Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099449.D
Acq On : 1 May 2019 5:26
Operator : JU/SJ
Sample : K2568-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-026-SW025-042219

Quant Time: May 01 06:56:40 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	7.80	152	2508	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9637	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7773	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	25200	0.40	ng		0.00
27) Chrysene-d12	21.37	240	31765	0.40	ng		0.00
34) Perylene-d12	23.87	264	36607	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2911	0.42	ng		0.00
5) Phenol-d6	6.98	99	4289	0.47	ng		0.00
8) Nitrobenzene-d5	8.96	82	3563	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	6785	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2252	0.46	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	9957	0.34	ng		-0.02
25) Fluoranthene-d10	19.22	212	118363	0.35	ng		0.00
29) Terphenyl-d14	19.81	244	24532	0.42	ng		0.00
Target Compounds							Qvalue
16) Acenaphthylene	14.18	152	1184	0.031	ng	#	84
22) Pentachlorophenol	16.84	266	63	0.223	ng	#	57
23) Phenanthrene	17.23	178	6776	0.104	ng		97
26) Fluoranthene	19.25	202	20557	0.211	ng		99
28) Pyrene	19.61	202	22071	0.267	ng		96
30) Benzo(a)anthracene	21.34	228	11276	0.111	ng	#	89
31) Chrysene	21.40	228	14980	0.151	ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.27	149	30507	0.142	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	9976	0.085	ng		97
35) Benzo(b)fluoranthene	23.09	252	18635	0.177	ng	#	72
36) Benzo(k)fluoranthene	23.09	252	18635	0.183	ng	#	73
37) Benzo(a)pyrene	23.75	252	12105	0.121	ng	#	72
38) Dibenzo(a,h)anthracene	26.52	278	2485	0.024	ng	#	24
39) Benzo(g,h,i)perylene	27.33	276	10300	0.101	ng	#	87

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

Quantitation Report (Not Reviewed)

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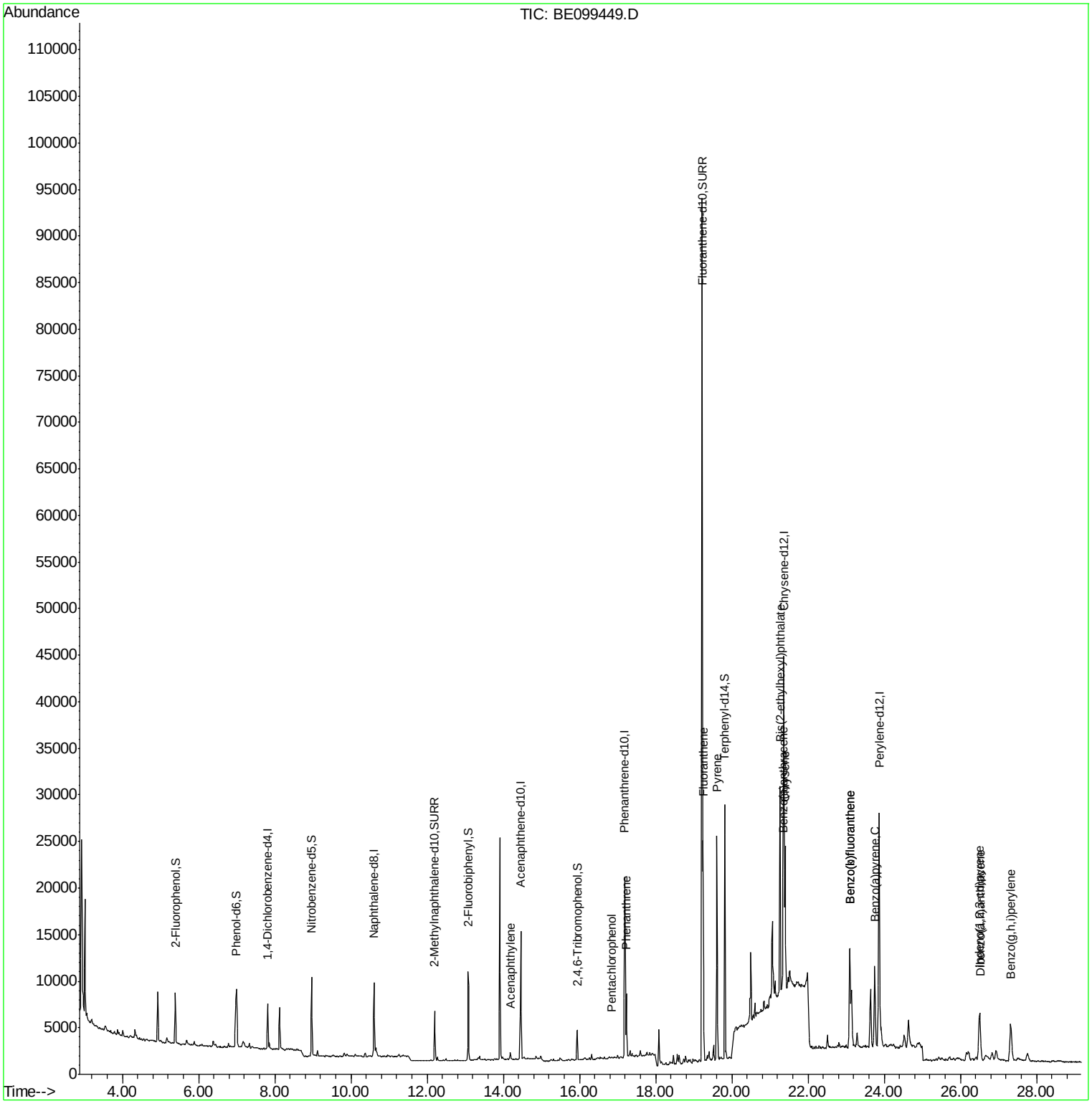
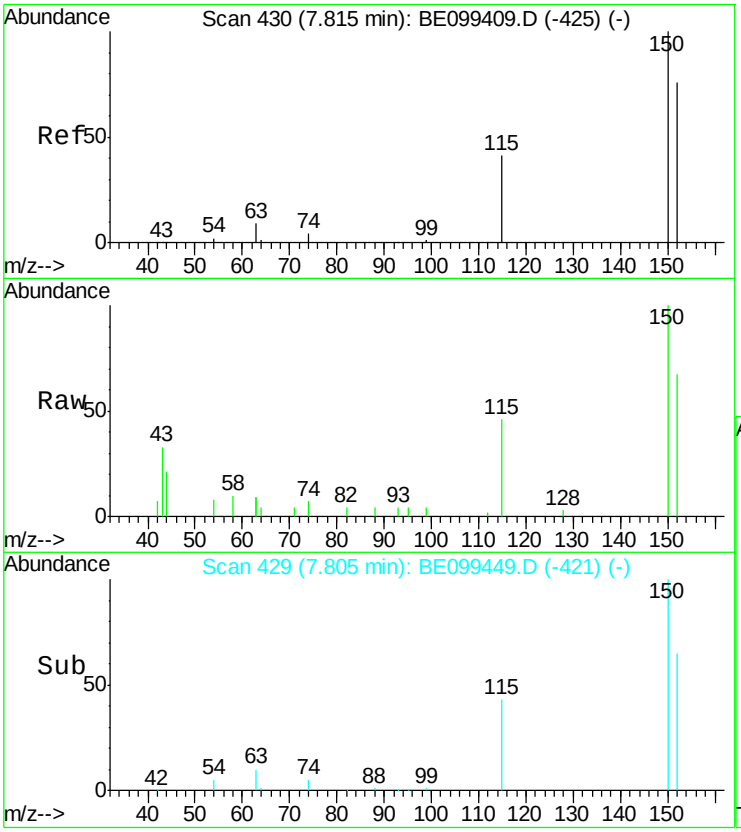
Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Quant Time: May 01 06:56:40 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



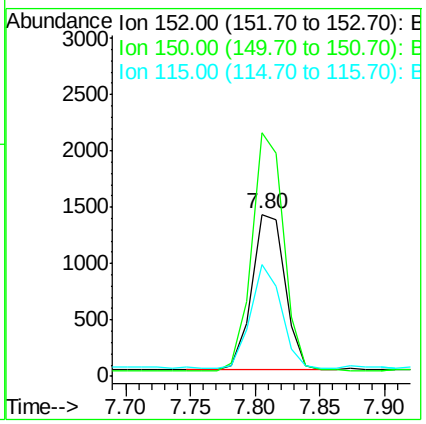


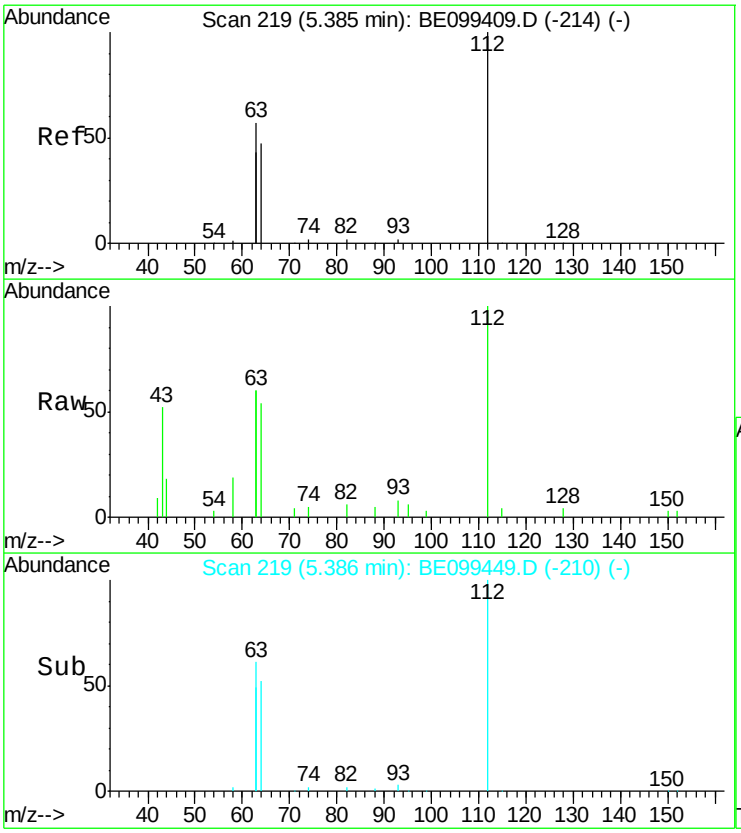
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:152 Resp: 2508

