Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099451.D
Acq On : 1 May 2019 6:38
Operator : JU/SJ
Sample : K2568-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-026-SW027-042219

Quant Time: May 01 07:50:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2162	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	8487	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6809	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	22803	0.40	ng		0.00
27) Chrysene-d12	21.37	240	27910	0.40	ng		0.00
34) Perylene-d12	23.87	264	31832	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	2237	0.37	ng		0.00
5) Phenol-d6	6.97	99	3456	0.43	ng		0.00
8) Nitrobenzene-d5	8.96	82	2886	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	5250	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	1871	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	7998	0.31	ng		-0.02
25) Fluoranthene-d10	19.22	212	96251	0.31	ng		0.00
29) Terphenyl-d14	19.81	244	20249	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	74	0.025	ng	#	1
3) n-Nitrosodimethylamine	3.62	42	77	0.043	ng	#	1
12) 2-Methylnaphthalene	12.27	142	500	0.031	ng	#	91
16) Acenaphthylene	14.18	152	980	0.029	ng		99
22) Pentachlorophenol	16.84	266	25	0.219	ng	#	71
23) Phenanthrene	17.23	178	12961	0.220	ng		99
24) Anthracene	17.32	178	1139	0.020	ng	#	89
26) Fluoranthene	19.25	202	30290	0.344	ng		99
28) Pyrene	19.61	202	29997	0.412	ng	#	96
30) Benzo(a)anthracene	21.34	228	14966	0.168	ng		93
31) Chrysene	21.34	228	9885	0.114	ng		96
32) Bis(2-ethylhexyl)phthalate	21.27	149	25656	0.133	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	11153	0.108	ng		96
35) Benzo(b)fluoranthene	23.10	252	22204	0.242	ng	#	84
36) Benzo(k)fluoranthene	23.10	252	22204	0.251	ng	#	84
37) Benzo(a)pyrene	23.75	252	14642	0.169	ng	#	82
38) Dibenzo(a,h)anthracene	26.53	278	2824	0.032	ng	#	38
39) Benzo(g,h,i)perylene	27.33	276	11503	0.129	ng	#	92

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

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EXT-026-SW027-042219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
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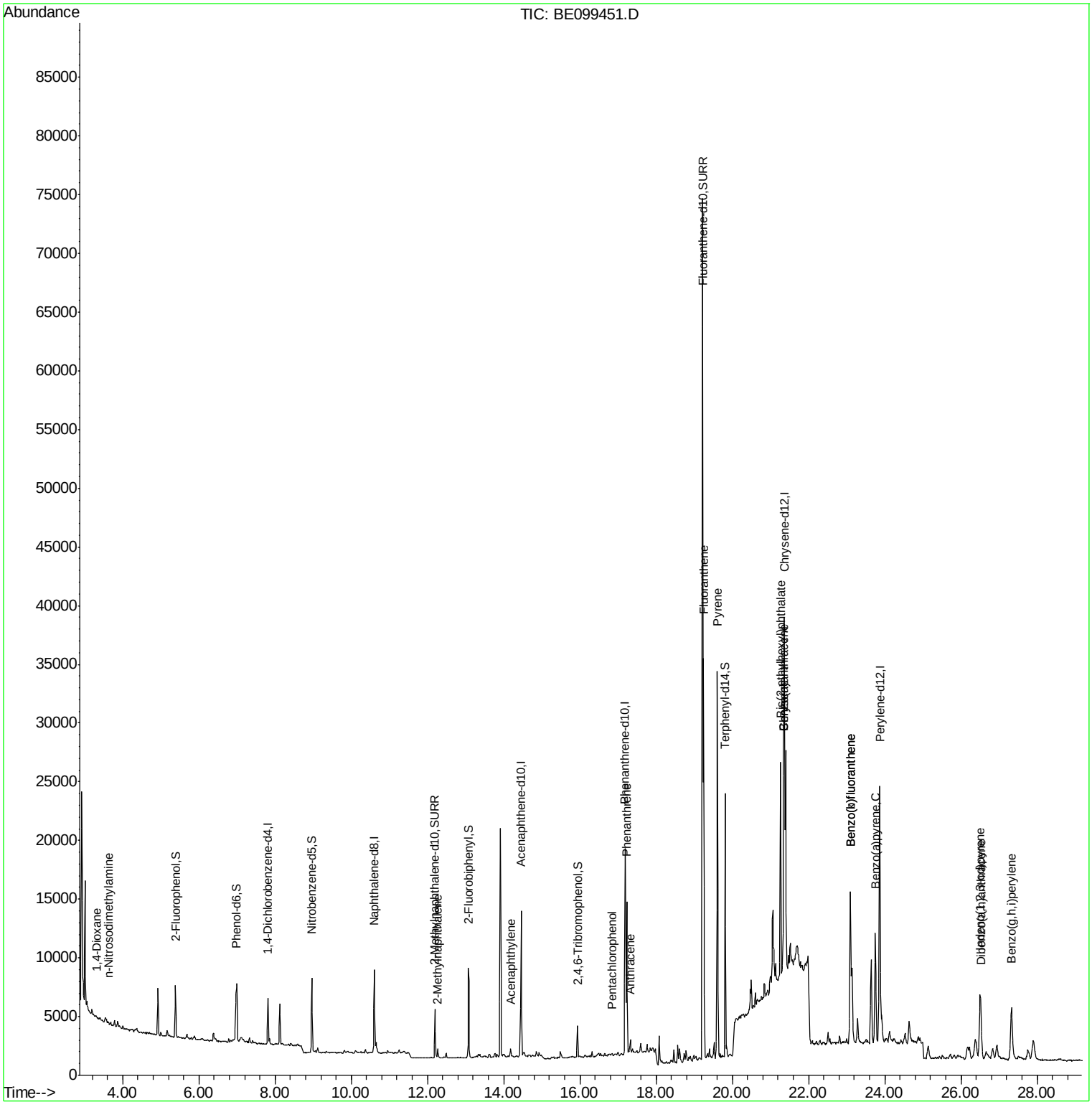
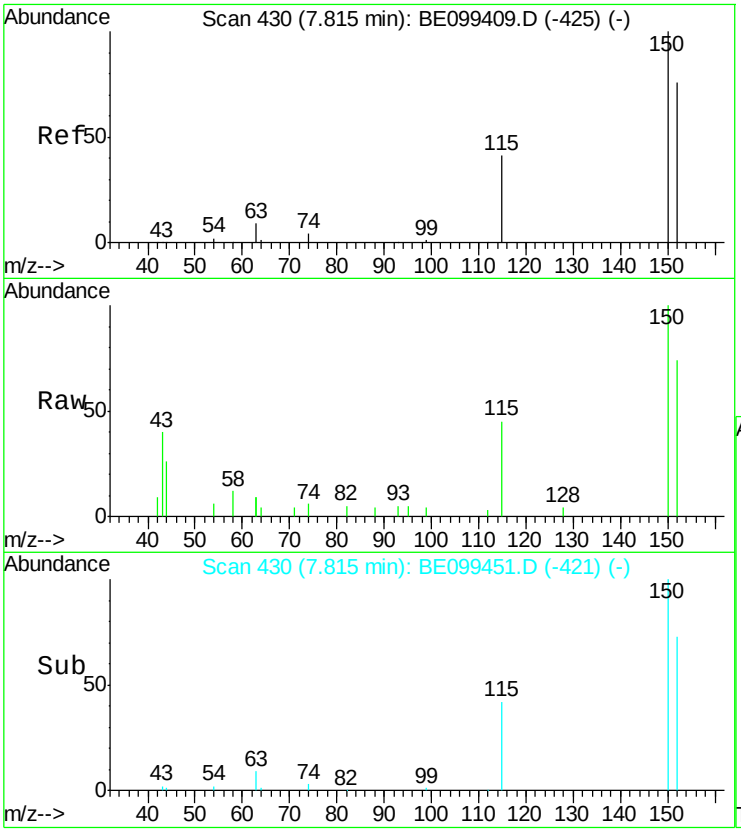


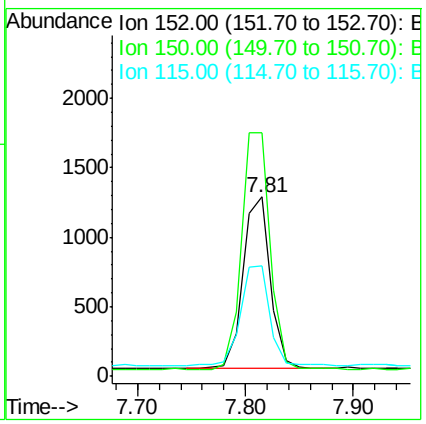


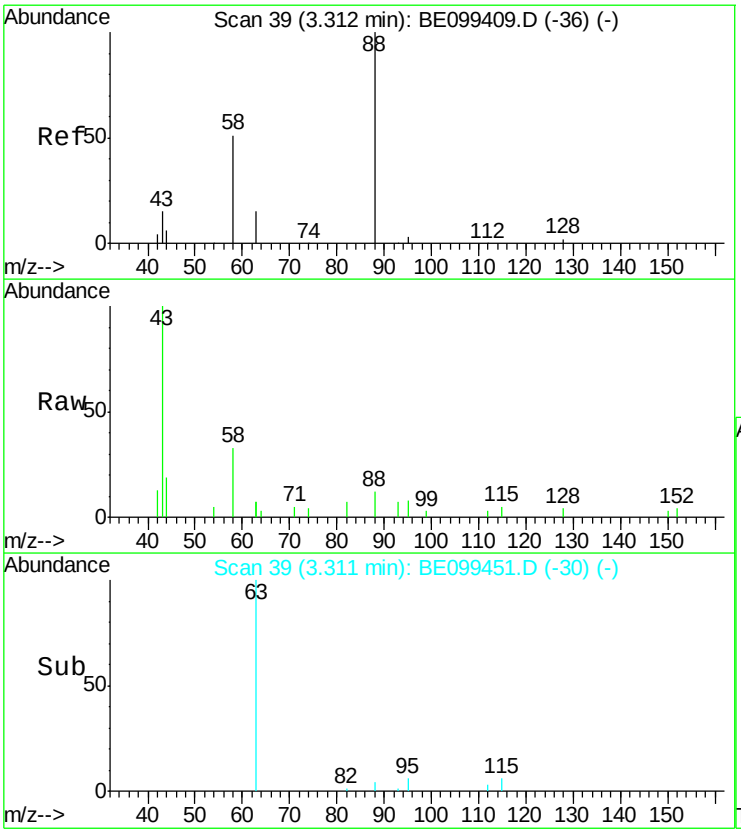
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:152 Resp: 2162

