Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099549.D
Acq On : 6 May 2019 13:03
Operator : JU/SJ
Sample : K2589-14DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B188-042419DL

Quant Time: May 07 08:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1808	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	6373	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	4568	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	12628	0.40	ng		0.00
27) Chrysene-d12	21.43	240	18561	0.40	ng		-0.01
34) Perylene-d12	23.99	264	22744	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	411	0.08	ng		0.00
5) Phenol-d6	6.99	99	545	0.08	ng		0.00
8) Nitrobenzene-d5	8.98	82	462	0.08	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	783	0.07	ng		-0.01
14) 2,4,6-Tribromophenol	15.98	330	227	0.08	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	1114	0.06	ng		0.00
25) Fluoranthene-d10	19.28	212	10407	0.06	ng		0.00
29) Terphenyl-d14	19.87	244	2359	0.07	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.63	42	47	0.031	ng	#	1
9) Naphthalene	10.68	128	12612	0.182	ng		98
12) 2-Methylnaphthalene	12.31	142	1666	0.138	ng		95
16) Acenaphthylene	14.21	152	1380	0.062	ng	#	86
17) Acenaphthene	14.56	154	4584	0.359	ng		99
18) Fluorene	15.54	166	5834	0.310	ng	#	97
22) Pentachlorophenol	16.89	266	346	0.298	ng	#	85
23) Phenanthrene	17.28	178	123515	3.791	ng		99
24) Anthracene	17.38	178	22459	0.723	ng	#	93
26) Fluoranthene	19.31	202	162338	3.326	ng		99
28) Pyrene	19.67	202	143493	2.966	ng	#	95
30) Benzo(a)anthracene	21.41	228	90995	1.539	ng		99
31) Chrysene	21.46	228	78516	1.357	ng		96
32) Bis(2-ethylhexyl)phthalate	21.33	149	5525	Below Cal		#	91
33) Indeno(1,2,3-cd)pyrene	26.69	276	38181	0.558	ng	#	97
35) Benzo(b)fluoranthene	23.20	252	82148	1.253	ng		98
36) Benzo(k)fluoranthene	23.20	252	82148	1.299	ng		98
37) Benzo(a)pyrene	23.87	252	63202	1.019	ng		99
38) Dibenzo(a,h)anthracene	26.72	278	10626	0.168	ng	#	81
39) Benzo(g,h,i)perylene	27.53	276	35370	0.557	ng		97

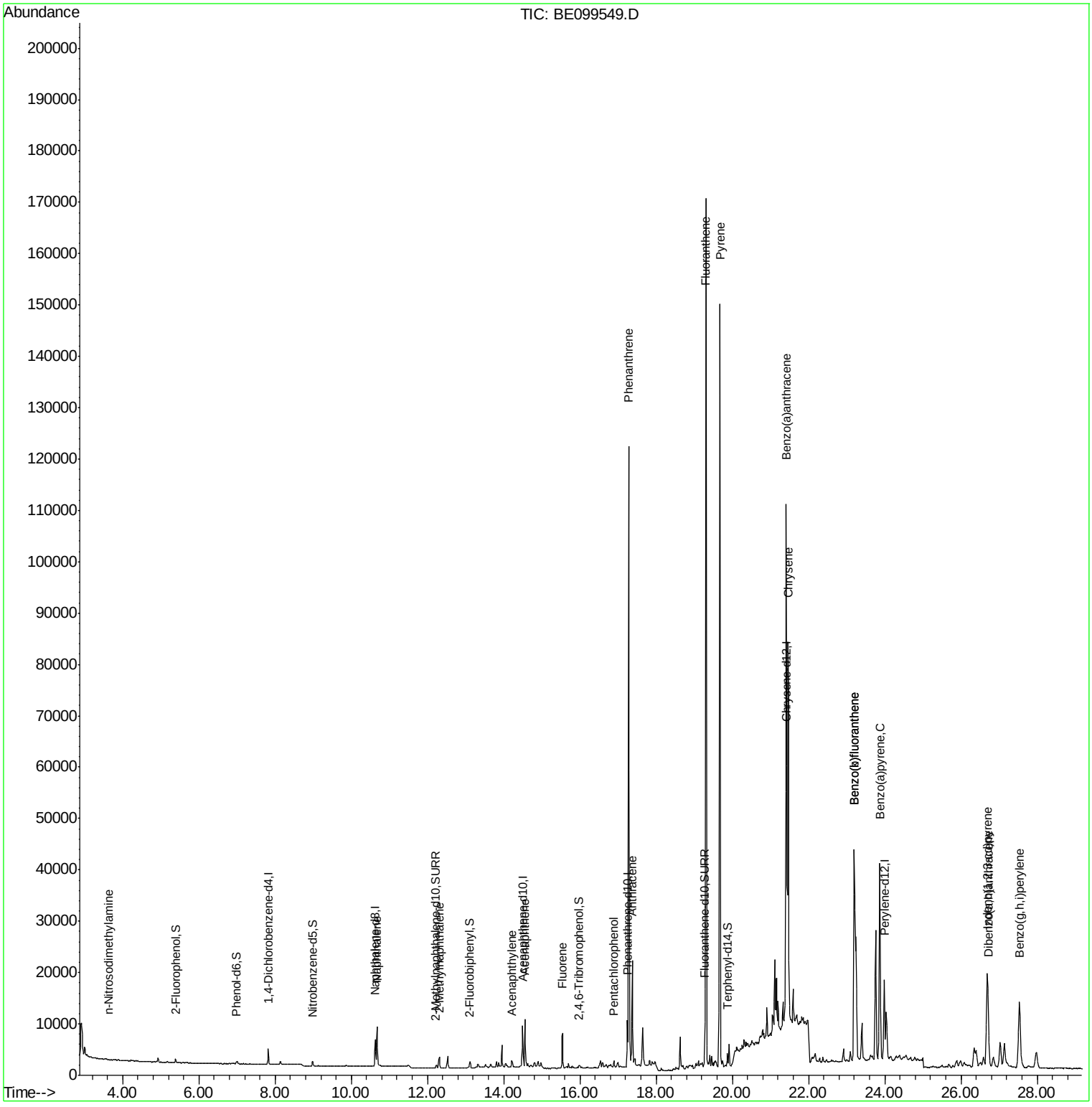
(#) = qualifier out of range (m) = manual integration (+) = signals summed

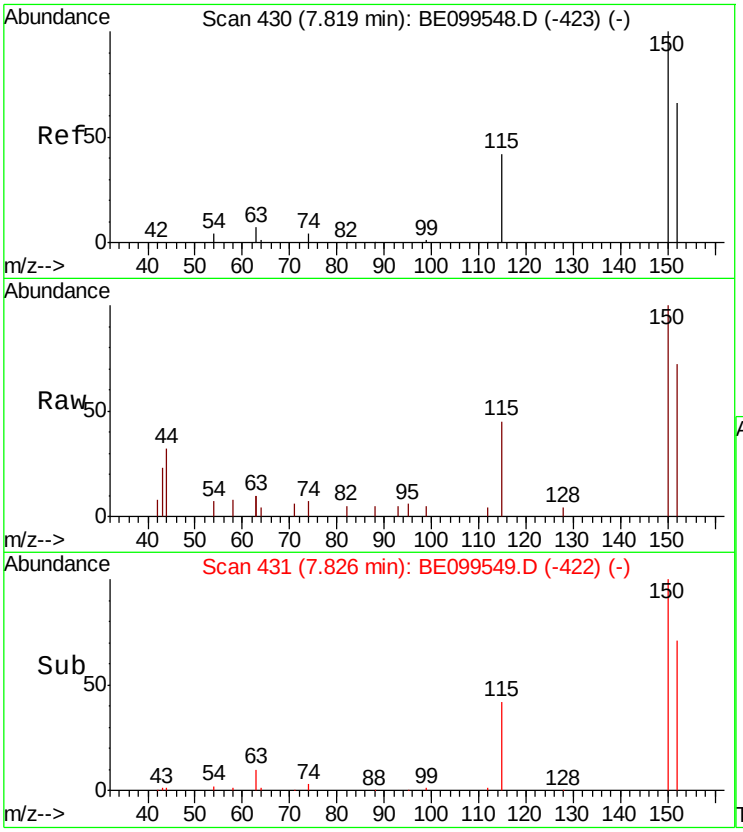
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
Data File : BE099549.D
Acq On : 6 May 2019 13:03
Operator : JU/SJ
Sample : K2589-14DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Quant Time: May 07 08:10:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 08:07:29 2019
Response via : Initial Calibration



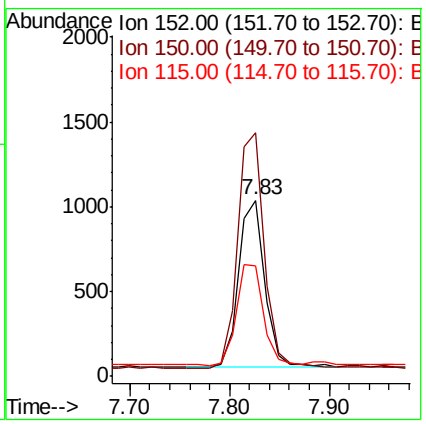


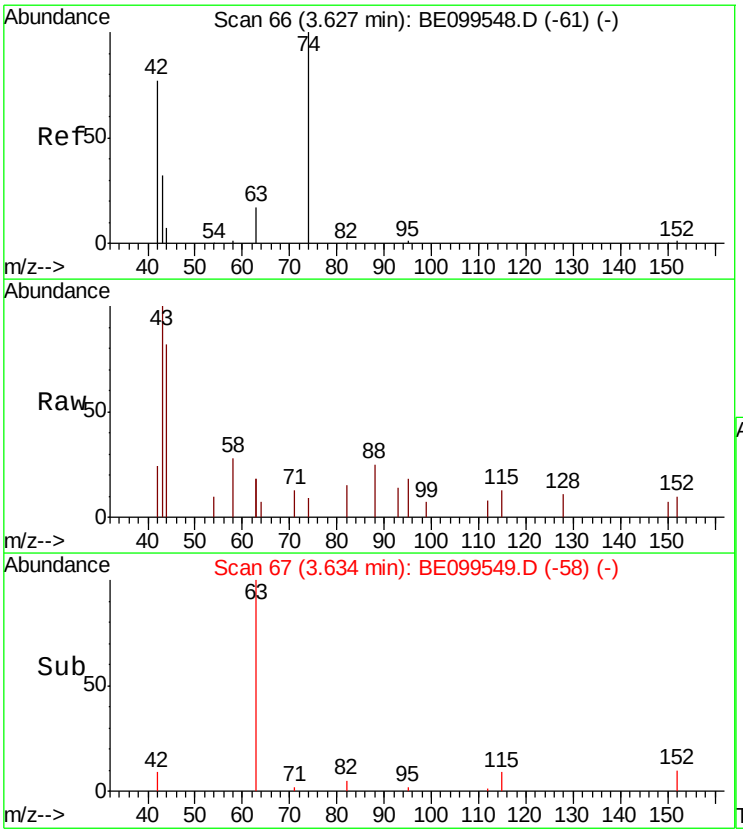
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:152 Resp: 1808