Ion	Ratio	Lower	Upper
152	100		
150	150.2	104.8	157.2
115	68.9	46.6	69.8

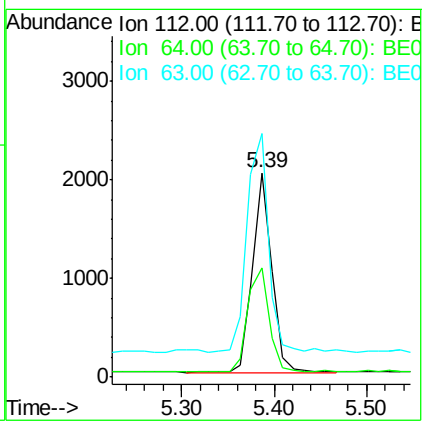


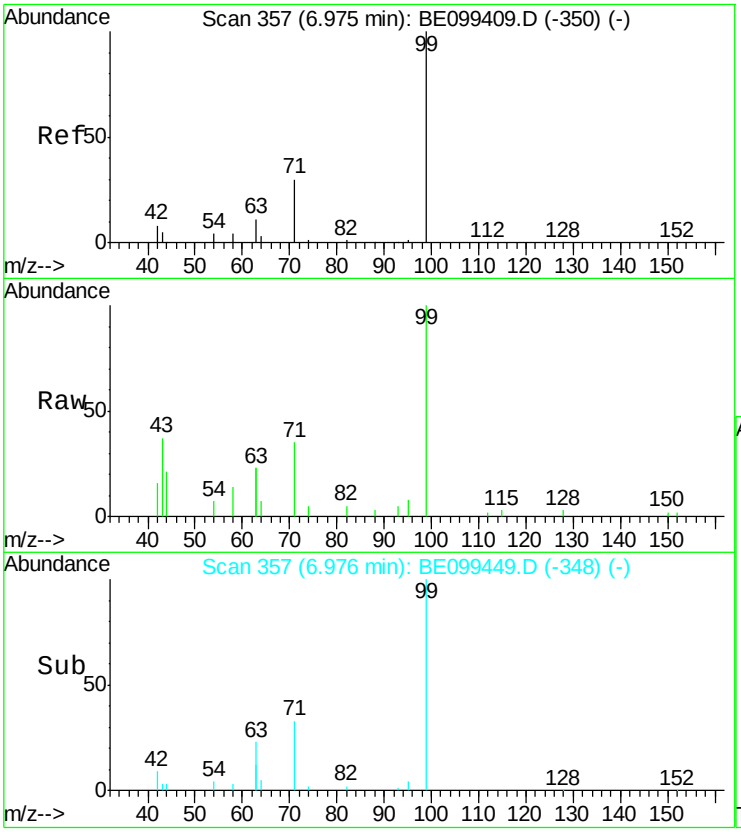


#4
2-Fluorophenol
Concen: 0.420 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:112 Resp: 2911

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.4	71.0
63	122.4	104.3	156.5



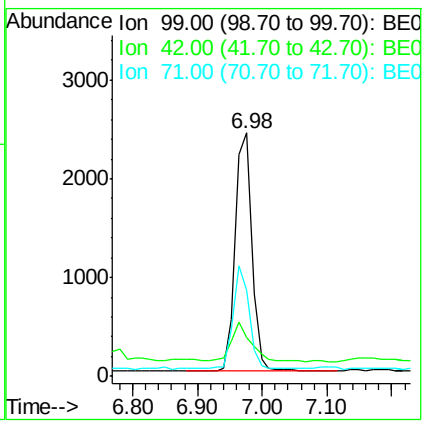


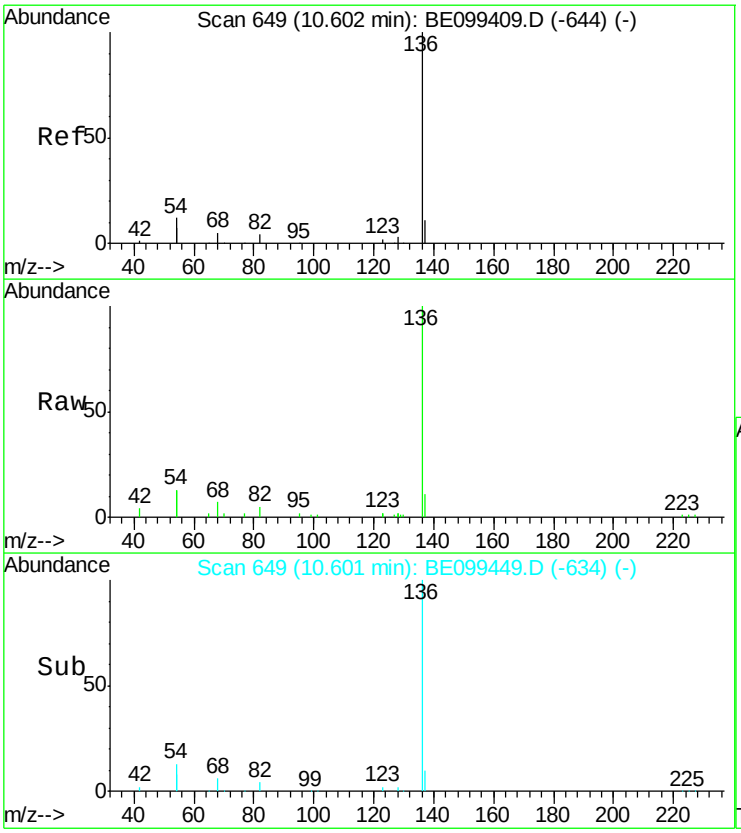
#5
Phenol-d6
Concen: 0.465 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion: 99 Resp: 4289

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	40.5	33.0	49.6

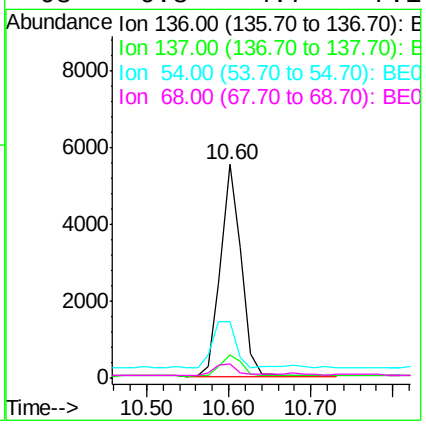


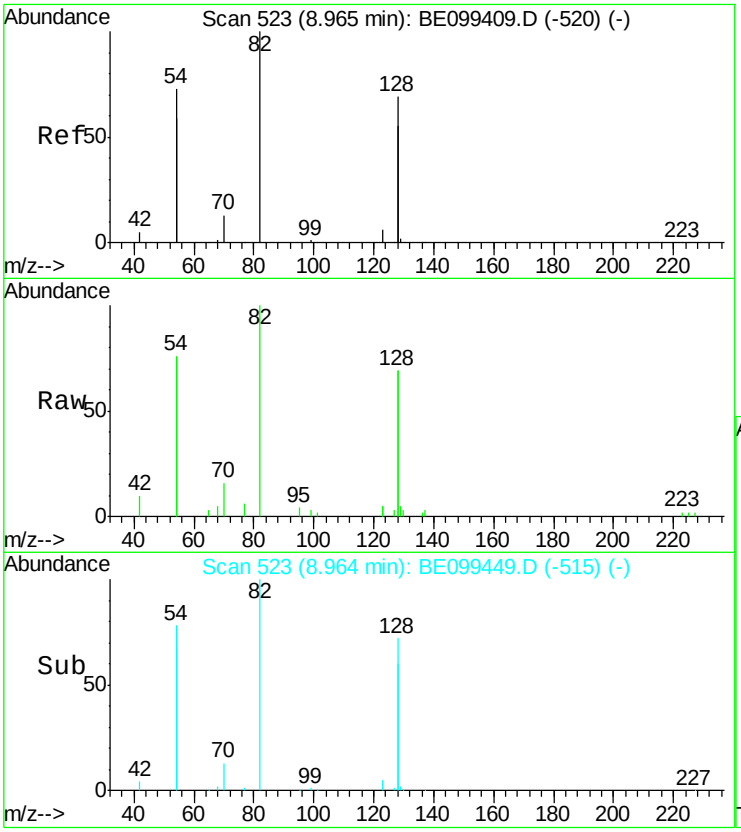


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:136 Resp: 9637

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	26.3	18.5	27.7
68	6.8	4.7	7.1



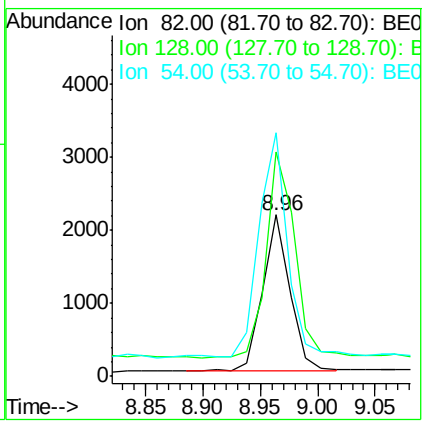


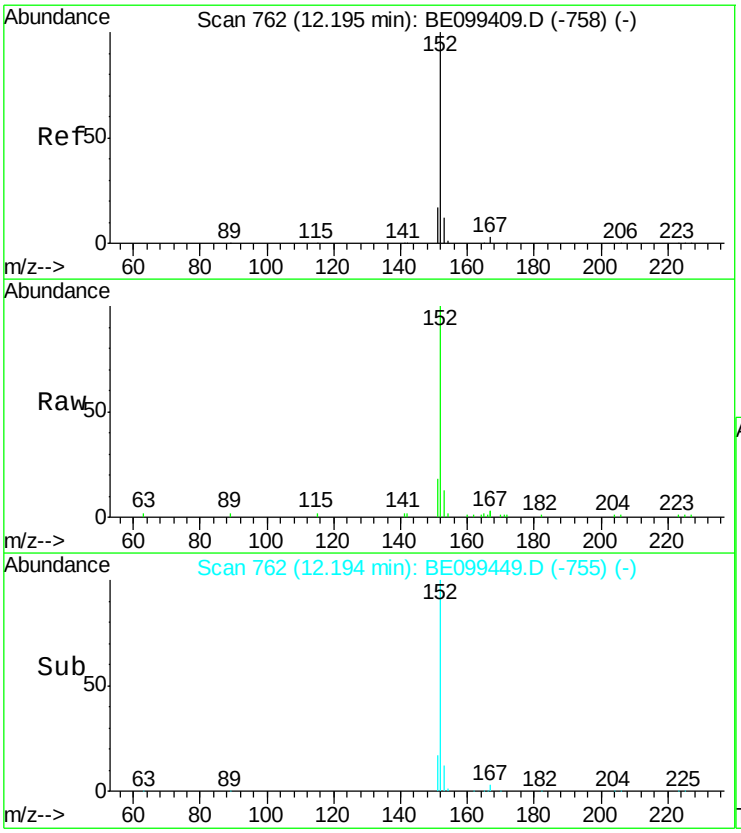
#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion: 82 Resp: 3563

