Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099401.D
Acq On : 27 Apr 2019 5:31
Operator : JU/SJ
Sample : K2533-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-027-SW018-042219

Quant Time: Apr 29 00:57:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3131	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	12774	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	9286	0.40	ng		0.01
19) Phenanthrene-d10	17.20	188	26394	0.40	ng		0.01
27) Chrysene-d12	21.37	240	30167	0.40	ng		0.00
34) Perylene-d12	23.88	264	33986	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	3517	0.46	ng		0.01
5) Phenol-d6	6.98	99	4912	0.45	ng		0.00
8) Nitrobenzene-d5	8.98	82	4468	0.45	ng		0.01
11) 2-Methylnaphthalene-d10	12.21	152	8930	0.40	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	2402	0.78	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	13201	0.36	ng		0.00
25) Fluoranthene-d10	19.22	212	126041	0.40	ng		0.00
29) Terphenyl-d14	19.82	244	24668	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	205	0.047	ng	#	1
3) n-Nitrosodimethylamine	3.67	42	123	0.052	ng	#	5
22) Pentachlorophenol	16.87	266	21	0.224	ng	#	72
23) Phenanthrene	17.24	178	3355	0.048	ng		97
26) Fluoranthene	19.25	202	7584	0.081	ng		96
28) Pyrene	19.62	202	7600	0.086	ng	#	94
30) Benzo(a)anthracene	21.36	228	4500	0.051	ng	#	77
31) Chrysene	21.40	228	4493	0.048	ng	#	74
32) Bis(2-ethylhexyl)phthalate	21.27	149	23942	0.297	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.52	276	2495	0.027	ng	#	80
35) Benzo(b)fluoranthene	23.11	252	5735	0.055	ng	#	35
36) Benzo(k)fluoranthene	23.11	252	5735	0.055	ng	#	39
37) Benzo(a)pyrene	23.76	252	3837	0.041	ng	#	20

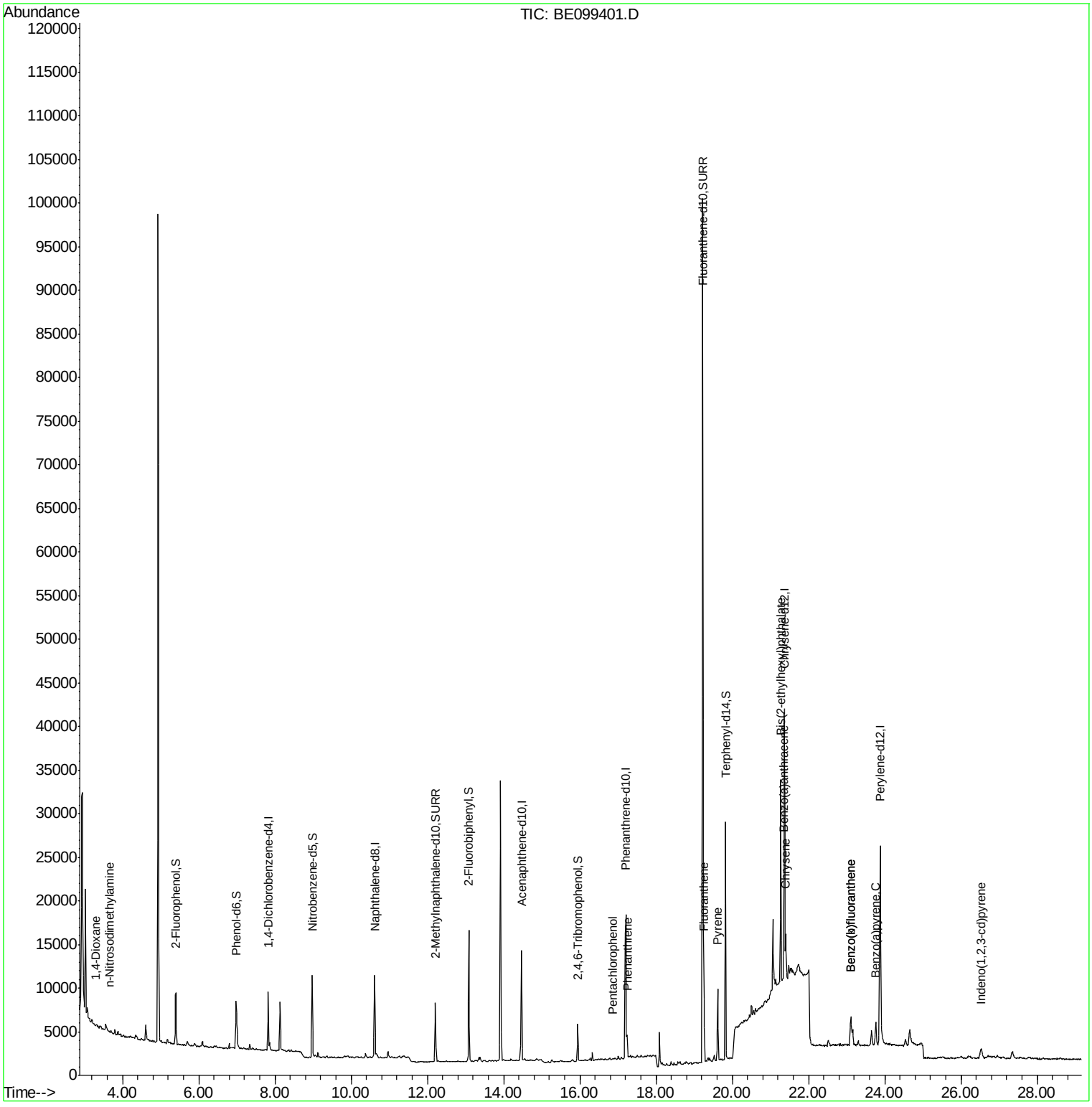
(#) = qualifier out of range (m) = manual integration (+) = signals summed

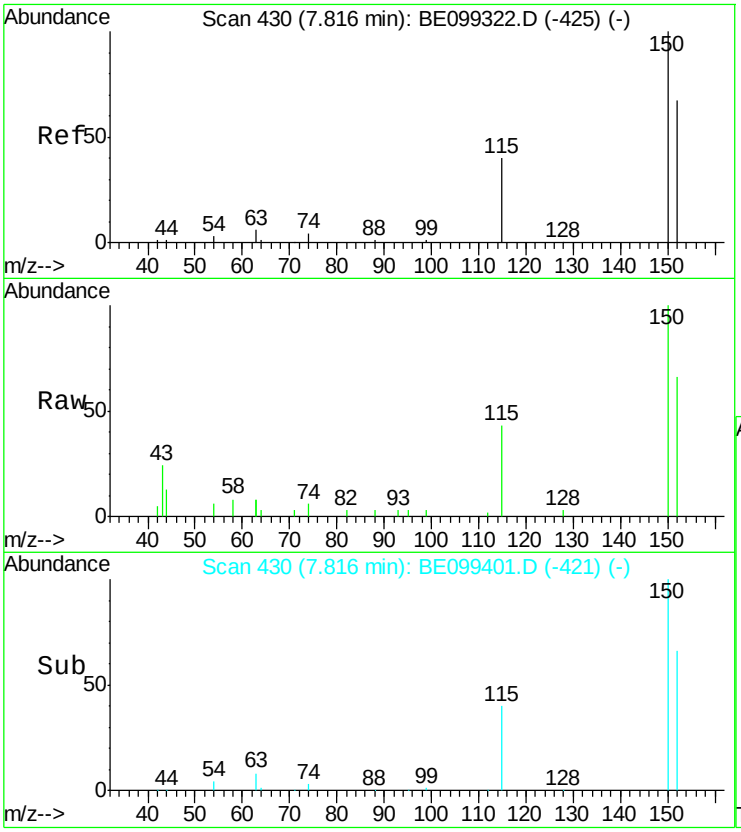
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099401.D
Acq On : 27 Apr 2019 5:31
Operator : JU/SJ
Sample : K2533-20
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Quant Time: Apr 29 00:57:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