Ion	Ratio	Lower	Upper
152	100		
150	138.2	104.8	157.2
115	62.7	46.6	69.8

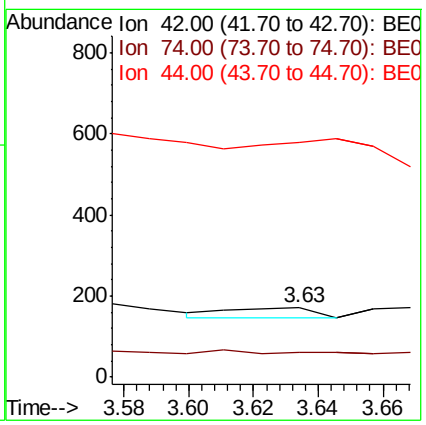


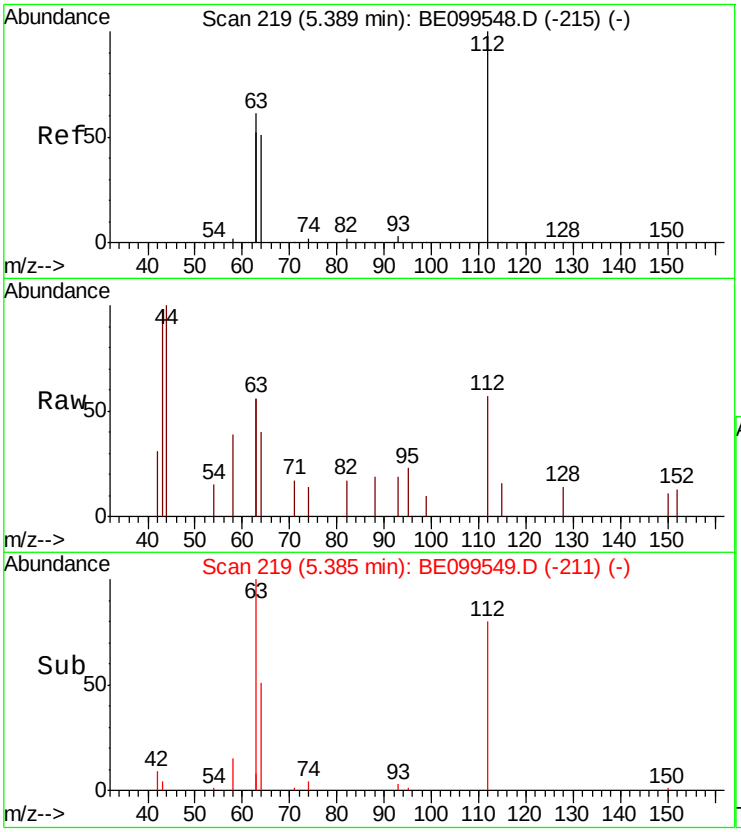


#3
n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion: 42 Resp: 47

Ion	Ratio	Lower	Upper
42	100		
74	0.0	141.6	212.4#
44	336.2	0.0	0.0#



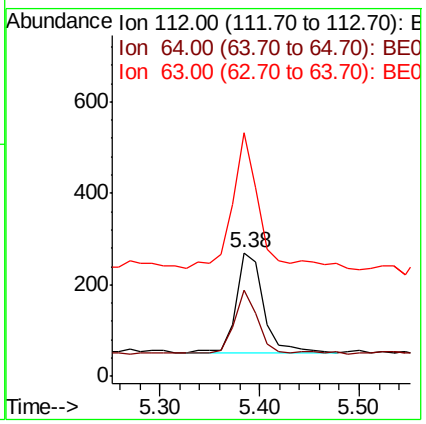


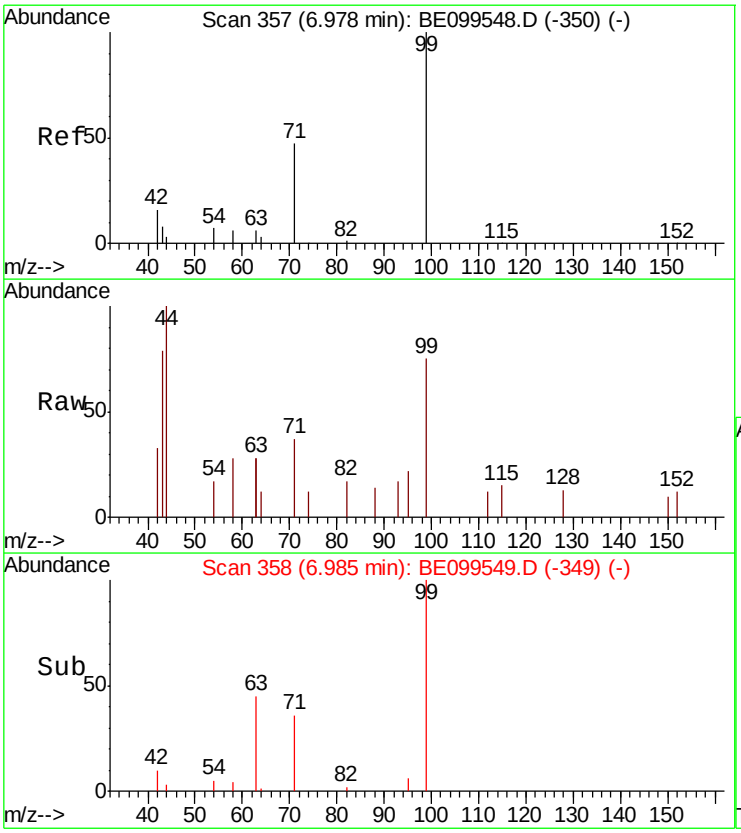
#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:112 Resp: 411

Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.4	71.0
63	123.8	104.3	156.5

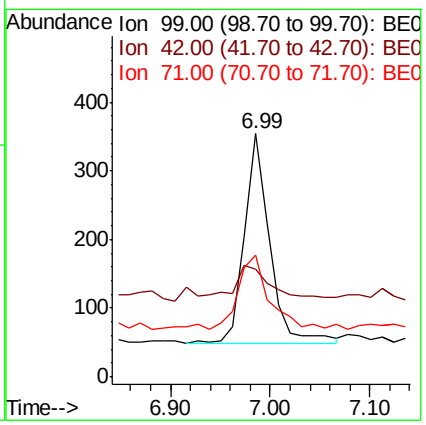


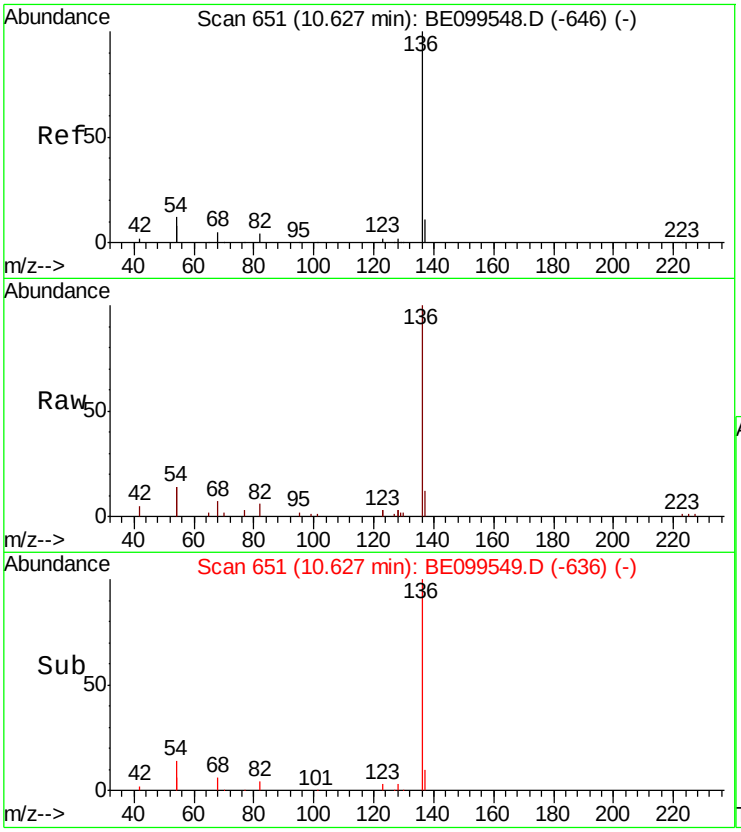


#5
Phenol-d6
Concen: 0.082 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion: 99 Resp: 545

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.9	22.3
71	40.4	33.0	49.6



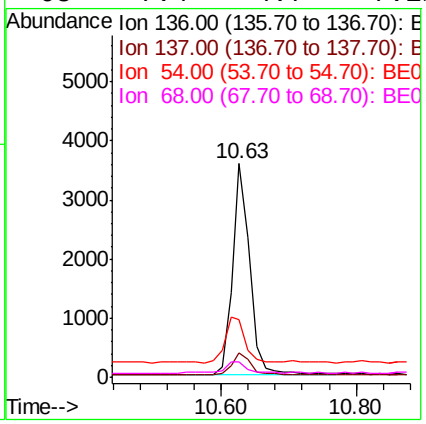


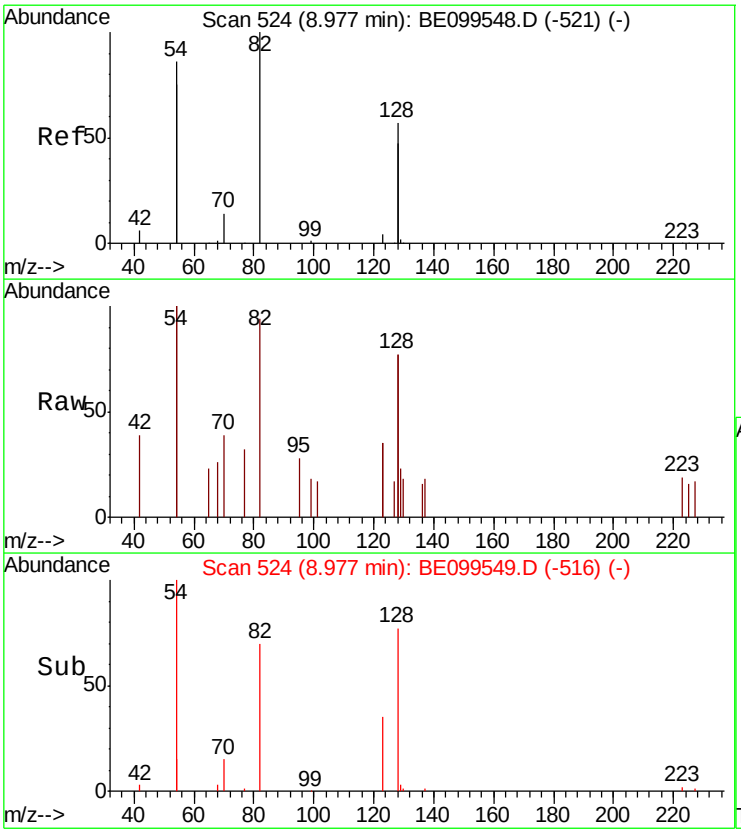
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:136 Resp: 6373

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	27.3	18.5	27.7
68	7.4	4.7	7.1#

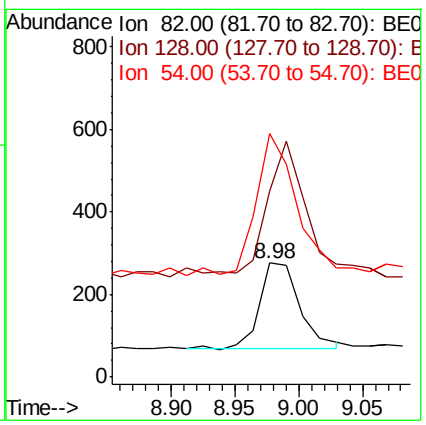


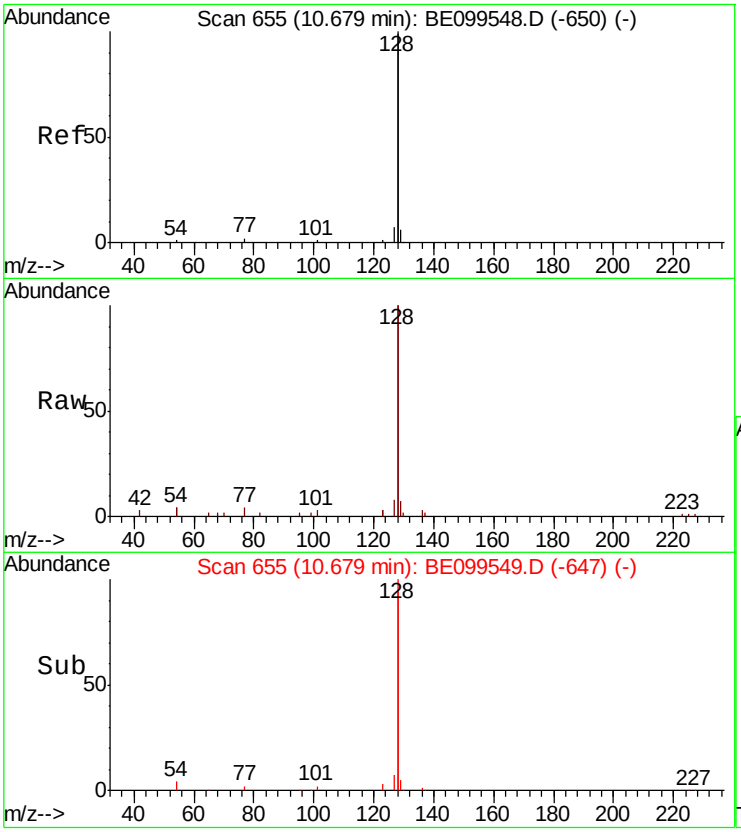


#8
Nitrobenzene-d5
Concen: 0.077 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion: 82 Resp: 462

