Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099448.D
Acq On : 1 May 2019 4:50
Operator : JU/SJ
Sample : K2568-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-026-SW046-042219

Quant Time: May 01 06:56:30 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	2449	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	9460	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	7573	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	24926	0.40	ng		0.00
27) Chrysene-d12	21.37	240	29398	0.40	ng		0.00
34) Perylene-d12	23.87	264	33943	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	2585	0.38	ng		0.00
5) Phenol-d6	6.97	99	4021	0.45	ng		0.00
8) Nitrobenzene-d5	8.96	82	3303	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.20	152	6258	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2116	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	9349	0.32	ng		-0.01
25) Fluoranthene-d10	19.22	212	114242	0.34	ng		0.00
29) Terphenyl-d14	19.81	244	24662	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	146	0.043	ng	#	27
12) 2-Methylnaphthalene	12.27	142	1362	0.076	ng		95
16) Acenaphthylene	14.18	152	818	0.022	ng	#	83
22) Pentachlorophenol	16.84	266	27	0.219	ng	#	48
23) Phenanthrene	17.23	178	4048	0.063	ng	#	96
26) Fluoranthene	19.25	202	5773	0.060	ng		97
28) Pyrene	19.61	202	6848	0.089	ng		95
30) Benzo(a)anthracene	21.34	228	3582	0.038	ng	#	74
31) Chrysene	21.40	228	4674	0.051	ng	#	82
33) Indeno(1,2,3-cd)pyrene	26.51	276	2778	0.026	ng	#	93
35) Benzo(b)fluoranthene	23.10	252	5414	0.055	ng	#	26
36) Benzo(k)fluoranthene	23.10	252	5414	0.057	ng	#	28
37) Benzo(a)pyrene	23.75	252	3621	0.039	ng	#	28
39) Benzo(g,h,i)perylene	27.33	276	3203	0.034	ng	#	64

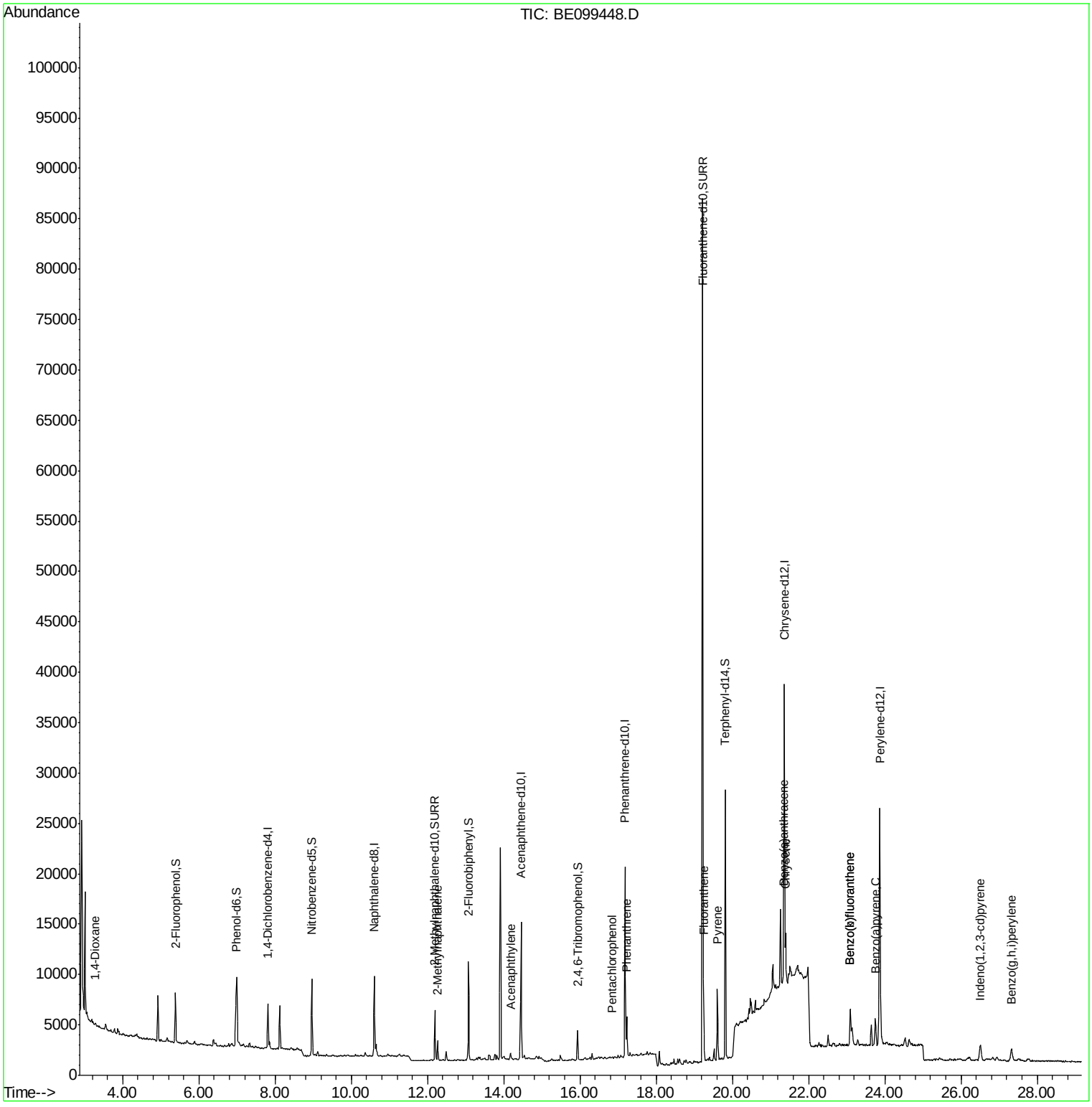
(#) = qualifier out of range (m) = manual integration (+) = signals summed

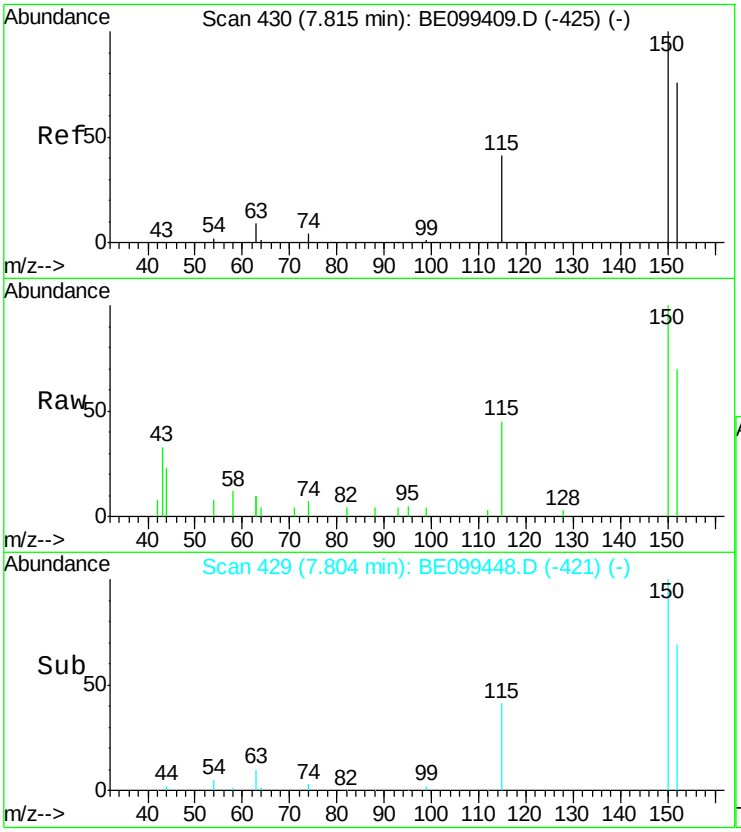
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE043019\
Data File : BE099448.D
Acq On : 1 May 2019 4:50
Operator : JU/SJ
Sample : K2568-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Quant Time: May 01 06:56:30 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



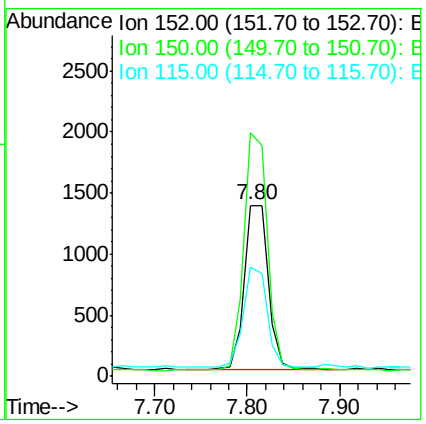


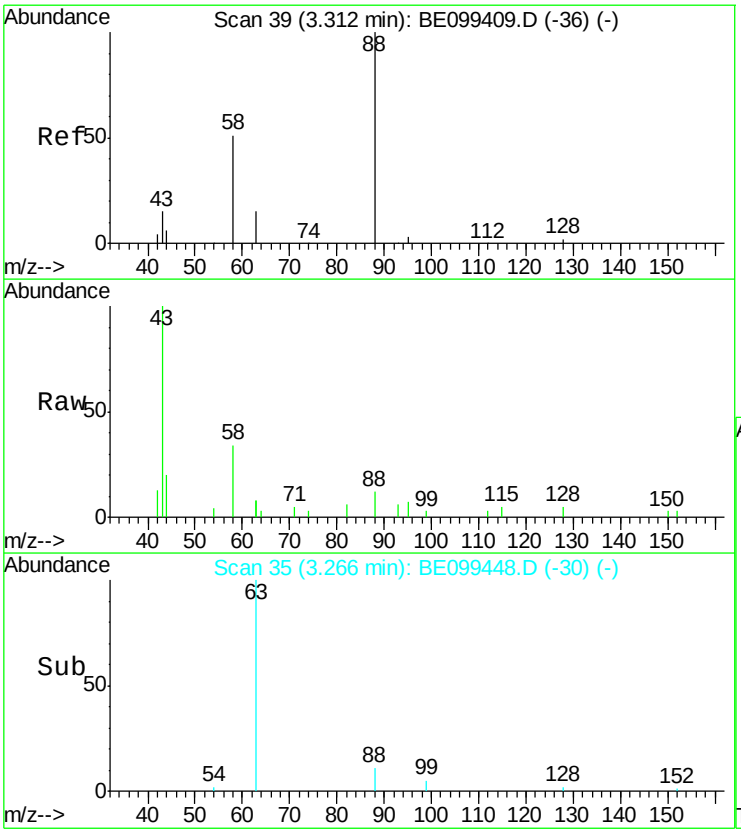
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:152 Resp: 2449