Ion	Ratio	Lower	Upper
152	100		
150	135.6	104.8	157.2
115	61.5	46.6	69.8

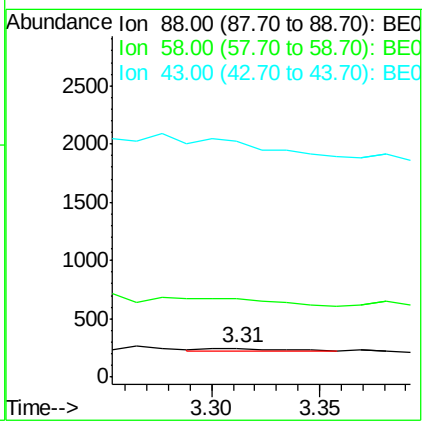


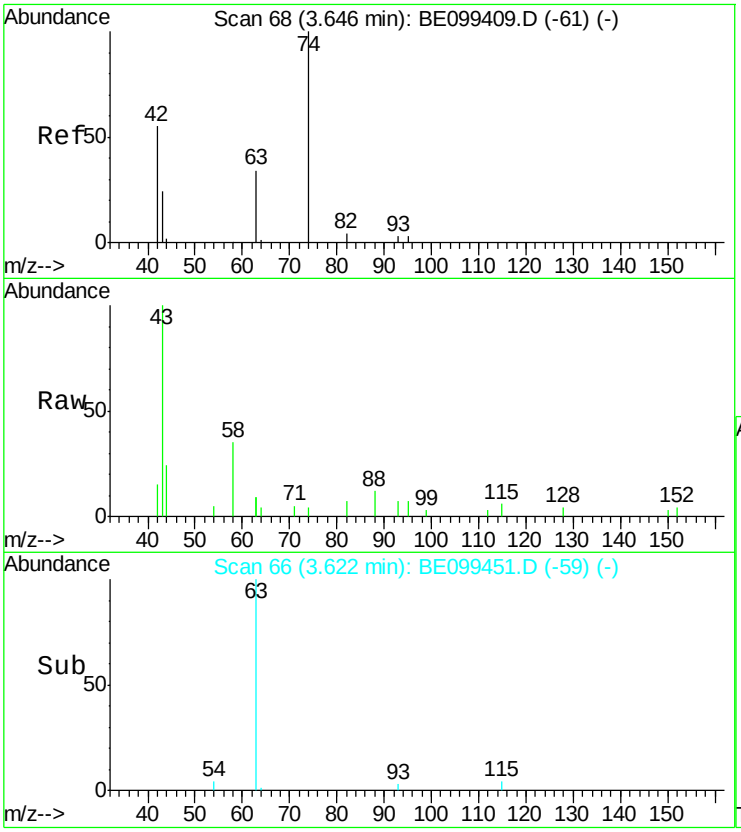


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
58	186.5	51.0	76.6#
43	0.0	20.6	30.8#



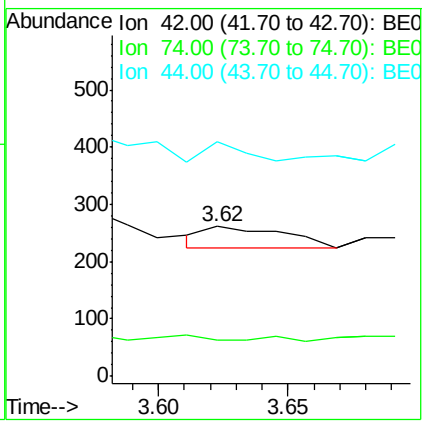


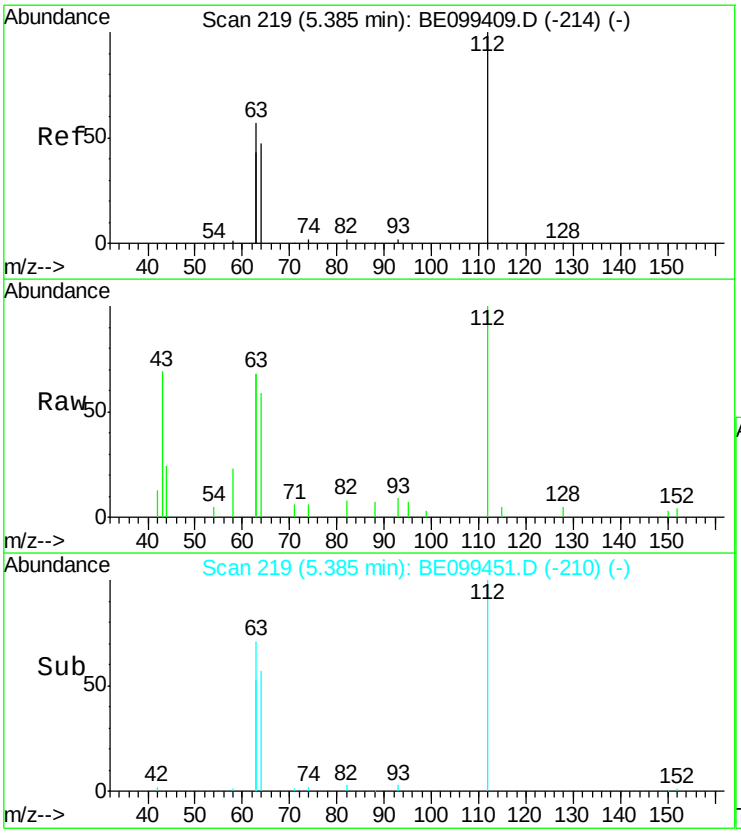
#3
n-Nitrosodimethylamine
Concen: 0.043 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.02 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion: 42 Resp: 77

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

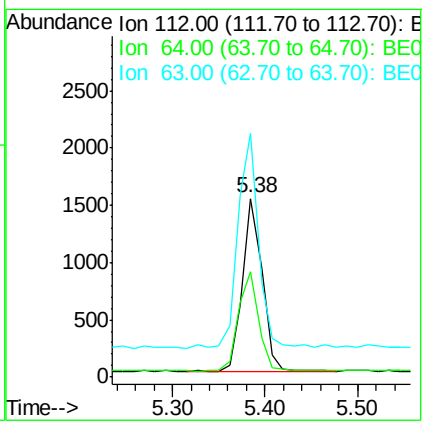


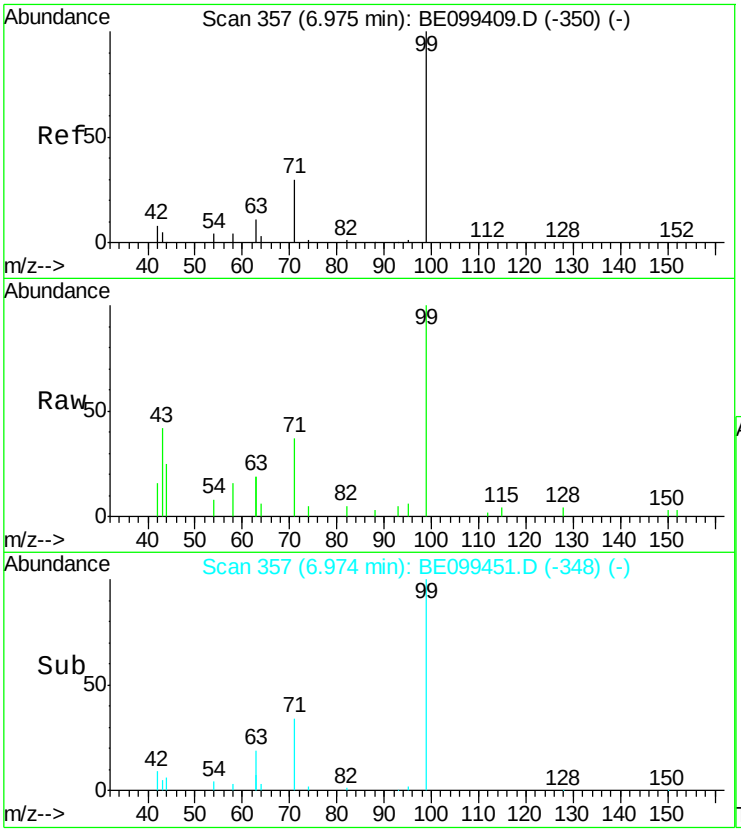


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:112 Resp: 2237

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.4	71.0
63	130.8	104.3	156.5



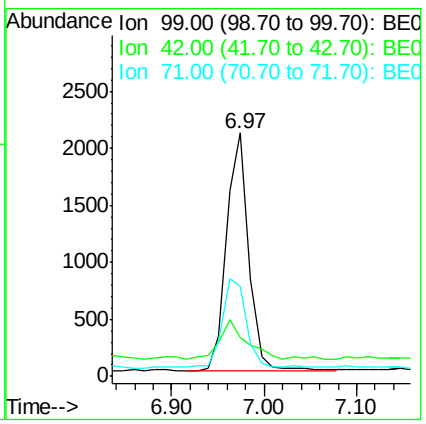


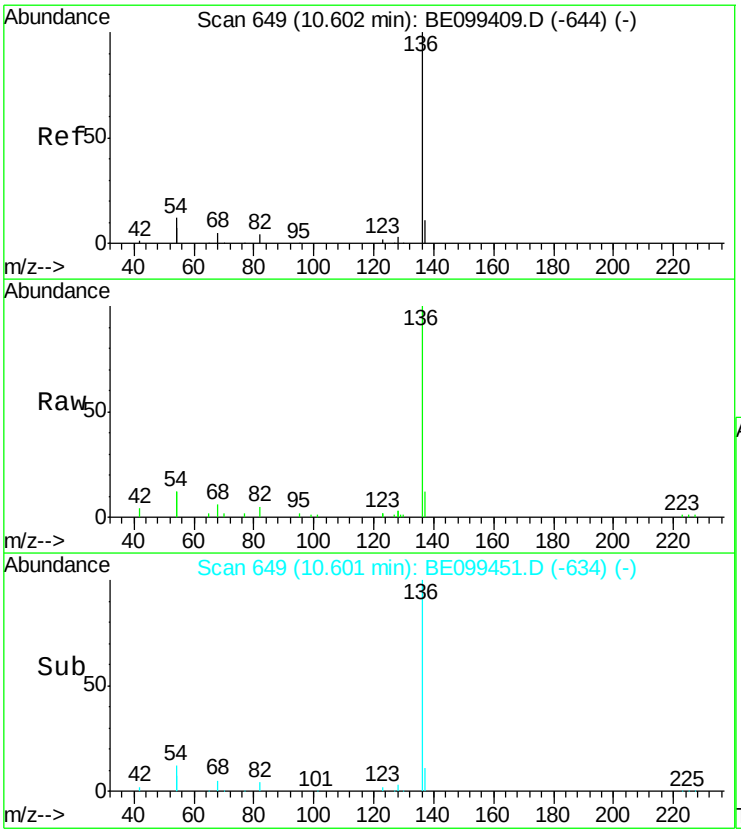
#5
Phenol-d6
Concen: 0.435 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion: 99 Resp: 3456

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.9	22.3
71	39.2	33.0	49.6

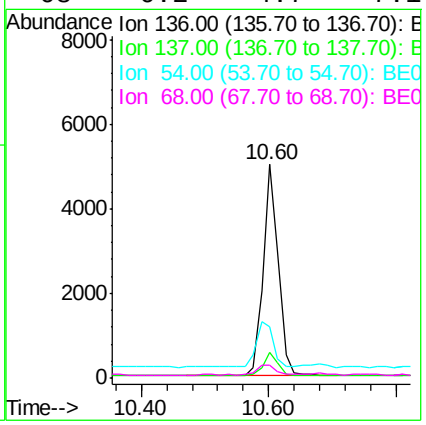


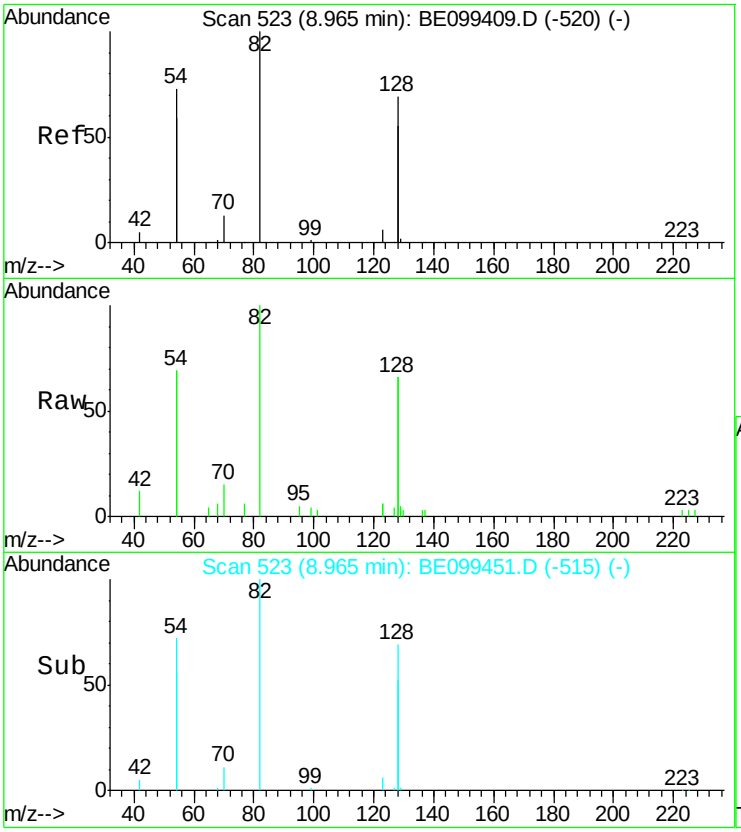


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:136 Resp: 8487

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	24.2	18.5	27.7
68	6.2	4.7	7.1