Ion	Ratio	Lower	Upper
82	100		
128	163.8	107.0	160.4#
54	213.8	113.1	169.7#



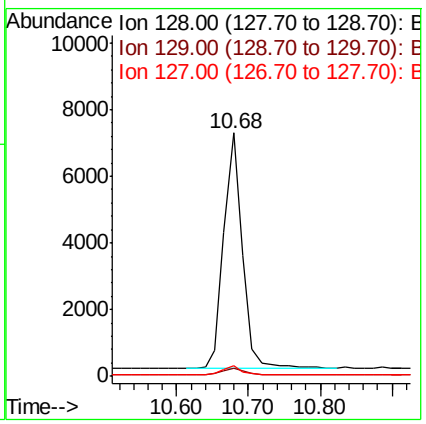


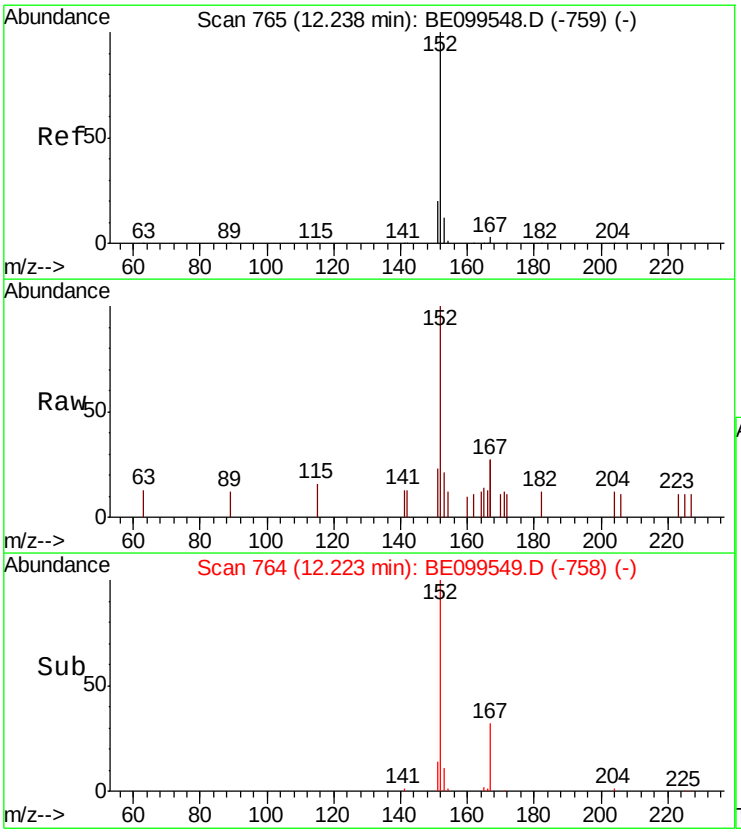
#9
Naphthalene
Concen: 0.182 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:128 Resp: 12612

Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.4	3.6
127	4.2	2.8	4.2

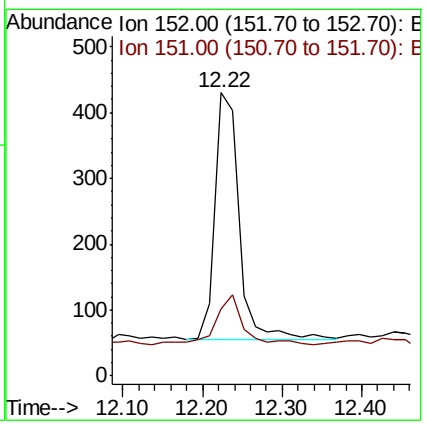


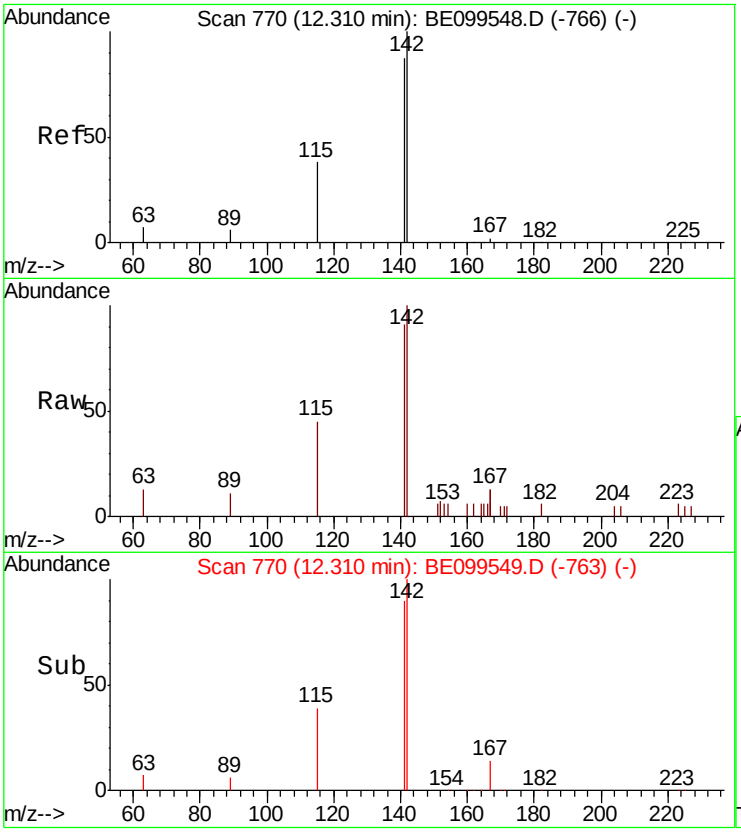


#11
2-Methylnaphthalene-d10
Concen: 0.068 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:152 Resp: 783

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.5	23.3



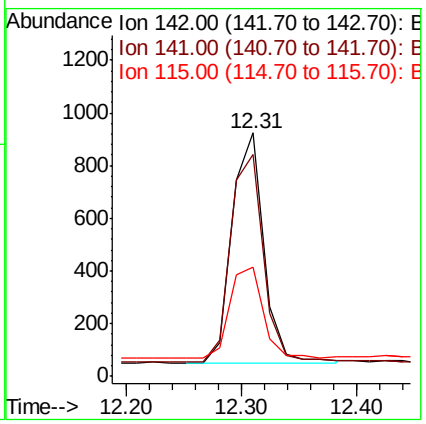


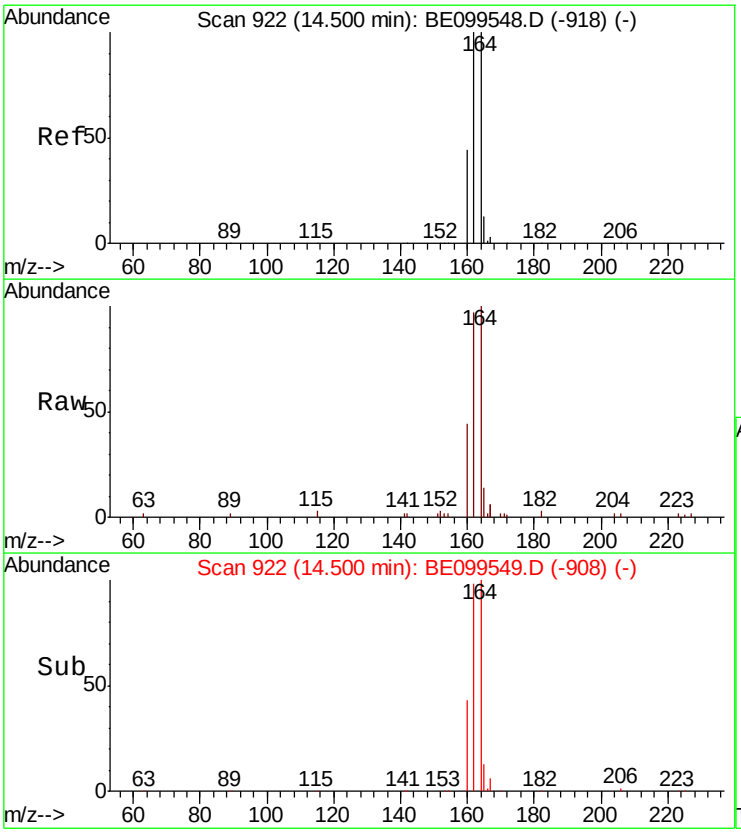
#12
2-Methylnaphthalene
Concen: 0.138 ng
RT: 12.31 min Scan# 770
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:142 Resp: 1666