Ion	Ratio	Lower	Upper
82	100		
128	138.9	107.0	160.4
54	151.2	113.1	169.7

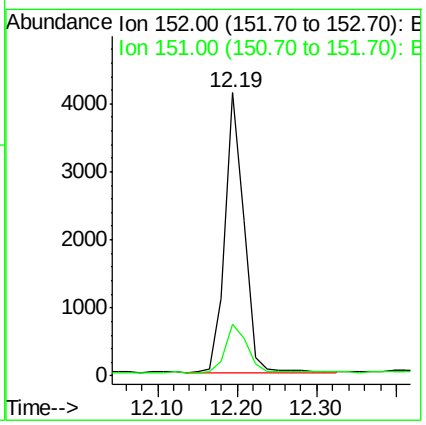


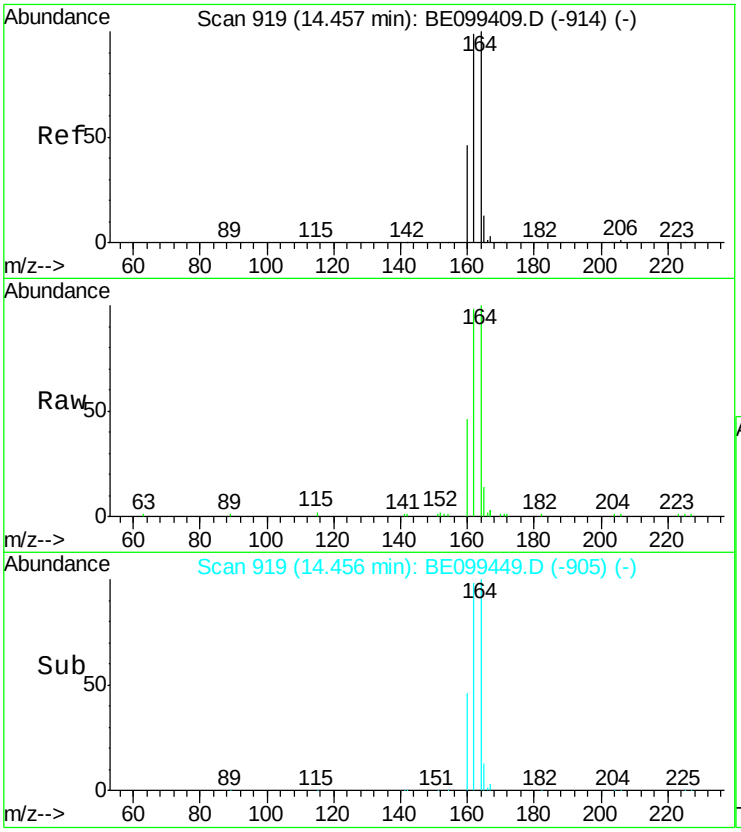


#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:152 Resp: 6785

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3



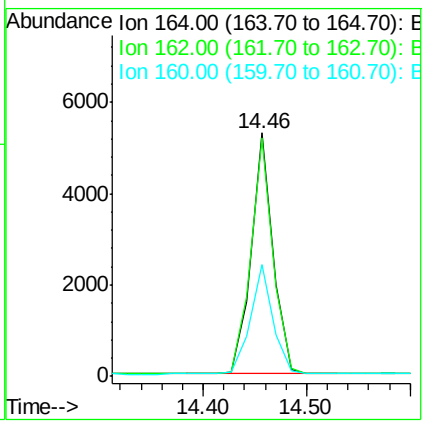


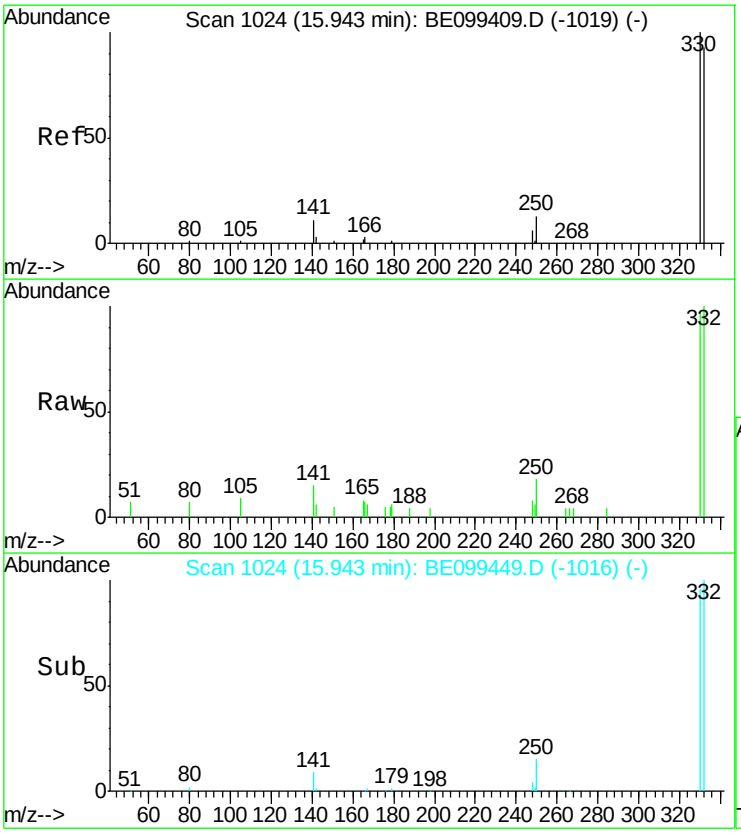
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:164 Resp: 7773

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.0	118.4
160	46.1	37.0	55.4

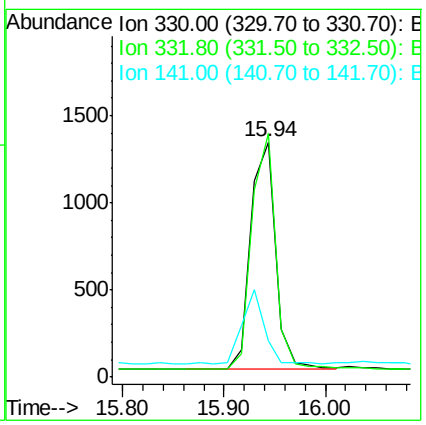


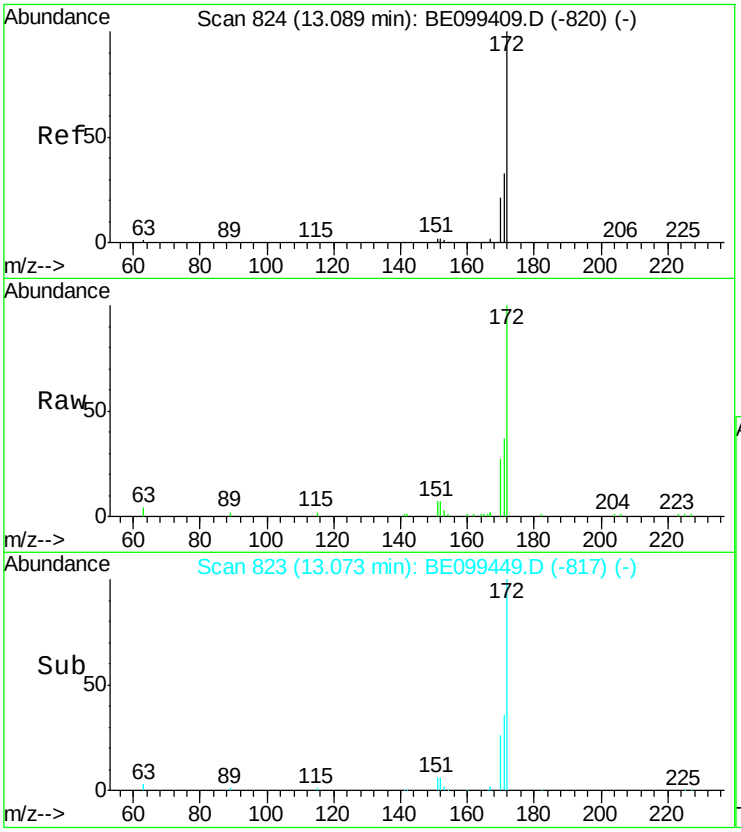


#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:330 Resp: 2252

Ion	Ratio	Lower	Upper
330	100		
332	100.2	71.5	107.3
141	28.9	24.0	36.0



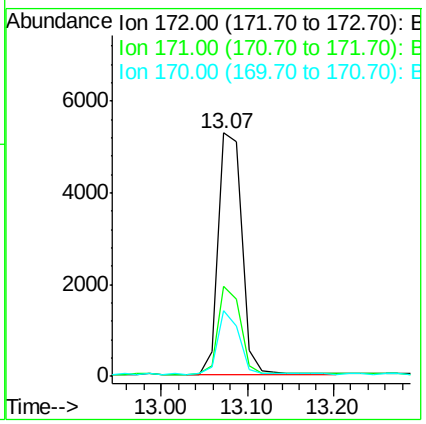


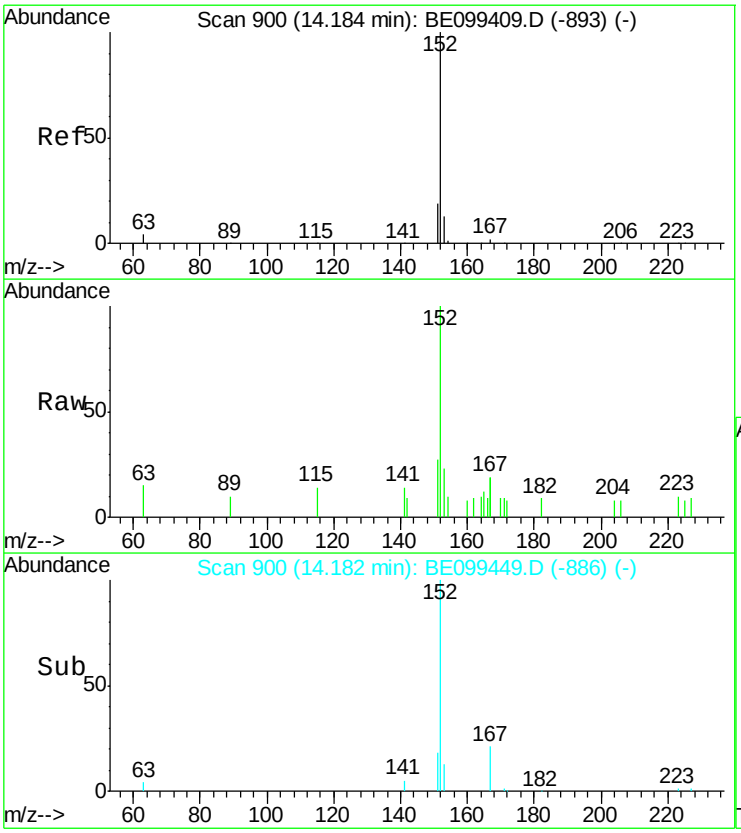
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.02 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:172 Resp: 9957