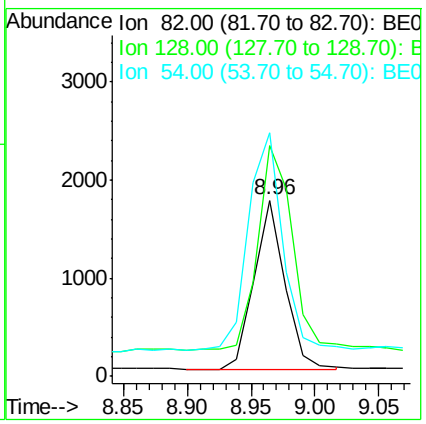


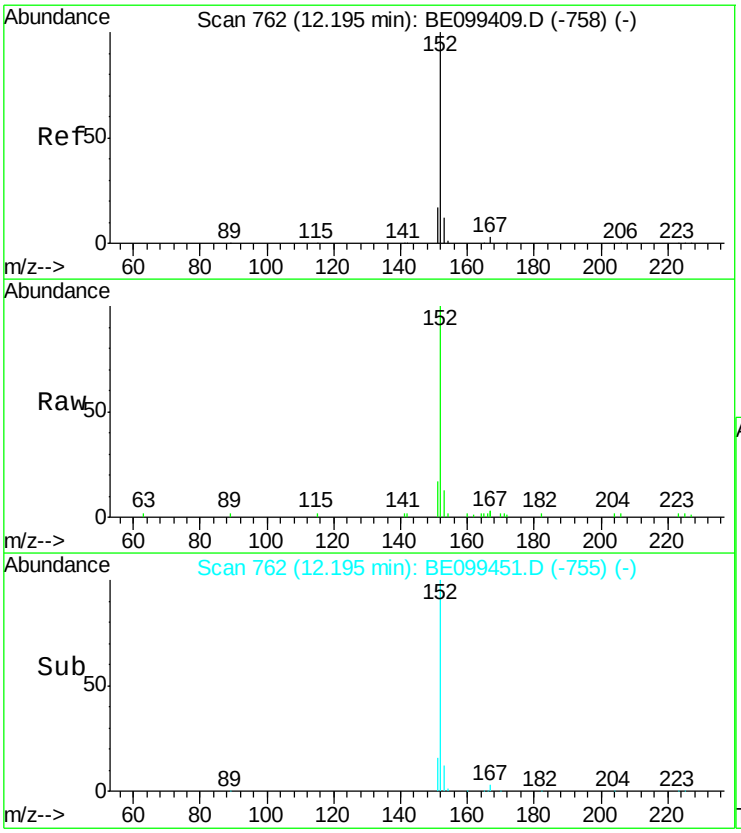
#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion: 82 Resp: 2886

Ion	Ratio	Lower	Upper
82	100		
128	131.2	107.0	160.4
54	138.1	113.1	169.7

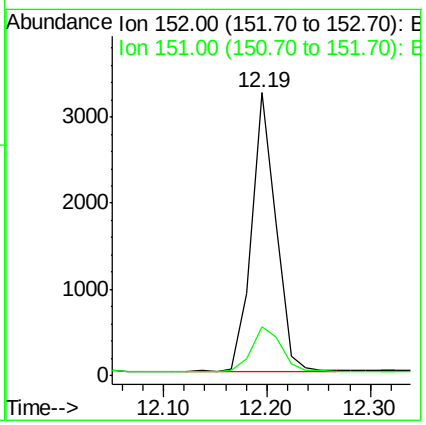


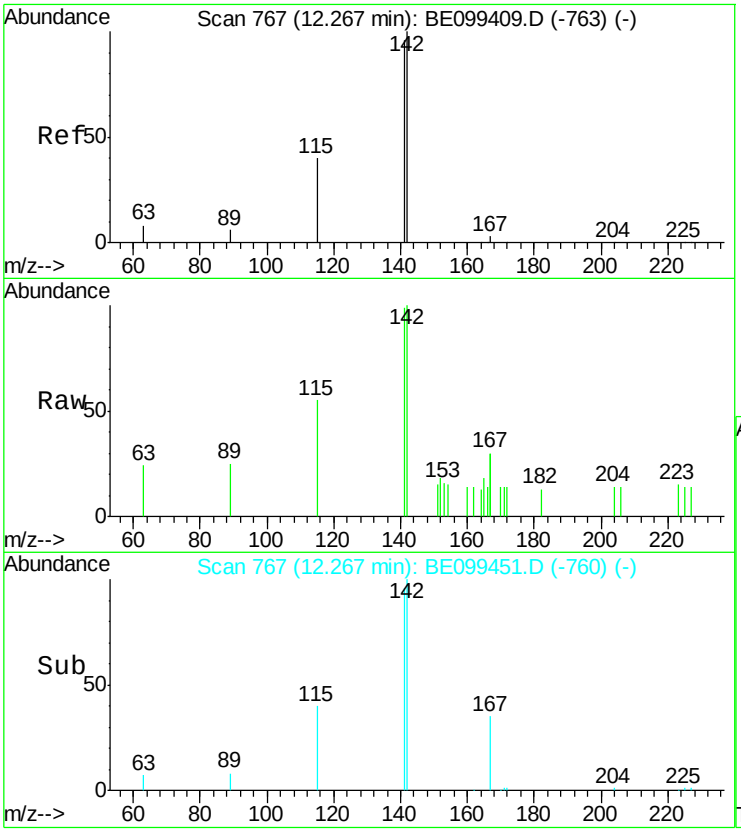


#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:152 Resp: 5250

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3



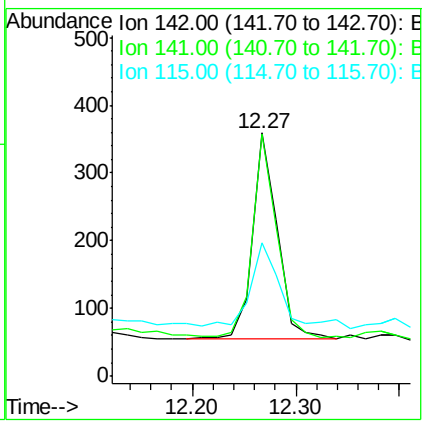


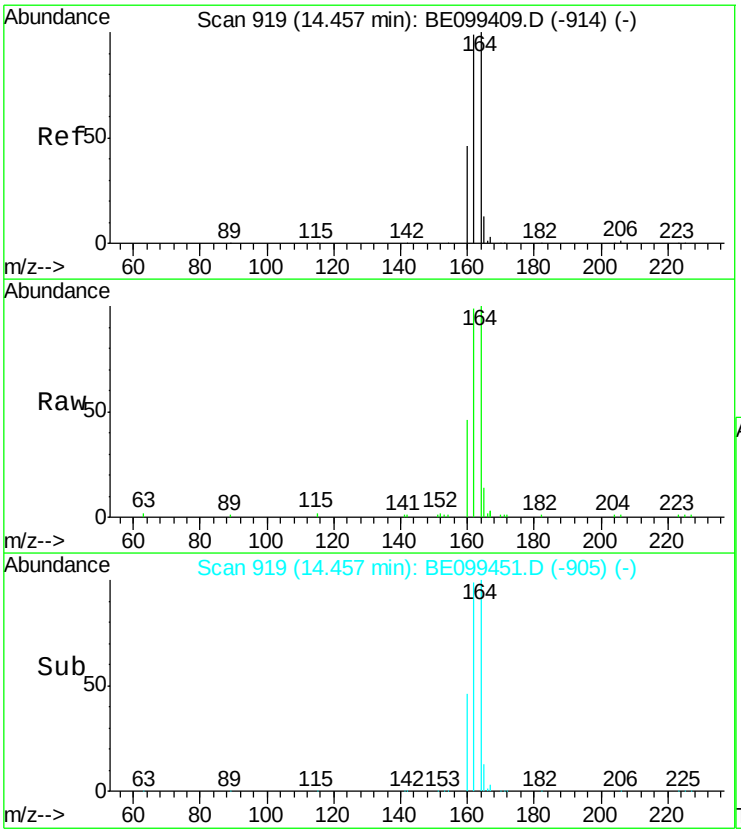
#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:142 Resp: 500