Ion	Ratio	Lower	Upper
142	100		
141	91.1	77.0	115.4
115	44.7	33.4	50.0

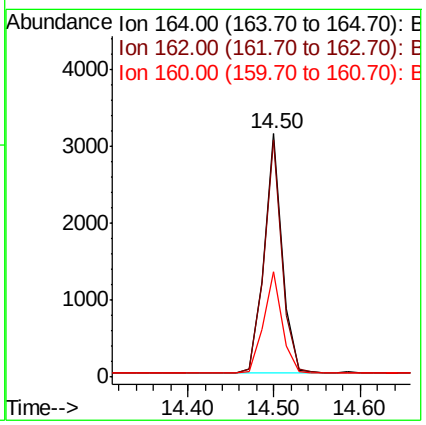


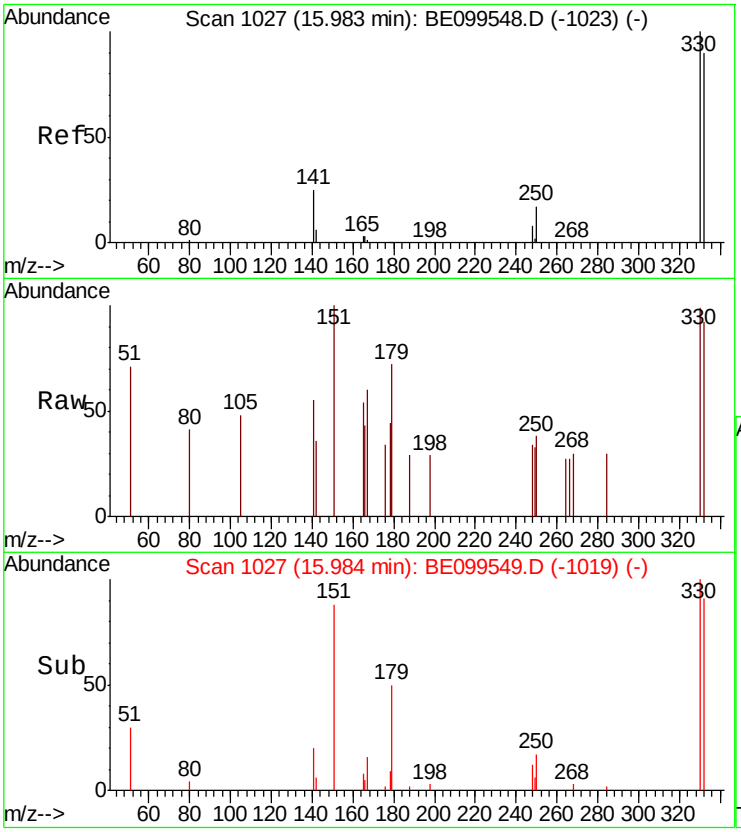


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:164 Resp: 4568

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.0	118.4
160	43.5	37.0	55.4



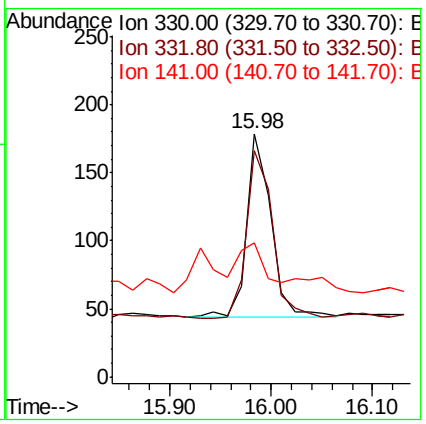


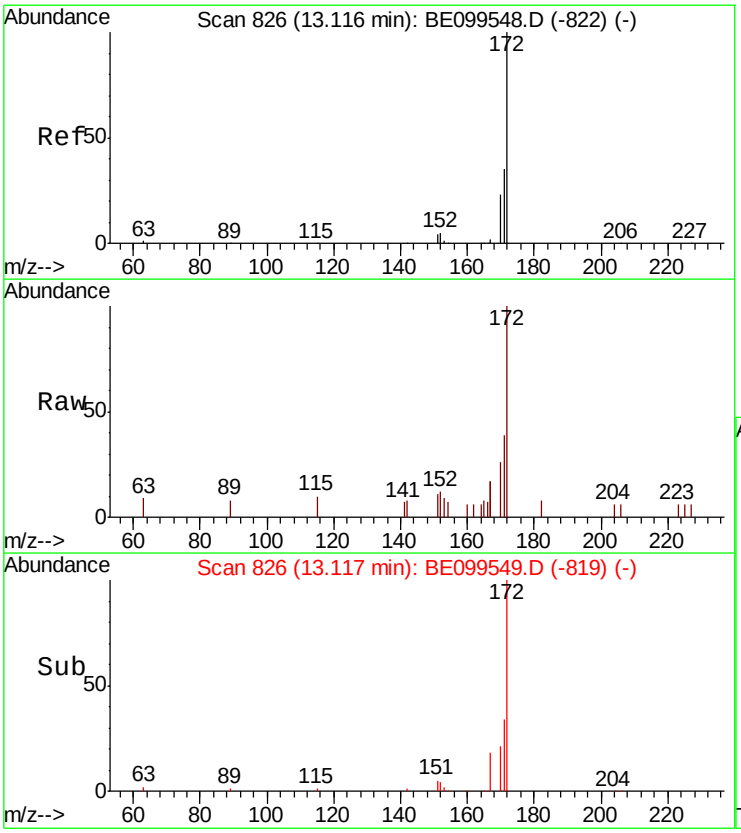
#14
2,4,6-Tribromophenol
Concen: 0.079 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:330 Resp: 227

Ion	Ratio	Lower	Upper
330	100		
332	98.2	71.5	107.3
141	20.3	24.0	36.0#

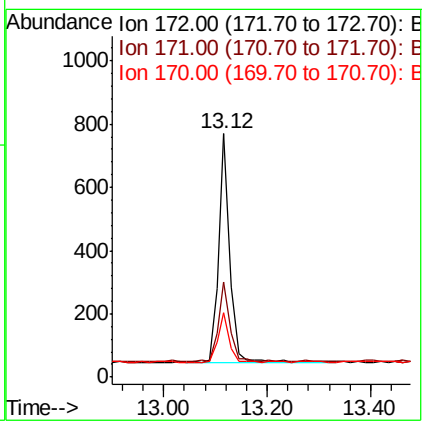


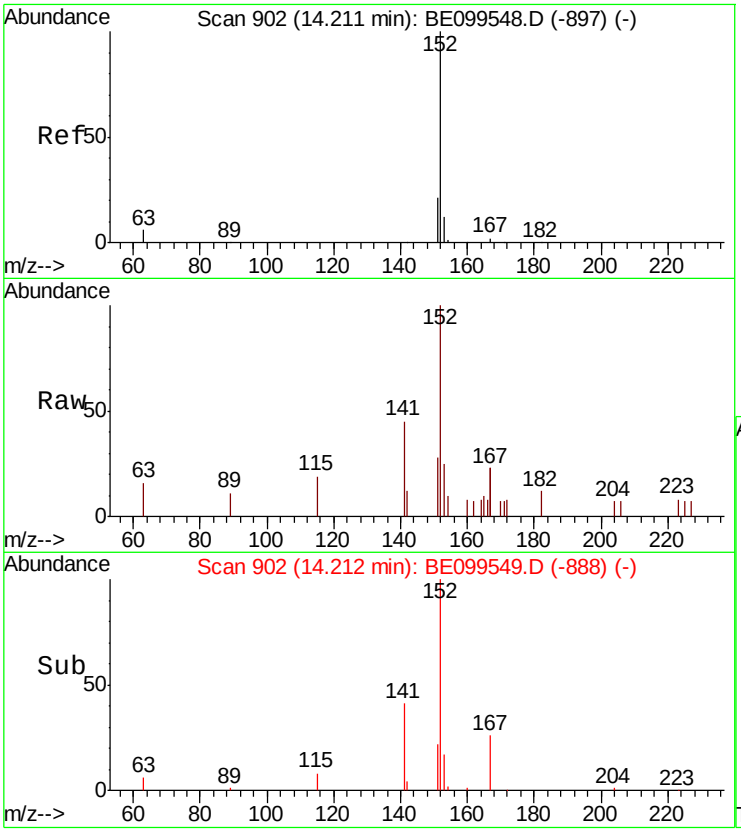


#15
2-Fluorobiphenyl
Concen: 0.064 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:172 Resp: 1114

Ion	Ratio	Lower	Upper
172	100		
171	39.2	26.6	39.8
170	26.5	17.0	25.6#



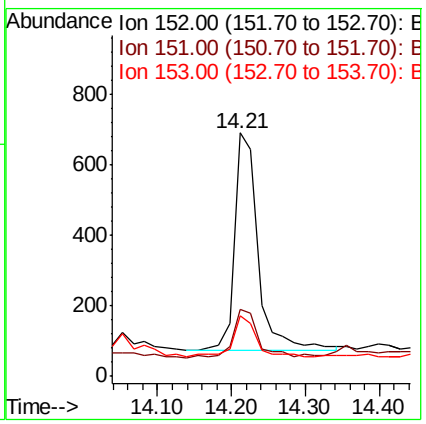


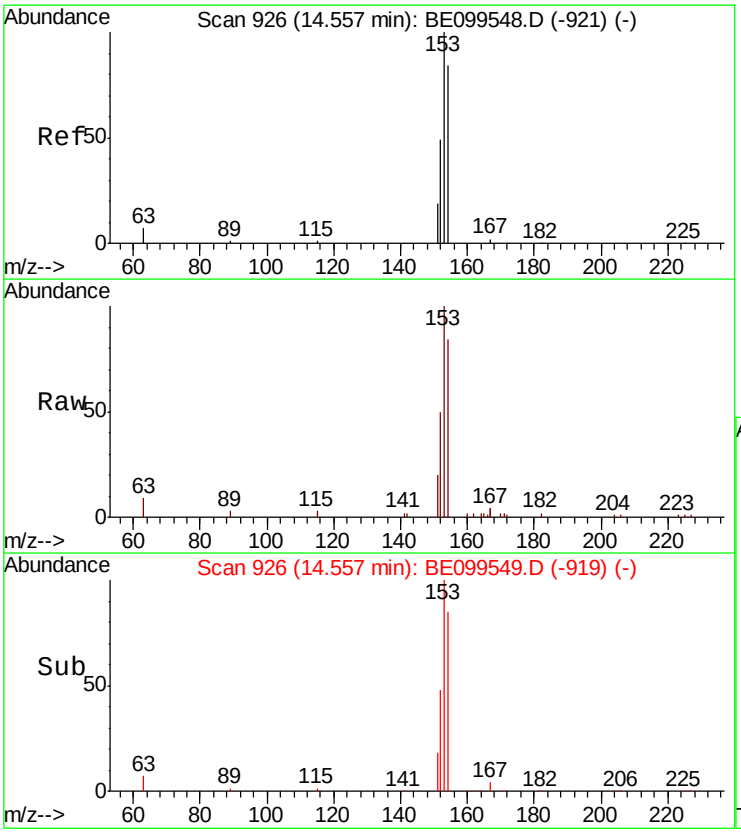
#16
Acenaphthylene
Concen: 0.062 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:152 Resp: 1380

Ion	Ratio	Lower	Upper
152	100		
151	25.3	15.4	23.2#
153	18.3	9.8	14.6#

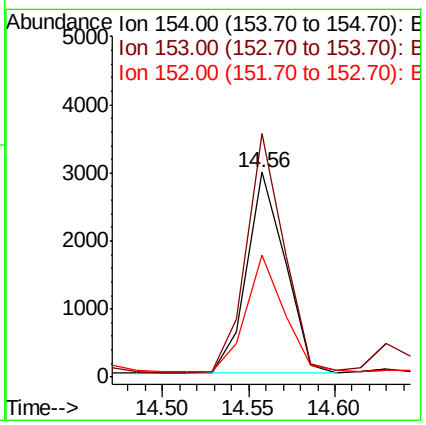


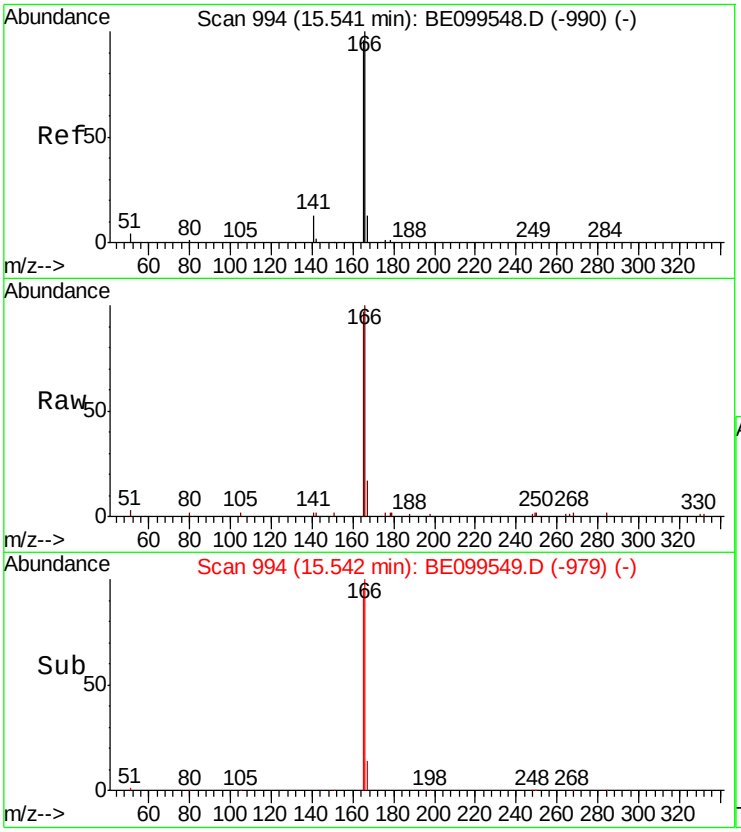


#17
Acenaphthene
Concen: 0.359 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:154 Resp: 4584

Ion	Ratio	Lower	Upper
154	100		
153	117.3	92.6	138.8
152	58.4	45.8	68.8



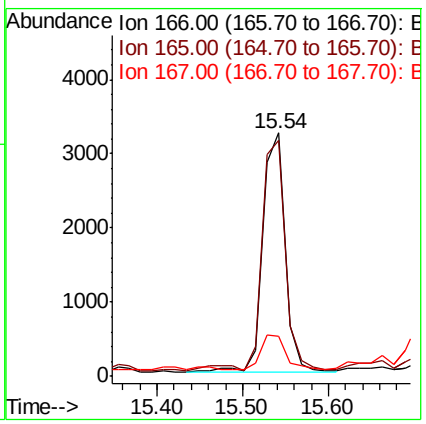


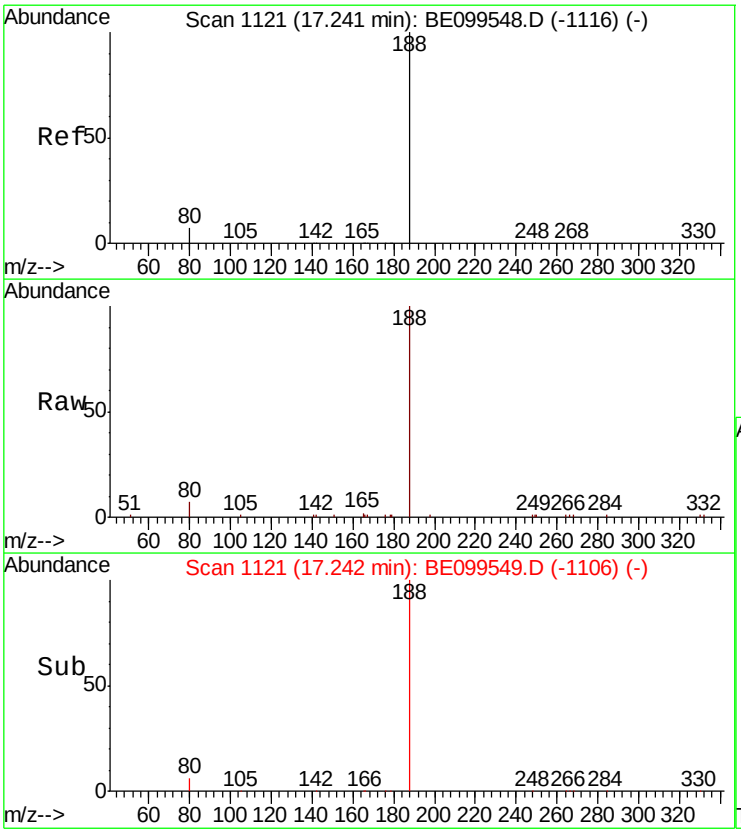
#18
Fluorene
Concen: 0.310 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:166 Resp: 5834