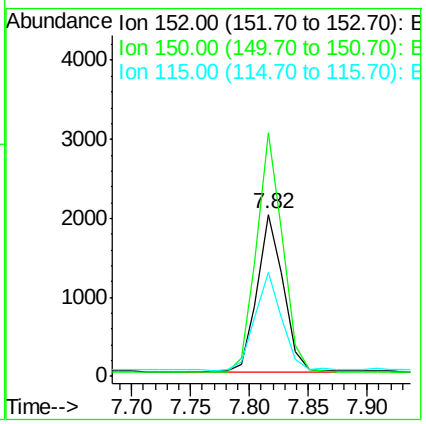


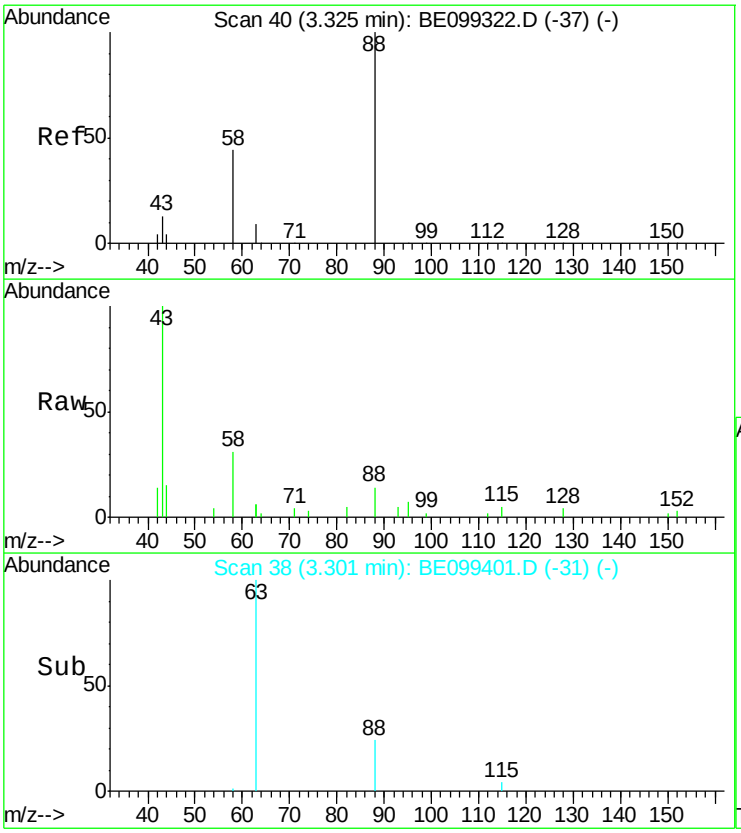
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:152 Resp: 3131

Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	64.1	47.5	71.3

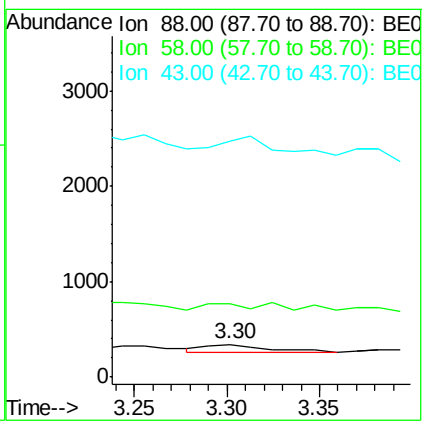


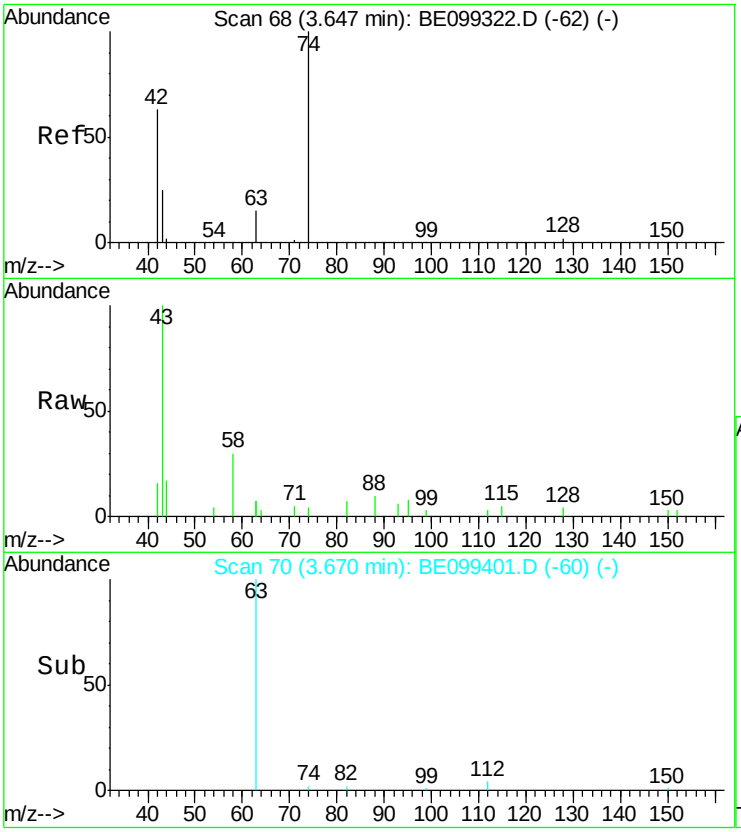


#2
1,4-Dioxane
Concen: 0.047 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.02 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion: 88 Resp: 205

Ion	Ratio	Lower	Upper
88	100		
58	46.3	49.1	73.7#
43	201.5	17.9	26.9#



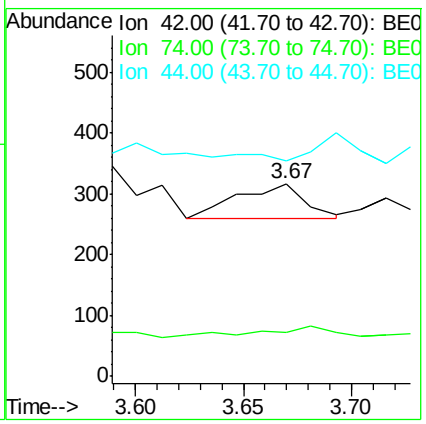


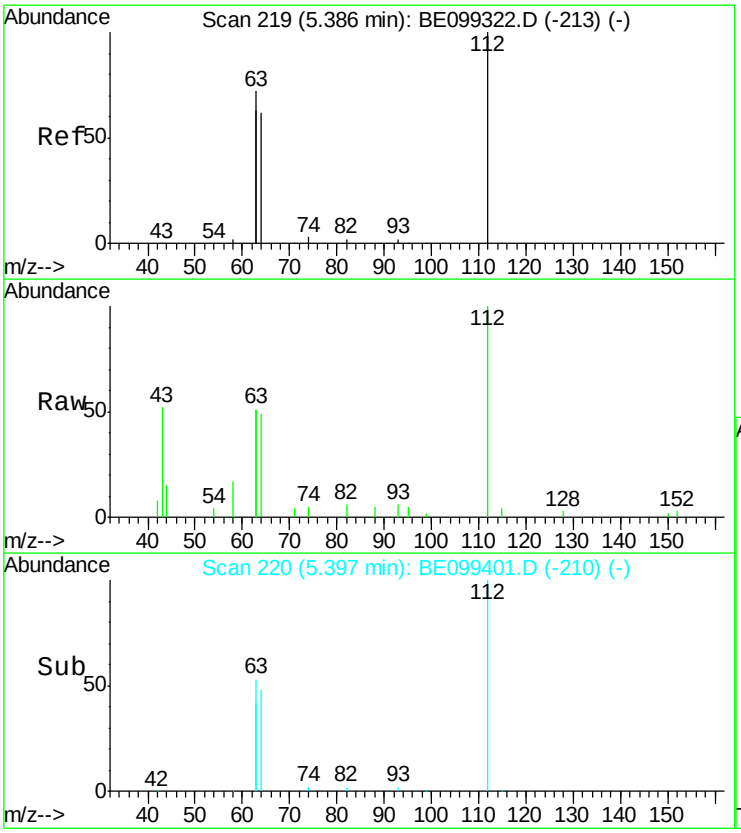
#3
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion: 42 Resp: 123