Ion	Ratio	Lower	Upper
142	100		
141	99.4	77.0	115.4
115	54.9	33.4	50.0#

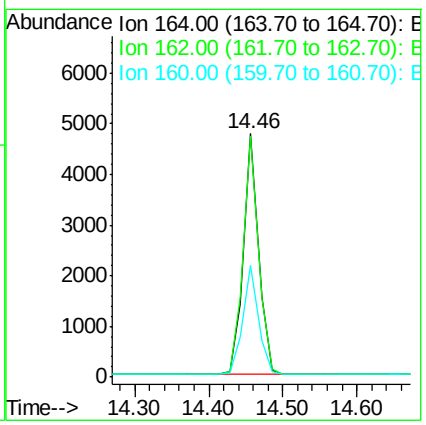


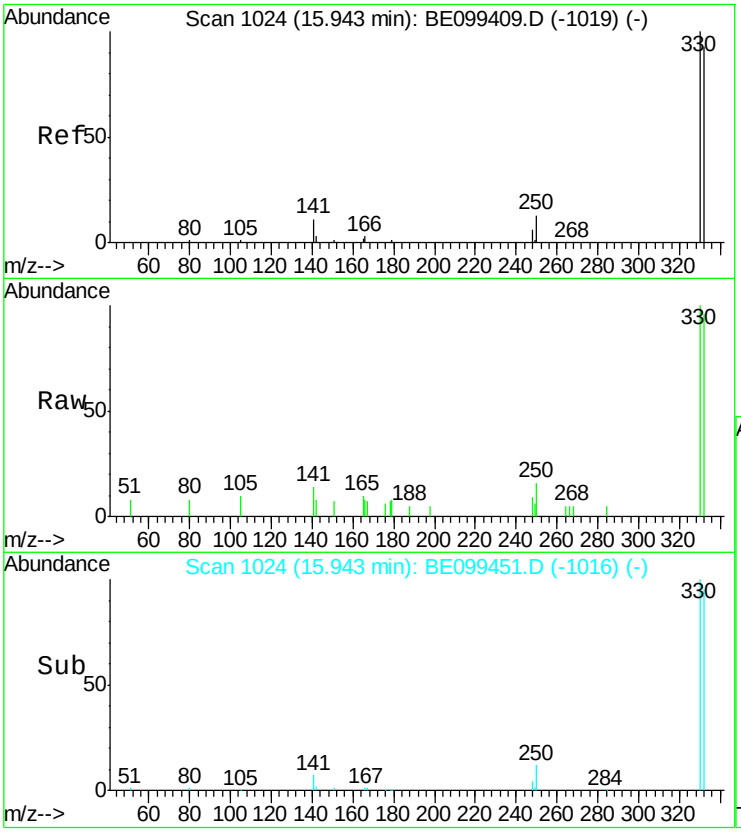


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:164 Resp: 6809

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.0	118.4
160	46.2	37.0	55.4



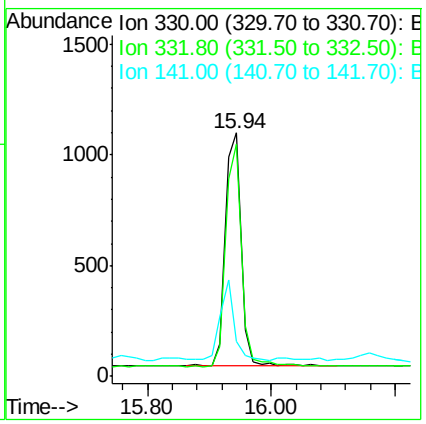


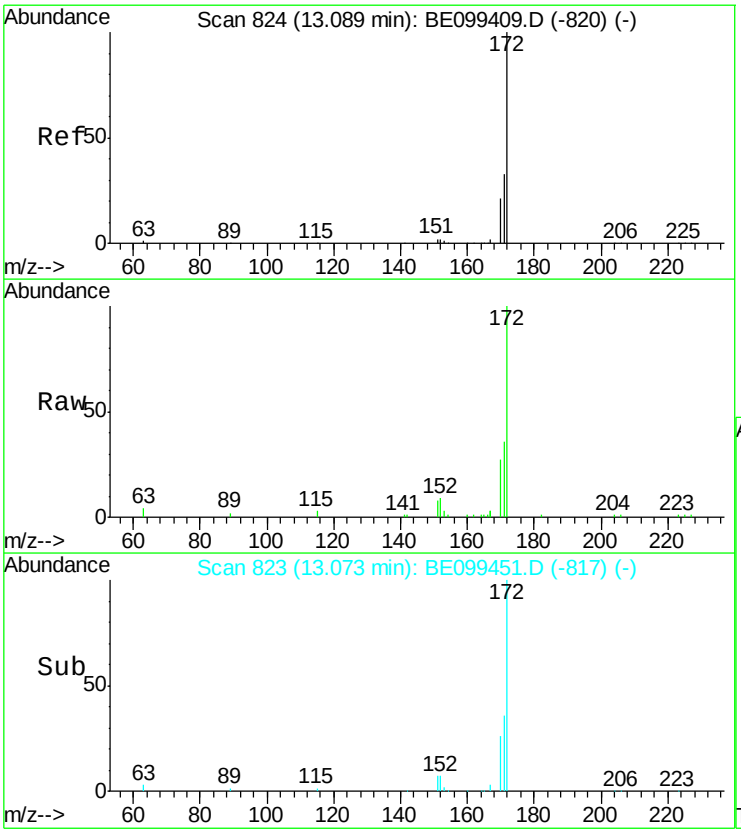
#14
2,4,6-Tribromophenol
Concen: 0.436 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:330 Resp: 1871

Ion	Ratio	Lower	Upper
330	100		
332	95.9	71.5	107.3
141	30.5	24.0	36.0

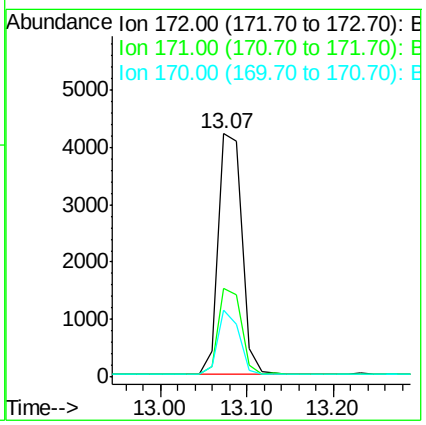


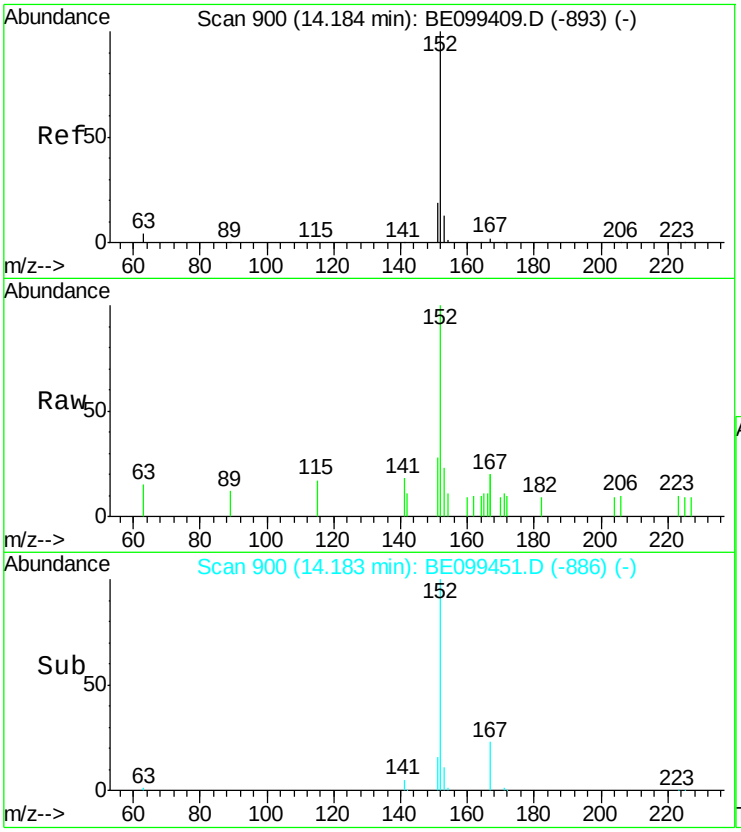


#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:172 Resp: 7998

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.6	39.8
170	27.2	17.0	25.6#



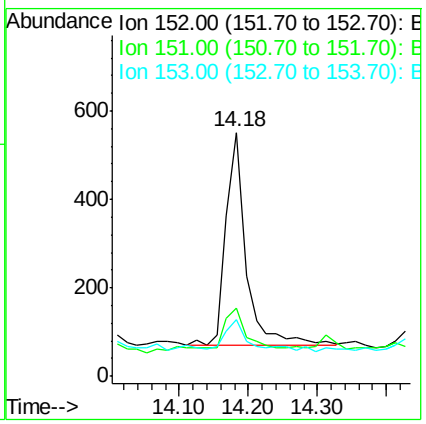


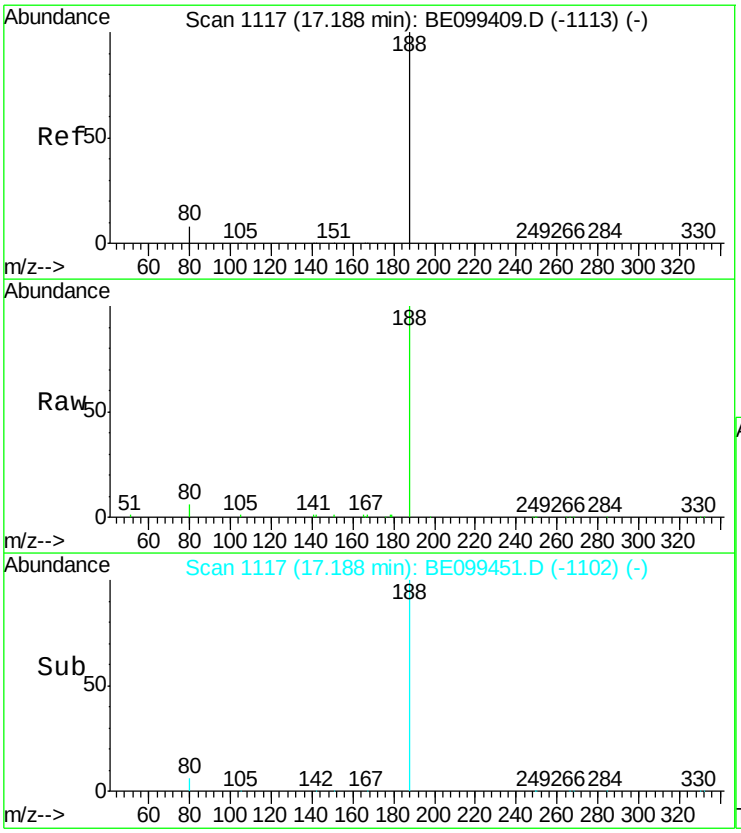
#16
Acenaphthylene
Concen: 0.029 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:152 Resp: 980