Ion	Ratio	Lower	Upper
166	100		
165	102.6	80.3	120.5
167	16.2	10.7	16.1#

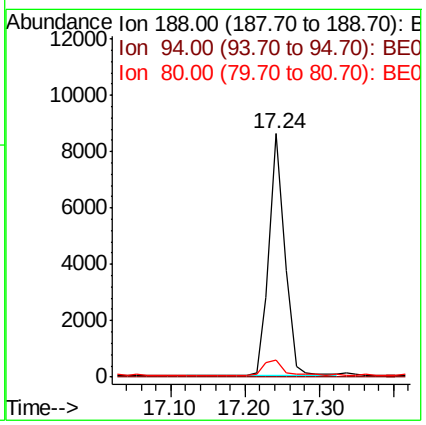


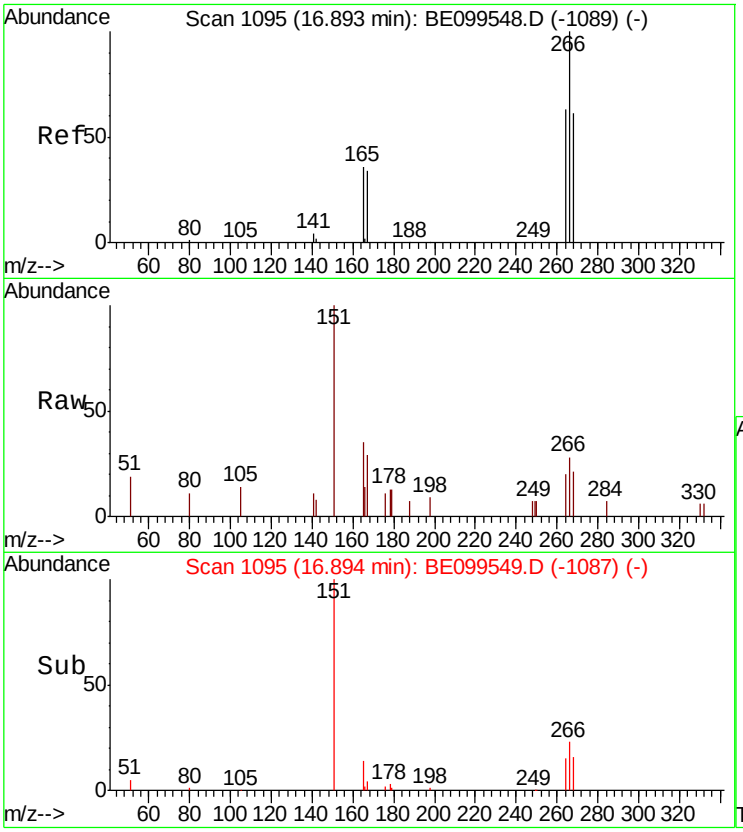


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:188 Resp: 12628

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.7	10.1



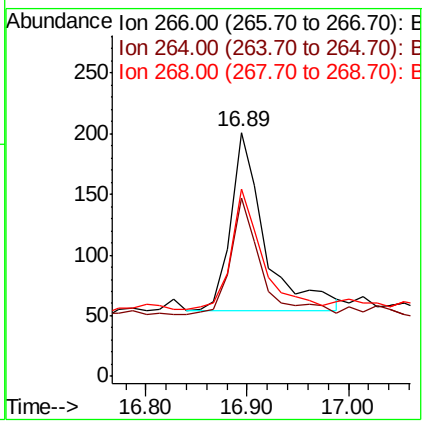


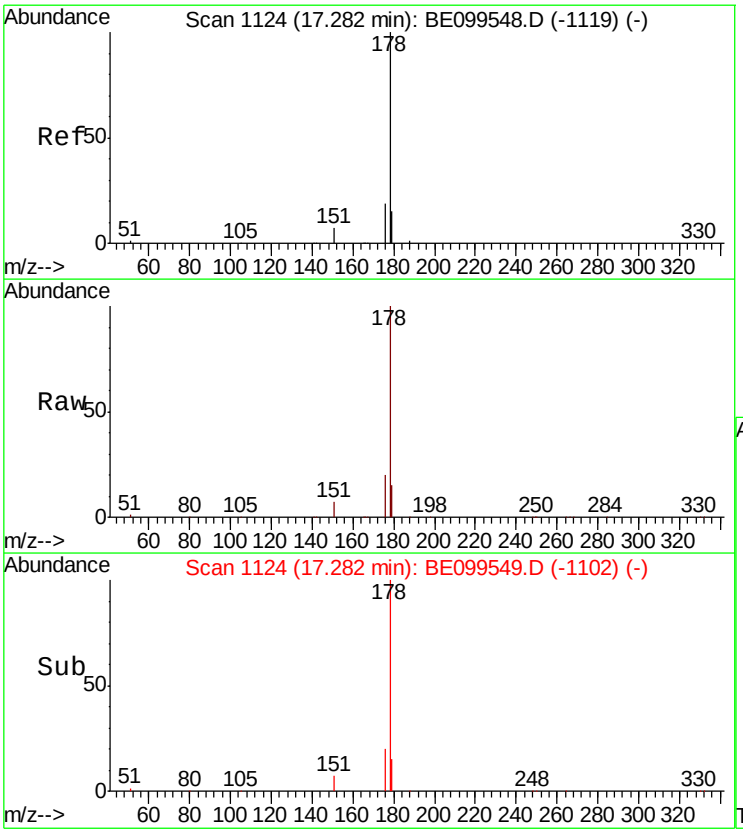
#22
Pentachlorophenol
Concen: 0.298 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:266 Resp: 346

Ion	Ratio	Lower	Upper
266	100		
264	73.1	50.8	76.2
268	76.6	50.5	75.7#

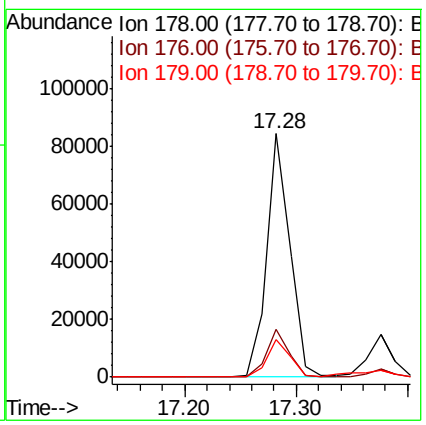


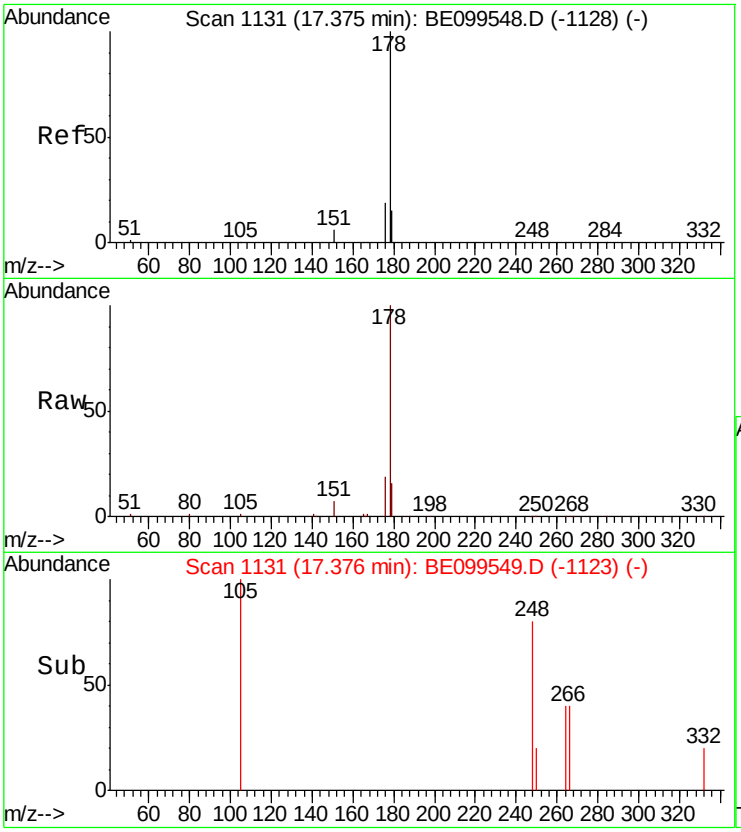


#23
Phenanthrene
Concen: 3.791 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:178 Resp: 123515

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.0	18.0



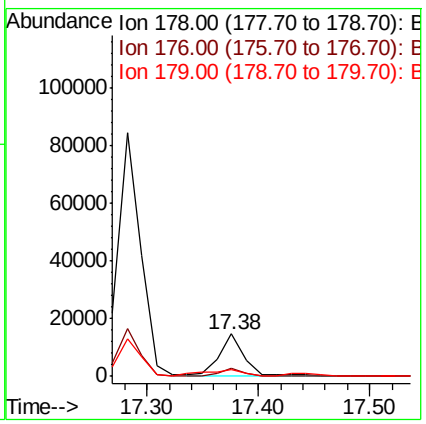


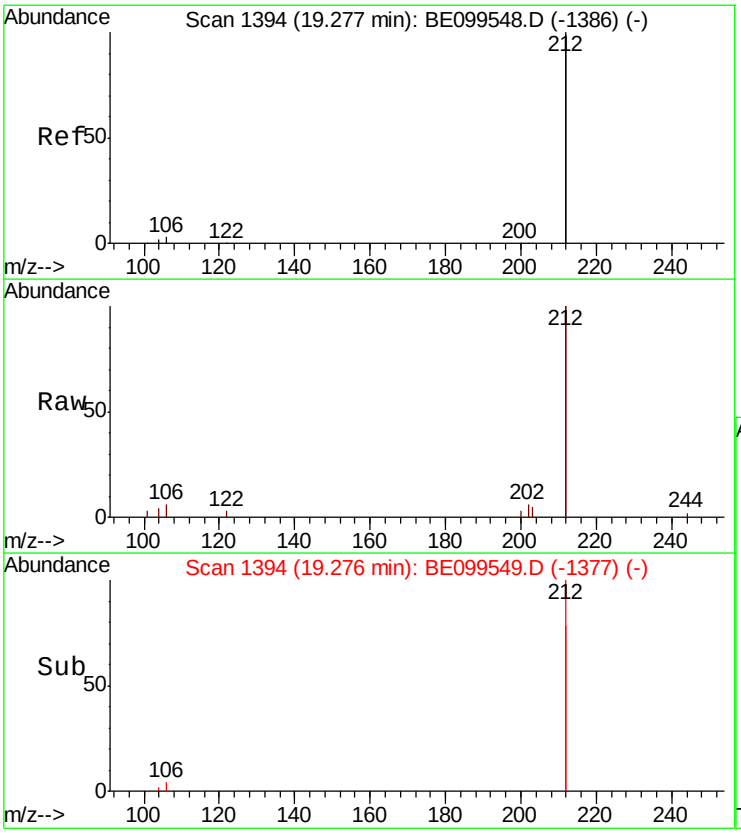
#24
Anthracene
Concen: 0.723 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:178 Resp: 22459