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.6	39.8
170	26.8	17.0	25.6#

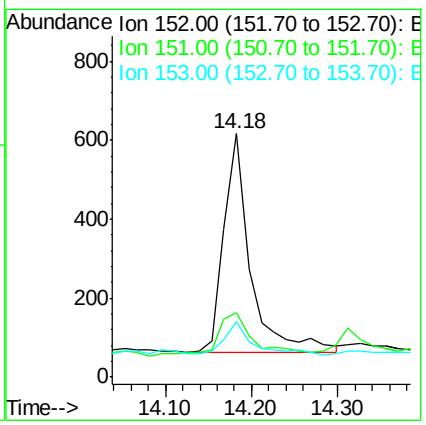


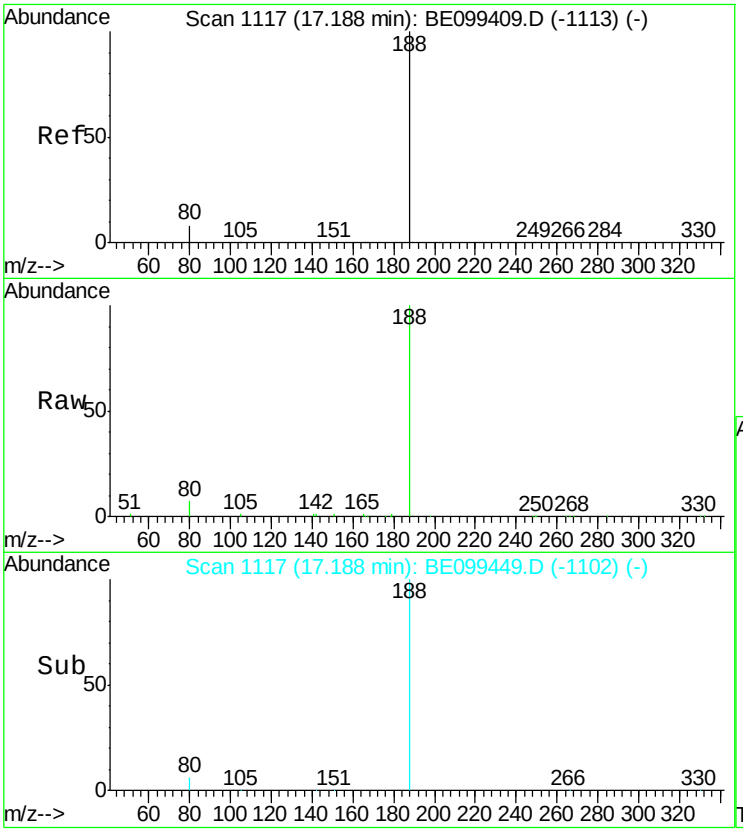


#16
Acenaphthylene
Concen: 0.031 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:152 Resp: 1184

Ion	Ratio	Lower	Upper
152	100		
151	28.9	15.4	23.2#
153	15.7	9.8	14.6#



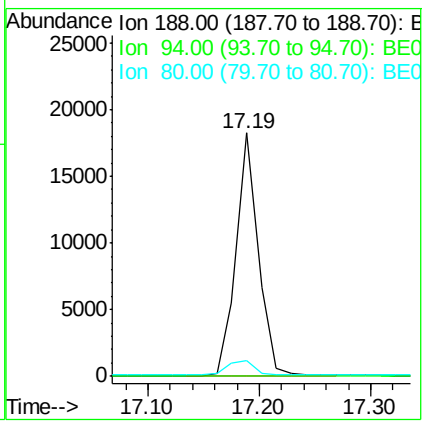


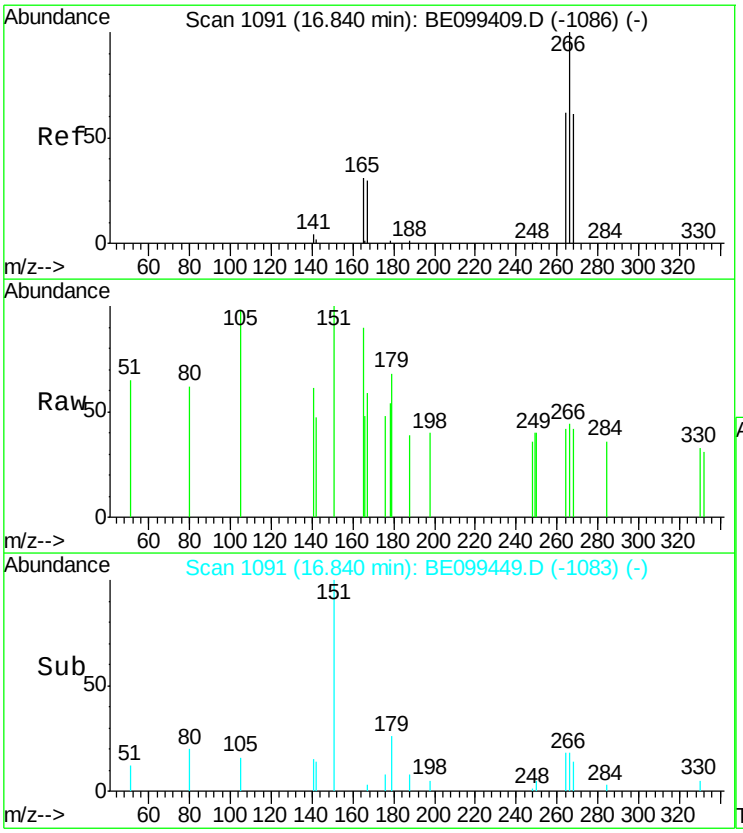
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:188 Resp: 25200

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	6.7	10.1#

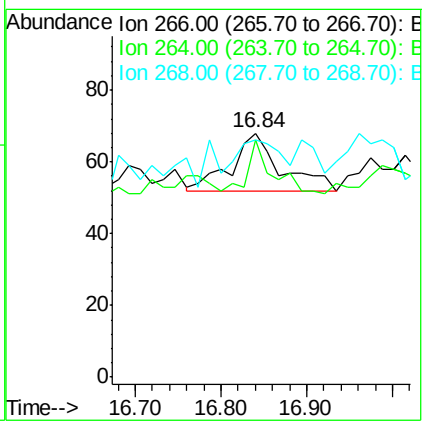


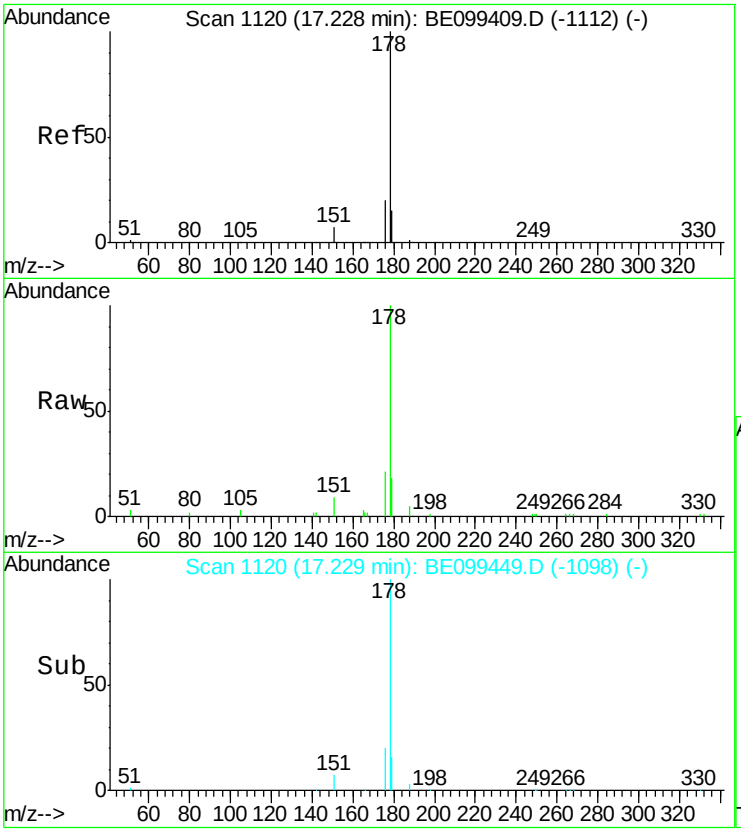


#22
Pentachlorophenol
Concen: 0.223 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
264	97.1	50.8	76.2#
268	97.1	50.5	75.7#



