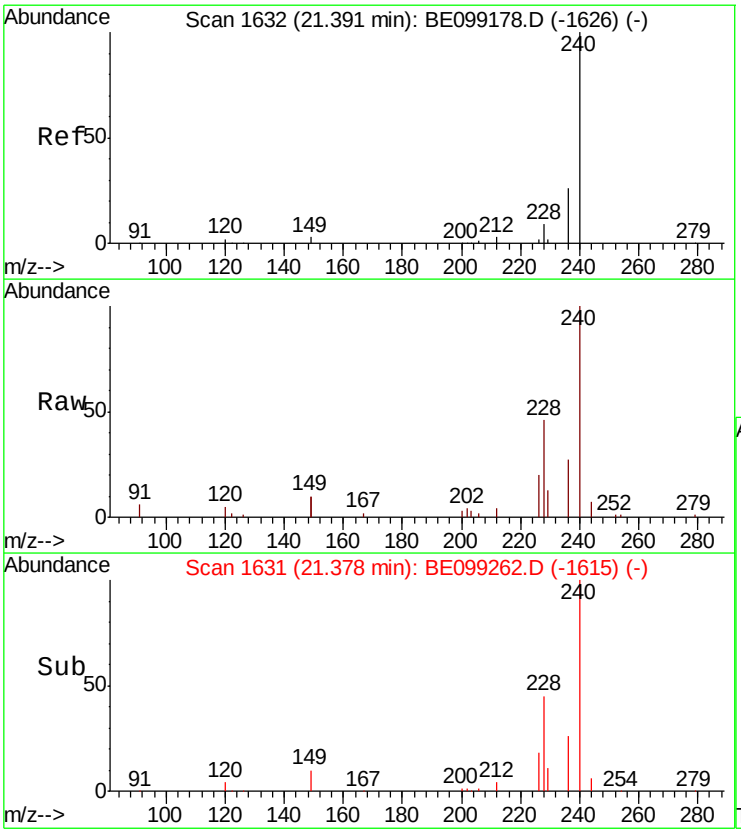
#26
Fluoranthene
Concen: 1.605 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:202 Resp: 193436