Ion	Ratio	Lower	Upper
42	100		
74	40.7	145.8	218.8#
44	0.0	9.0	13.4#

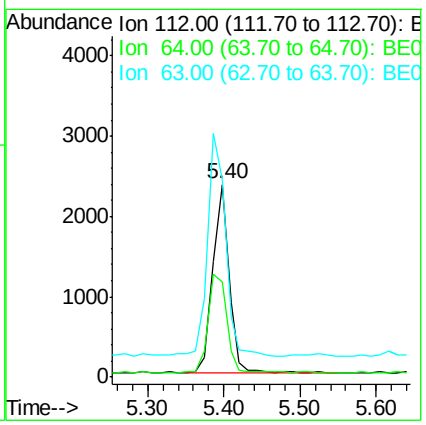


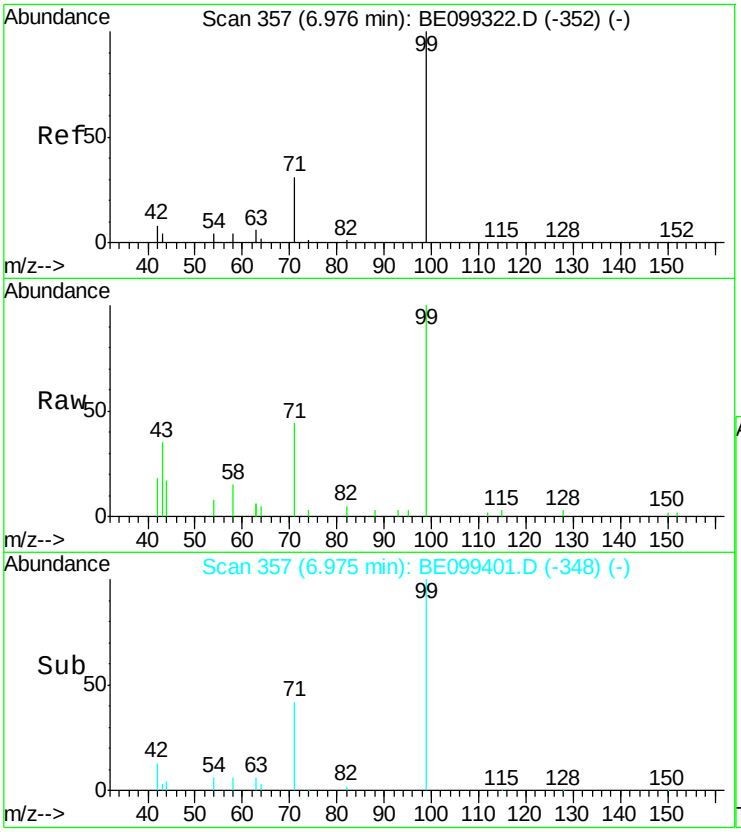


#4
2-Fluorophenol
Concen: 0.460 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:112 Resp: 3517

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.9	67.3
63	128.7	97.4	146.0



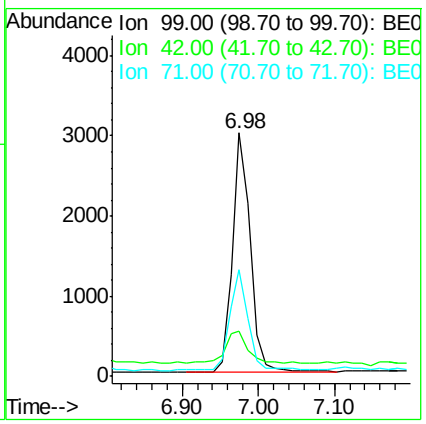


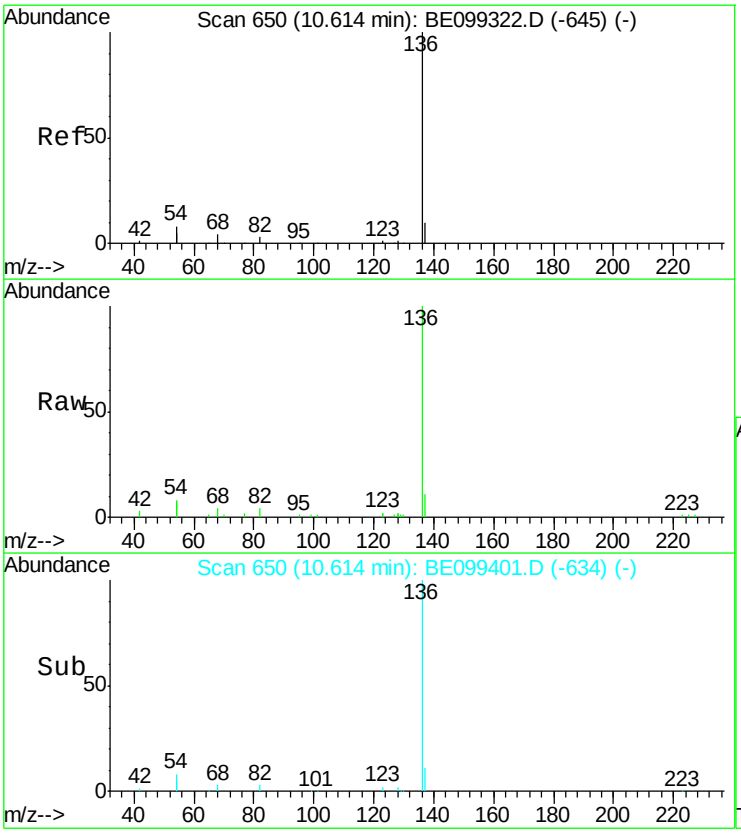
#5
Phenol-d6
Concen: 0.450 ng
RT: 6.98 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion: 99 Resp: 4912

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.7	17.5
71	43.6	29.6	44.4

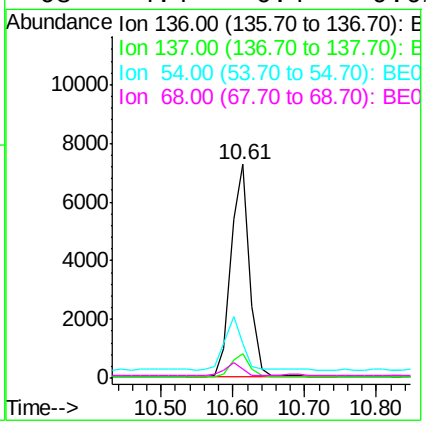


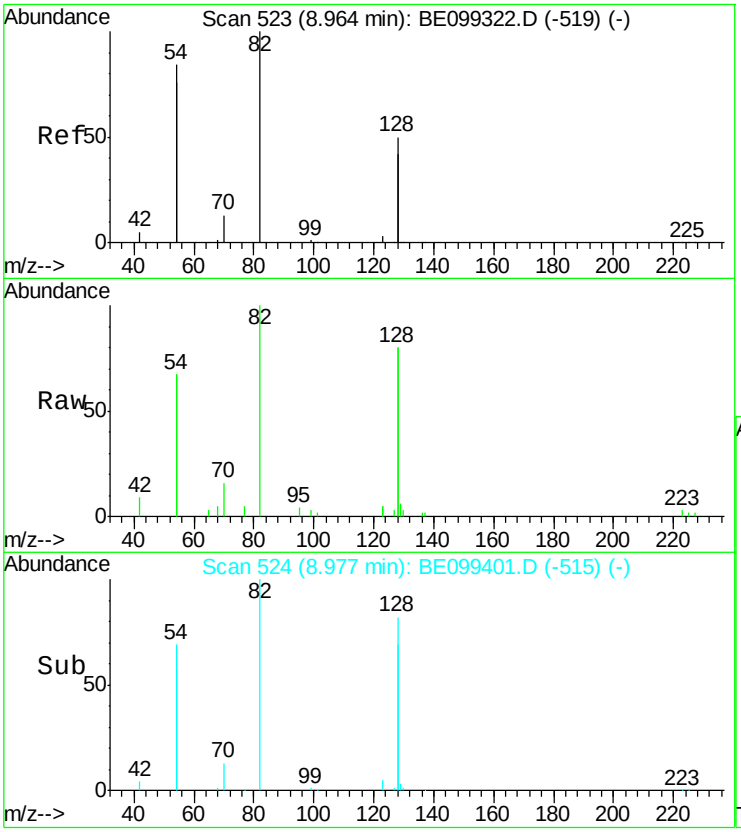


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:136 Resp: 12774

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	16.1	23.8	35.8#
68	4.4	6.4	9.6#