Ion	Ratio	Lower	Upper
152	100		
150	142.4	104.8	157.2
115	63.5	46.6	69.8

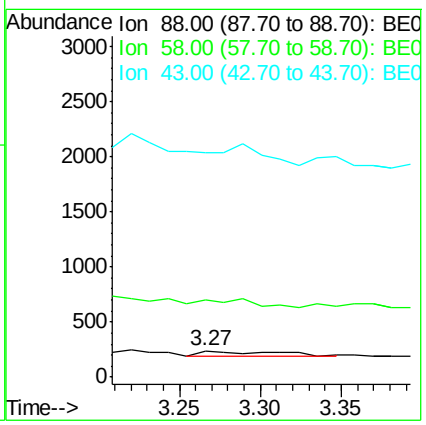


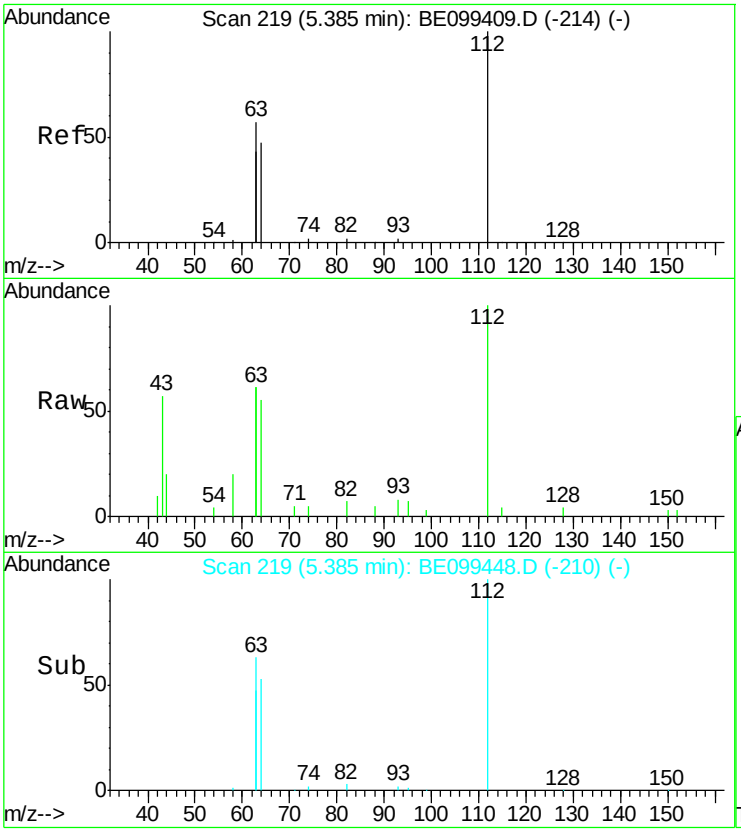


#2
1,4-Dioxane
Concen: 0.043 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.05 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion: 88 Resp: 146

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



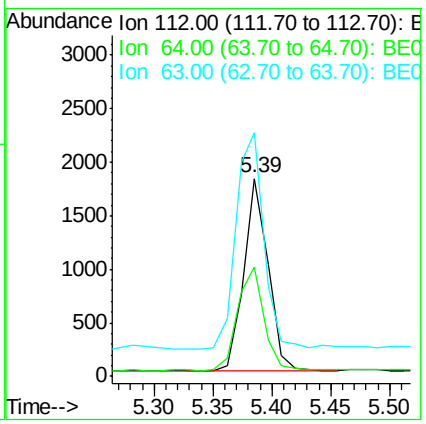


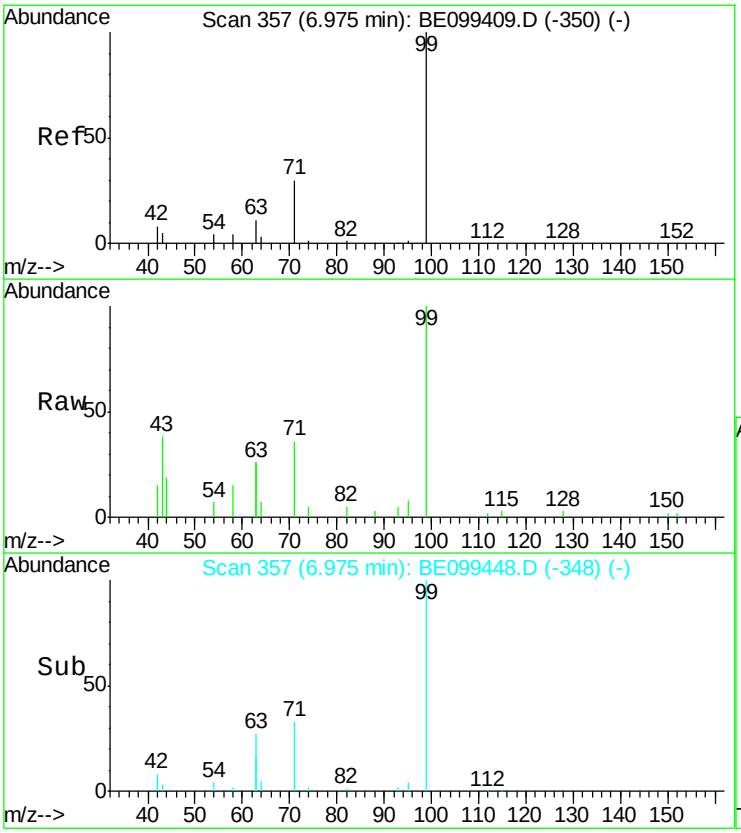
#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:112 Resp: 2585

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.4	71.0
63	130.7	104.3	156.5

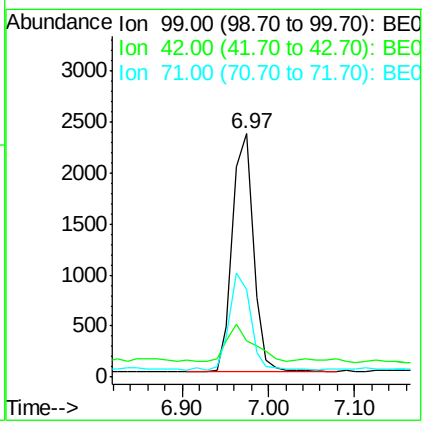


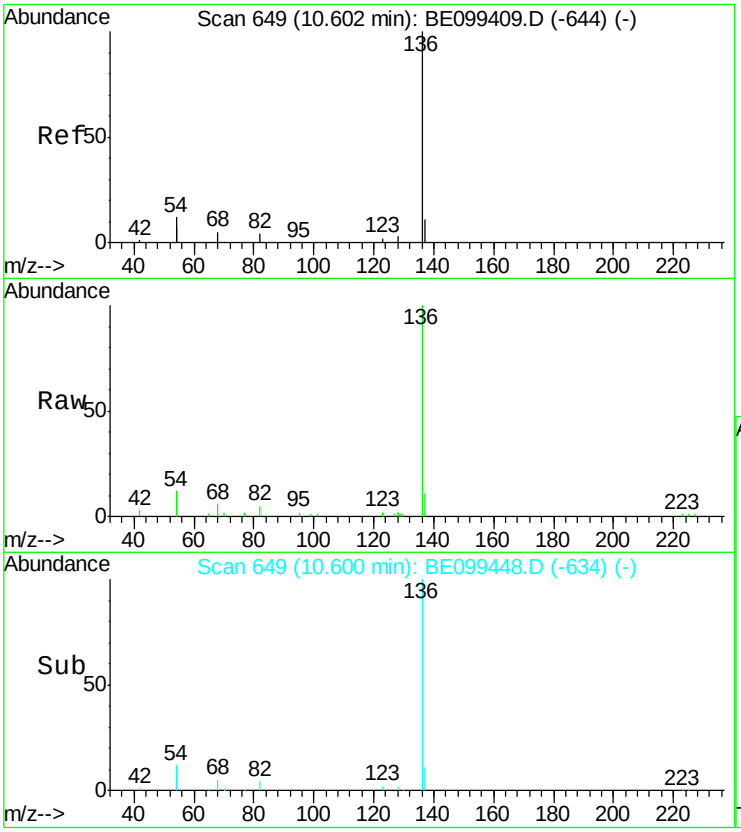


#5
Phenol-d6
Concen: 0.446 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion: 99 Resp: 4021

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.9	22.3
71	40.1	33.0	49.6



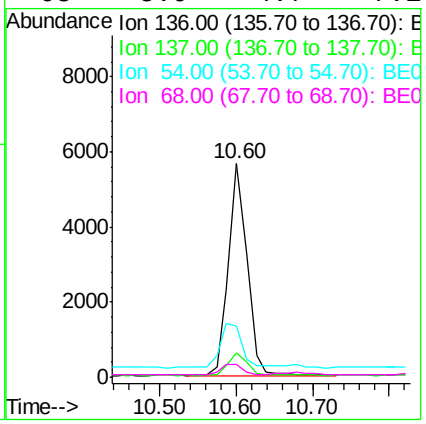


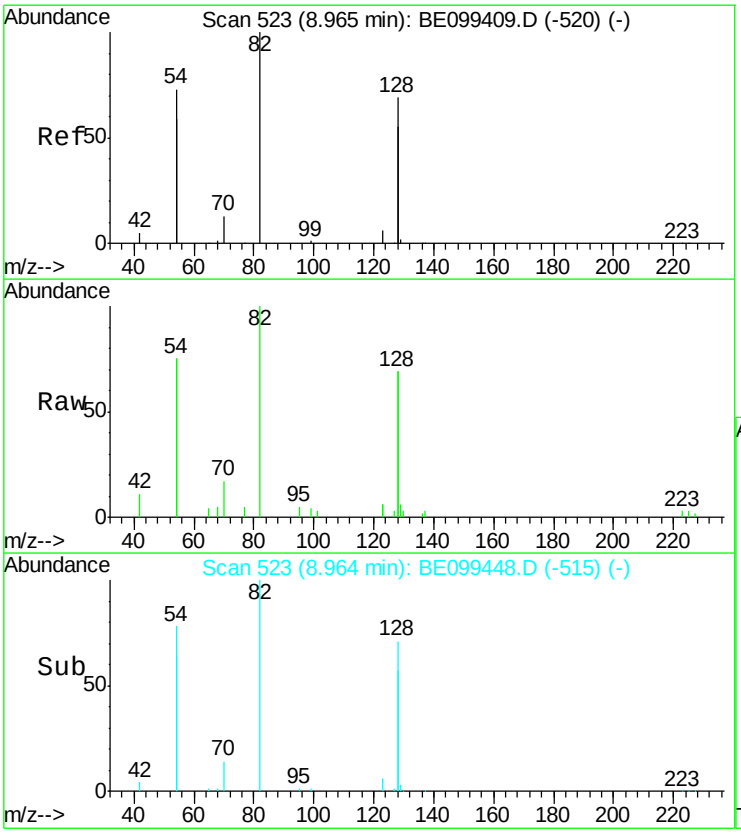
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:136 Resp: 9460