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
203	17.5	13.8	20.6

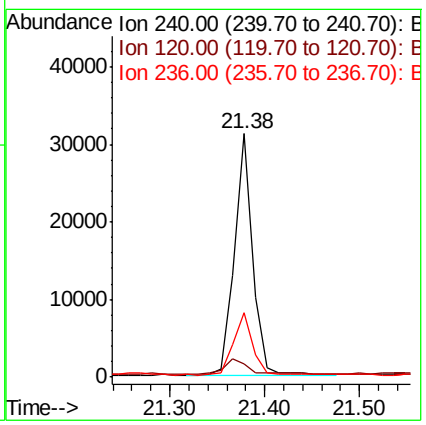


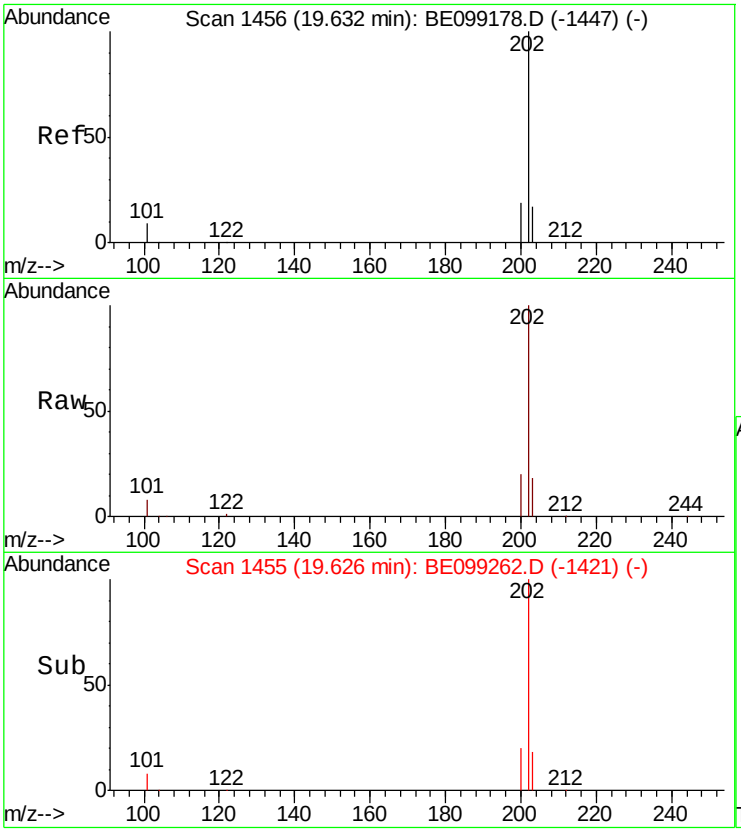


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:240 Resp: 41507

Ion	Ratio	Lower	Upper
240	100		
120	5.2	2.6	3.8#
236	26.5	20.9	31.3



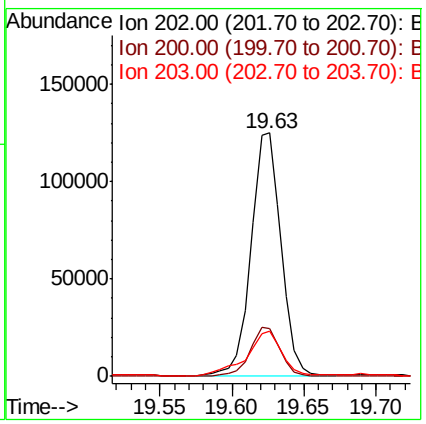


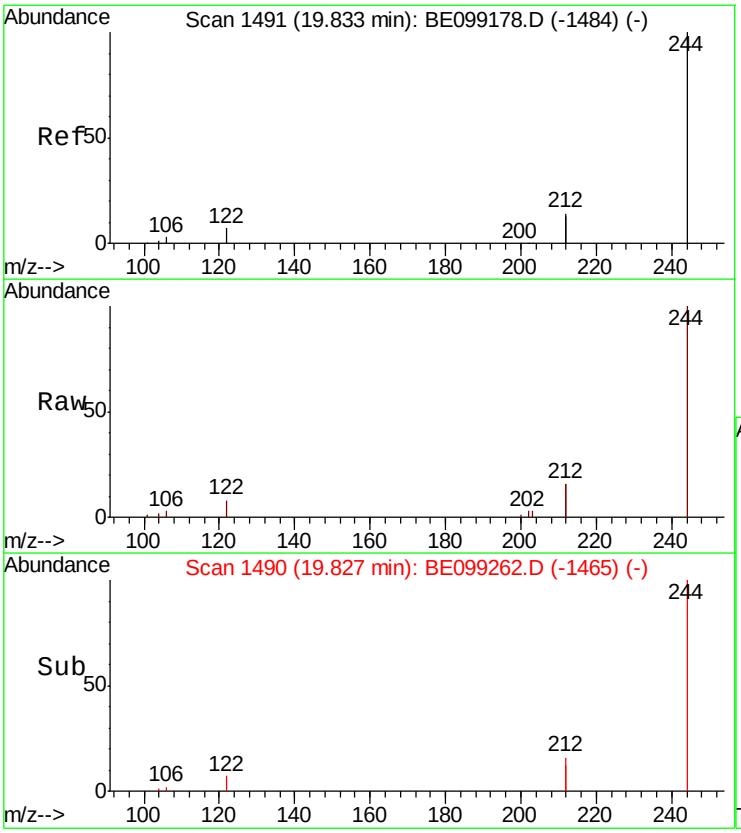
#28
Pyrene
Concen: 1.317 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:202 Resp: 181662