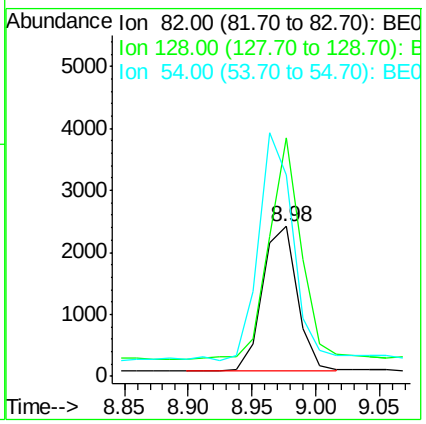


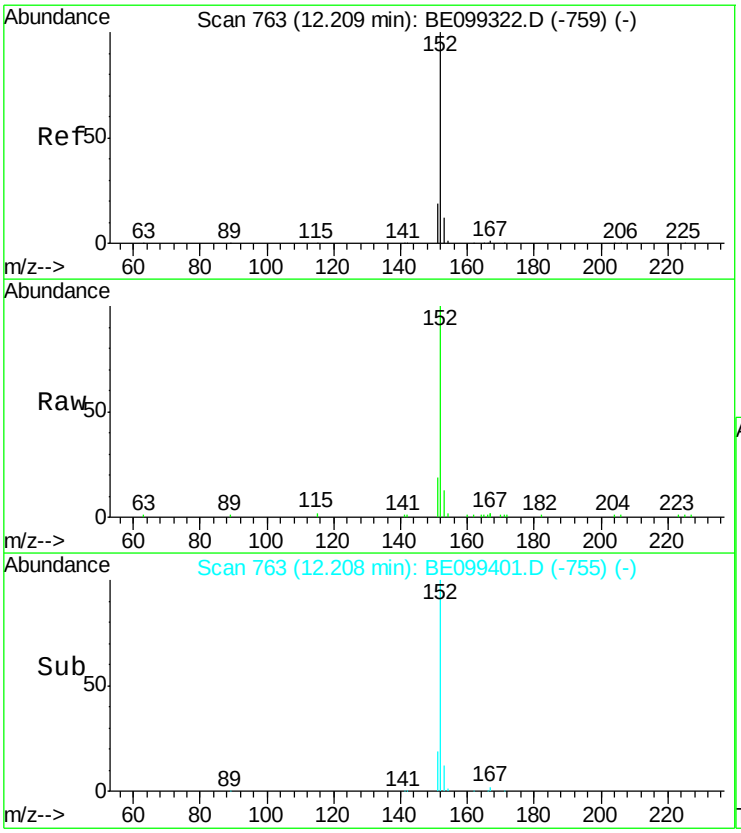
#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion: 82 Resp: 4468

Ion	Ratio	Lower	Upper
82	100		
128	159.1	91.7	137.5#
54	134.2	122.8	184.2

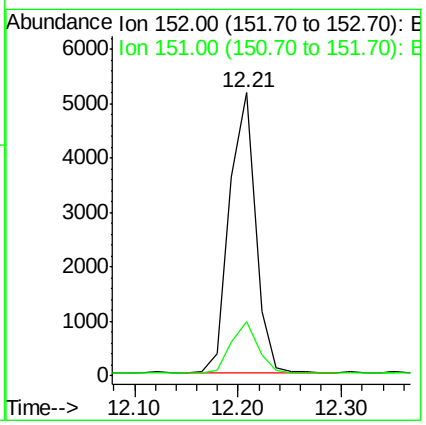


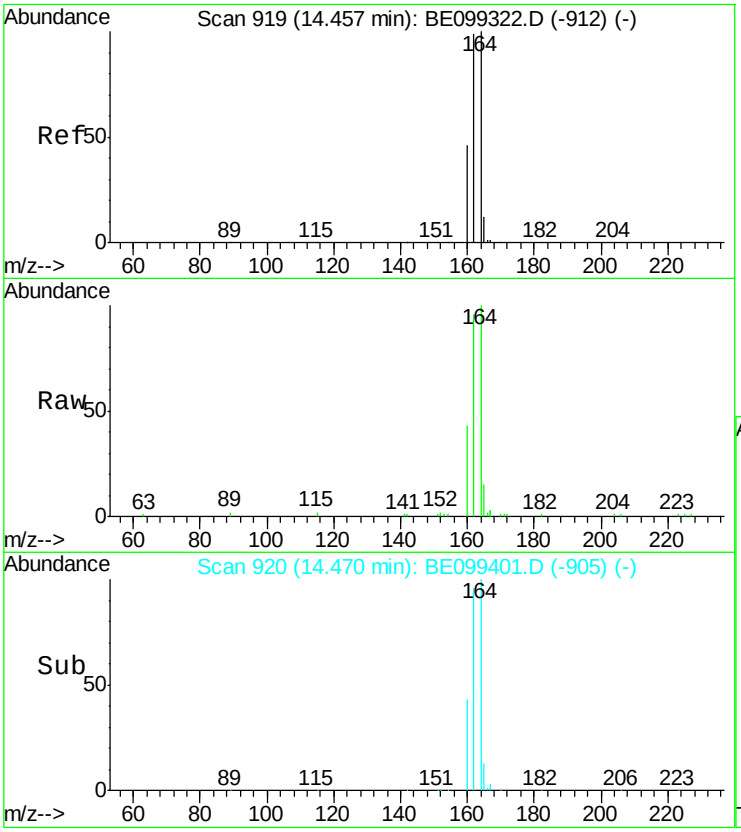


#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:152 Resp: 8930

Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.9	22.3



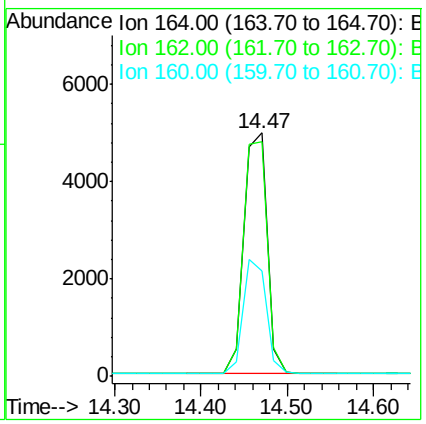


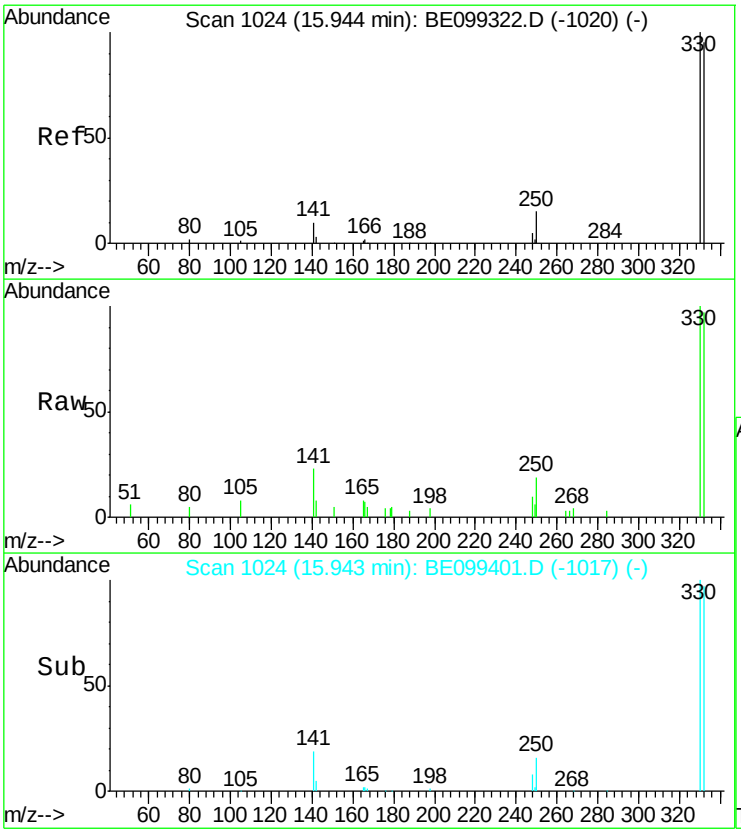
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:164 Resp: 9286