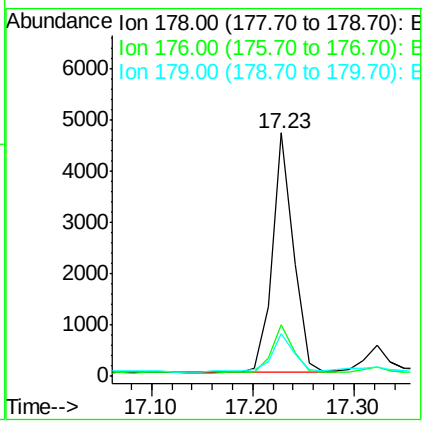


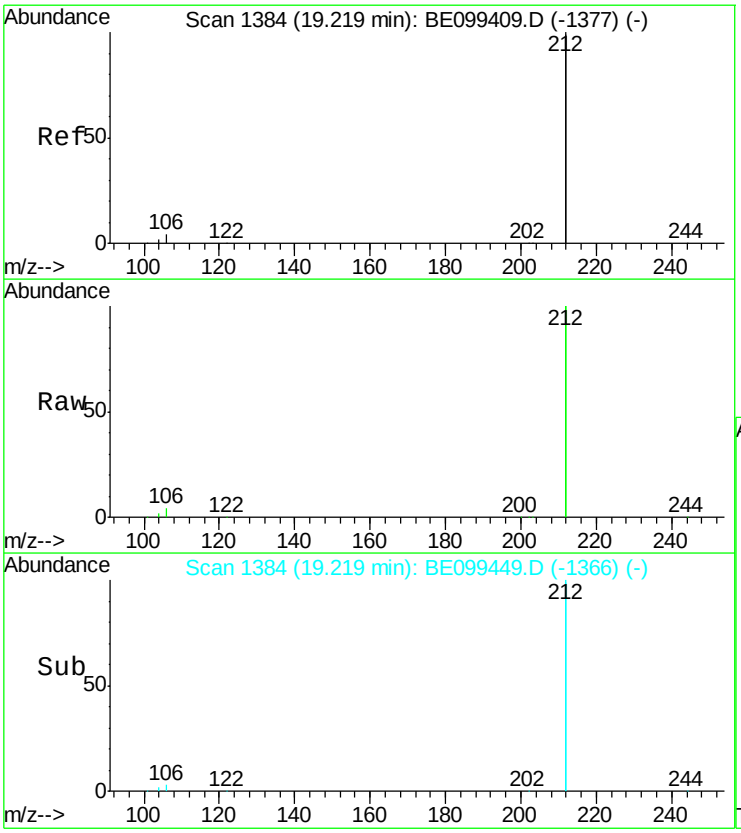
#23
Phenanthrene
Concen: 0.104 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:178 Resp: 6776

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	16.9	12.0	18.0

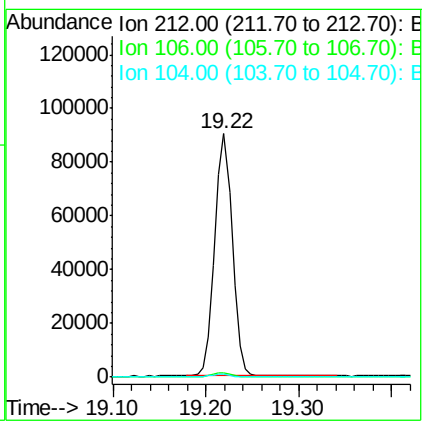


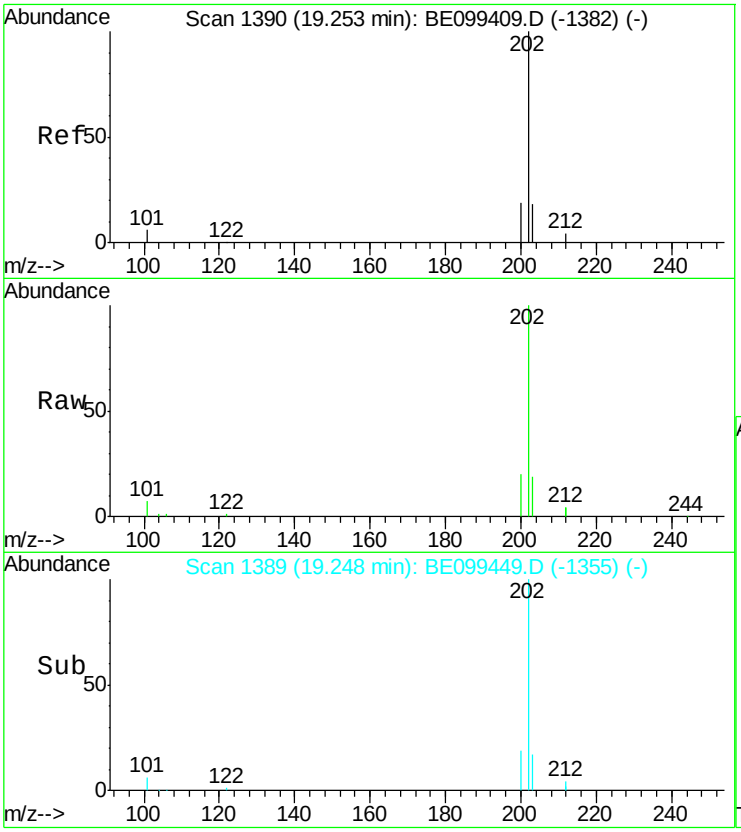


#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:212 Resp: 118363

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



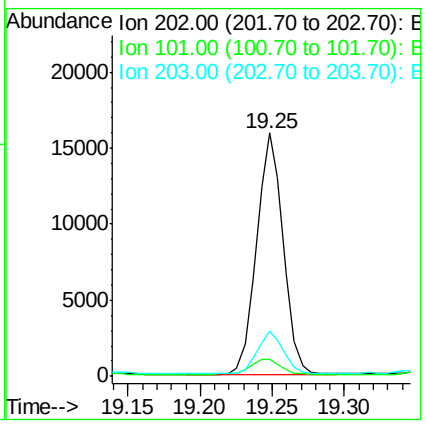


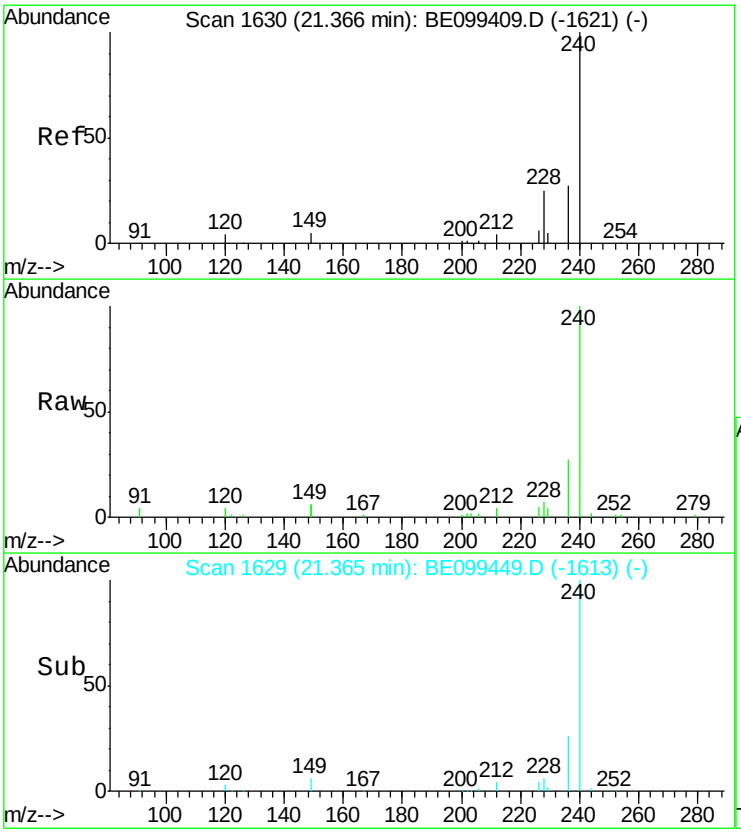
#26
Fluoranthene
Concen: 0.211 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:202 Resp: 20557