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.8	23.8
203	21.2	14.1	21.1#

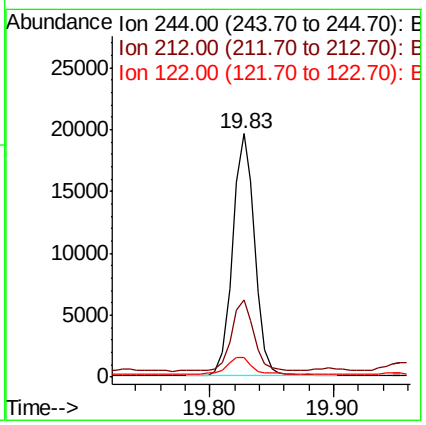


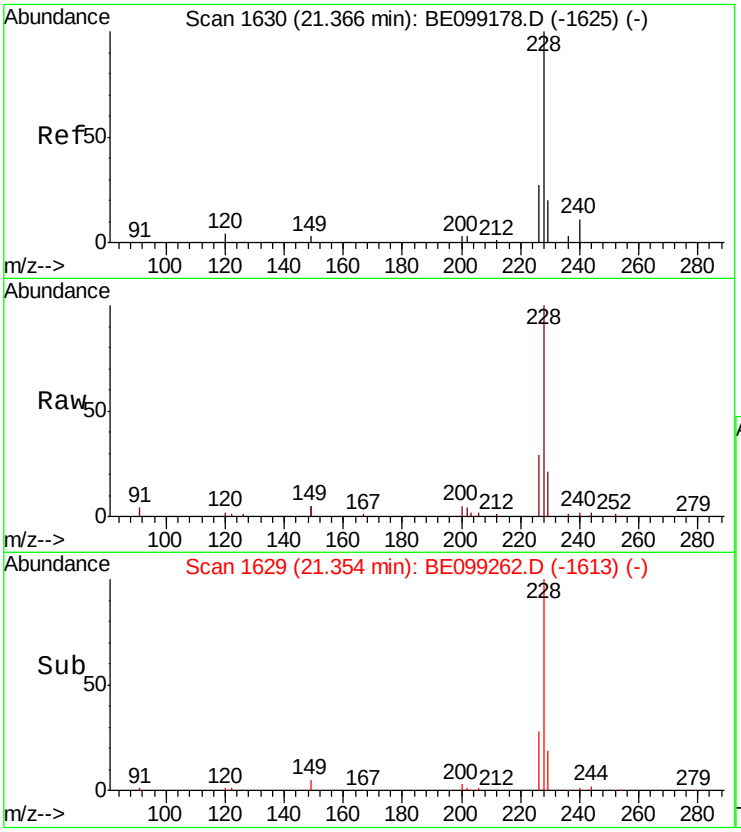


#29
Terphenyl-d14
Concen: 0.269 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:244 Resp: 24305

Ion	Ratio	Lower	Upper
244	100		
212	31.6	22.7	34.1
122	7.9	5.8	8.6



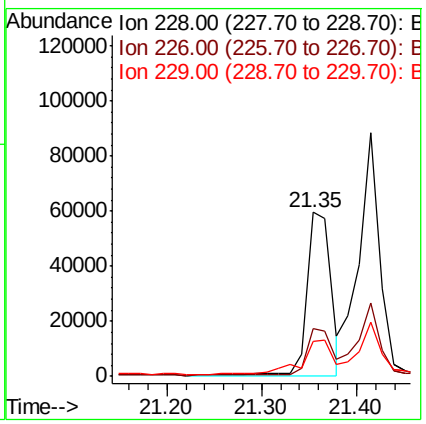


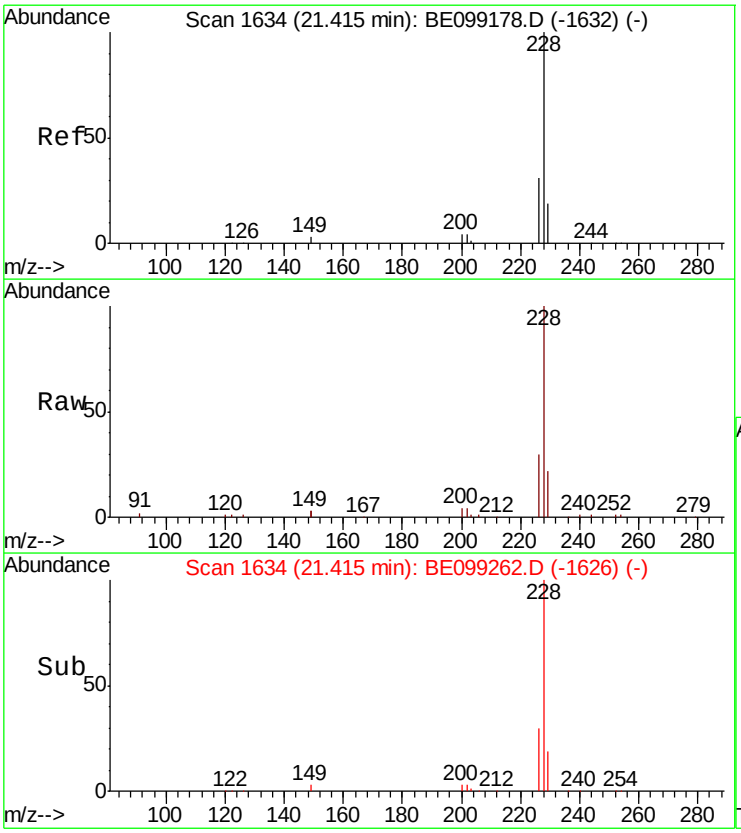
#30
Benzo(a)anthracene
Concen: 0.744 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:228 Resp: 101960