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	12.4	9.8	14.6

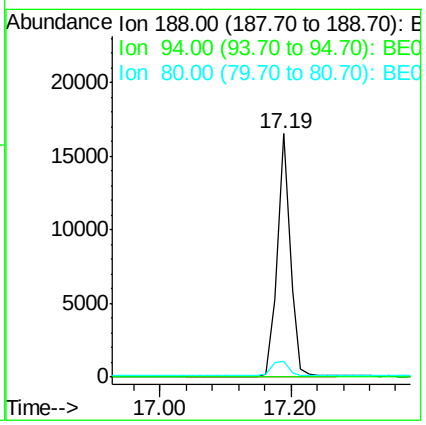


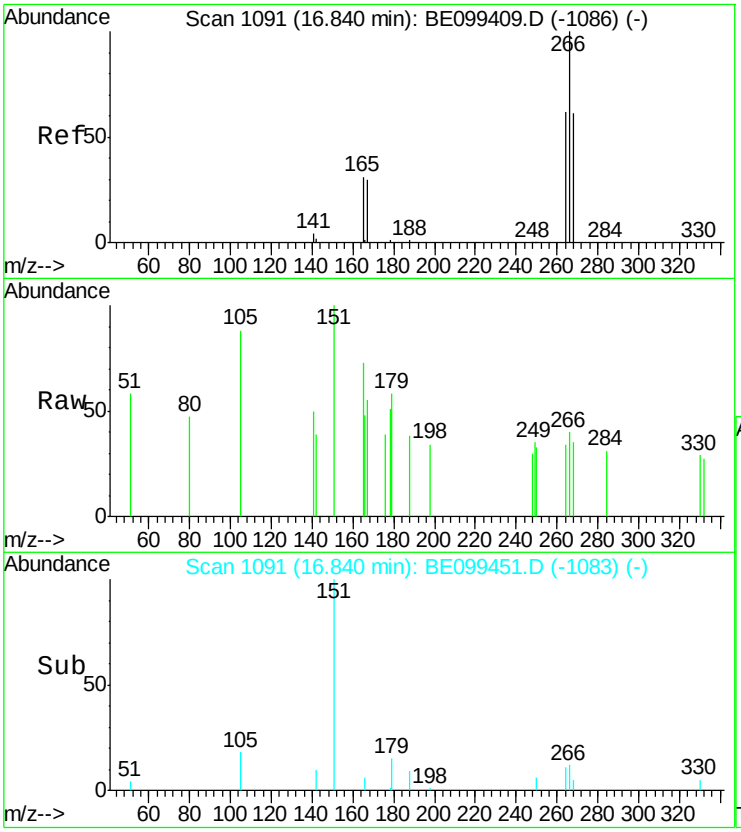


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:188 Resp: 22803

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.7	10.1#



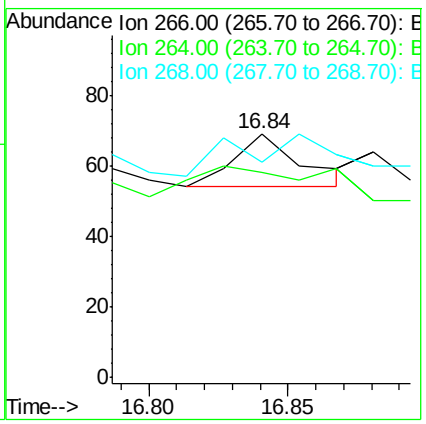


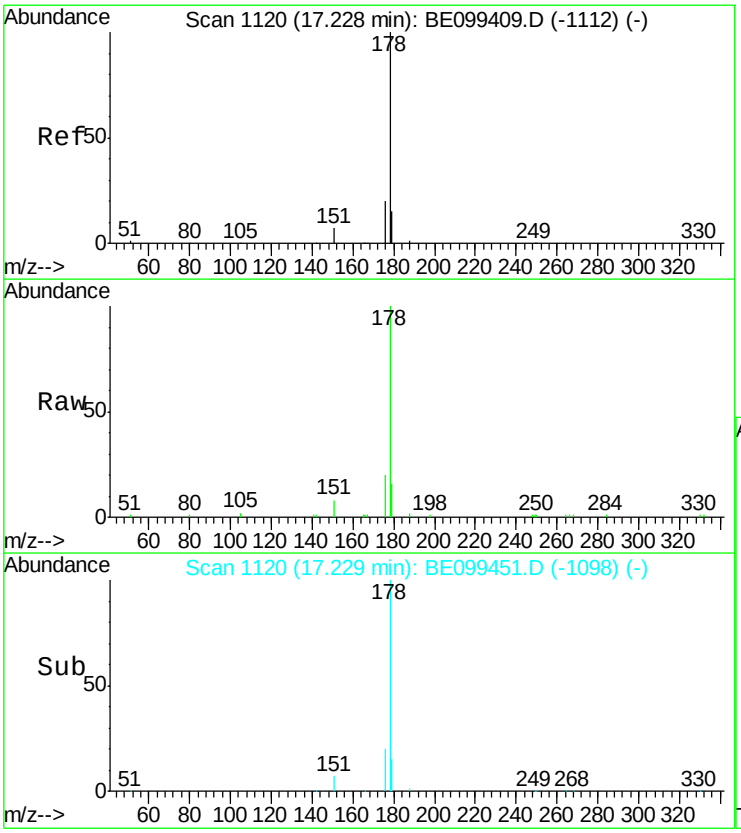
#22
Pentachlorophenol
Concen: 0.219 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	84.1	50.8	76.2#
268	88.4	50.5	75.7#

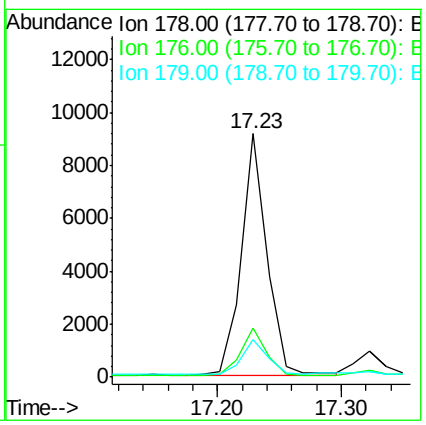


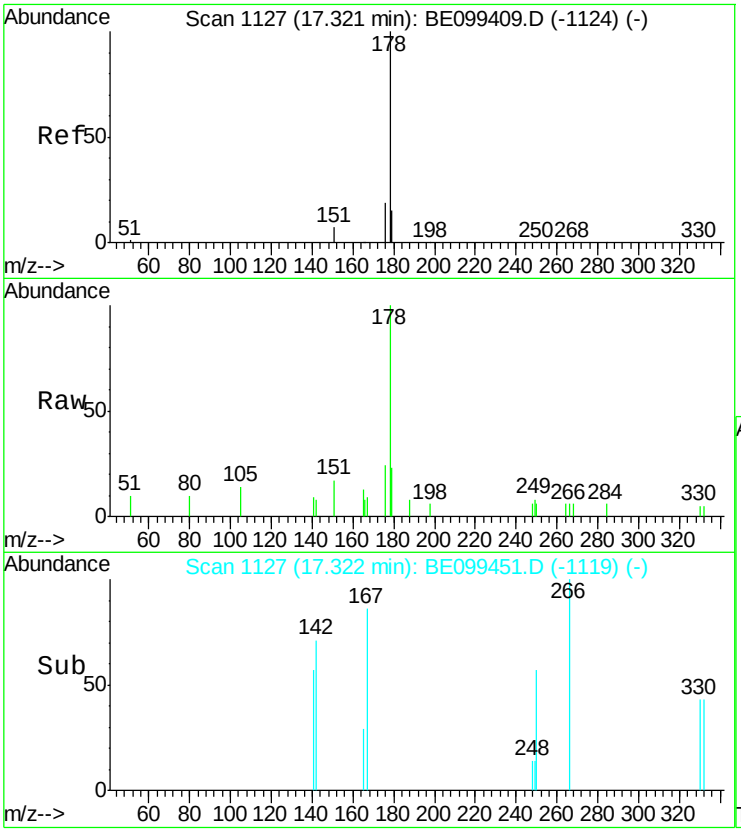


#23
Phenanthrene
Concen: 0.220 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:178 Resp: 12961

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.3	12.0	18.0



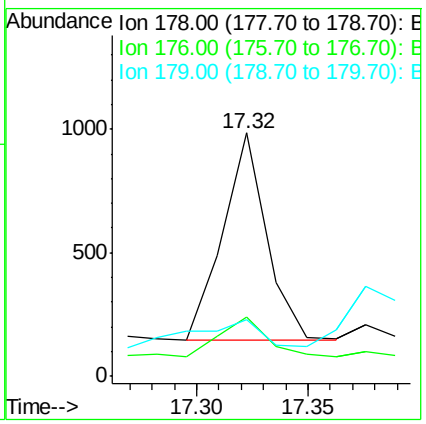


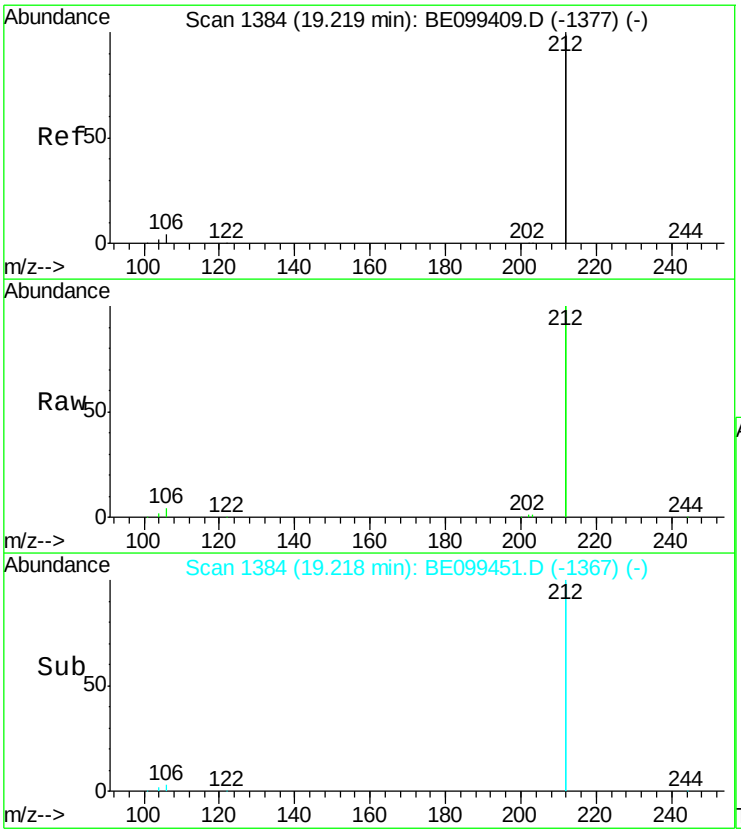
#24
Anthracene
Concen: 0.020 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:178 Resp: 1139

Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.9	22.3
179	21.7	11.9	17.9#

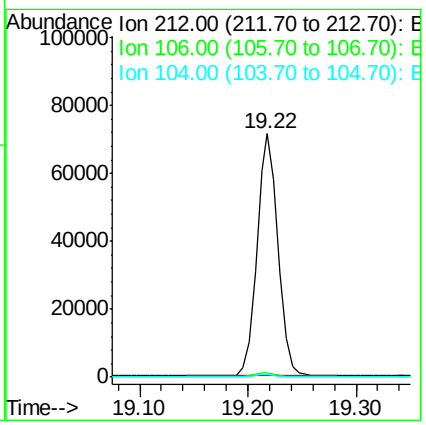


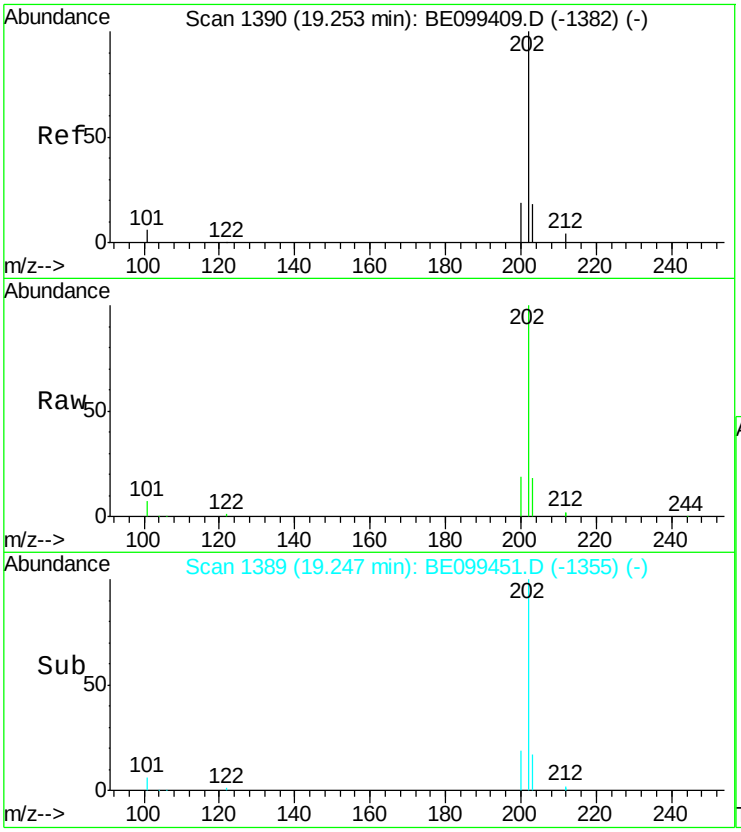


#25
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:212 Resp: 96251

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3



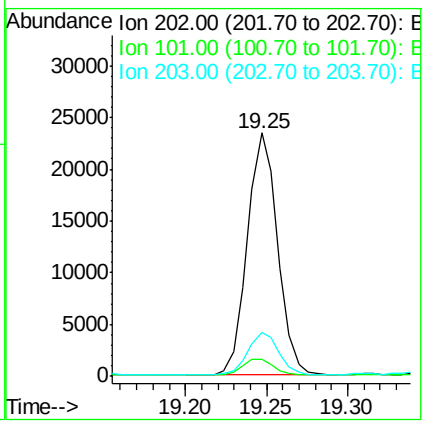


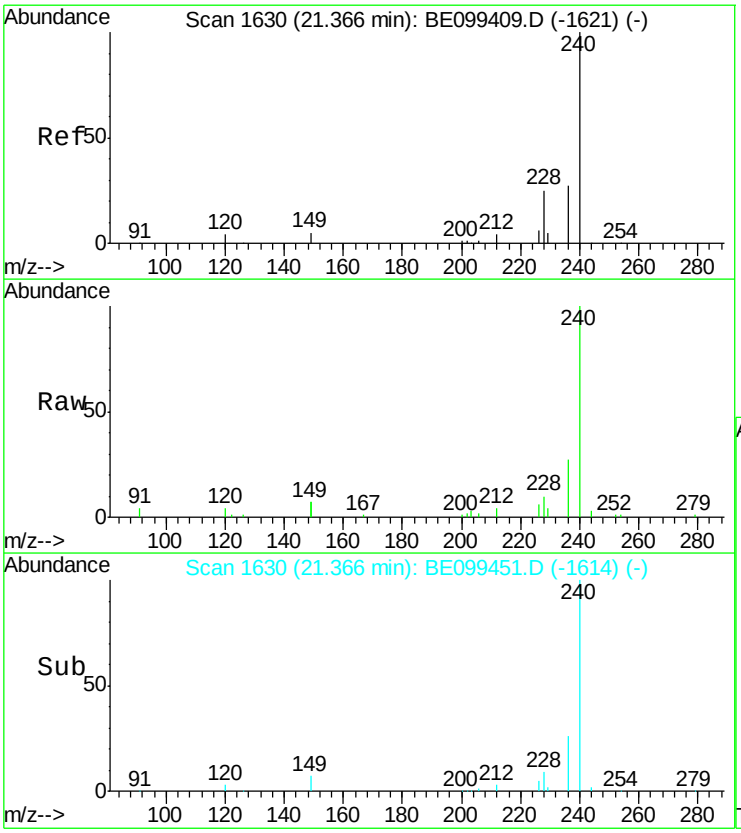
#26
Fluoranthene
Concen: 0.344 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:202 Resp: 30290