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	23.8	18.5	27.7
68	5.9	4.7	7.1

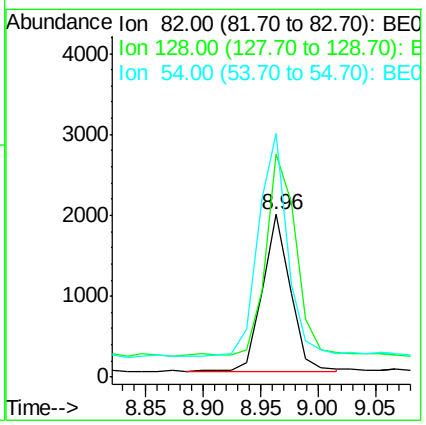


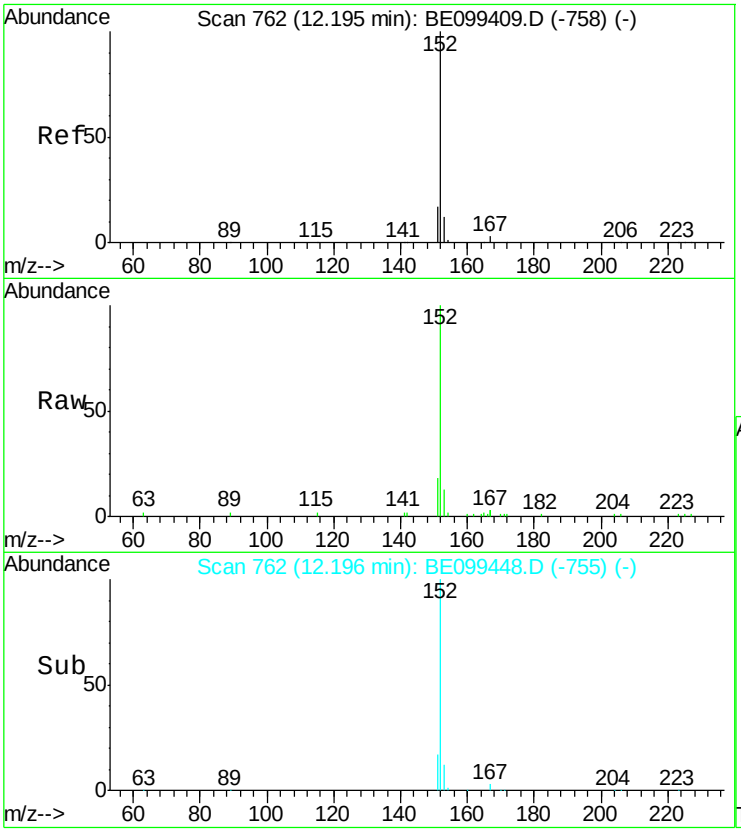


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion: 82 Resp: 3303

Ion	Ratio	Lower	Upper
82	100		
128	137.4	107.0	160.4
54	149.8	113.1	169.7



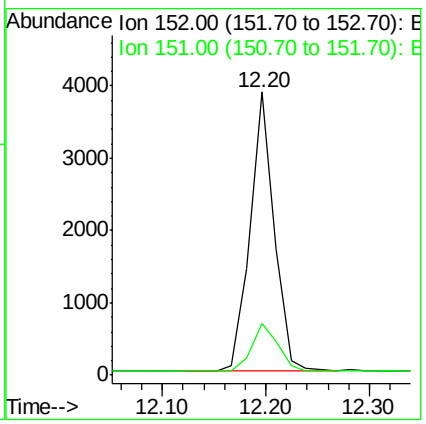


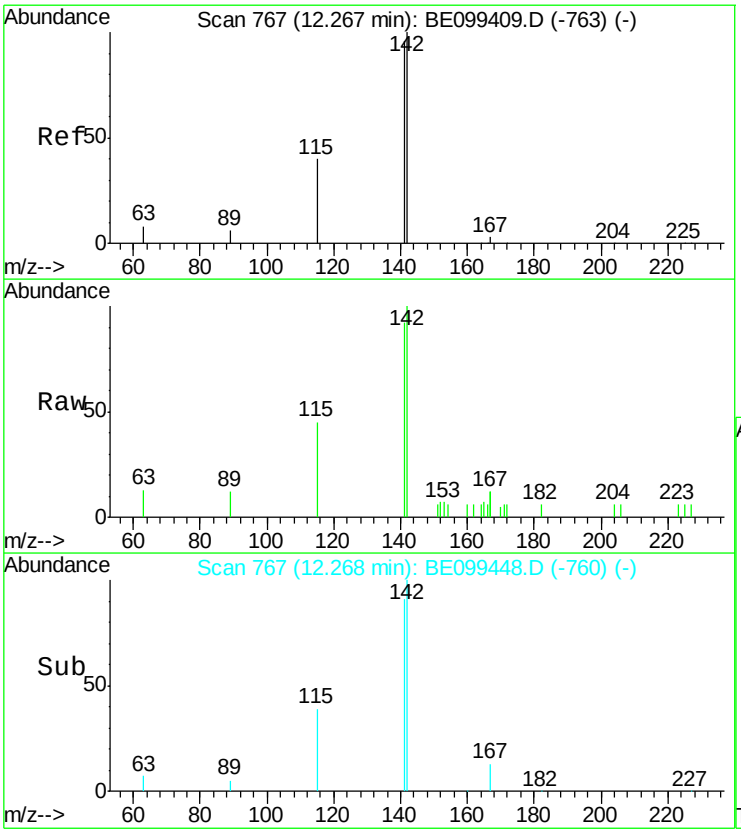
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:152 Resp: 6258

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

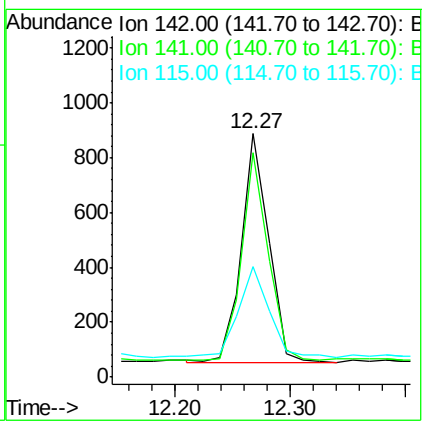


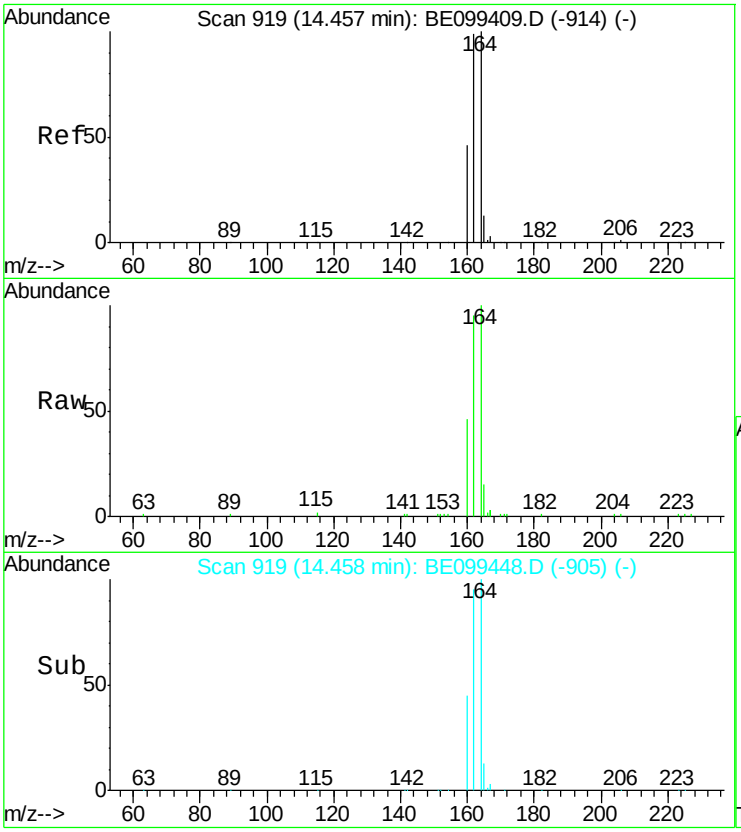


#12
2-Methylnaphthalene
Concen: 0.076 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:142 Resp: 1362