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.7	32.5
229	21.0	15.9	23.9

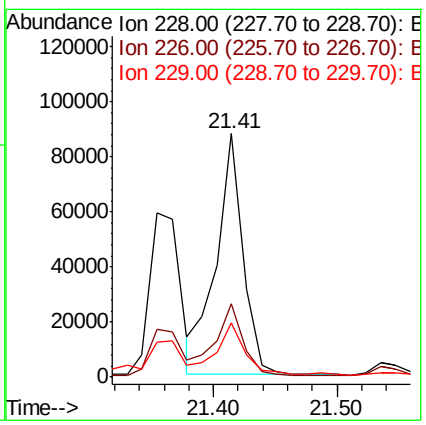


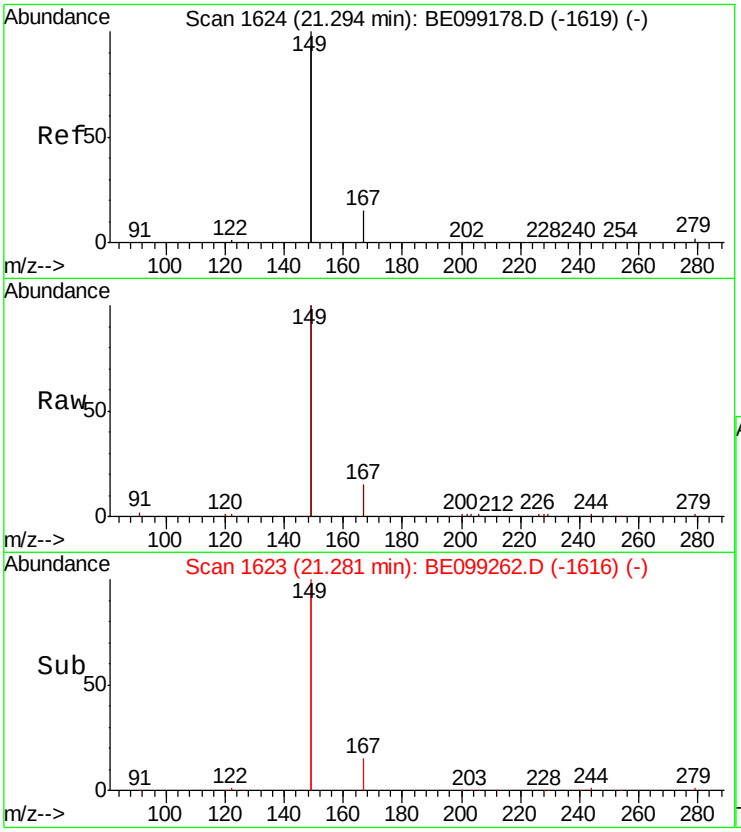


#31
Chrysene
Concen: 0.914 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:228 Resp: 133759

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.8	37.2
229	22.1	15.4	23.0



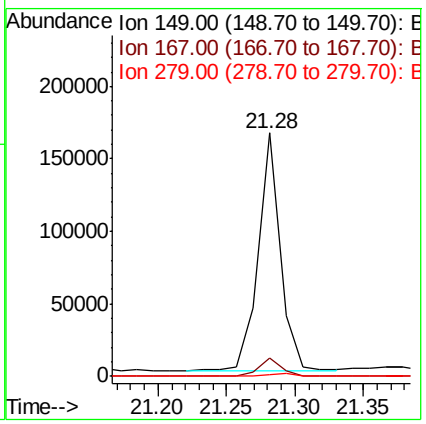


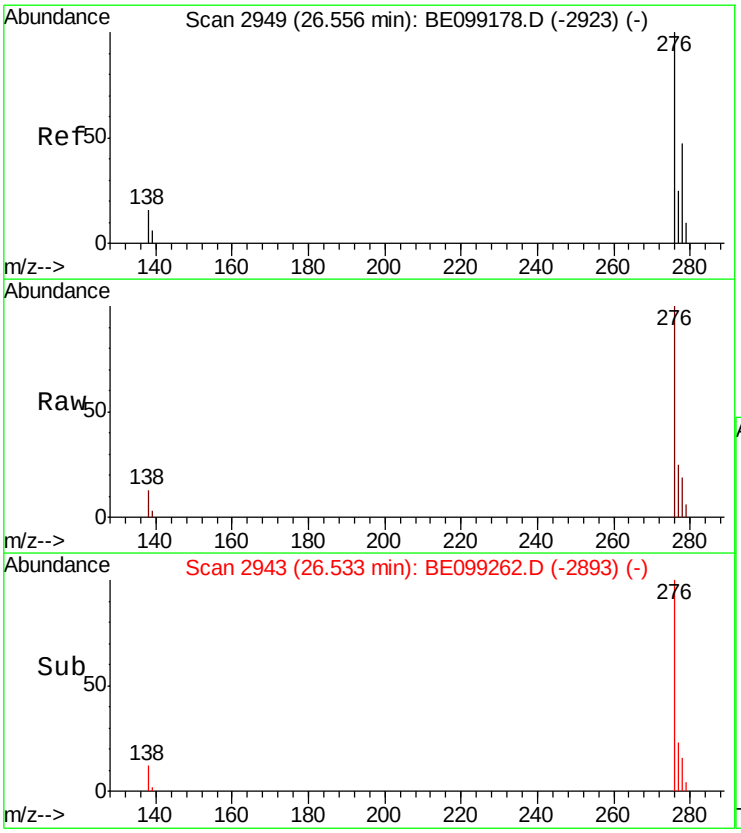
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.122 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:149 Resp: 183307