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.4	8.0
203	17.7	13.9	20.9

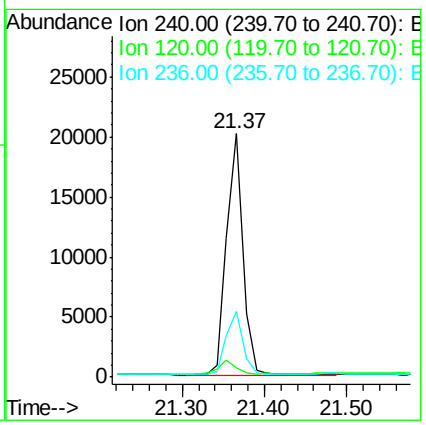


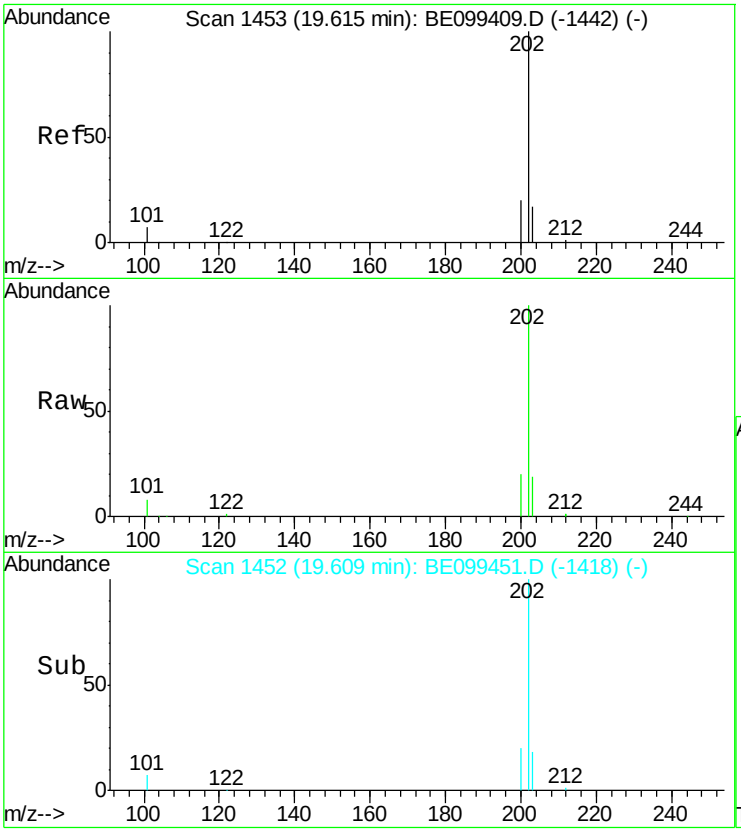


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:240 Resp: 27910

Ion	Ratio	Lower	Upper
240	100		
120	3.9	4.0	6.0#
236	27.0	22.0	33.0



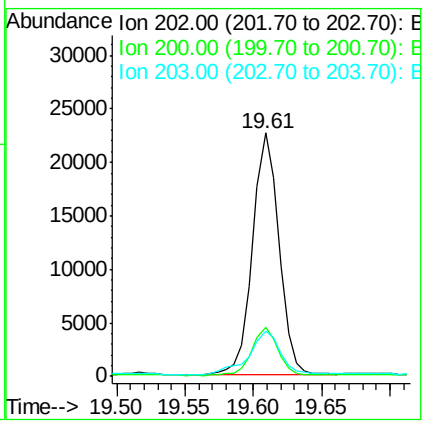


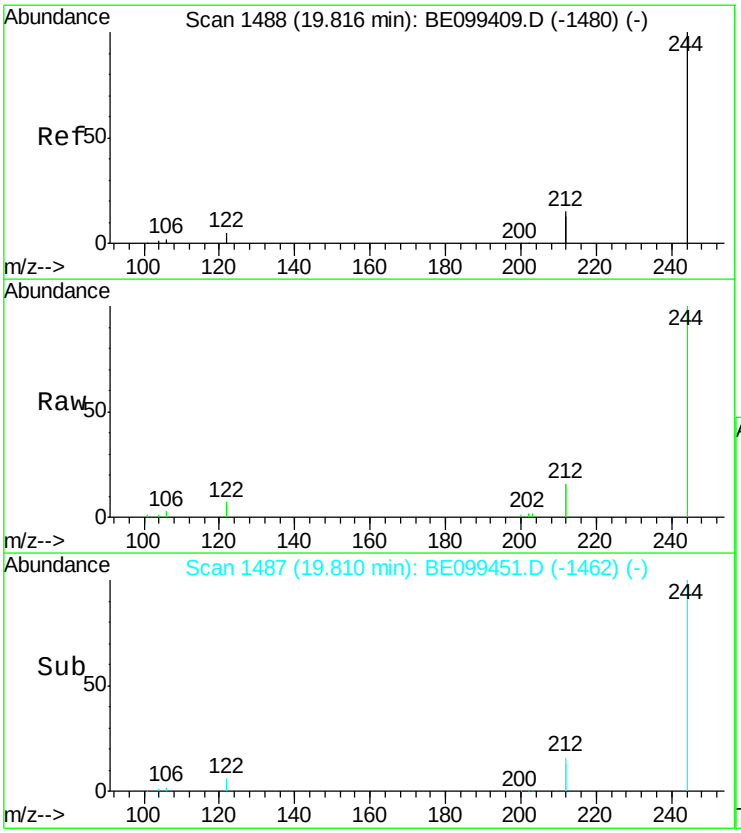
#28
Pyrene
Concen: 0.412 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:202 Resp: 29997

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	21.2	13.9	20.9#

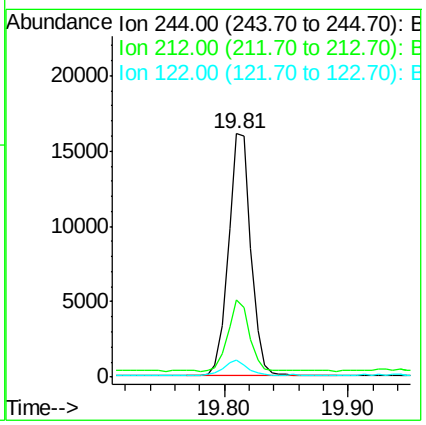


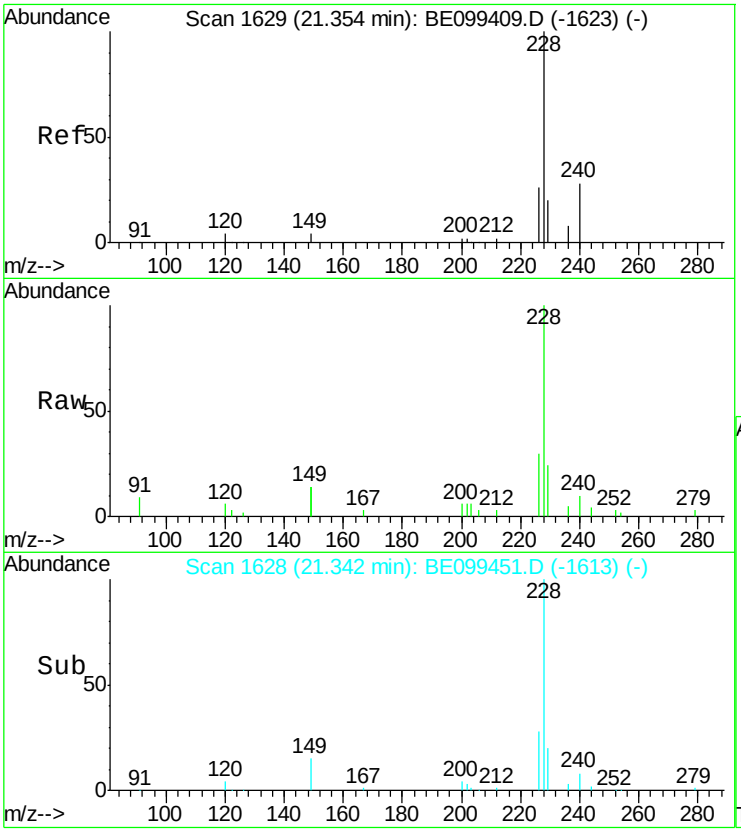


#29
Terphenyl-d14
Concen: 0.396 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:244 Resp: 20249

Ion	Ratio	Lower	Upper
244	100		
212	31.6	23.2	34.8
122	7.2	4.2	6.4#



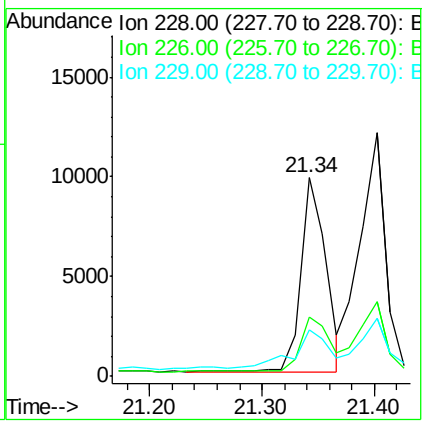


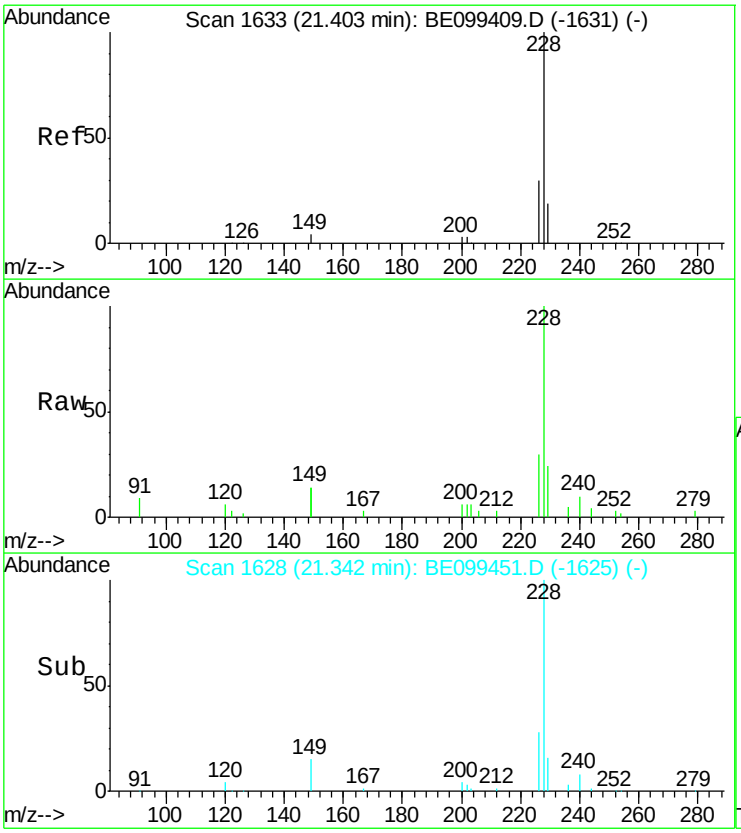
#30
Benzo(a)anthracene
Concen: 0.168 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:228 Resp: 14966