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.8	116.6
160	43.4	37.1	55.7

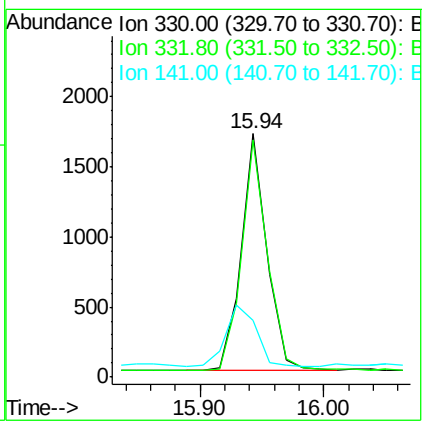


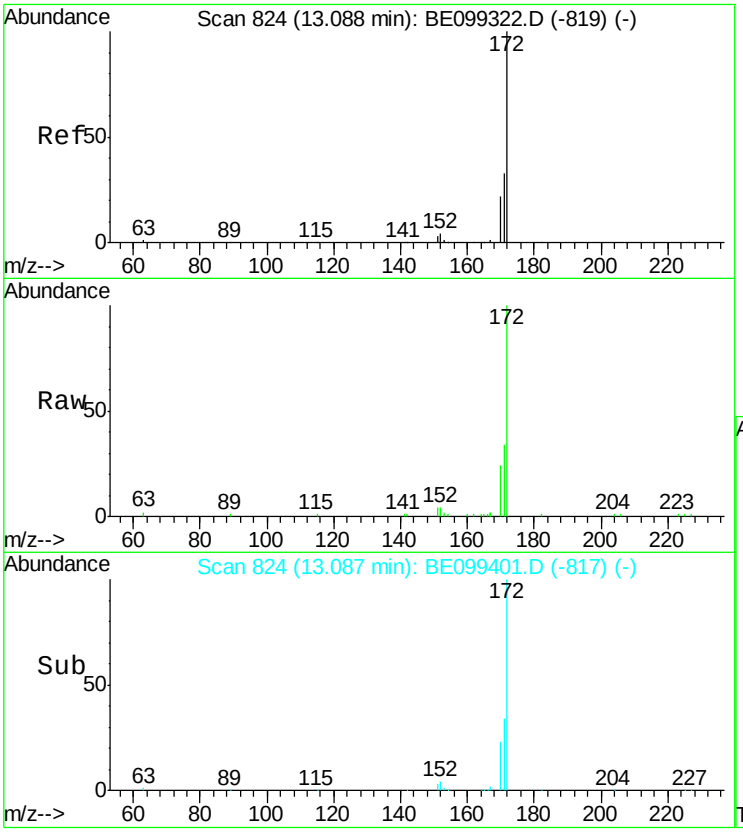


#14
2,4,6-Tribromophenol
Concen: 0.779 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:330 Resp: 2402

Ion	Ratio	Lower	Upper
330	100		
332	98.4	82.5	123.7
141	31.0	24.9	37.3



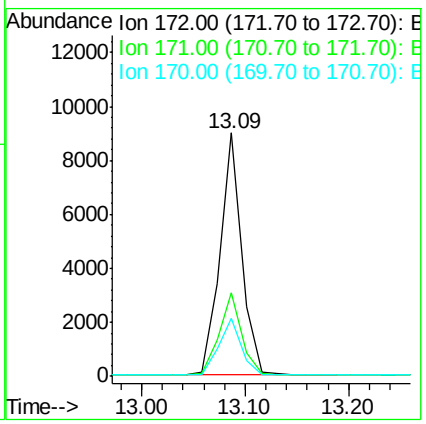


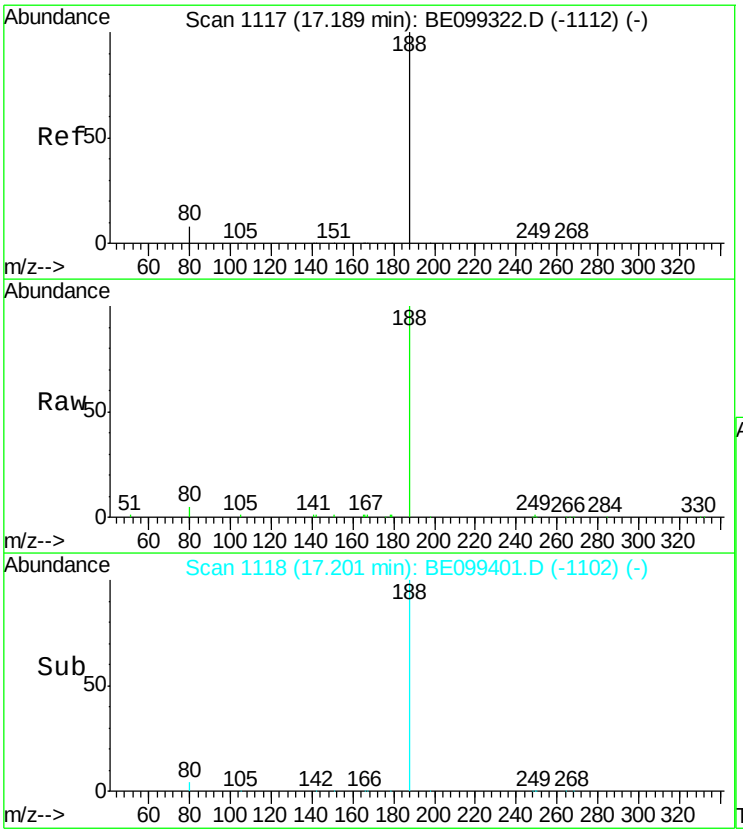
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:172 Resp: 13201