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.3	1.0	1.6

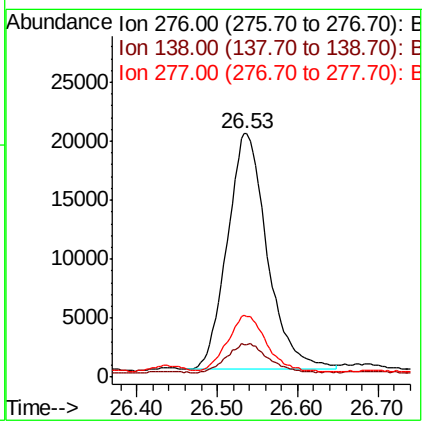


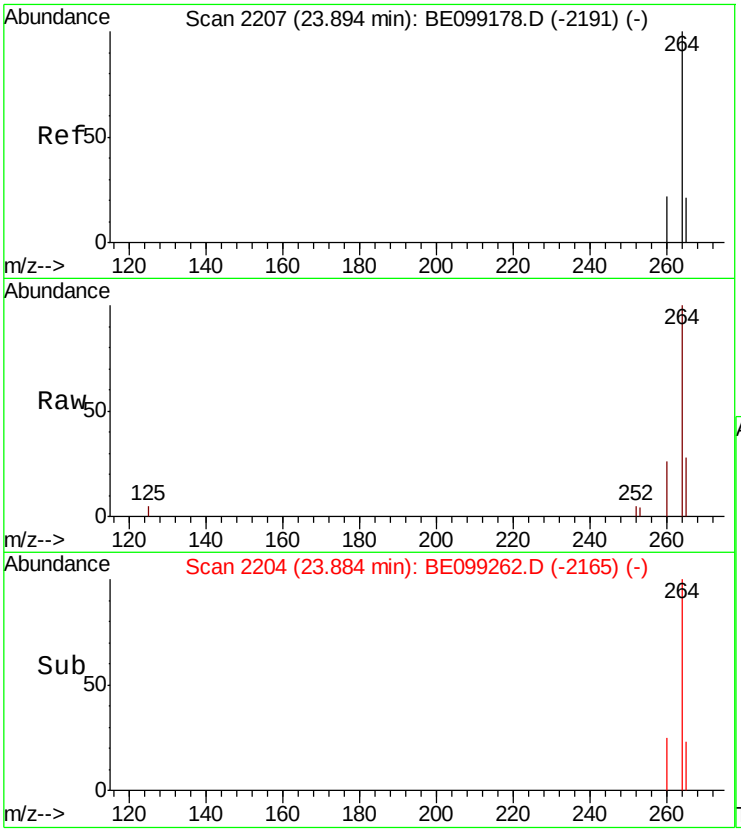


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.500 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.02 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:276 Resp: 69231