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.4	8.0
203	17.3	13.9	20.9

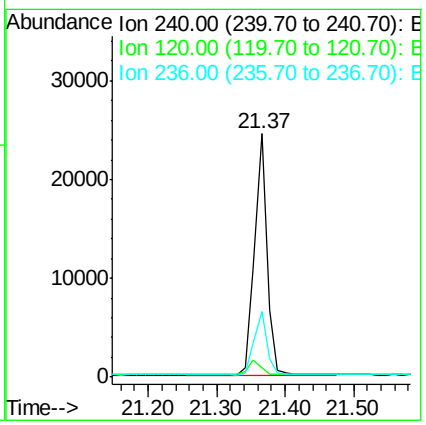


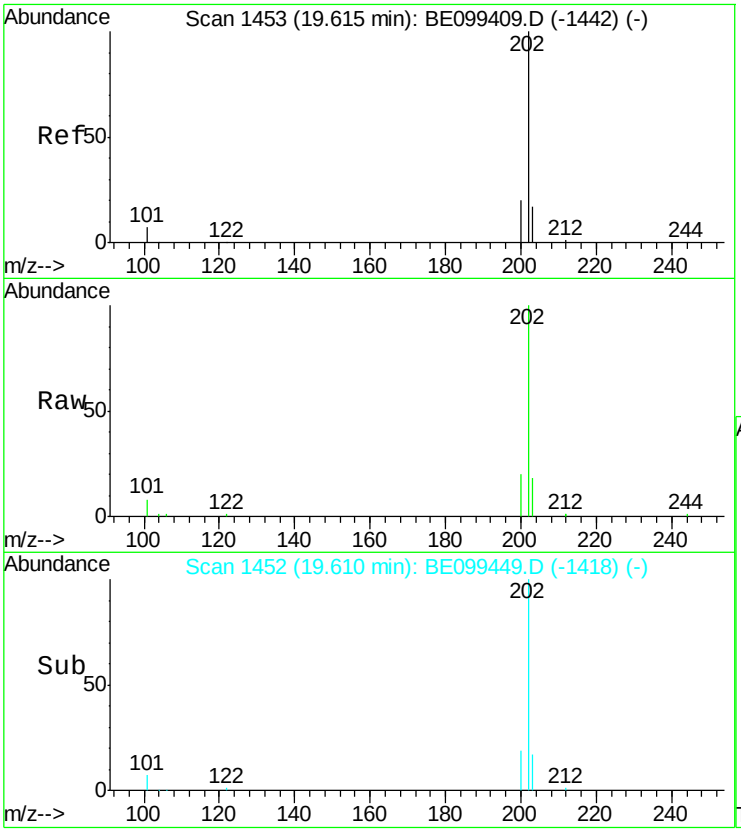


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:240 Resp: 31765

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.0	6.0#
236	27.2	22.0	33.0



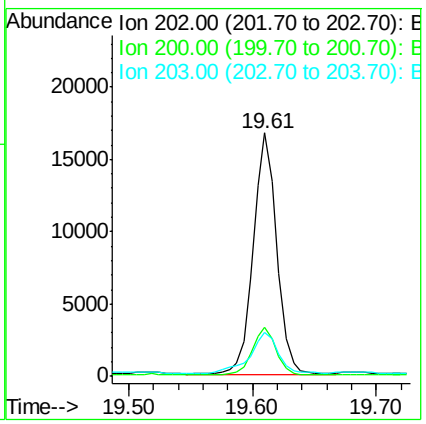


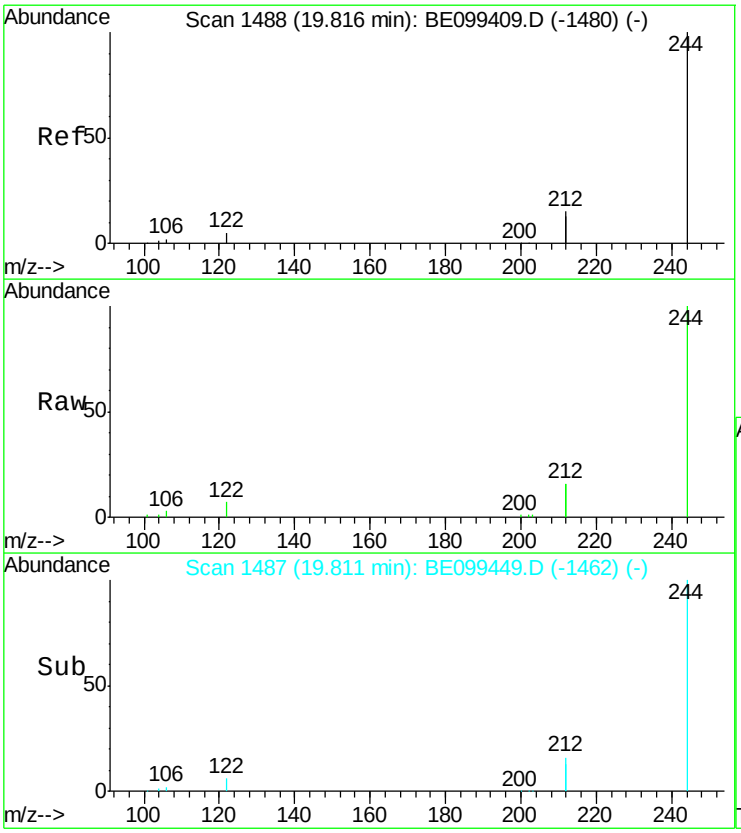
#28
Pyrene
Concen: 0.267 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:202 Resp: 22071

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.7	23.5
203	20.7	13.9	20.9

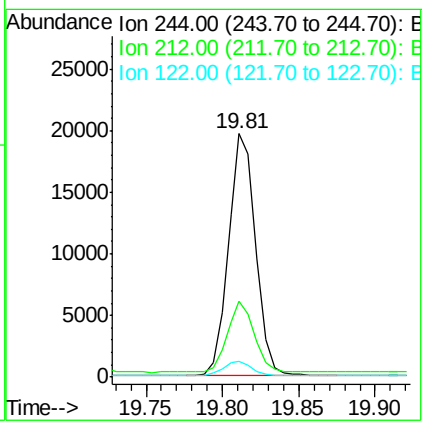


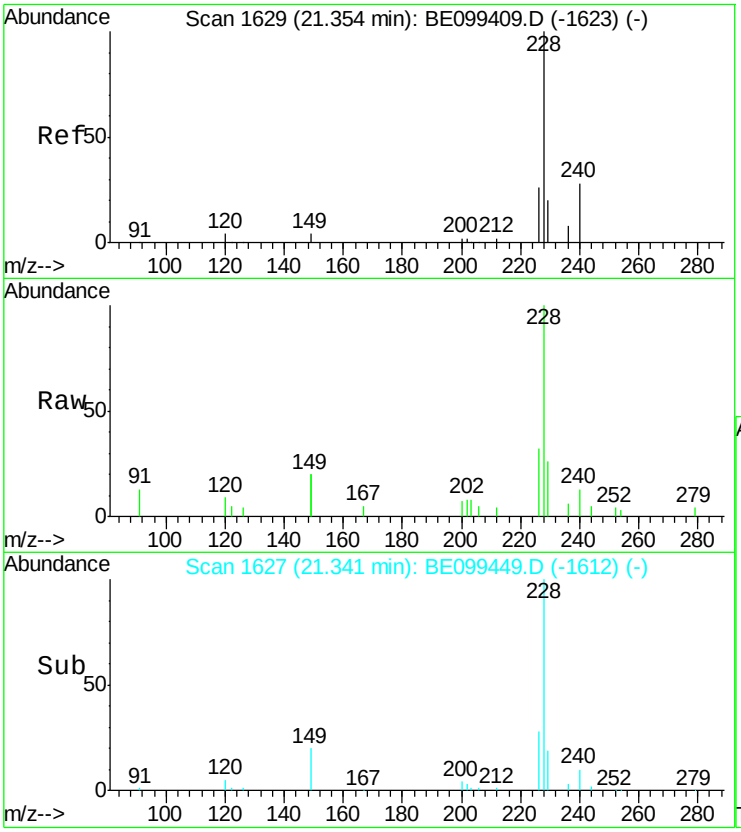


#29
Terphenyl-d14
Concen: 0.422 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:244 Resp: 24532

Ion	Ratio	Lower	Upper
244	100		
212	31.3	23.2	34.8
122	6.7	4.2	6.4#



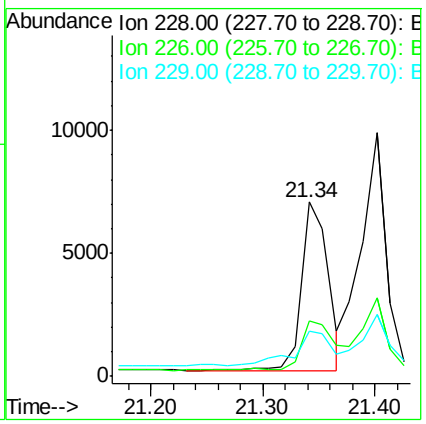


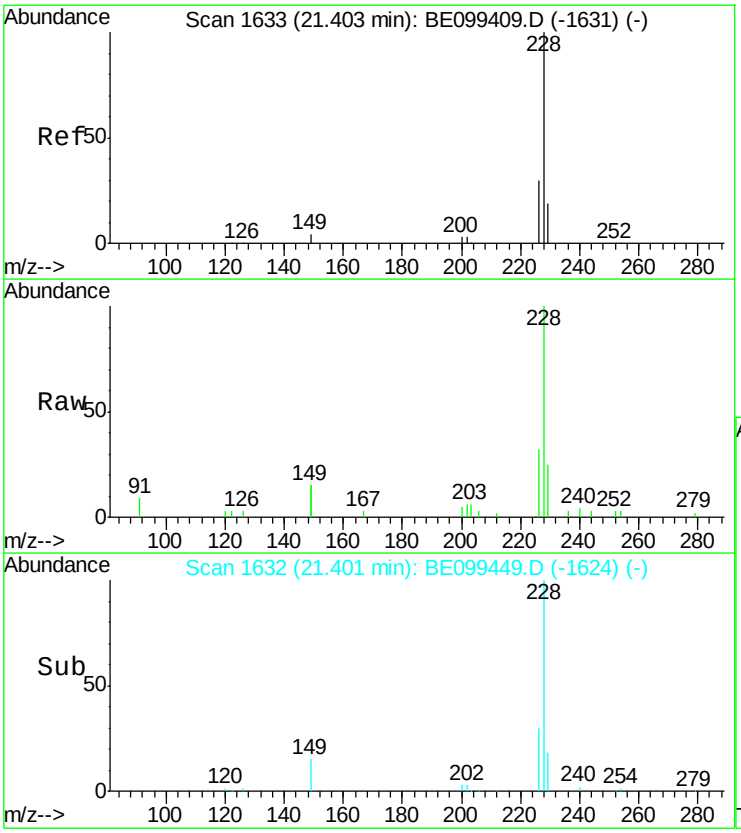
#30
Benzo(a)anthracene
Concen: 0.111 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:228 Resp: 11276

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.0	31.6
229	26.1	16.6	25.0#

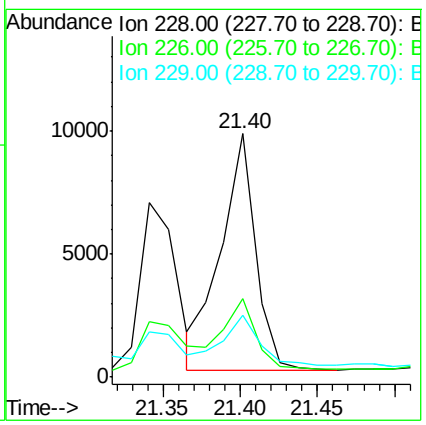


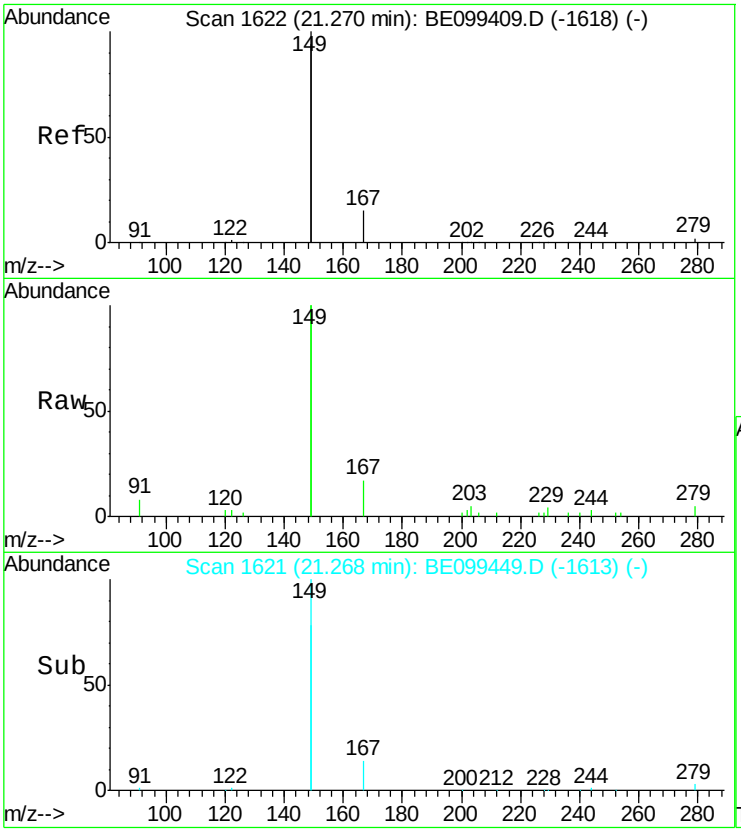


#31
Chrysene
Concen: 0.151 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:228 Resp: 14980