Ion	Ratio	Lower	Upper
142	100		
141	92.1	77.0	115.4
115	45.4	33.4	50.0



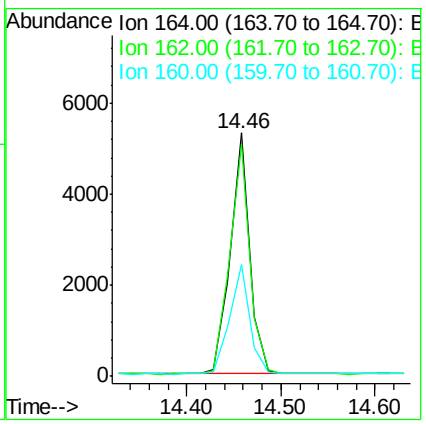


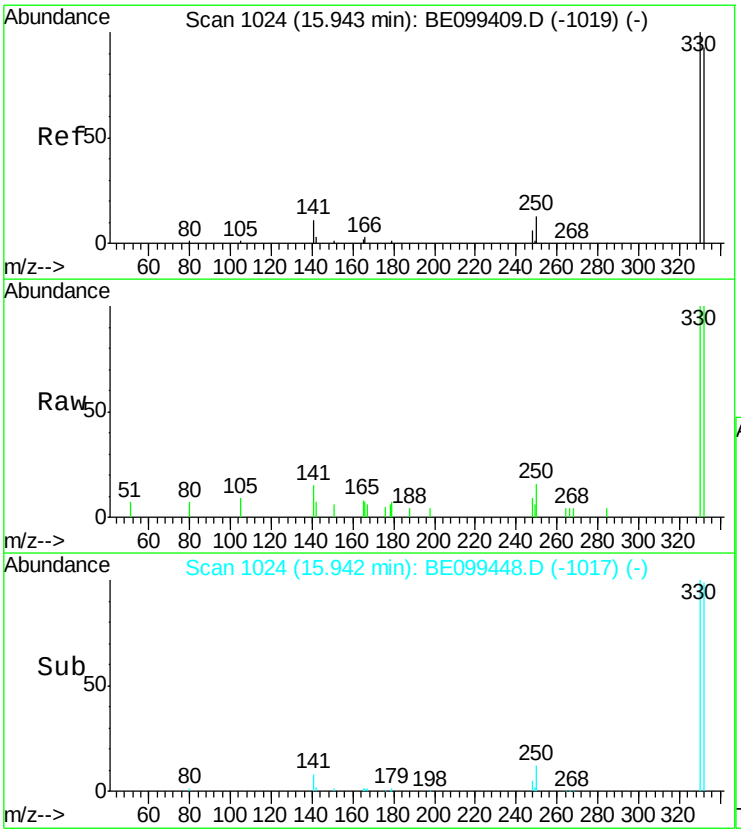
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:164 Resp: 7573

Ion	Ratio	Lower	Upper
164	100		
162	95.1	79.0	118.4
160	45.8	37.0	55.4

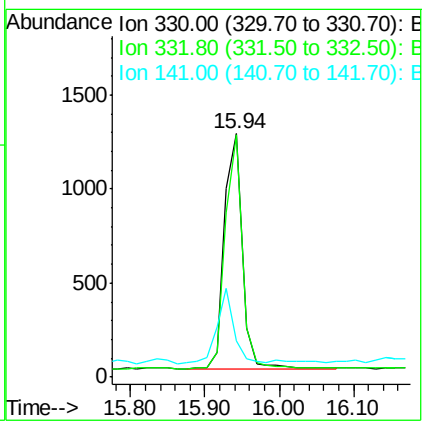


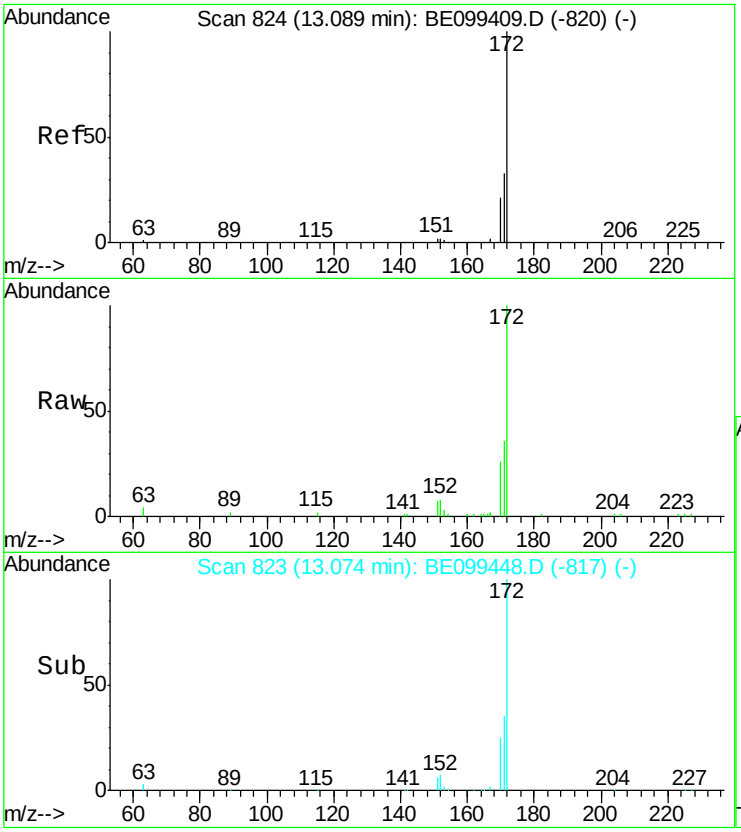


#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:330 Resp: 2116

Ion	Ratio	Lower	Upper
330	100		
332	94.0	71.5	107.3
141	29.8	24.0	36.0



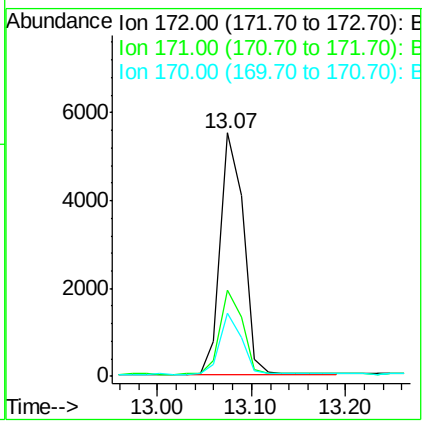


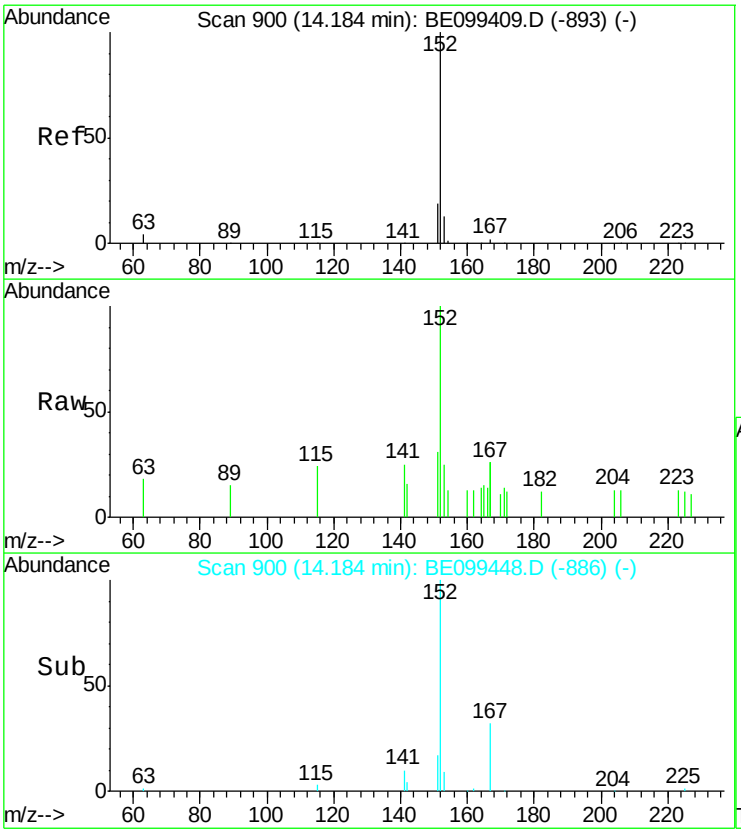
#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:172 Resp: 9349

Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.6	39.8
170	25.8	17.0	25.6#

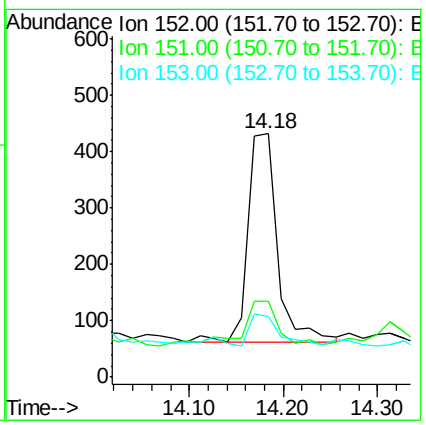


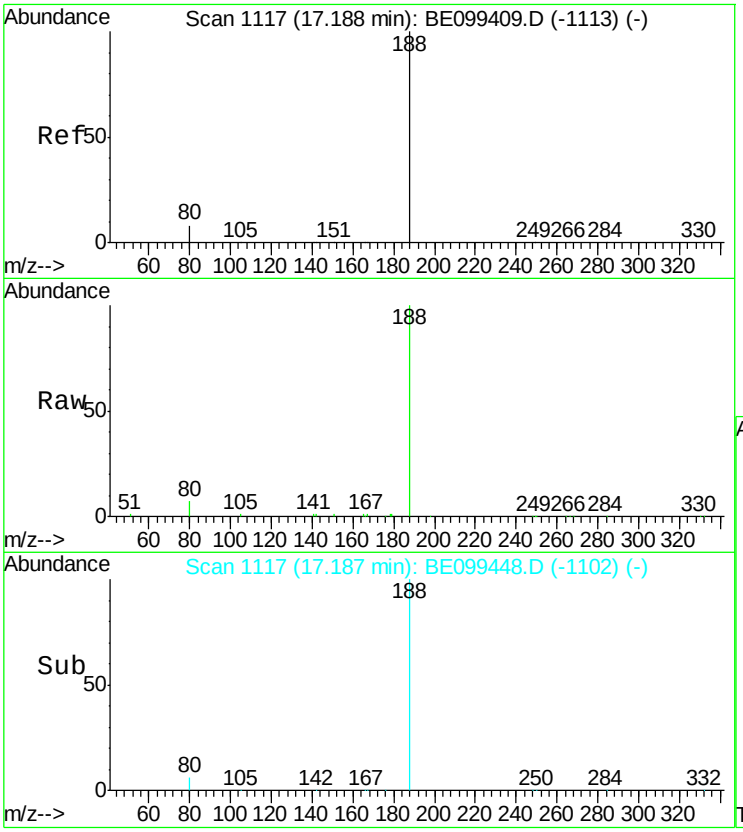


#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:152 Resp: 818

Ion	Ratio	Lower	Upper
152	100		
151	28.2	15.4	23.2#
153	17.1	9.8	14.6#



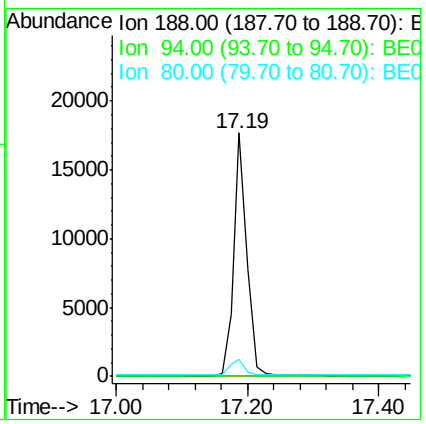


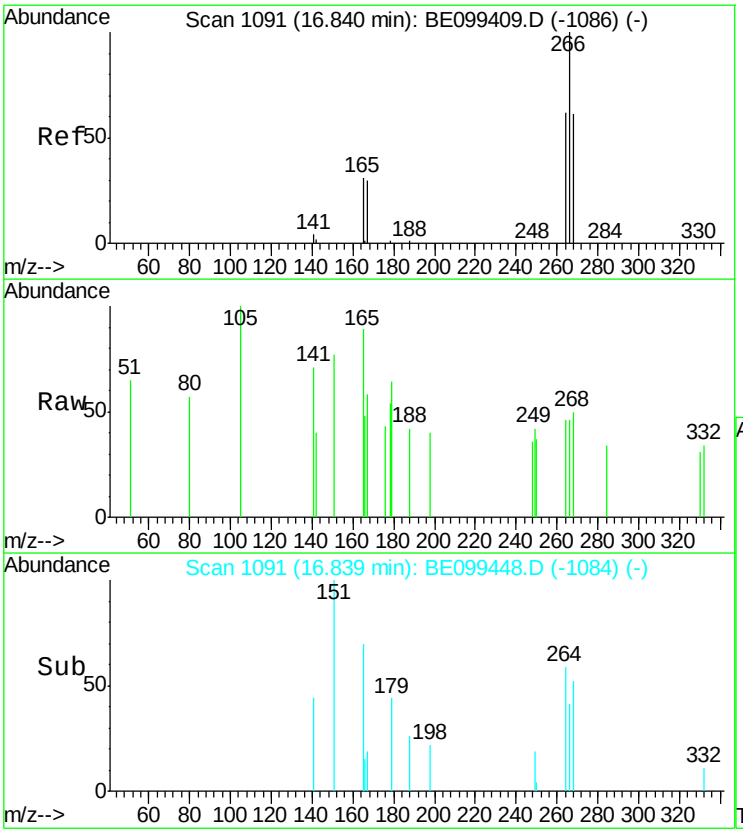
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:188 Resp: 24926

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.7	10.1

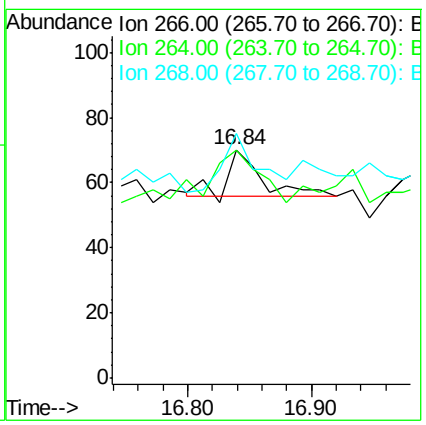


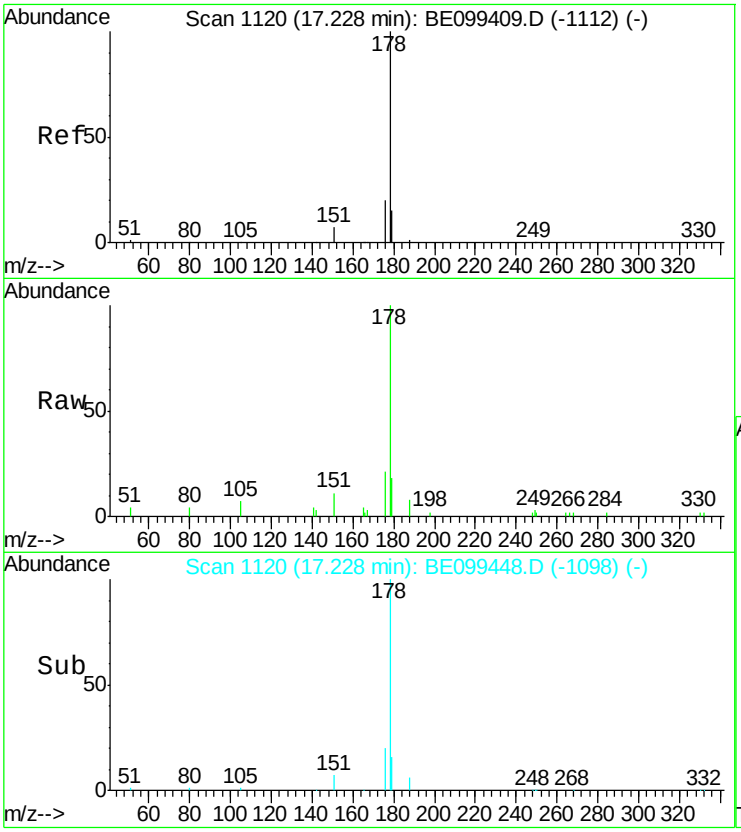


#22
Pentachlorophenol
Concen: 0.219 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:266 Resp: 27

Ion	Ratio	Lower	Upper
266	100		
264	100.0	50.8	76.2#
268	107.1	50.5	75.7#



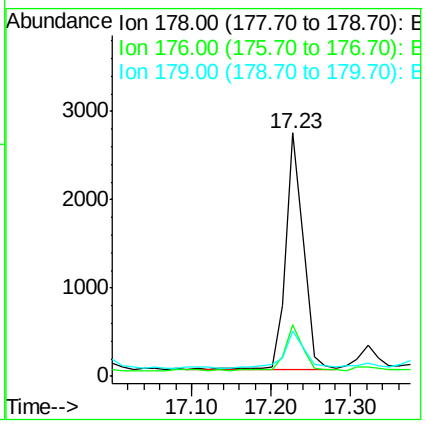


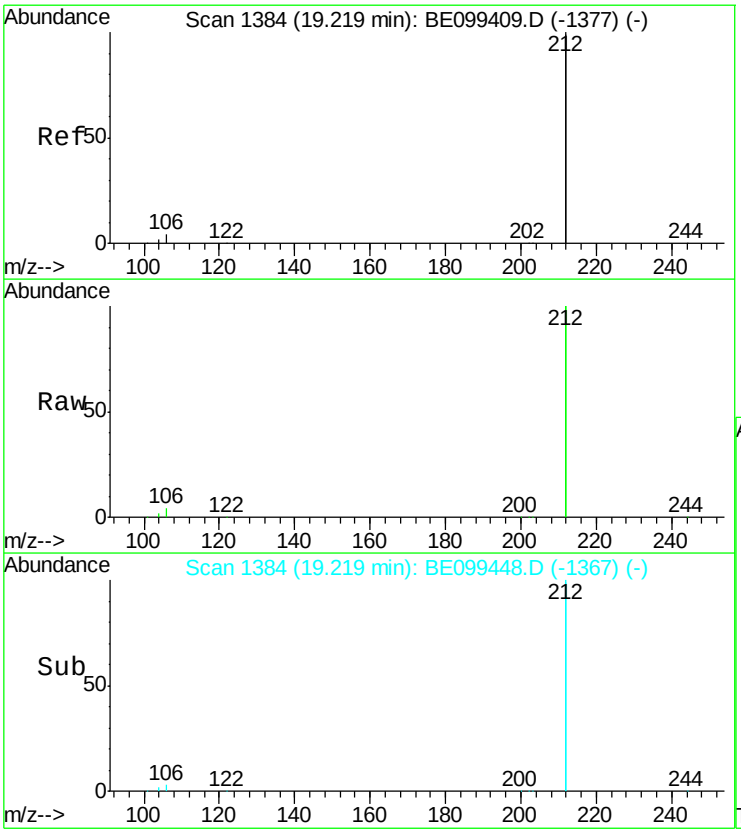
#23
Phenanthrene
Concen: 0.063 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:178 Resp: 4048