Ion	Ratio	Lower	Upper
276	100		
138	12.4	12.9	19.3#
277	23.5	18.3	27.5



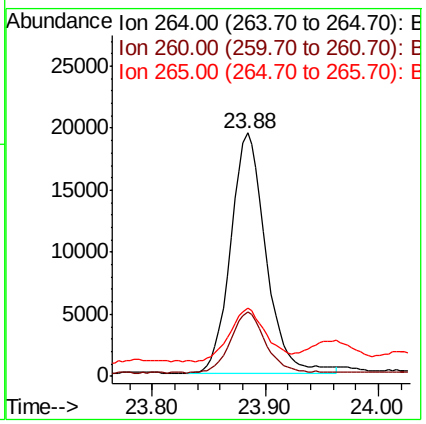


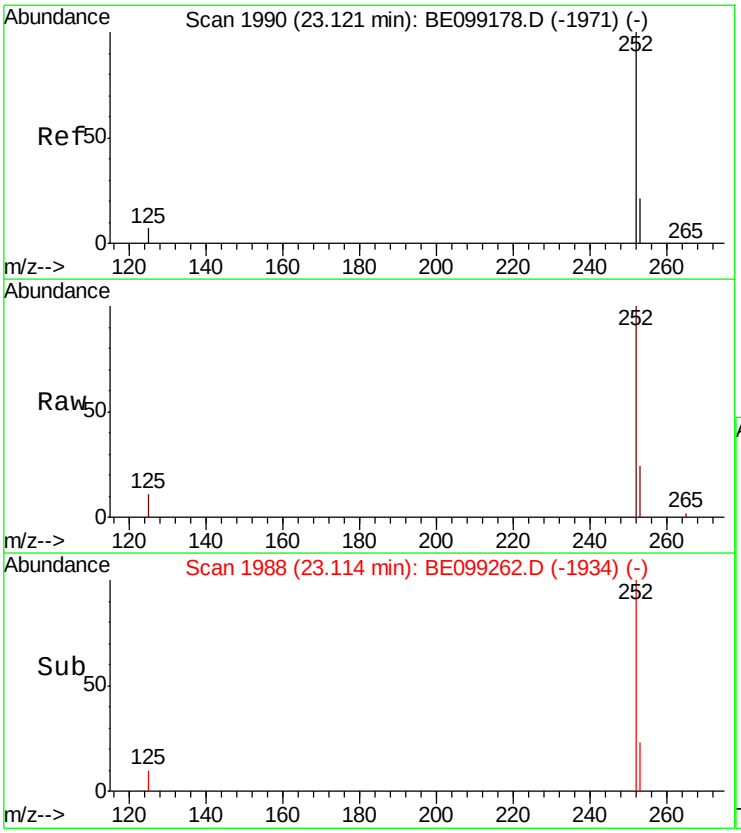
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:264 Resp: 41745

Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.2	27.2
265	28.1	21.8	32.8

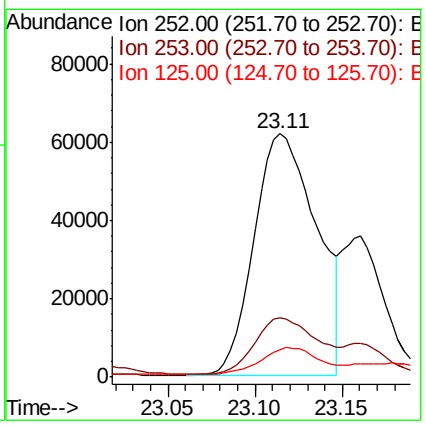


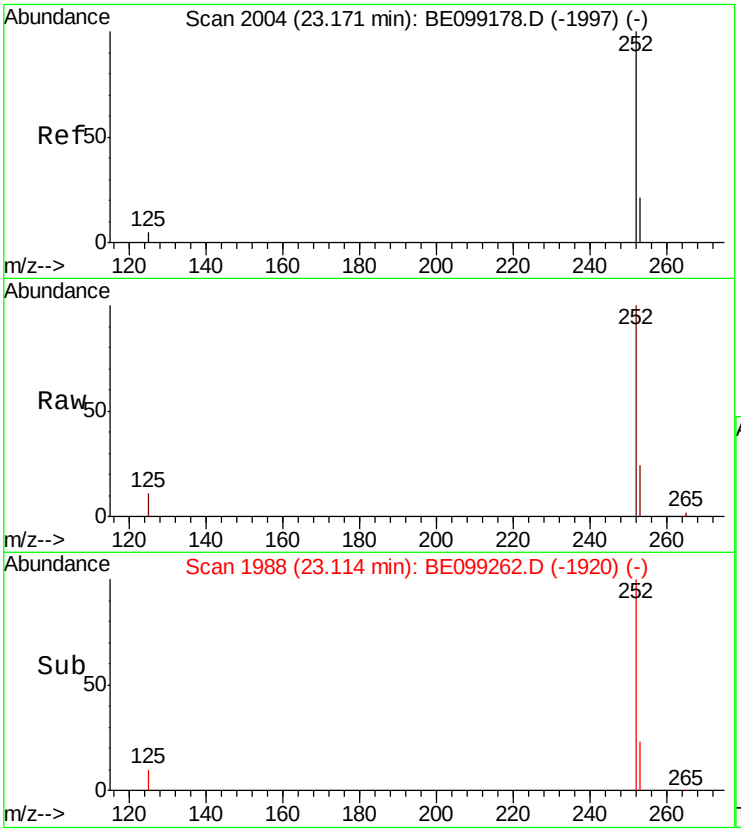


#35
Benzo(b)fluoranthene
Concen: 1.122 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:252 Resp: 154129