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.6
229	23.7	16.6	25.0

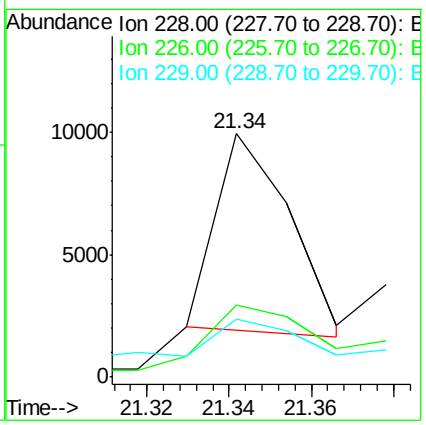


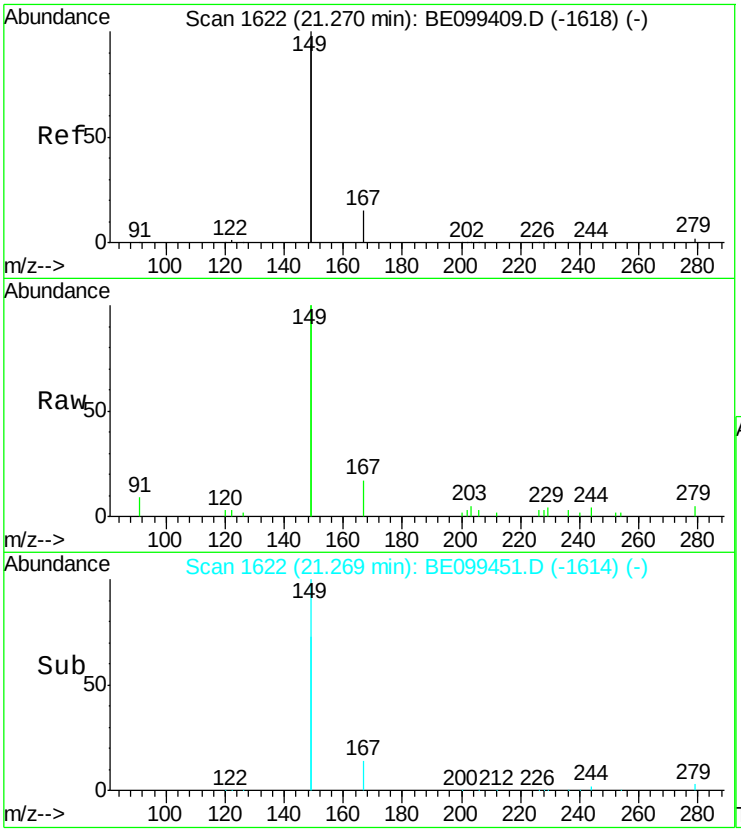


#31
Chrysene
Concen: 0.114 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.06 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:228 Resp: 9885

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	23.7	15.8	23.8



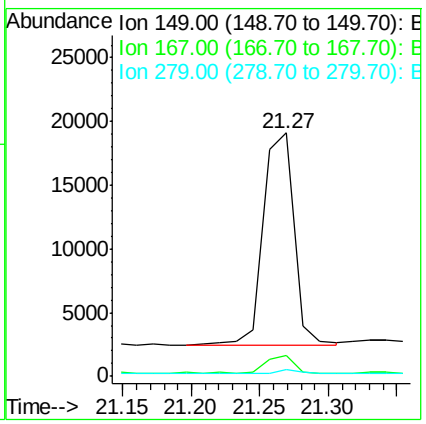


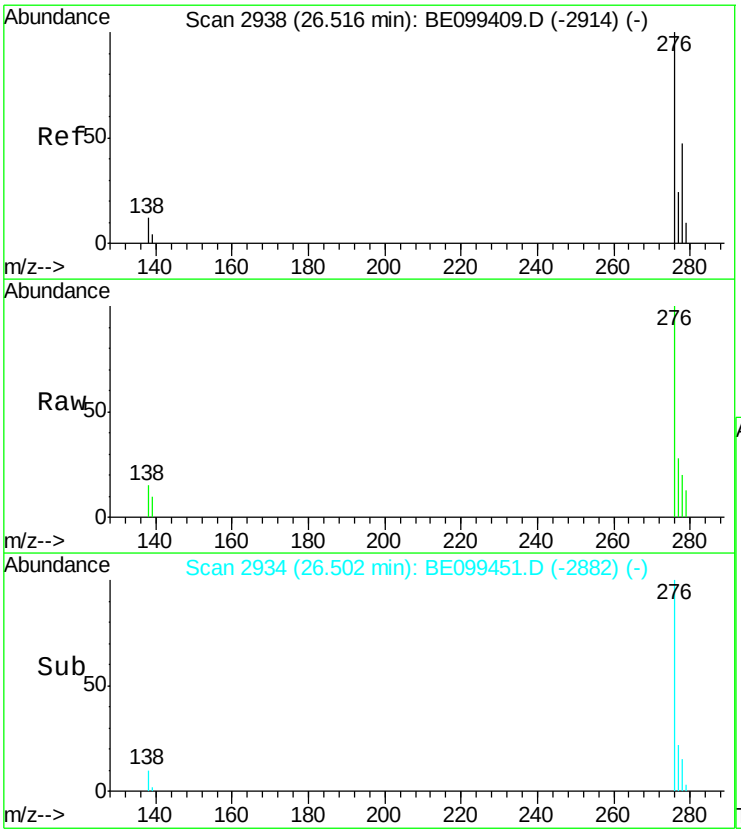
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.133 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:149 Resp: 25656

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.7	1.0	1.6#

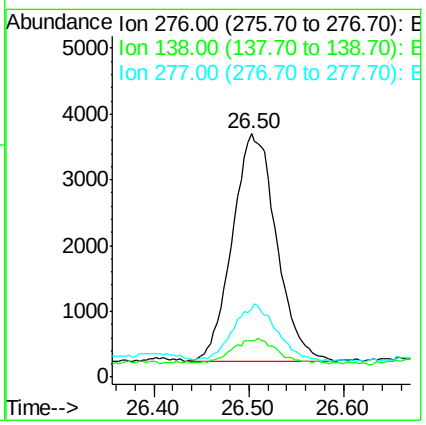


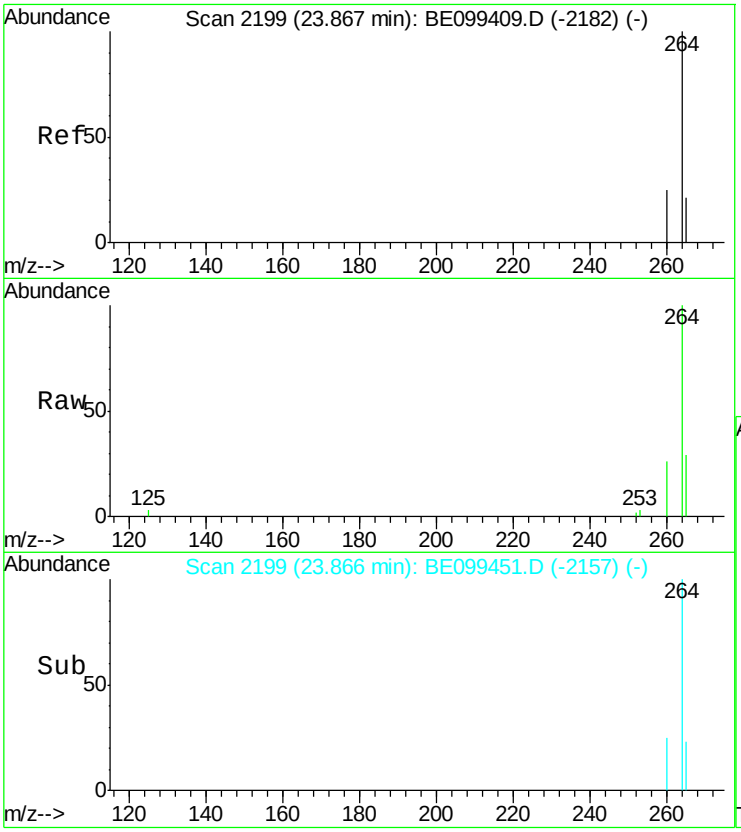


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:276 Resp: 11153

Ion	Ratio	Lower	Upper
276	100		
138	10.5	10.2	15.2
277	25.6	19.2	28.8



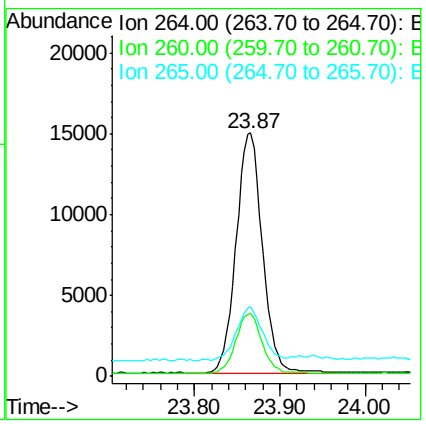


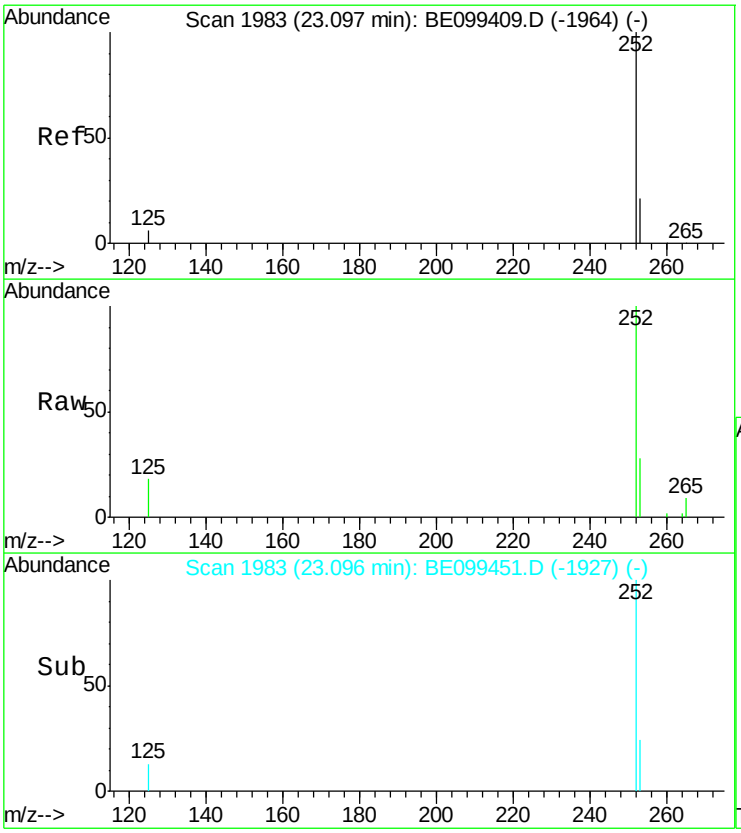
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:264 Resp: 31832