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	20.9	11.9	17.9#

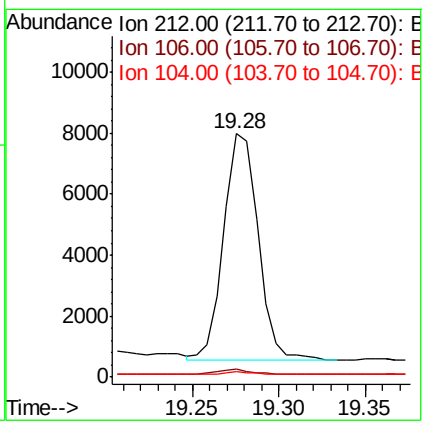


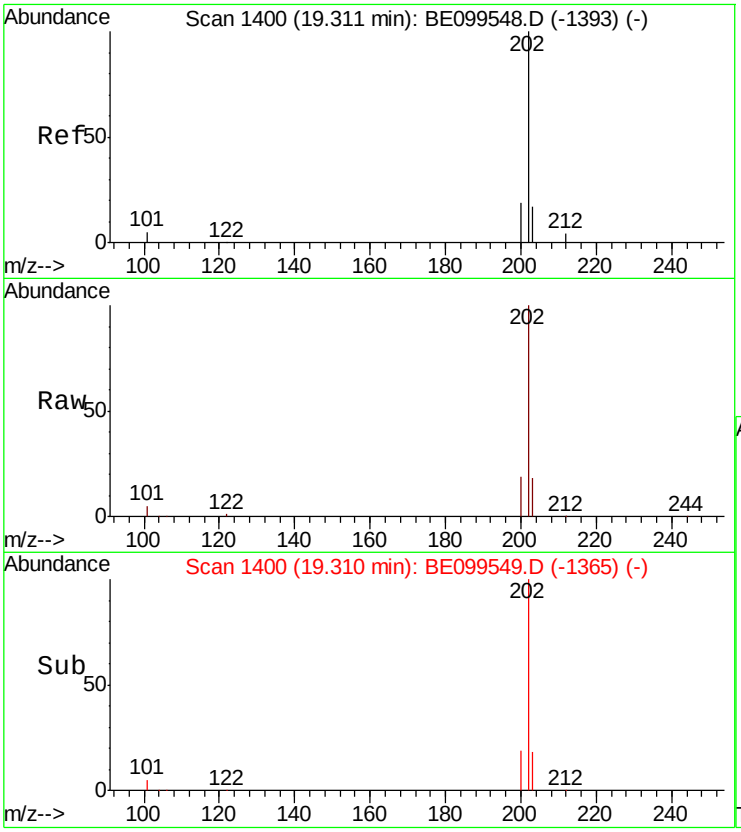


#25
Fluoranthene-d10
Concen: 0.061 ng
RT: 19.28 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:212 Resp: 10407

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.5	2.3
104	1.3	0.9	1.3#



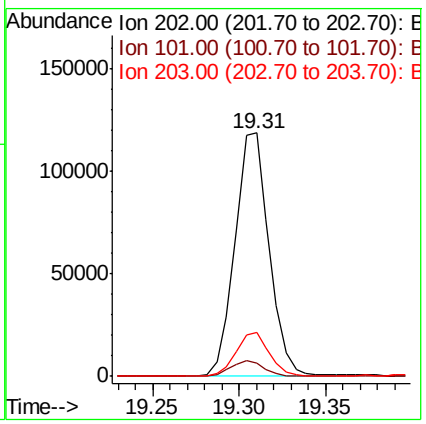


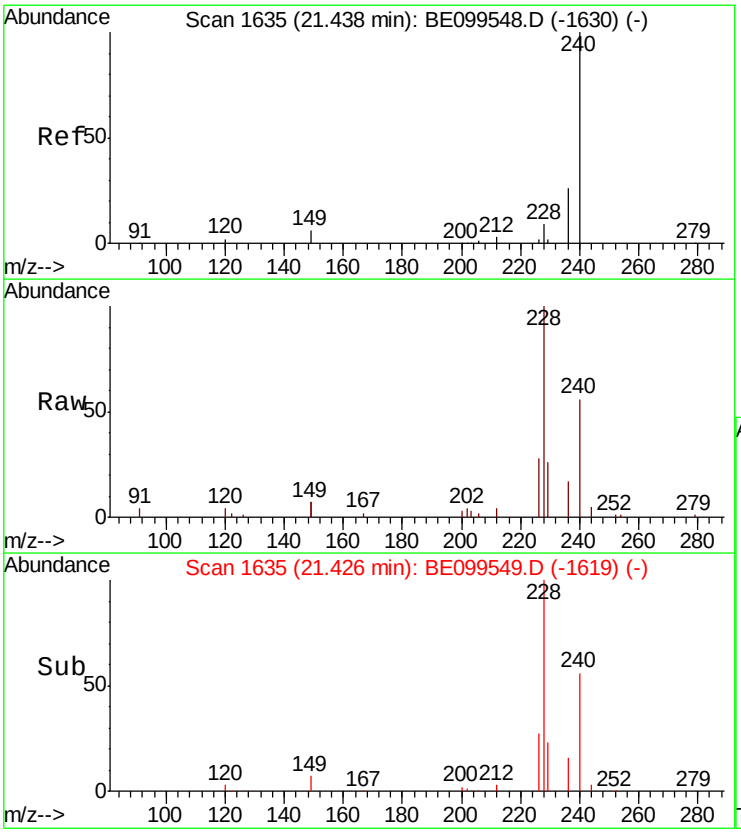
#26
Fluoranthene
Concen: 3.326 ng
RT: 19.31 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:202 Resp: 162338

Ion	Ratio	Lower	Upper
202	100		
101	6.1	5.4	8.0
203	17.5	13.9	20.9

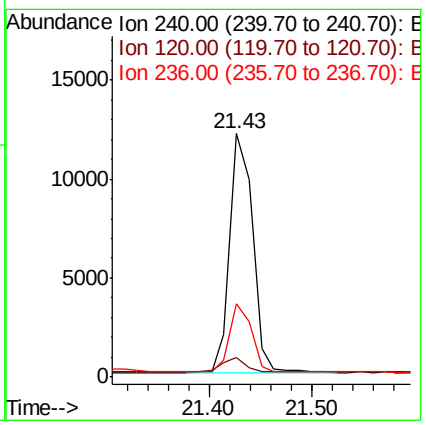


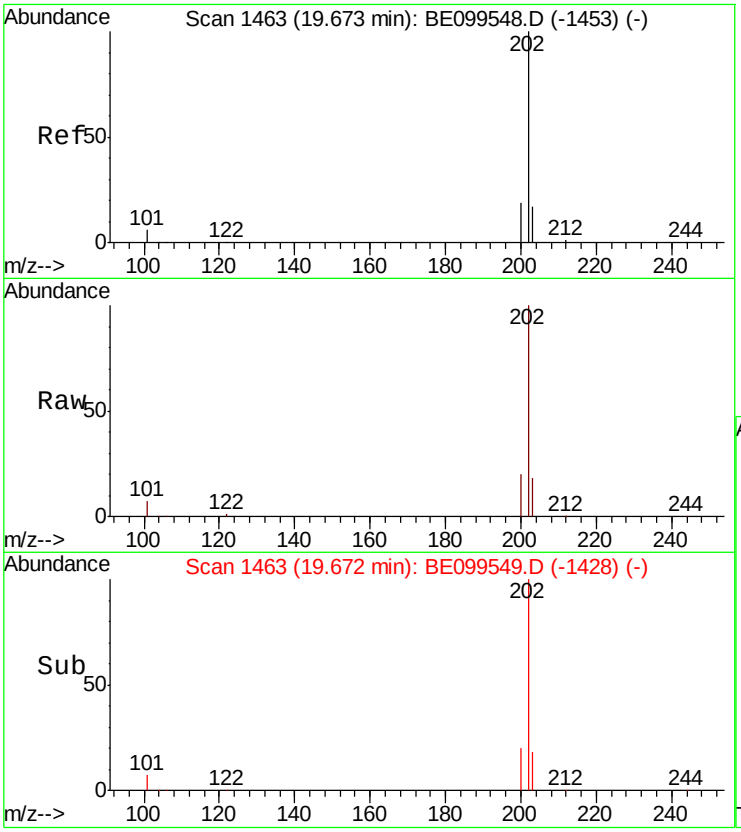


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:240 Resp: 18561

Ion	Ratio	Lower	Upper
240	100		
120	7.9	4.0	6.0#
236	30.2	22.0	33.0



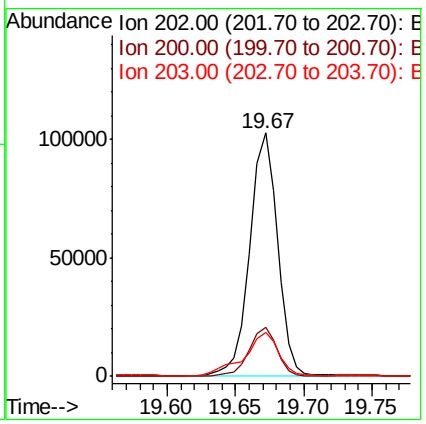


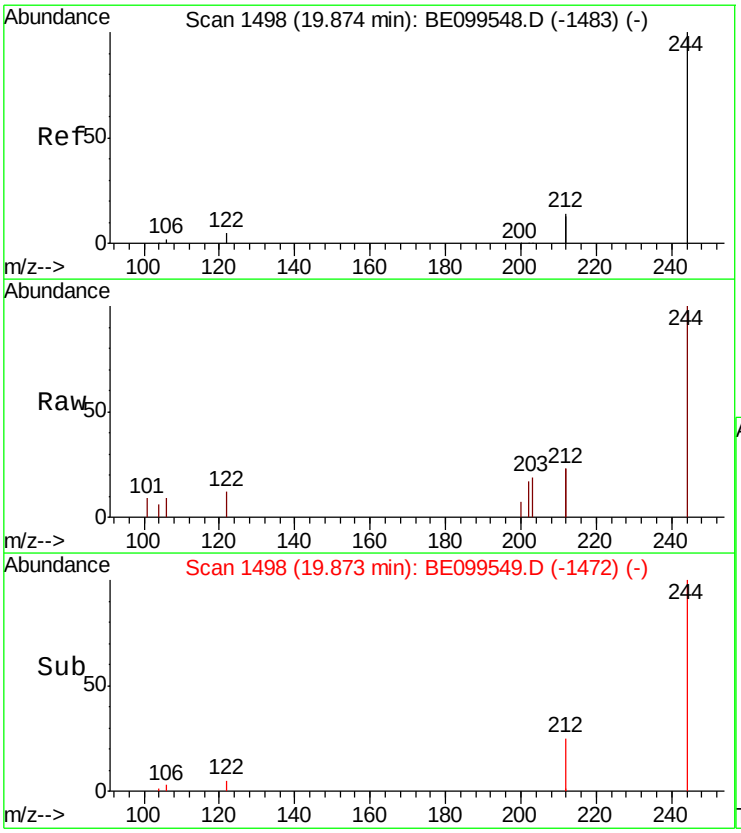
#28
Pyrene
Concen: 2.966 ng
RT: 19.67 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:202 Resp: 143493