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	11.1	6.1	9.1#



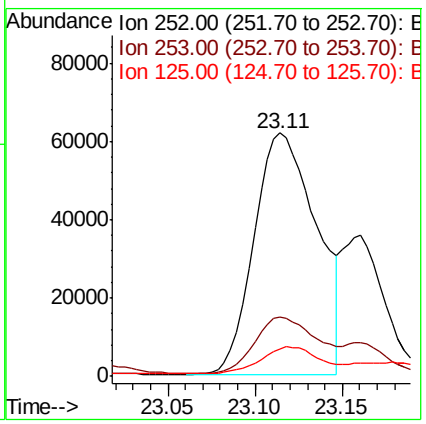


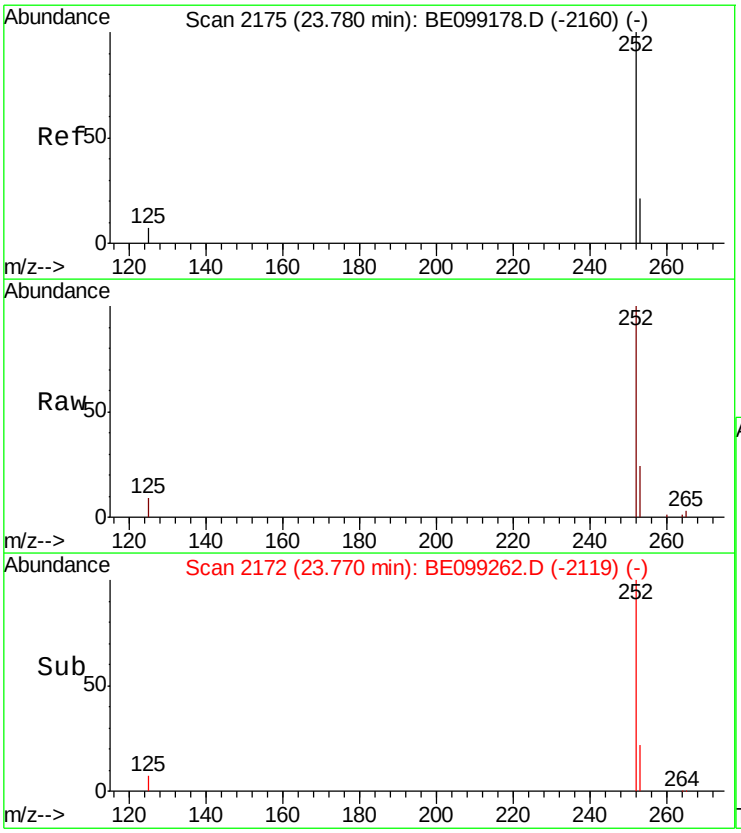
#36
Benzo(k)fluoranthene
Concen: 1.061 ng
RT: 23.11 min Scan# 1988
Delta R.T. -0.06 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:252 Resp: 154129