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	25.3	15.8	23.8#



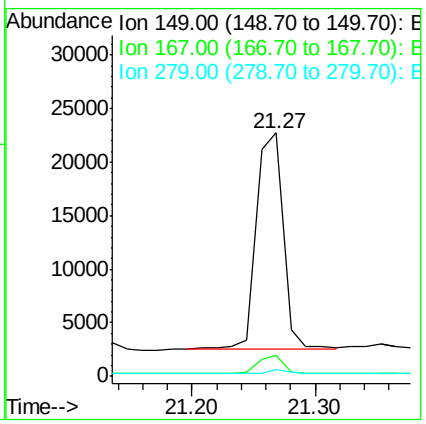


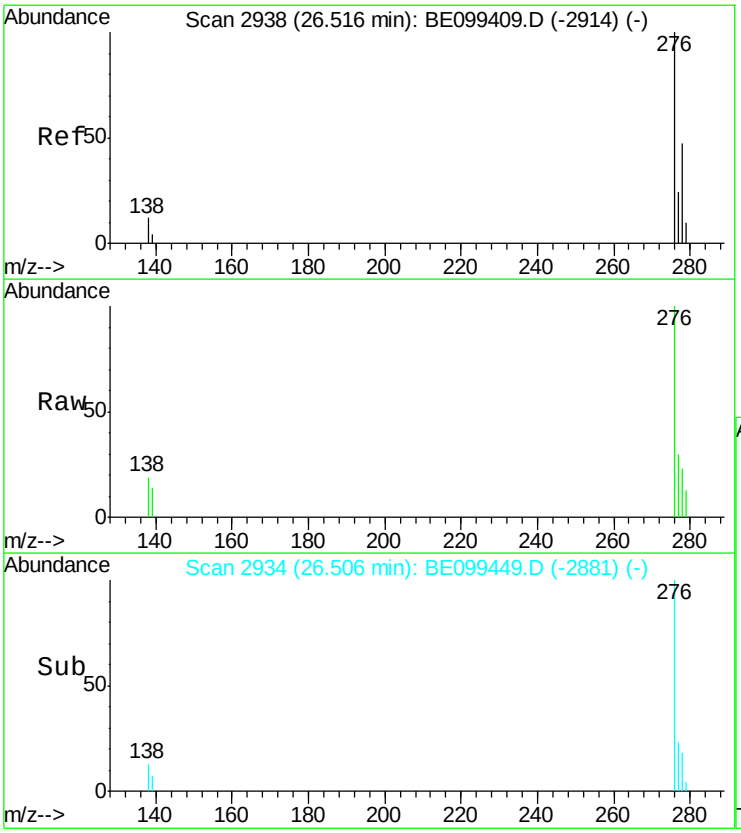
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.142 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:149 Resp: 30507

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.8	8.6
279	1.8	1.0	1.6#

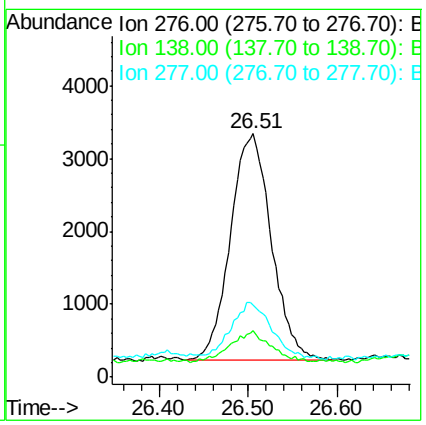


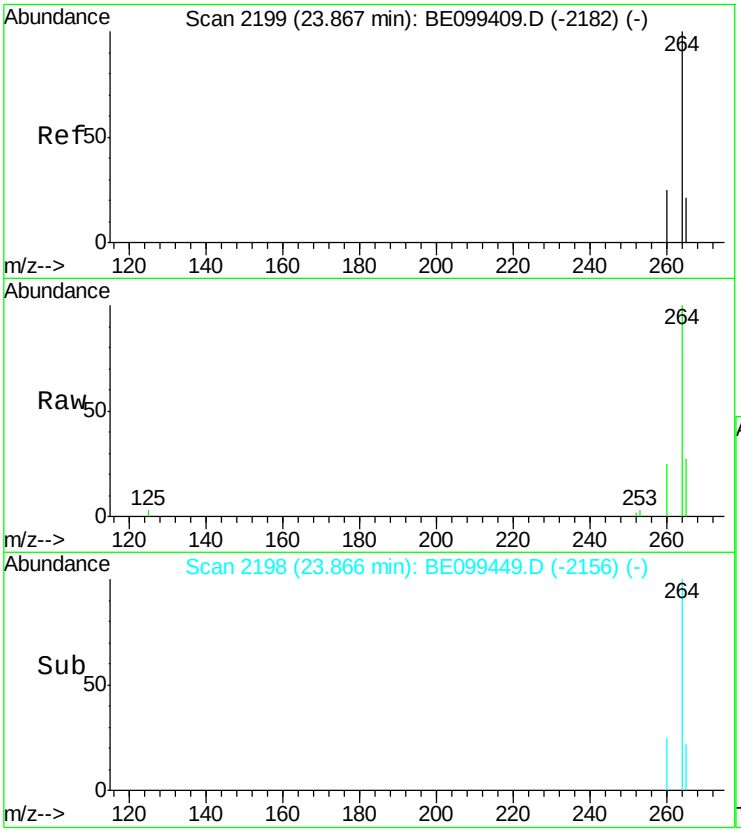


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng
RT: 26.51 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:276 Resp: 9976

Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.2	15.2
277	22.8	19.2	28.8



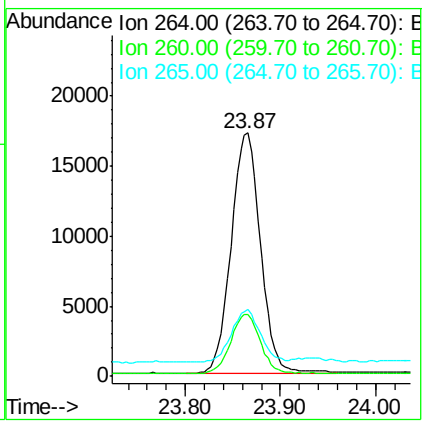


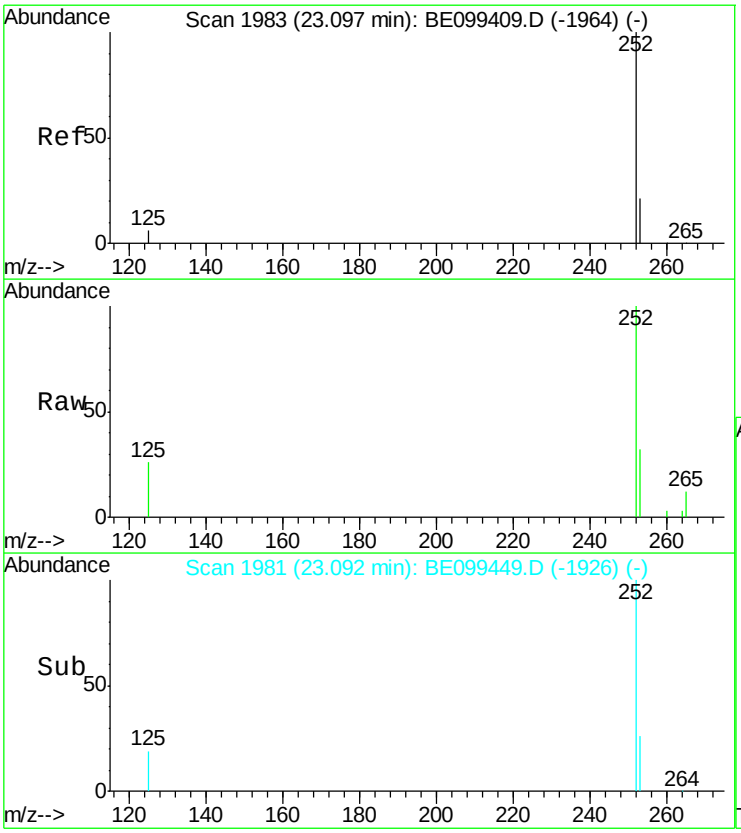
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:264 Resp: 36607