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.7	23.5
203	21.9	13.9	20.9#

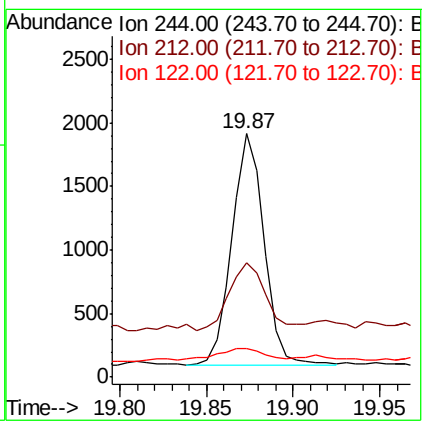


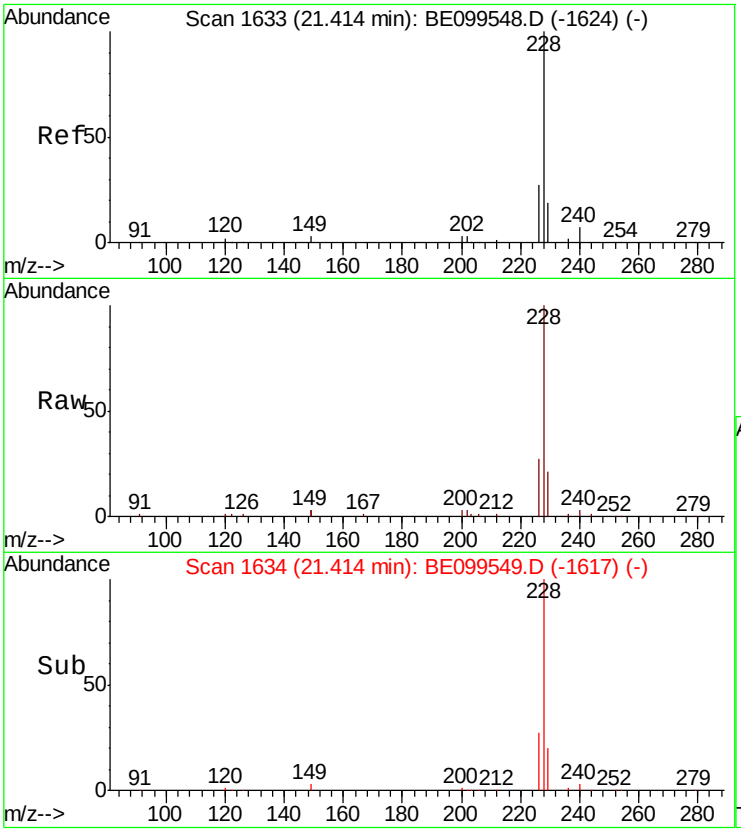


#29
Terphenyl-d14
Concen: 0.069 ng
RT: 19.87 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:244 Resp: 2359

Ion	Ratio	Lower	Upper
244	100		
212	46.9	23.2	34.8#
122	11.7	4.2	6.4#



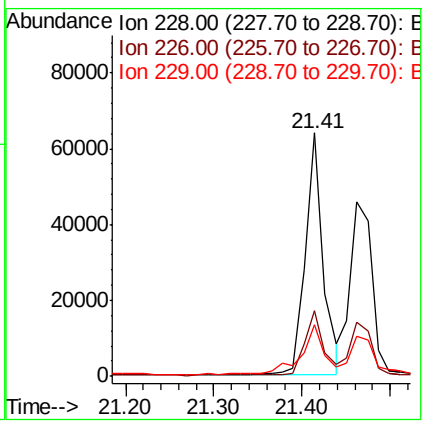


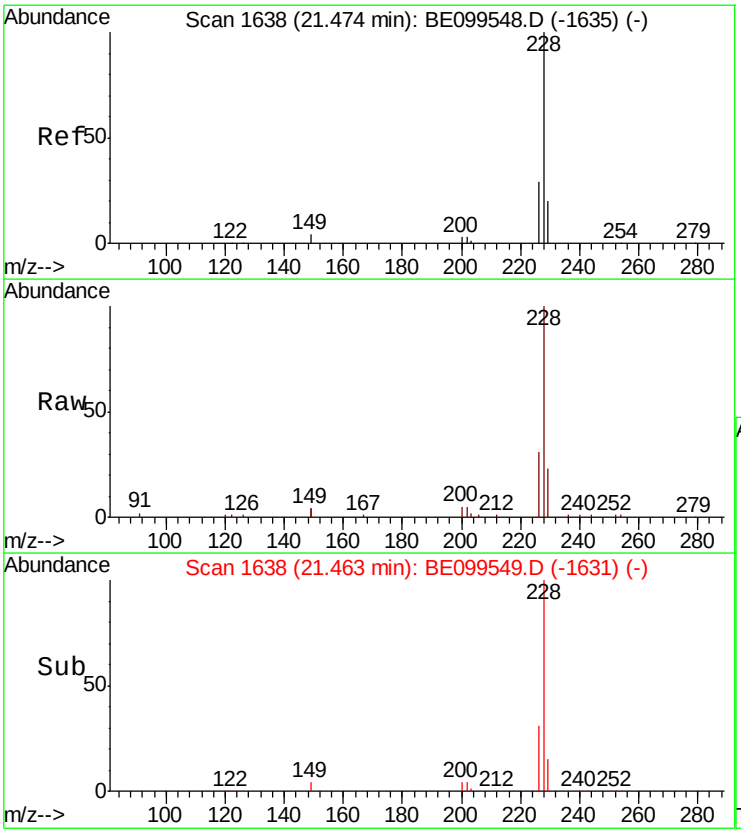
#30
Benzo(a)anthracene
Concen: 1.539 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:228 Resp: 90995

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.0	31.6
229	21.1	16.6	25.0

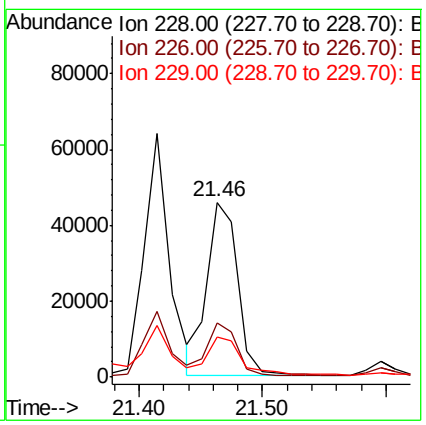


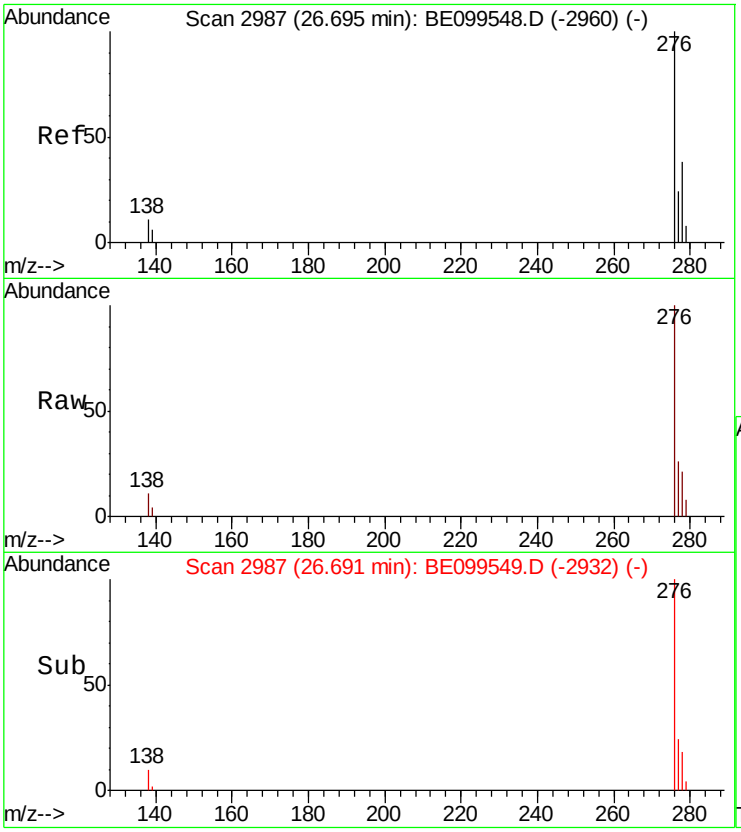


#31
Chrysene
Concen: 1.357 ng
RT: 21.46 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:228 Resp: 78516

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	22.8	15.8	23.8



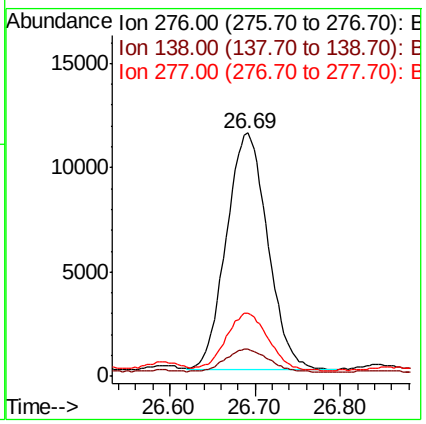


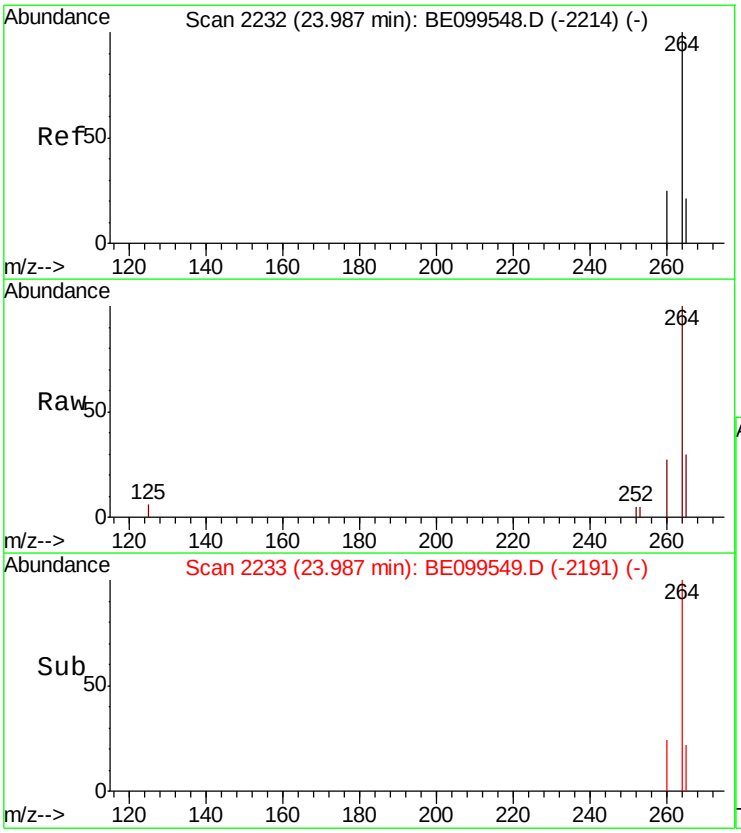
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 26.69 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:276 Resp: 38181