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	11.1	5.9	8.9#

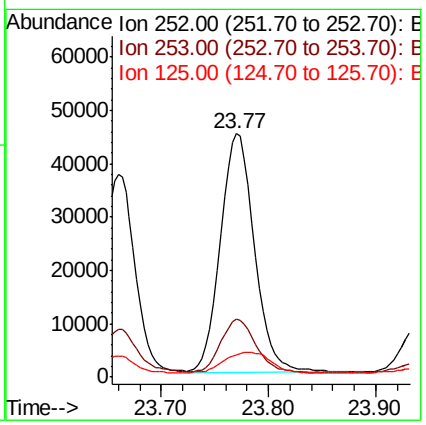


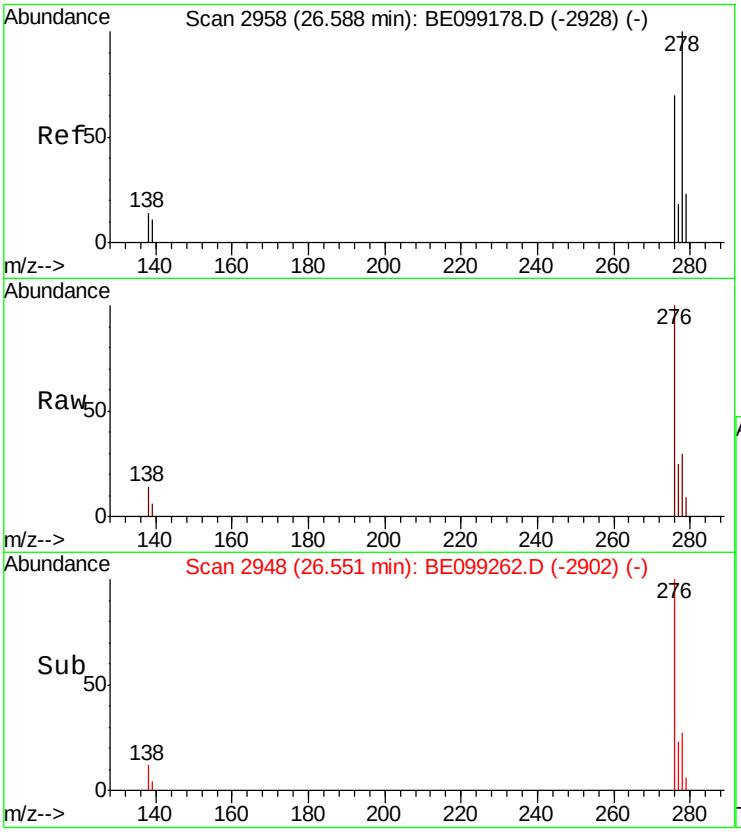


#37
Benzo(a)pyrene
Concen: 0.767 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:252 Resp: 98389

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	9.3	6.8	10.2



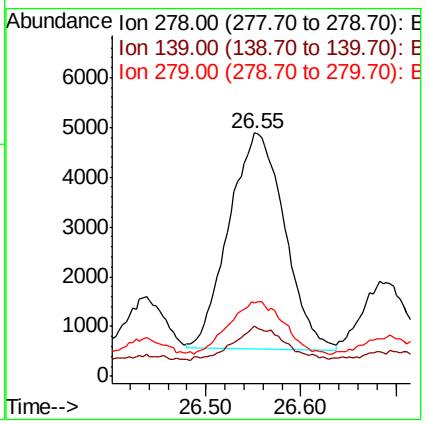


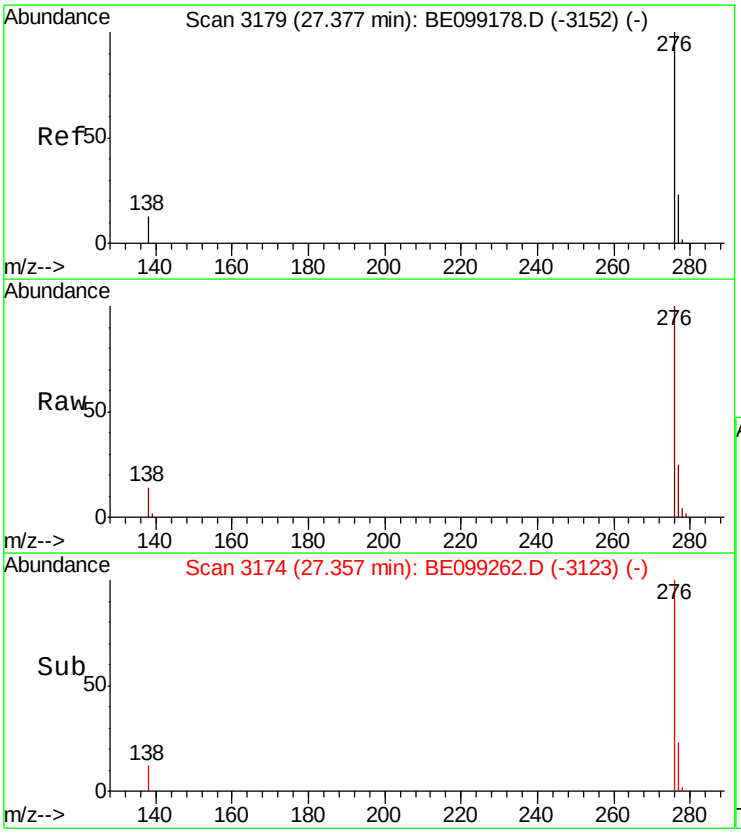
#38
Dibenzo(a,h)anthracene
Concen: 0.155 ng
RT: 26.55 min Scan# 2948
Delta R.T. -0.04 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Instrument :
BNA_E
ClientSampleId :
EXT-028-SW004-032519

Tgt Ion:278 Resp: 17627

Ion	Ratio	Lower	Upper
278	100		
139	20.6	9.5	14.3#
279	30.1	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.609 ng
RT: 27.36 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BE099262.D
Acq: 29 Mar 2019 19:38

Tgt Ion:276 Resp: 69555

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.0	28.4
138	14.1	11.1	16.7