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	27.3	21.3	31.9

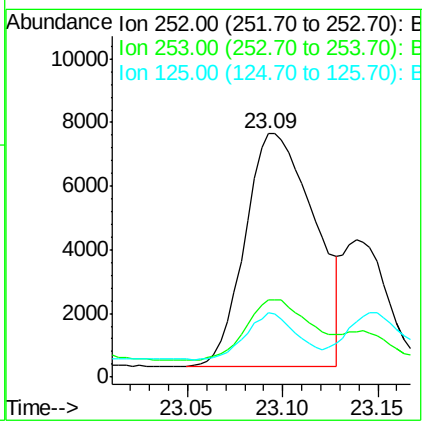


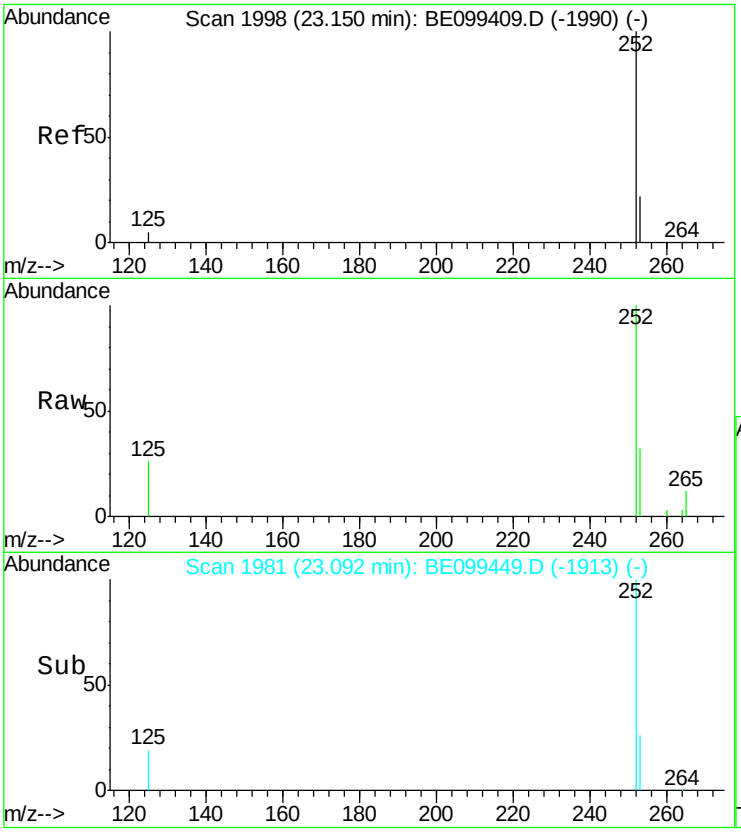


#35
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:252 Resp: 18635

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.1	27.1#
125	26.3	5.6	8.4#



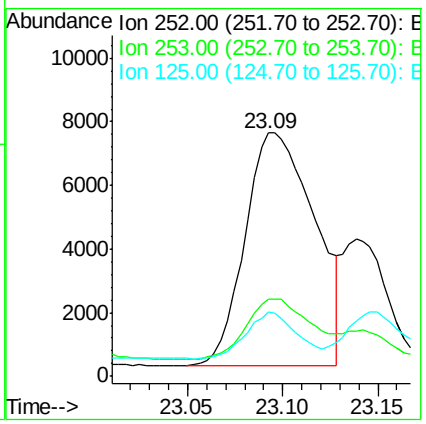


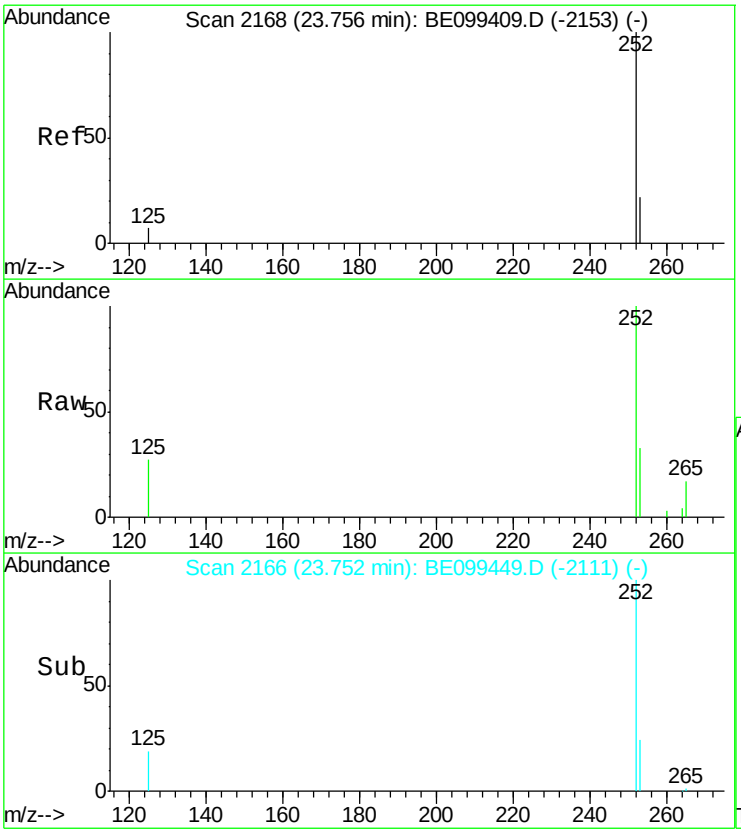
#36
Benzo(k)fluoranthene
Concen: 0.183 ng
RT: 23.09 min Scan# 1981
Delta R.T. -0.06 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:252 Resp: 18635

Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.4	27.6#
125	26.3	5.0	7.4#

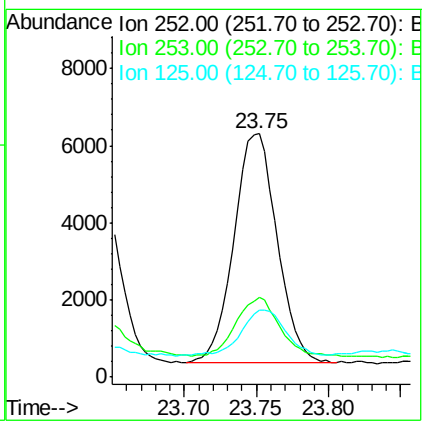


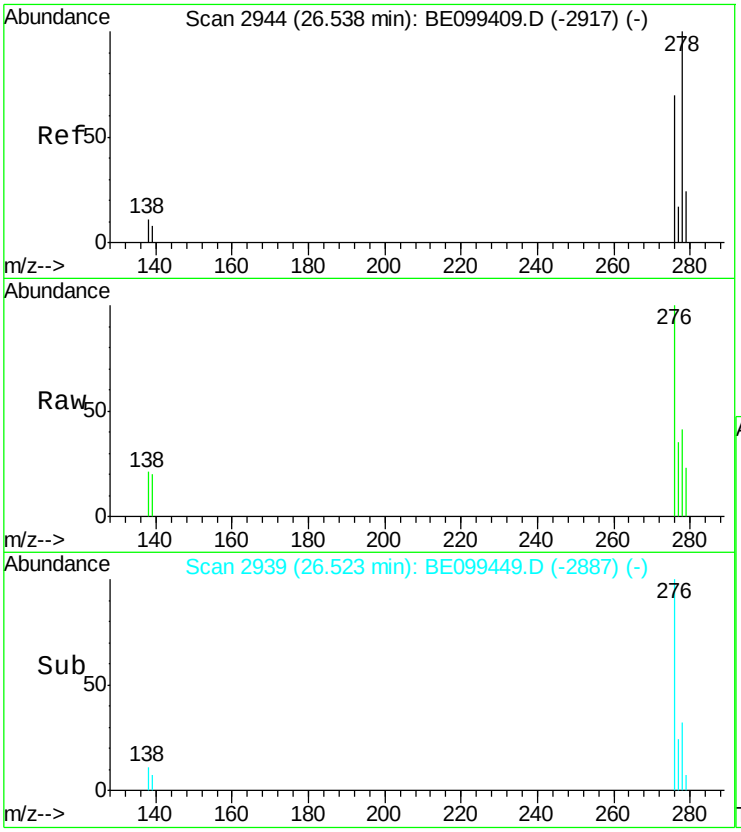


#37
Benzo(a)pyrene
Concen: 0.121 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:252 Resp: 12105

Ion	Ratio	Lower	Upper
252	100		
253	33.0	18.9	28.3#
125	27.3	6.7	10.1#



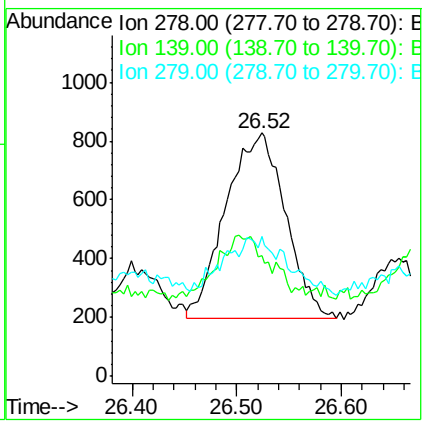


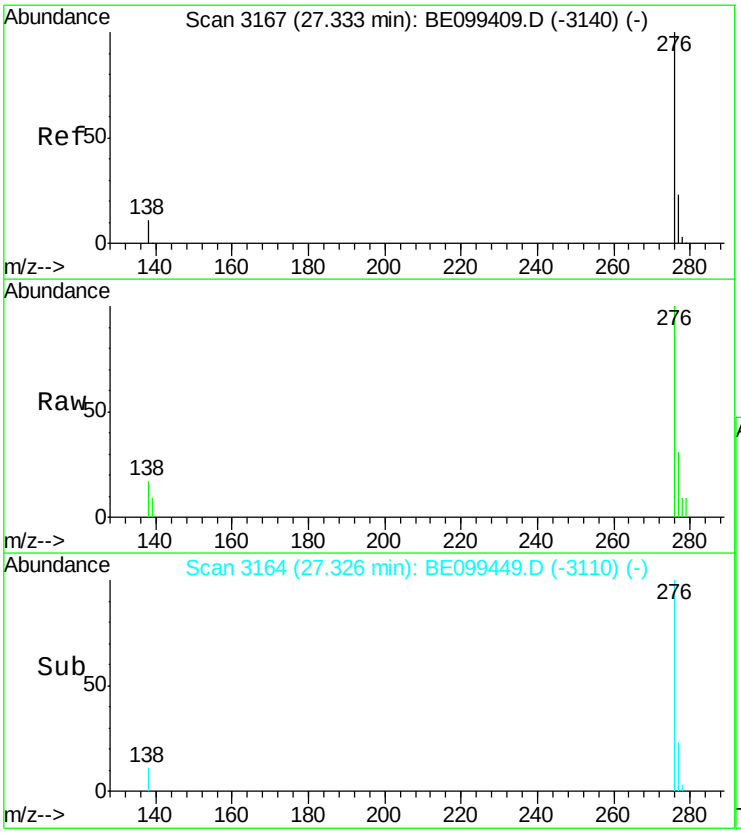
#38
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 26.52 min Scan# 2939
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW025-042219

Tgt Ion:278 Resp: 2485

Ion	Ratio	Lower	Upper
278	100		
139	49.8	7.7	11.5#
279	57.2	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.101 ng
RT: 27.33 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BE099449.D
Acq: 1 May 2019 5:26

Tgt Ion:276 Resp: 10300

Ion	Ratio	Lower	Upper
276	100		
277	30.8	19.5	29.3#
138	16.9	9.6	14.4#