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	28.5	21.3	31.9

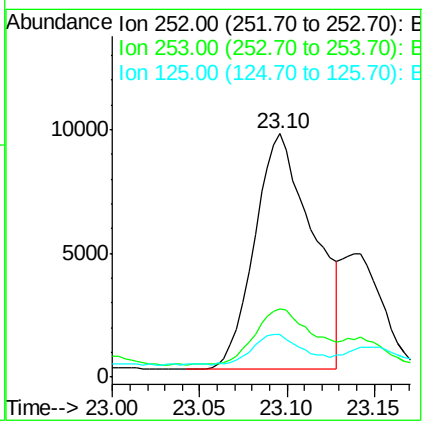


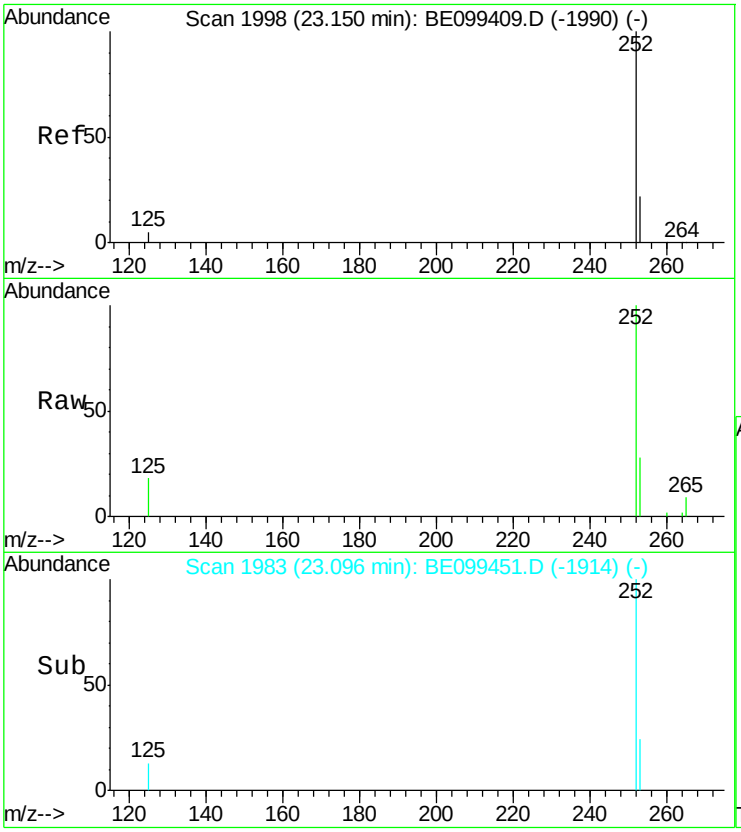


#35
Benzo(b)fluoranthene
Concen: 0.242 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:252 Resp: 22204

Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.1	27.1#
125	17.6	5.6	8.4#



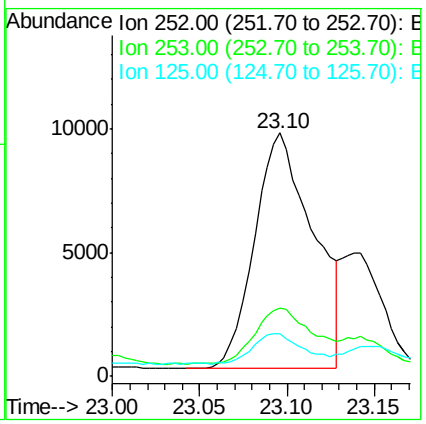


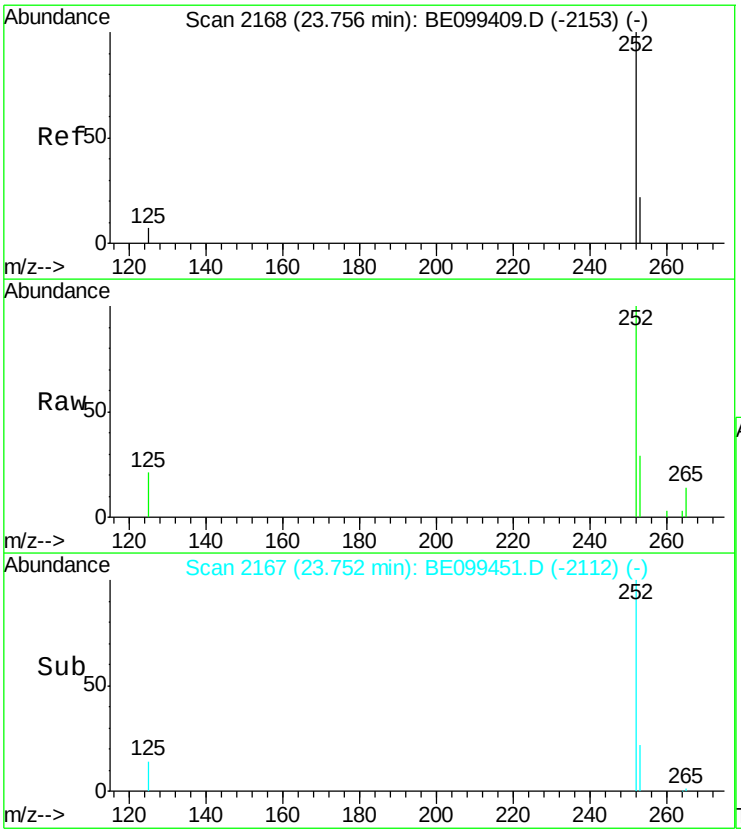
#36
Benzo(k)fluoranthene
Concen: 0.251 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:252 Resp: 22204

Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.4	27.6#
125	17.6	5.0	7.4#

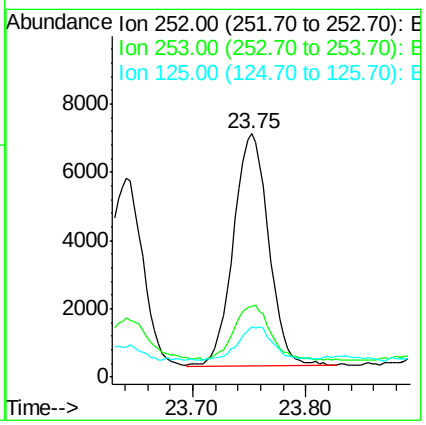


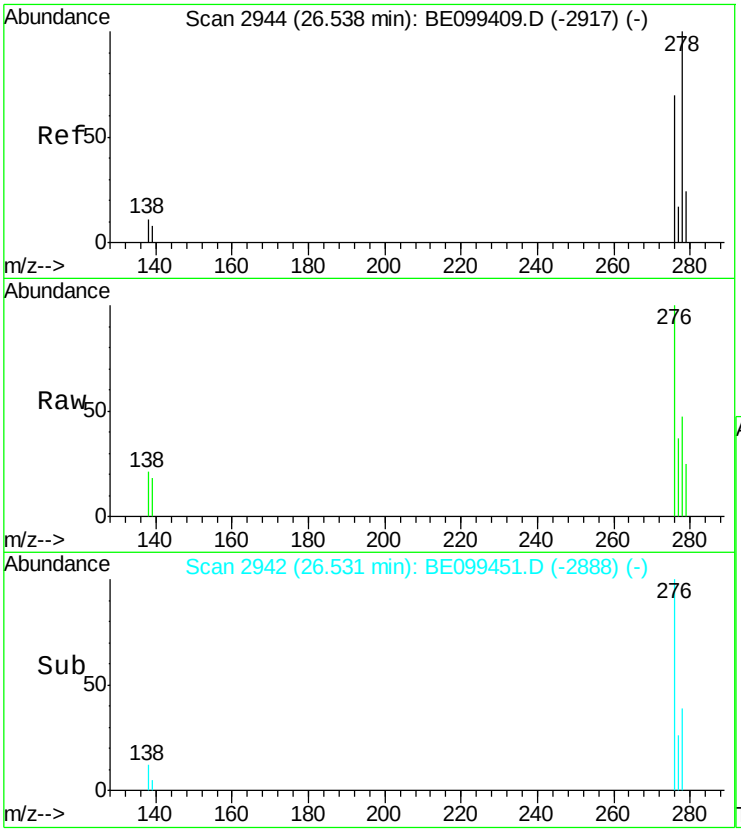


#37
Benzo(a)pyrene
Concen: 0.169 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:252 Resp: 14642

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.9	28.3#
125	20.6	6.7	10.1#



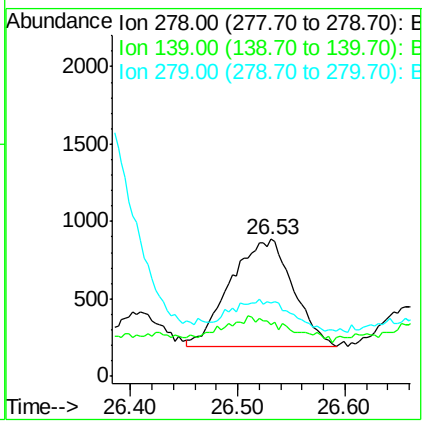


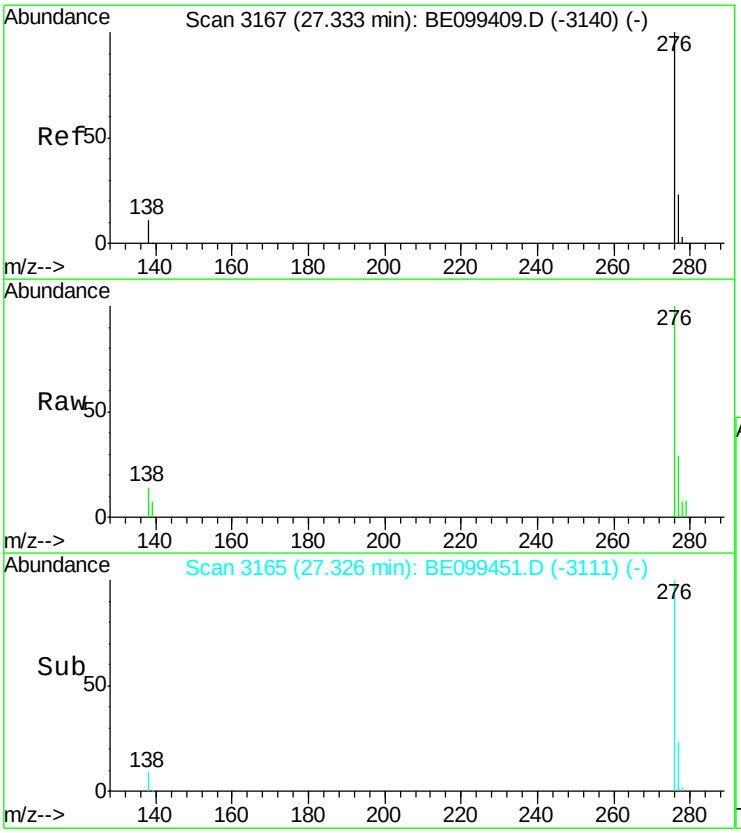
#38
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion:278 Resp: 2824

Ion	Ratio	Lower	Upper
278	100		
139	37.7	7.7	11.5#
279	53.8	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.129 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:276 Resp: 11503

Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.5	29.3
138	14.5	9.6	14.4#