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	18.1	12.0	18.0#

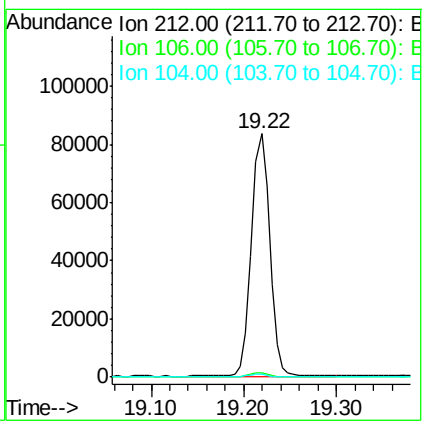


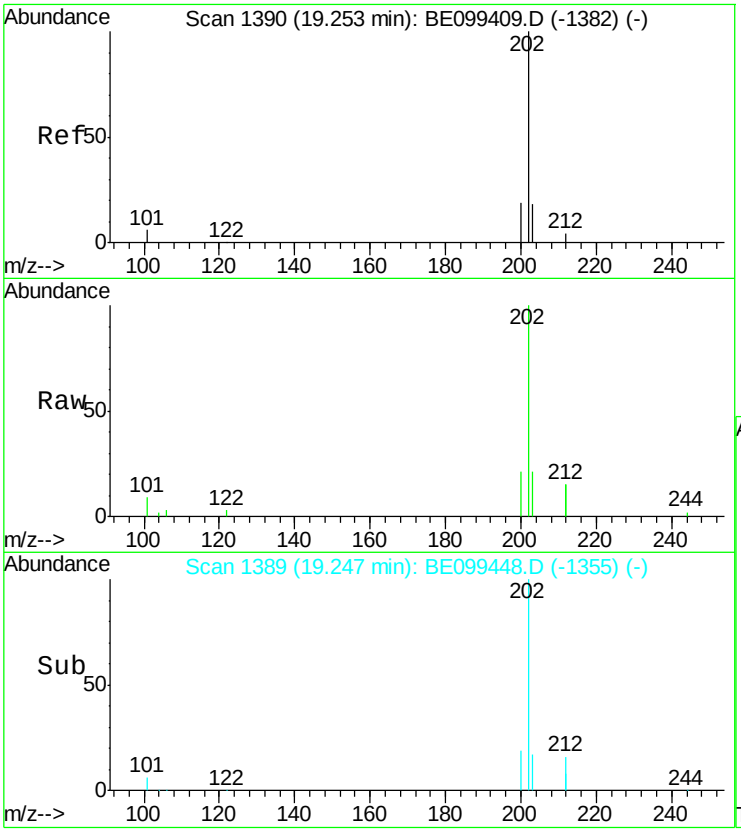


#25
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:212 Resp: 114242

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



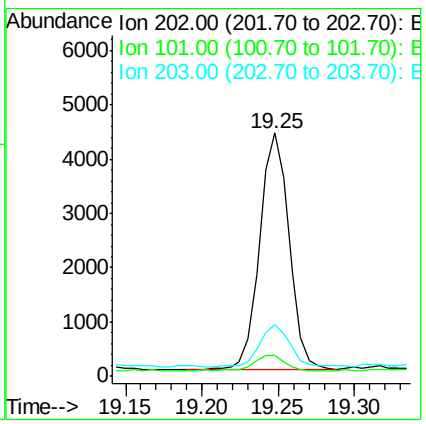


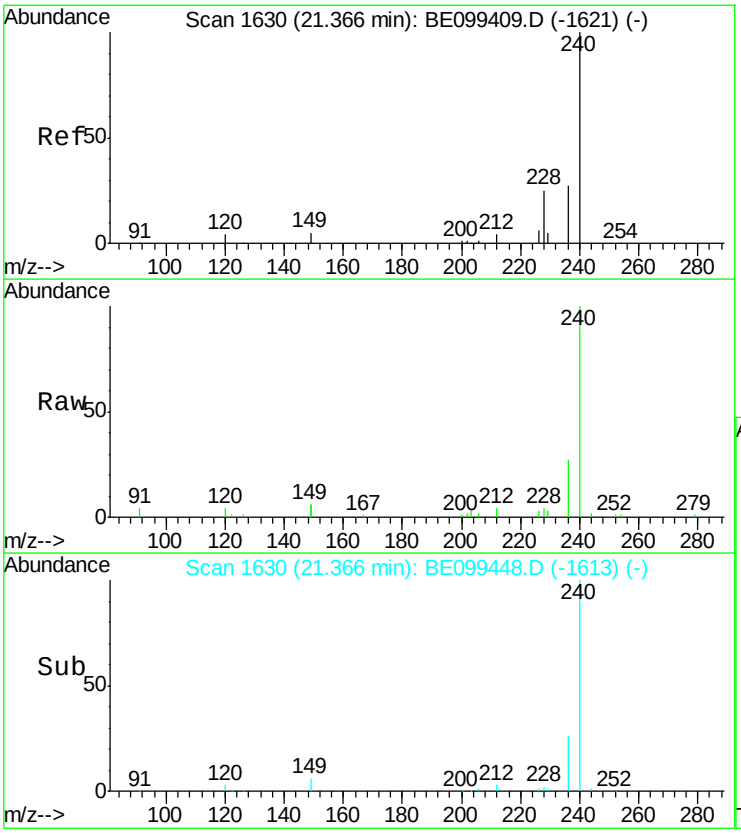
#26
Fluoranthene
Concen: 0.060 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:202 Resp: 5773

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.4	8.0
203	18.8	13.9	20.9

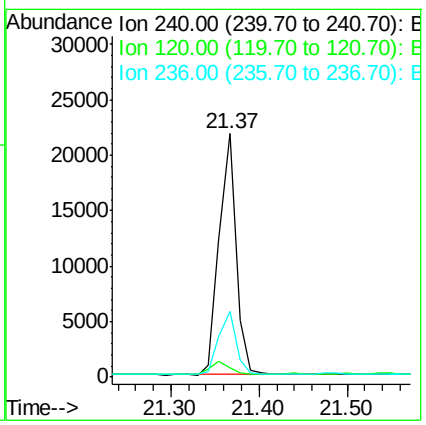


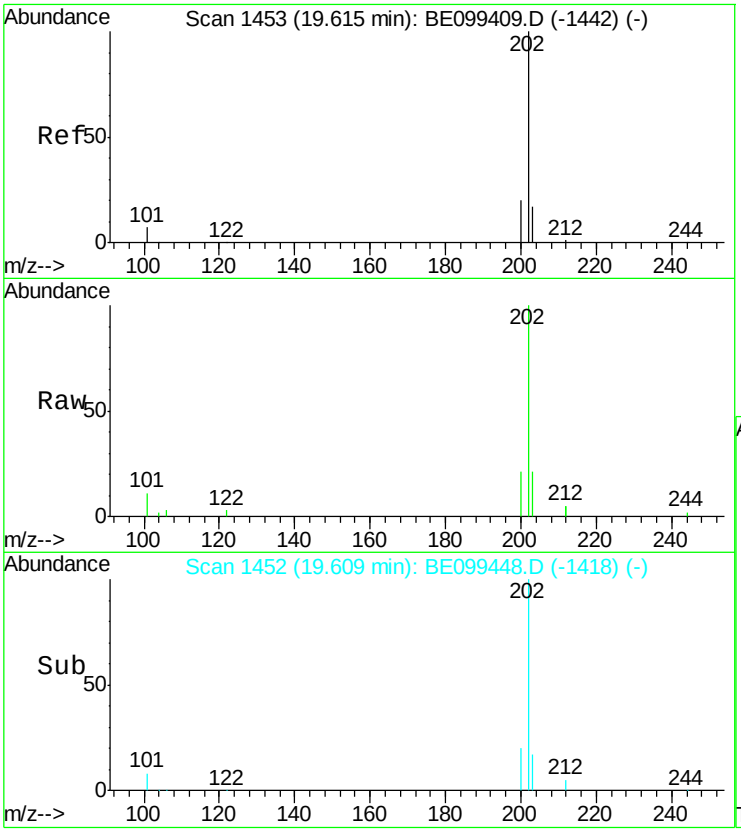


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:240 Resp: 29398

Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.0	6.0#
236	27.1	22.0	33.0



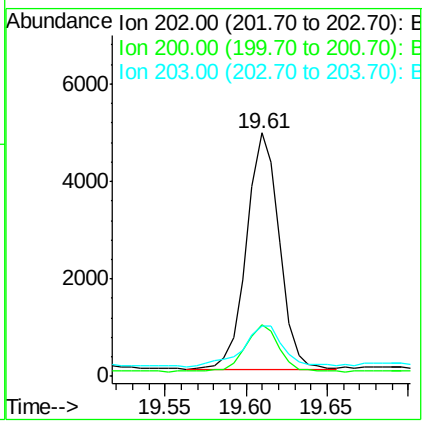


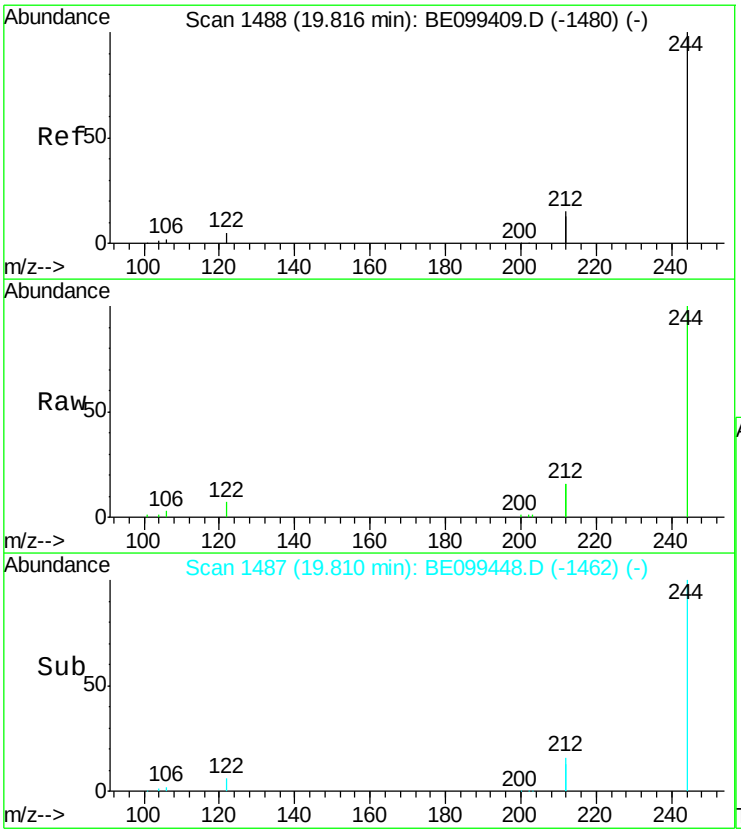
#28
Pyrene
Concen: 0.089 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:202 Resp: 6848

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.7	23.5
203	20.8	13.9	20.9

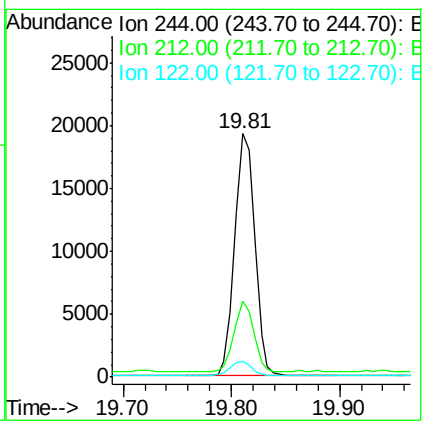


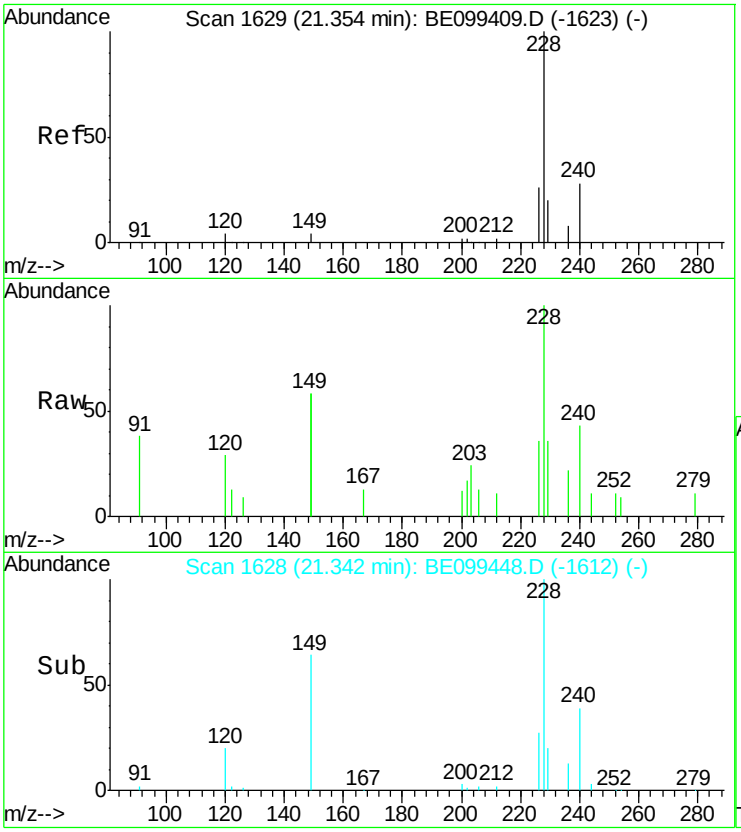


#29
Terphenyl-d14
Concen: 0.458 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:244 Resp: 24662