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.2	39.2
170	23.7	18.1	27.1

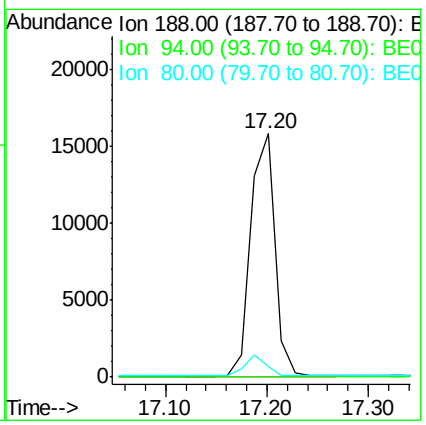


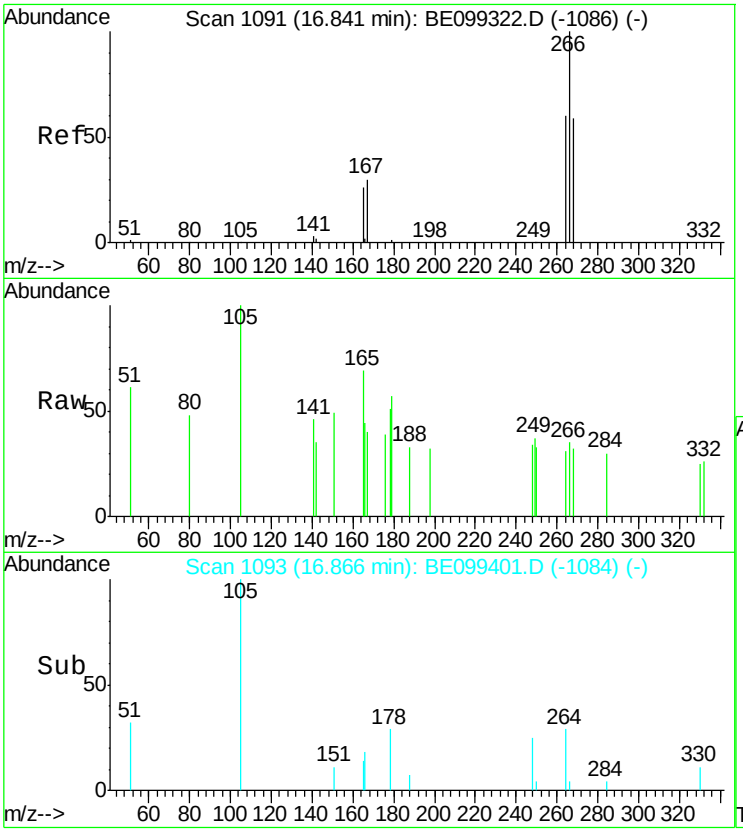


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:188 Resp: 26394

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.6	6.2	9.4#



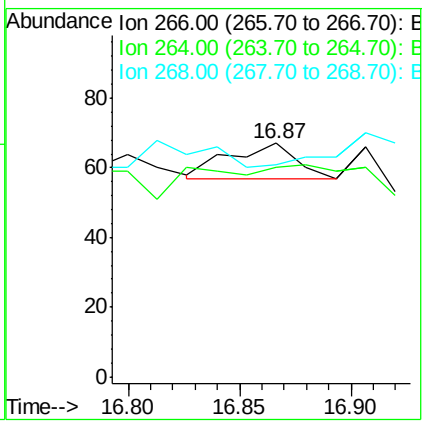


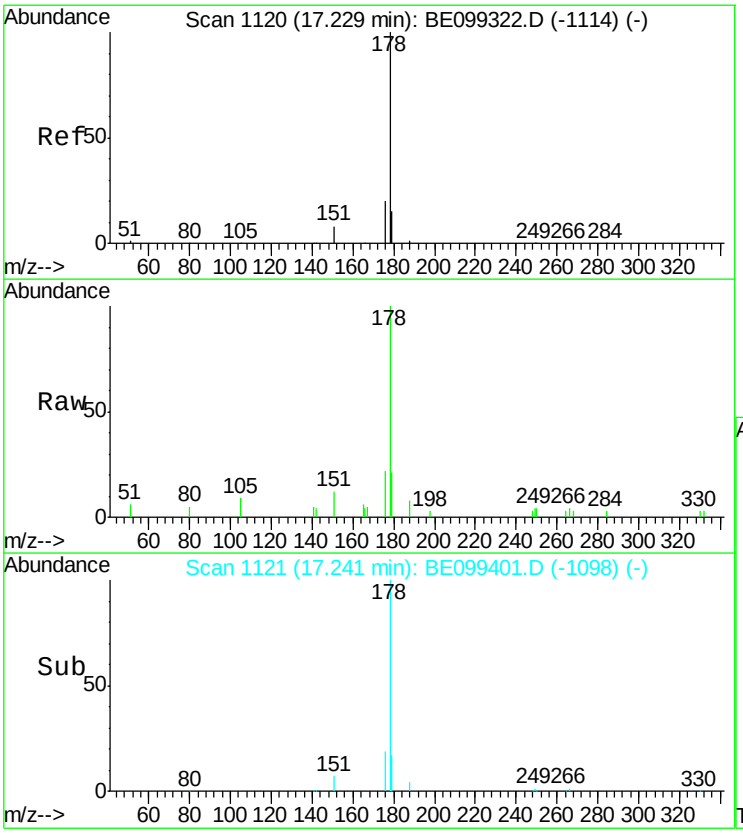
#22
Pentachlorophenol
Concen: 0.224 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.03 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:266 Resp: 21

Ion	Ratio	Lower	Upper
266	100		
264	89.6	54.5	81.7#
268	91.0	54.3	81.5#

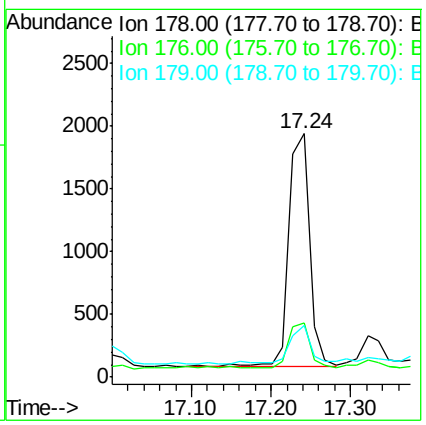


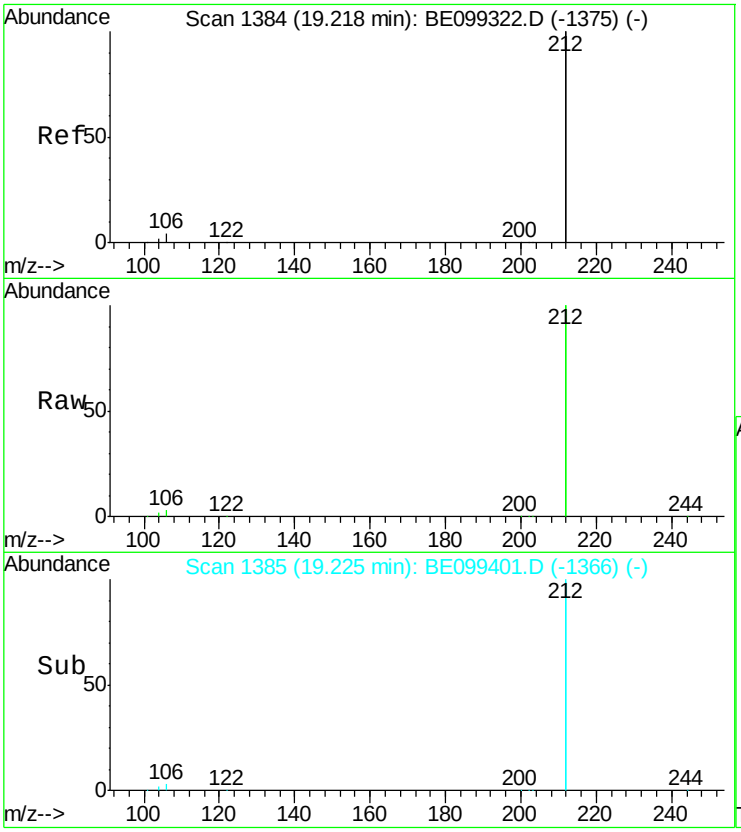


#23
Phenanthrene
Concen: 0.048 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:178 Resp: 3355

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	17.7	12.4	18.6



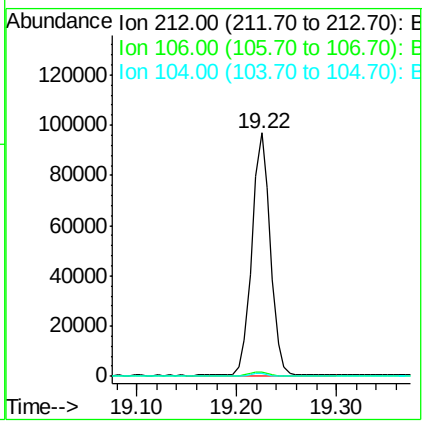


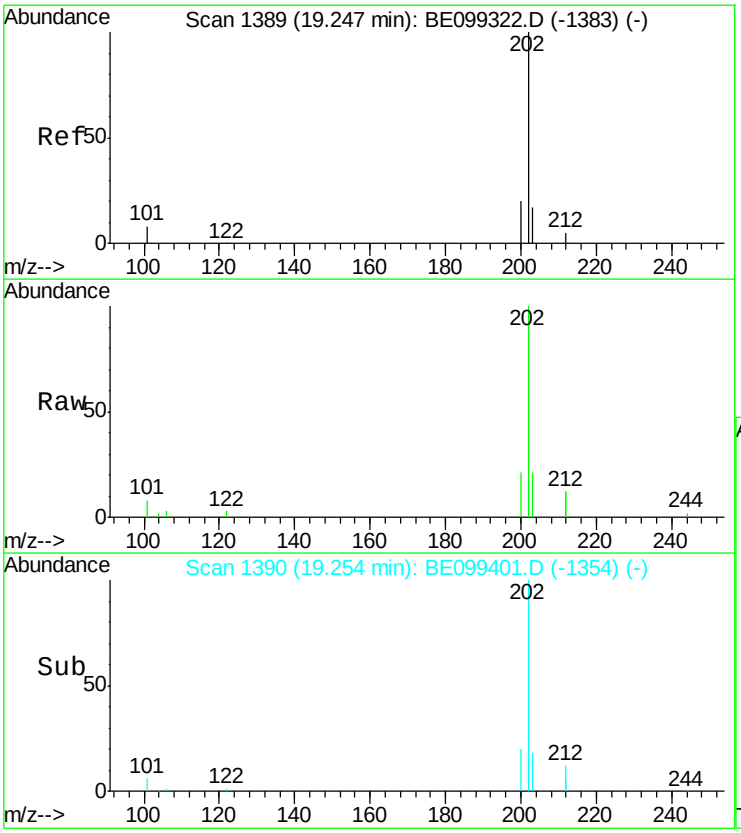
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:212 Resp: 126041