Ion	Ratio	Lower	Upper
276	100		
138	10.1	10.2	15.2#
277	24.7	19.2	28.8

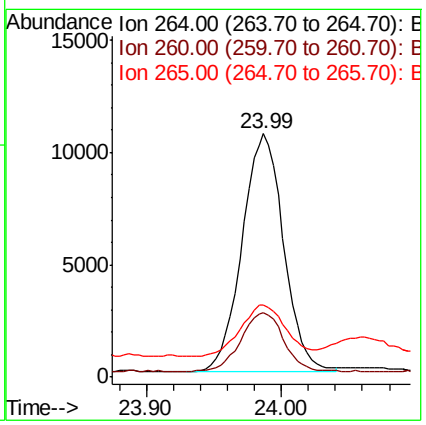


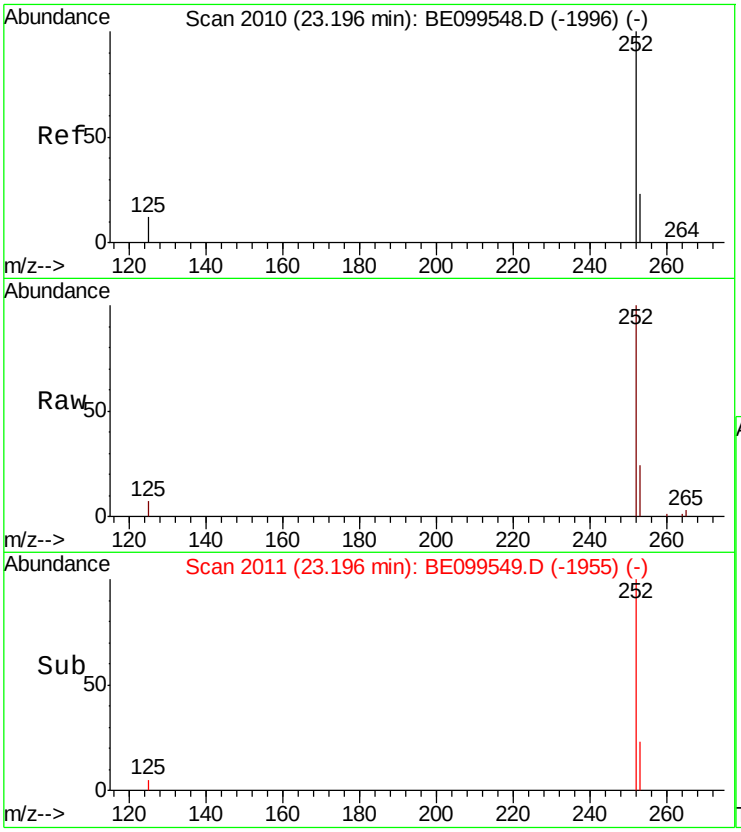


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:264 Resp: 22744

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.2	30.2
265	29.6	21.3	31.9



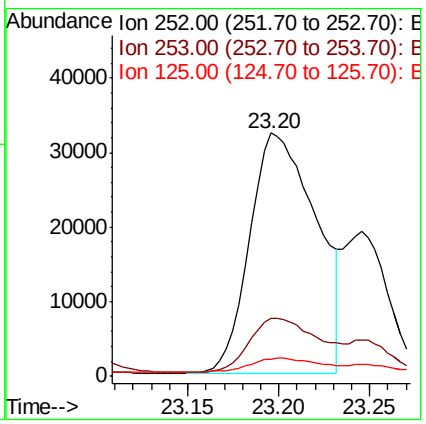


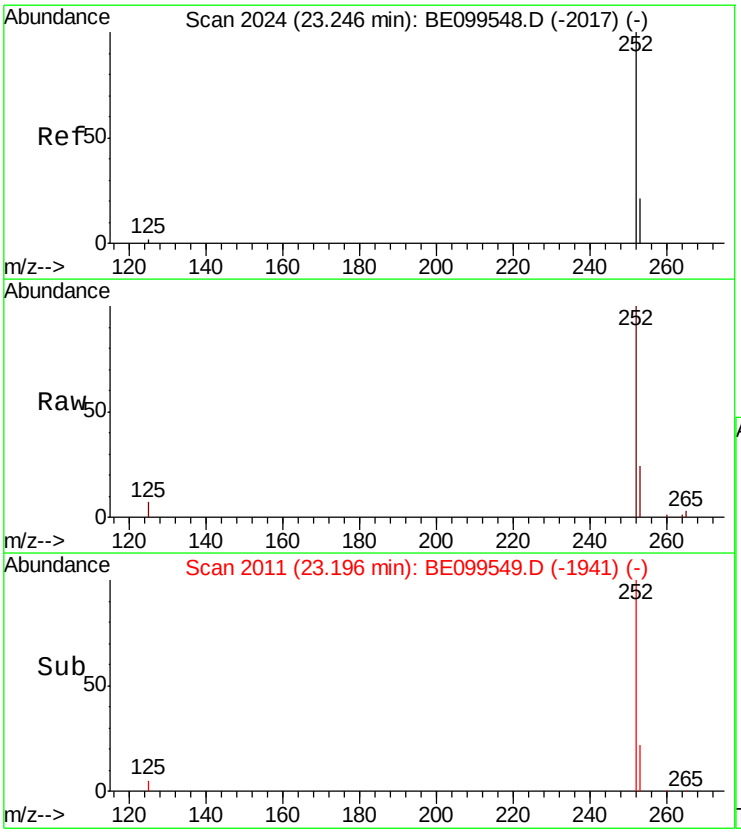
#35
Benzo(b)fluoranthene
Concen: 1.253 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:252 Resp: 82148

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	7.0	5.6	8.4

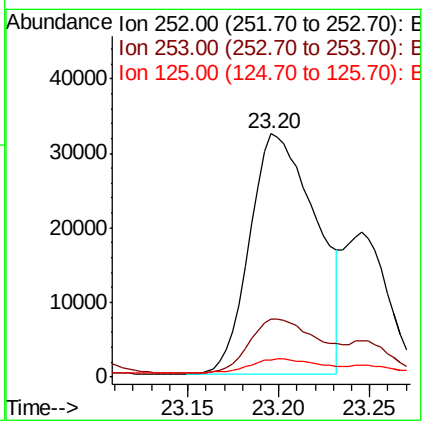


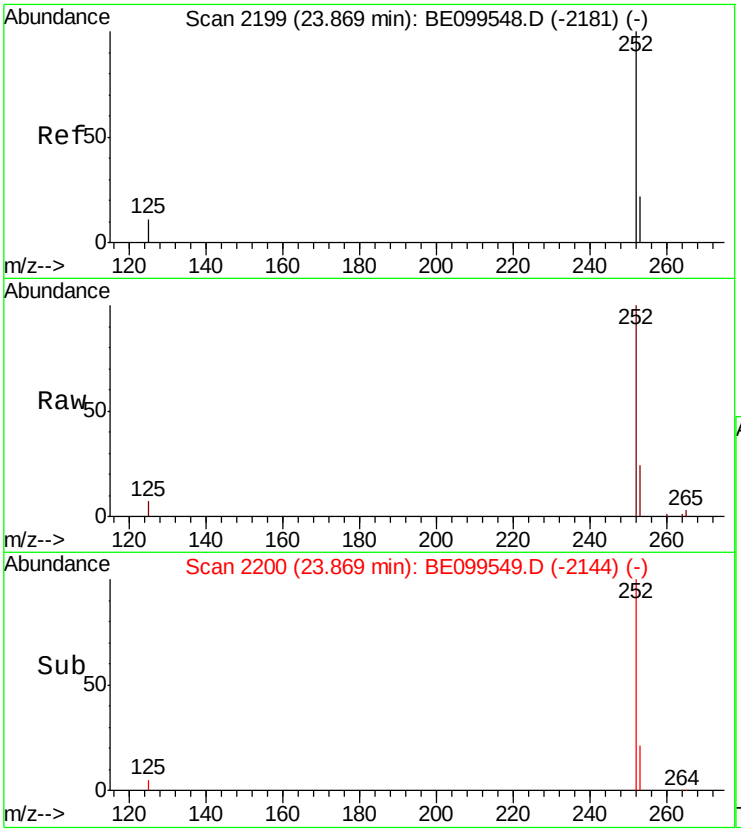


#36
Benzo(k)fluoranthene
Concen: 1.299 ng
RT: 23.20 min Scan# 2011
Delta R.T. -0.05 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:252 Resp: 82148

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	7.0	5.0	7.4



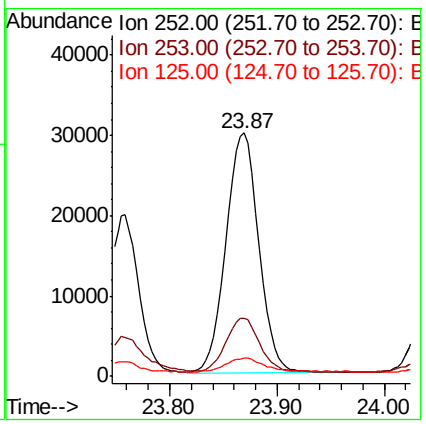


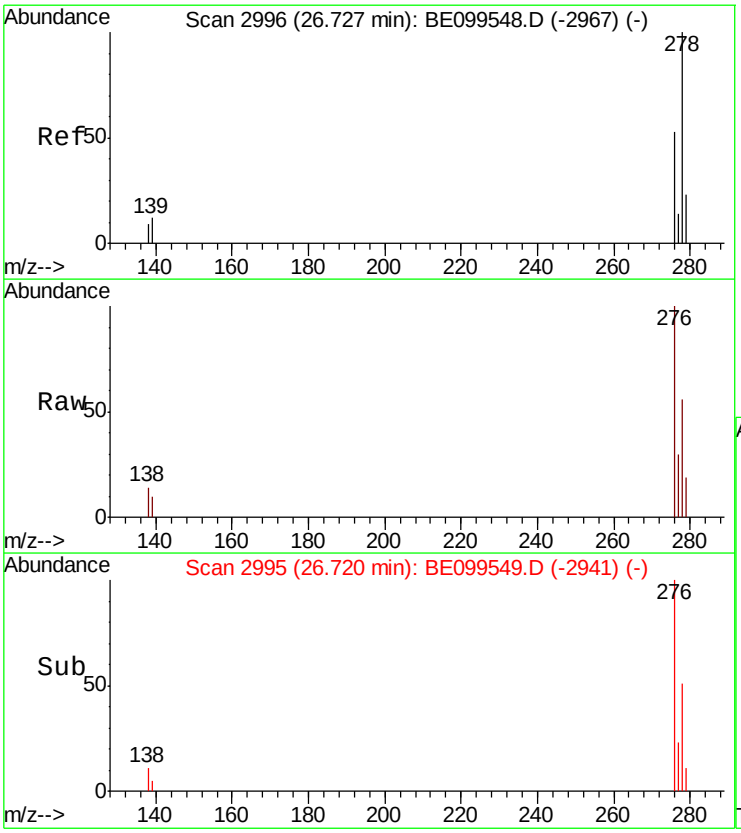
#37
Benzo(a)pyrene
Concen: 1.019 ng
RT: 23.87 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:252 Resp: 63202

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	7.4	6.7	10.1

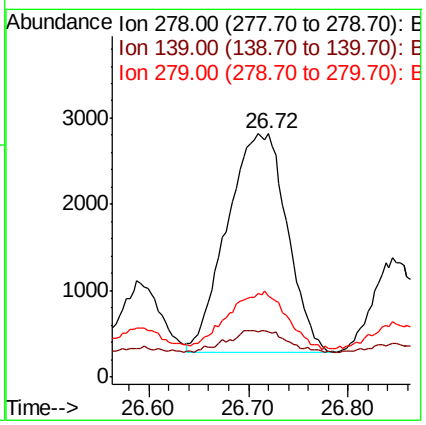


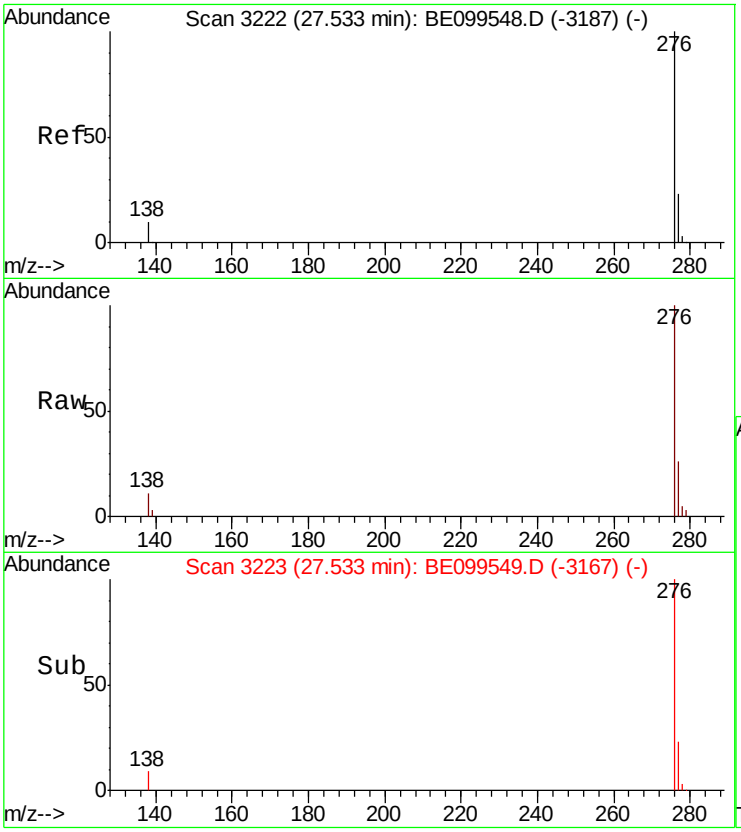


#38
Dibenzo(a,h)anthracene
Concen: 0.168 ng
RT: 26.72 min Scan# 2995
Delta R.T. -0.01 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Tgt Ion:278 Resp: 10626

Ion	Ratio	Lower	Upper
278	100		
139	18.7	7.7	11.5#
279	33.3	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.557 ng
RT: 27.53 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE099549.D
Acq: 6 May 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PST-001-B188-042419DL

Tgt Ion:276 Resp: 35370

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.5	29.3
138	11.2	9.6	14.4