Ion	Ratio	Lower	Upper
244	100		
212	31.2	23.2	34.8
122	6.6	4.2	6.4#



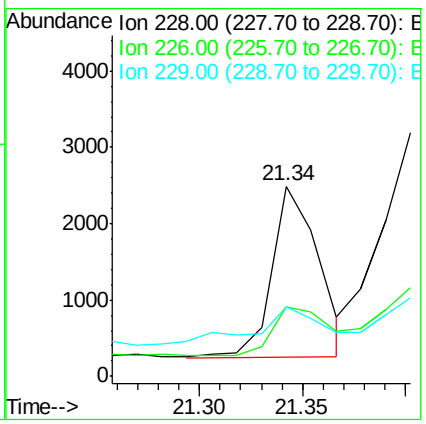


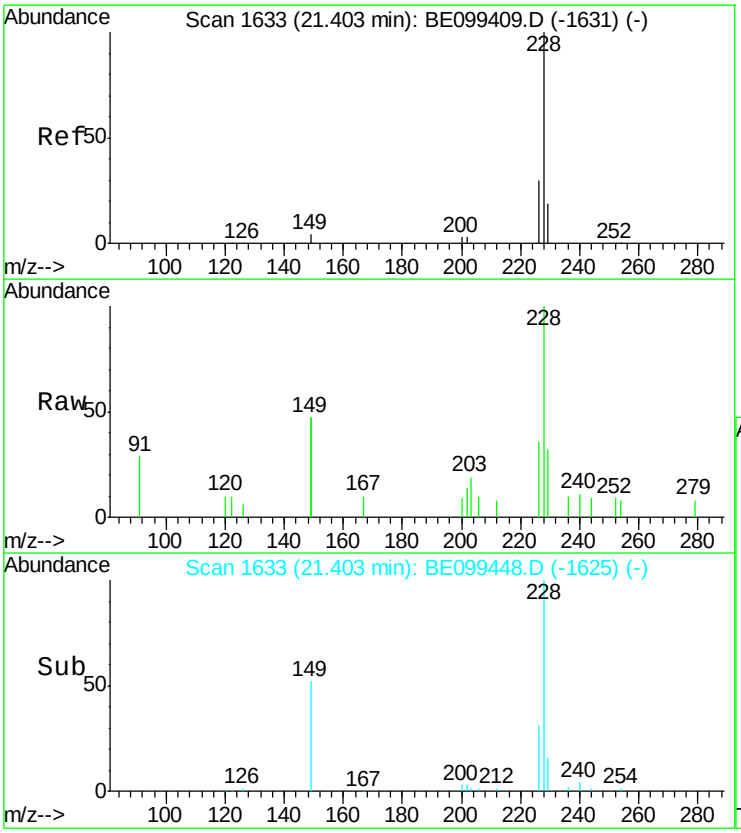
#30
Benzo(a)anthracene
Concen: 0.038 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:228 Resp: 3582

Ion	Ratio	Lower	Upper
228	100		
226	36.5	21.0	31.6#
229	36.2	16.6	25.0#

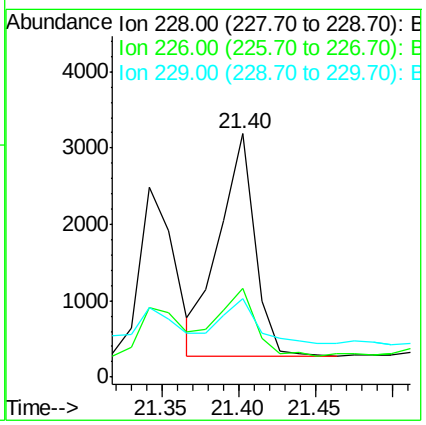


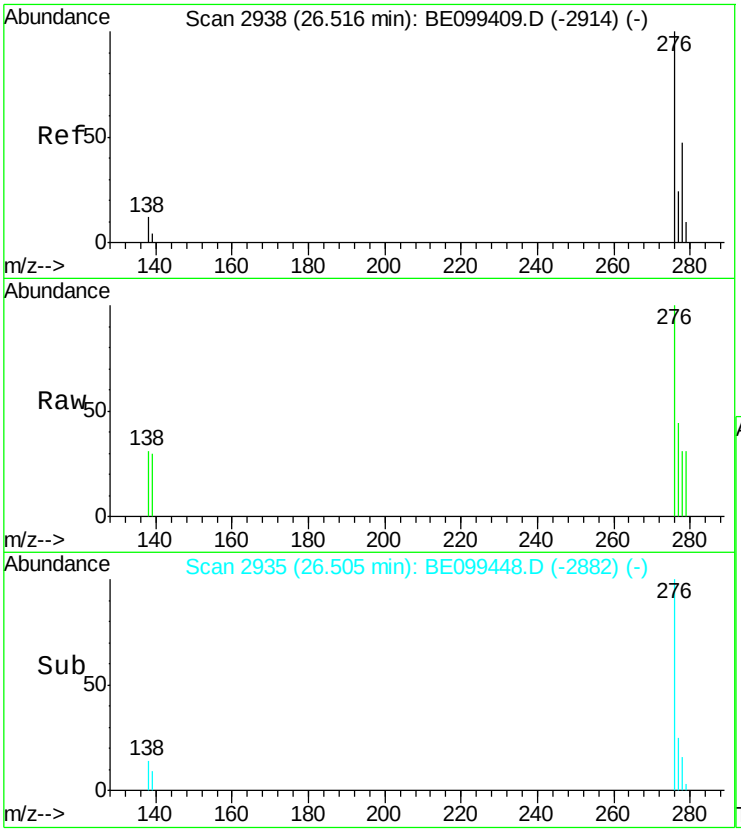


#31
Chrysene
Concen: 0.051 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:228 Resp: 4674

Ion	Ratio	Lower	Upper
228	100		
226	36.3	24.0	36.0#
229	32.5	15.8	23.8#



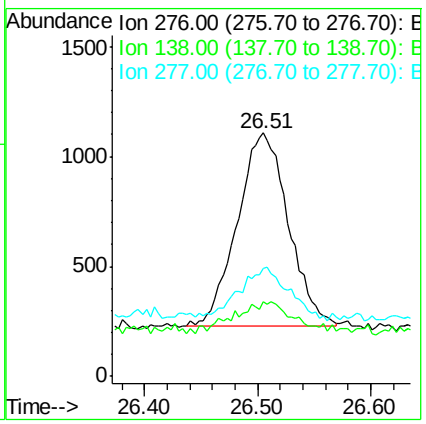


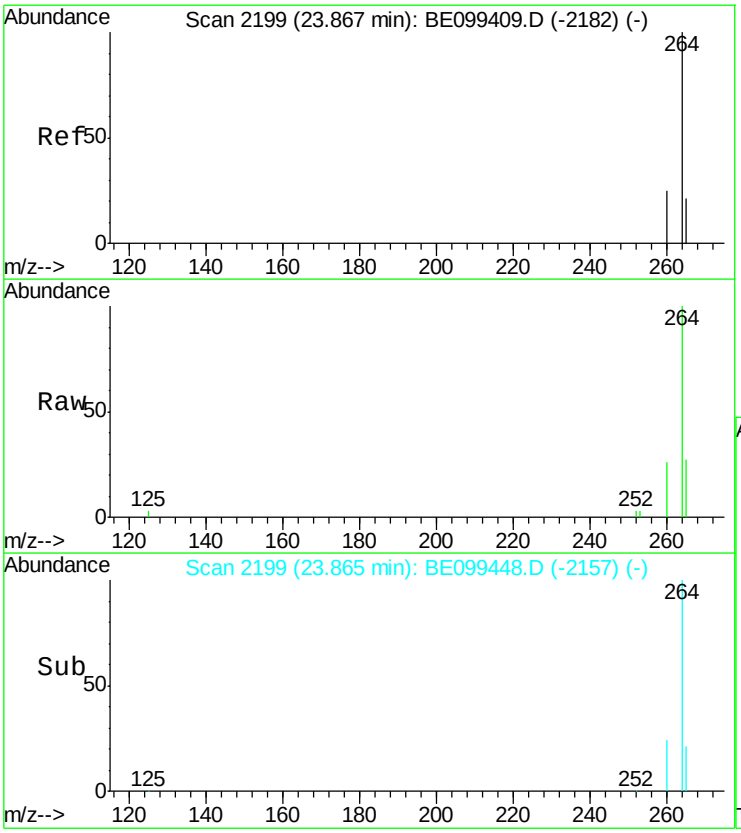
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 26.51 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:276 Resp: 2778