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.8	2.6
104	1.1	1.0	1.4

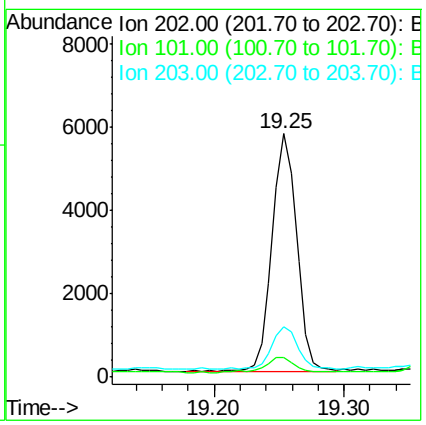


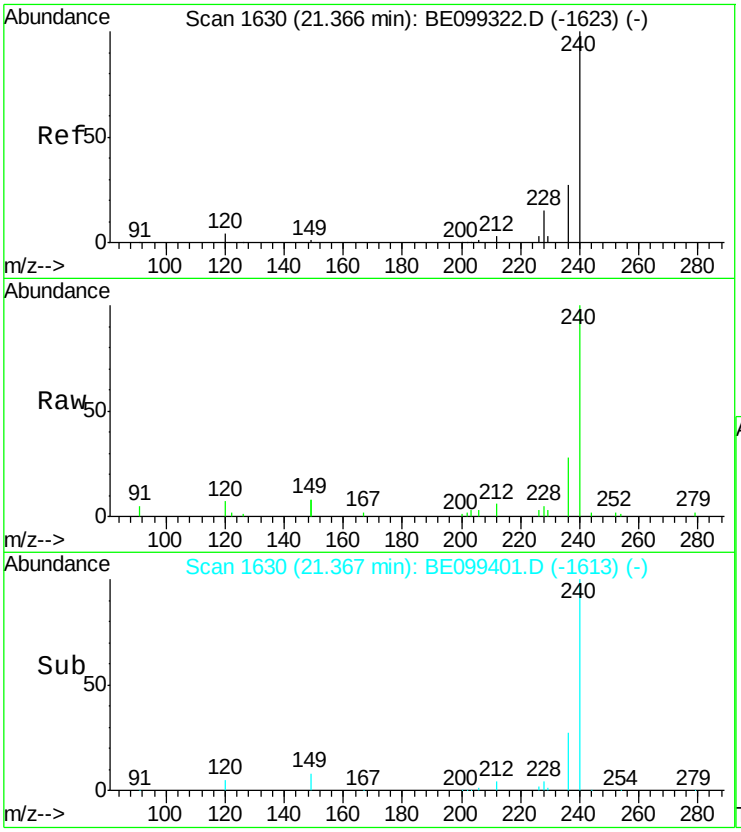


#26
Fluoranthene
Concen: 0.081 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:202 Resp: 7584

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.4	9.6
203	18.9	13.5	20.3



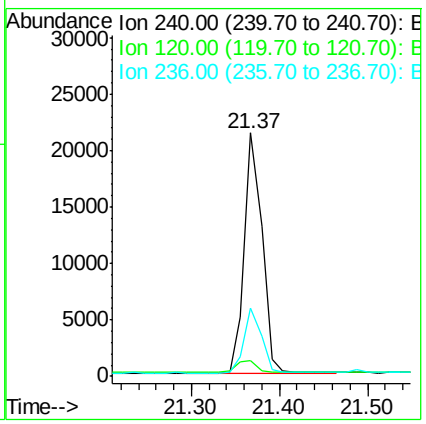


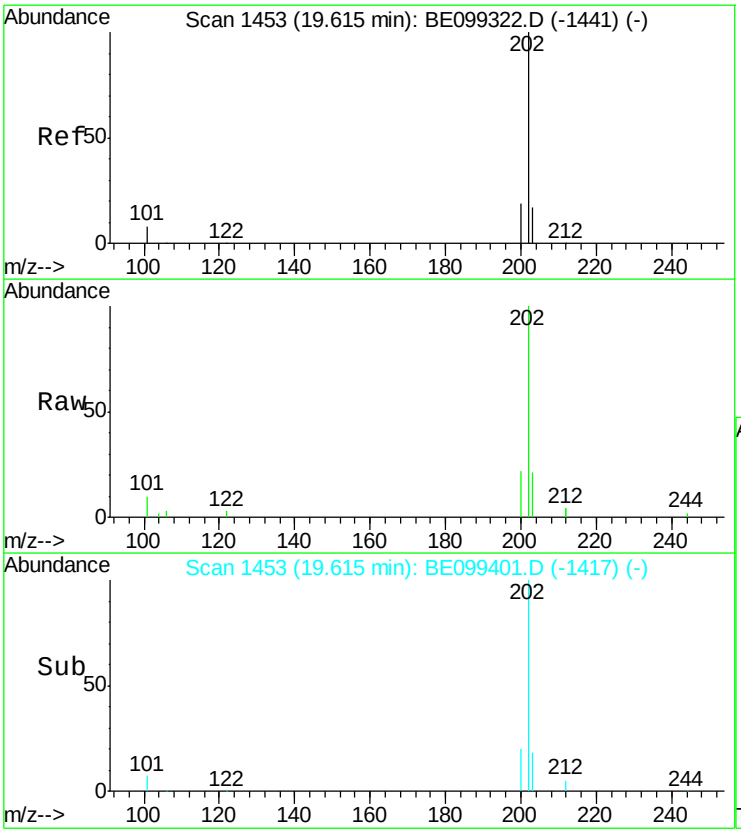
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:240 Resp: 30167

Ion	Ratio	Lower	Upper
240	100		
120	6.5	2.2	3.2#
236	28.2	20.2	30.4

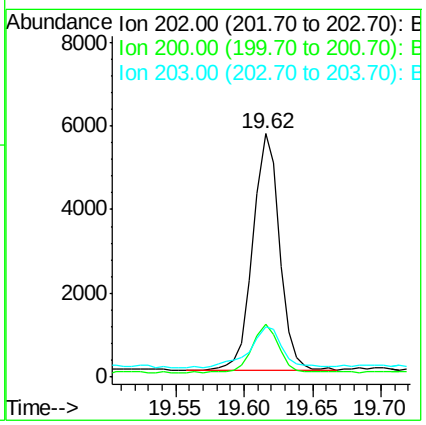


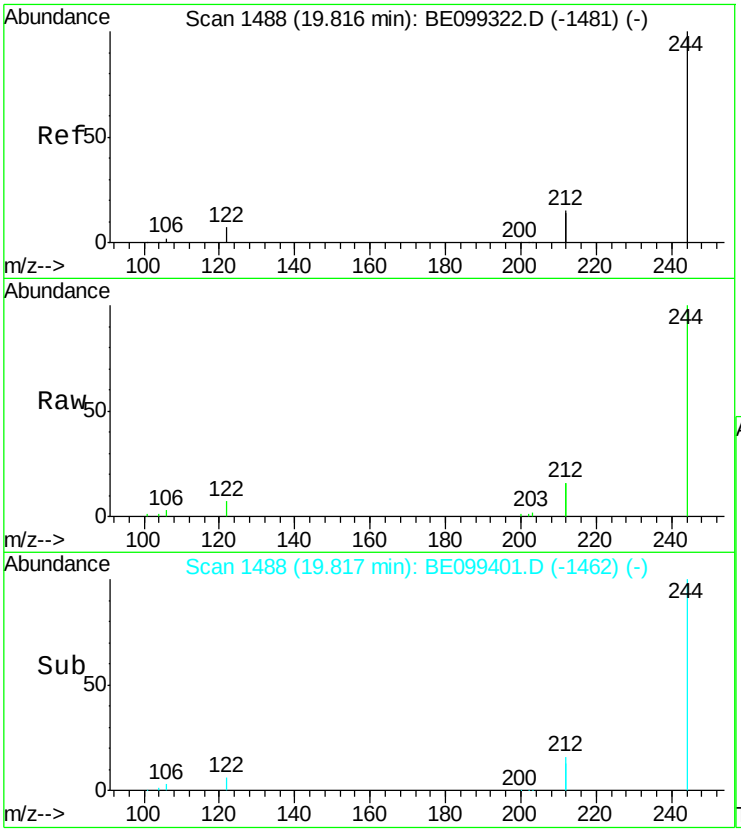


#28
Pyrene
Concen: 0.086 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:202 Resp: 7600