Ion	Ratio	Lower	Upper
276	100		
138	9.8	10.2	15.2#
277	27.4	19.2	28.8

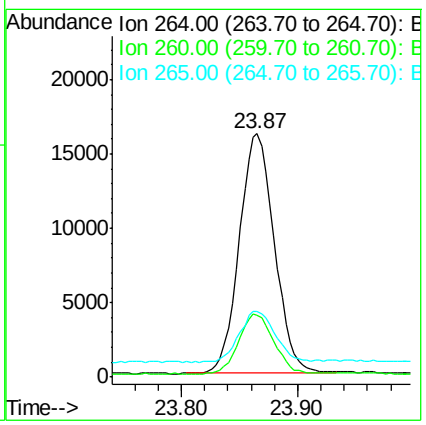


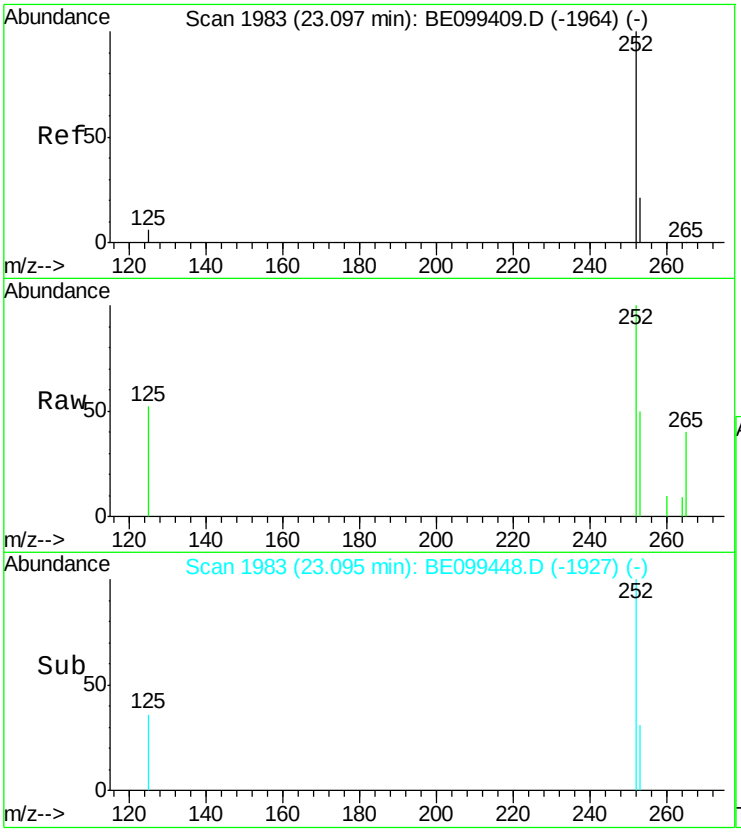


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:264 Resp: 33943

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.2
265	27.2	21.3	31.9



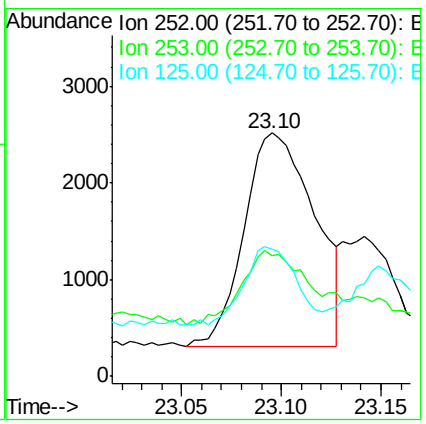


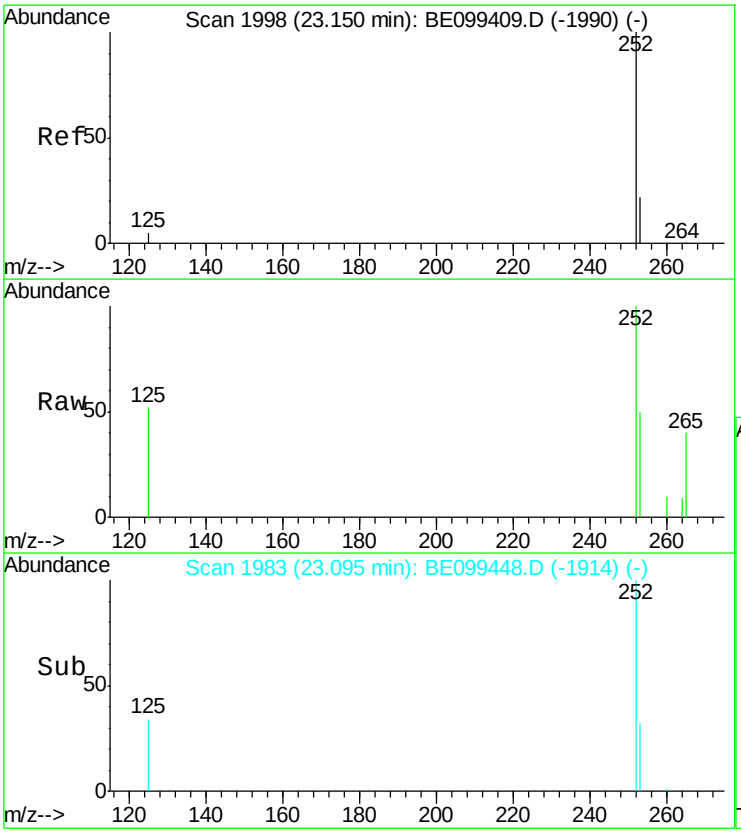
#35
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:252 Resp: 5414

Ion	Ratio	Lower	Upper
252	100		
253	49.5	18.1	27.1#
125	52.2	5.6	8.4#

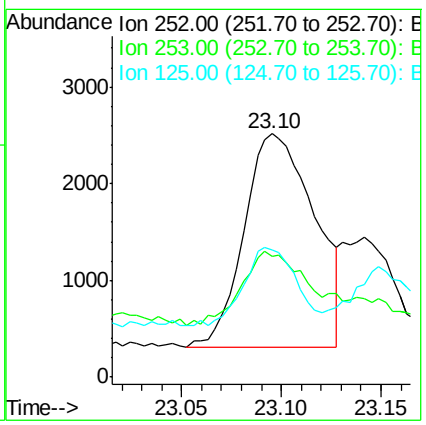


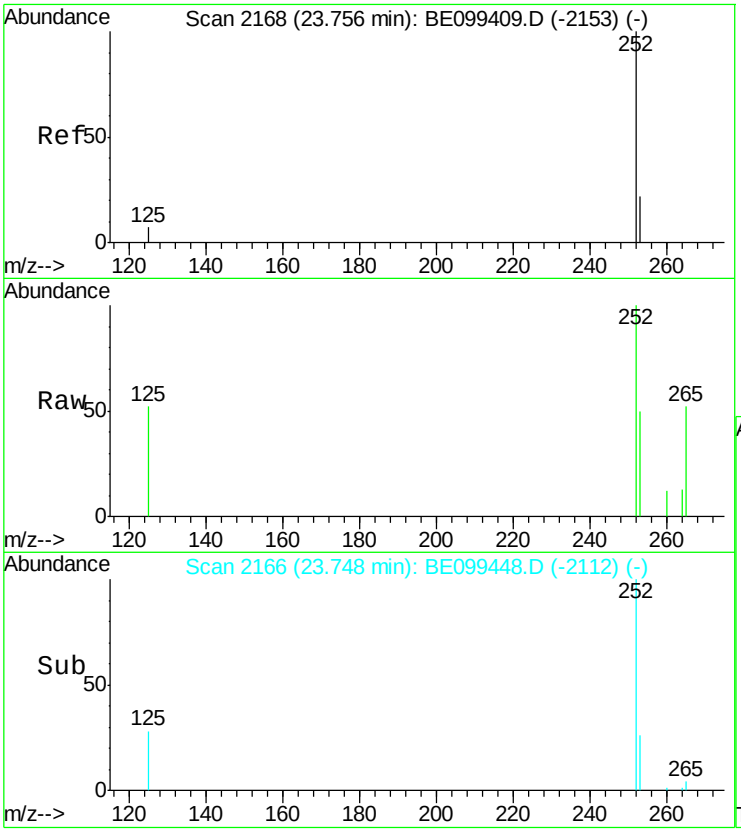


#36
Benzo(k)fluoranthene
Concen: 0.057 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.05 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:252 Resp: 5414

Ion	Ratio	Lower	Upper
252	100		
253	49.5	18.4	27.6#
125	52.2	5.0	7.4#



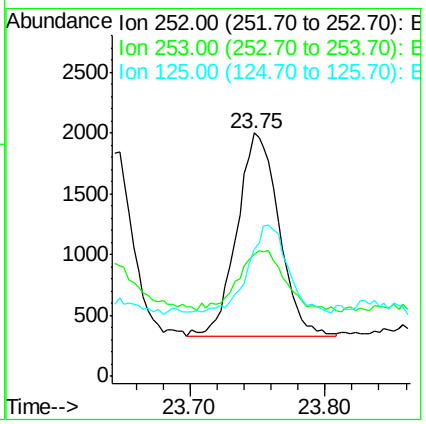


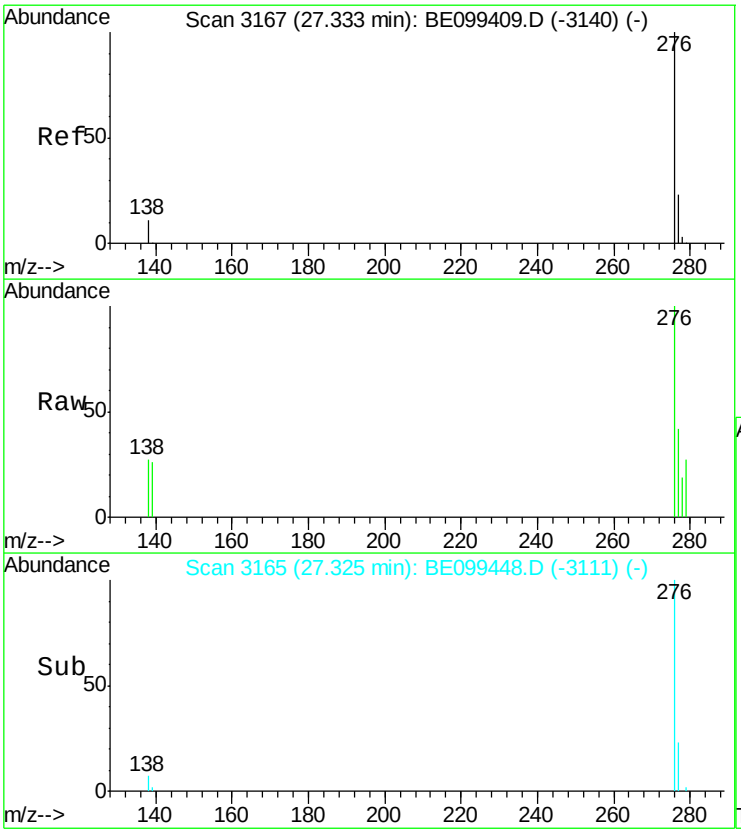
#37
Benzo(a)pyrene
Concen: 0.039 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW046-042219

Tgt Ion:252 Resp: 3621

Ion	Ratio	Lower	Upper
252	100		
253	50.3	18.9	28.3#
125	52.3	6.7	10.1#





#39
Benzo(g,h,i)perylene
Concen: 0.034 ng
RT: 27.33 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099448.D
Acq: 1 May 2019 4:50

Tgt Ion:276 Resp: 3203

Ion	Ratio	Lower	Upper
276	100		
277	41.6	19.5	29.3#
138	26.5	9.6	14.4#