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.7	23.5
203	22.1	13.7	20.5#



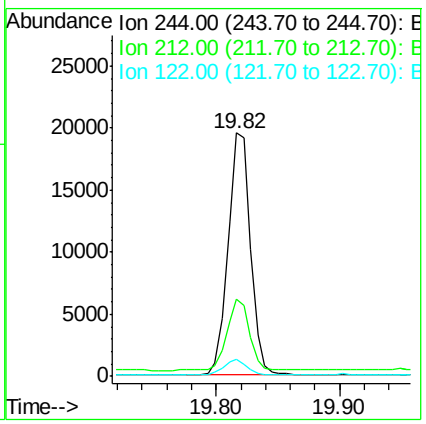


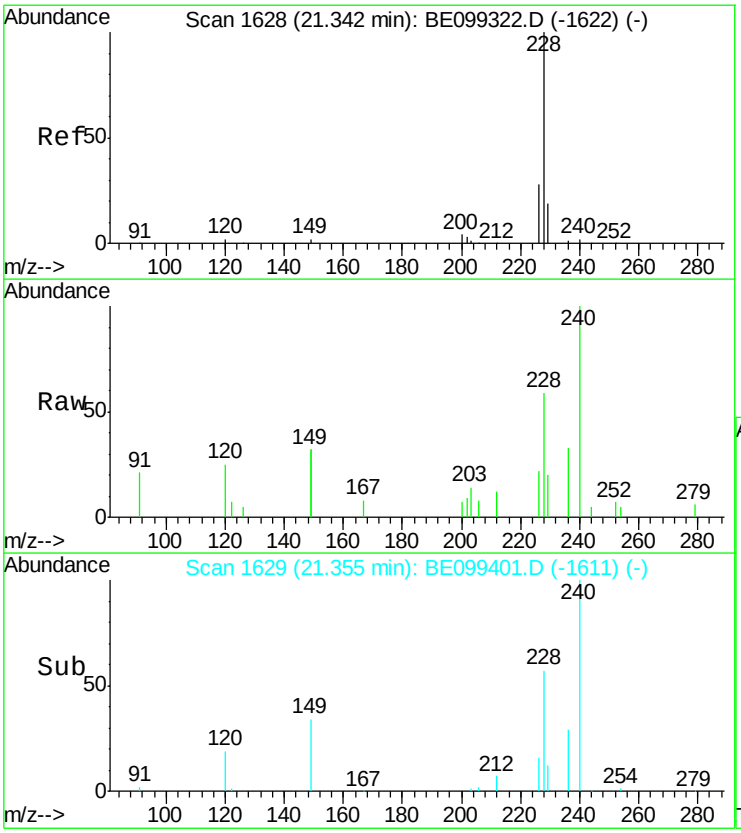
#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:244 Resp: 24668

Ion	Ratio	Lower	Upper
244	100		
212	31.8	22.6	33.8
122	7.0	4.6	7.0#

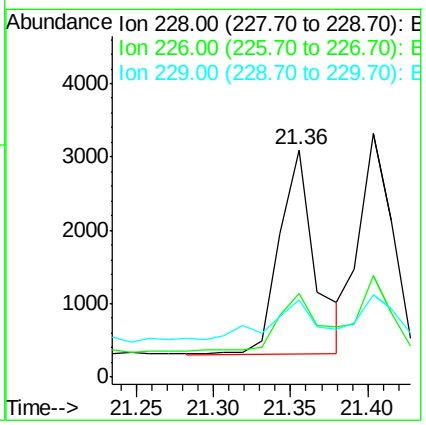


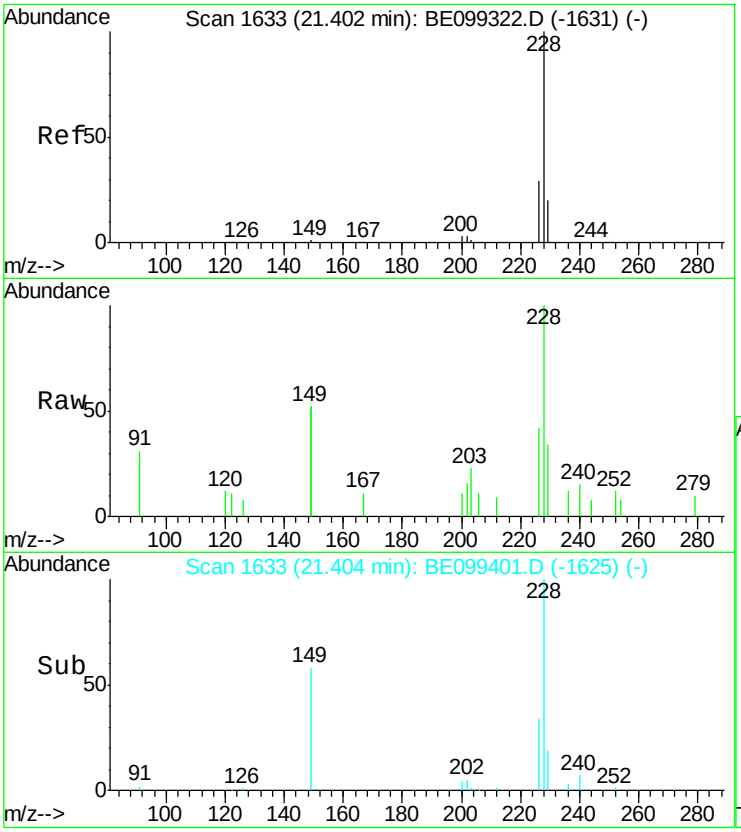


#30
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.36 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:228 Resp: 4500

Ion	Ratio	Lower	Upper
228	100		
226	36.9	22.0	33.0#
229	33.9	15.8	23.8#



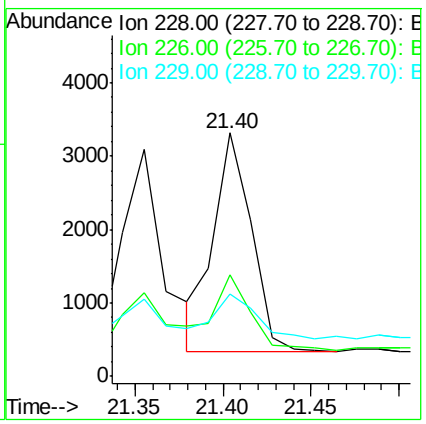


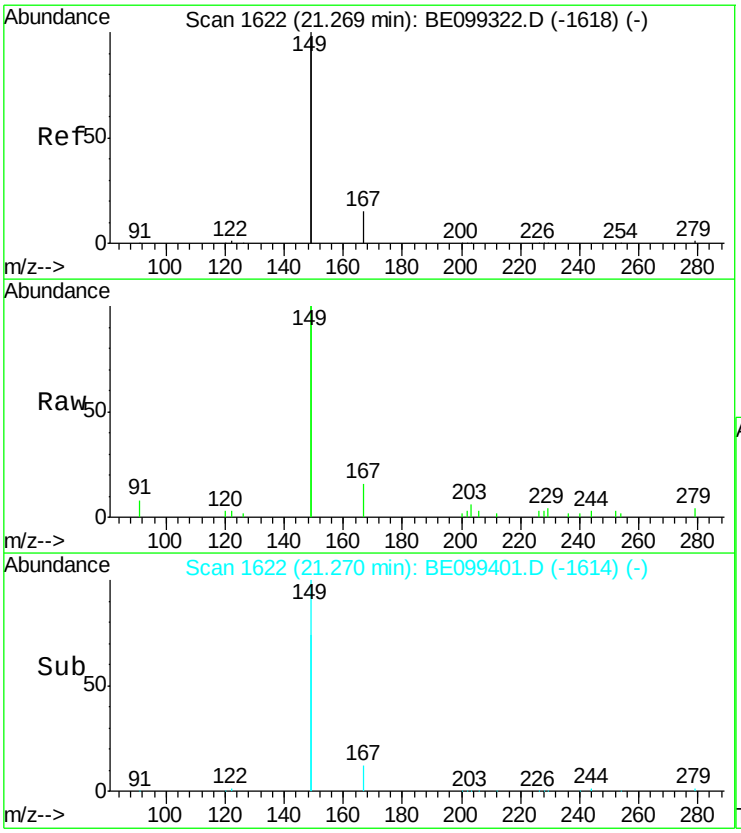
#31
Chrysene
Concen: 0.048 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:228 Resp: 4493

Ion	Ratio	Lower	Upper
228	100		
226	41.9	23.4	35.2#
229	33.7	16.2	24.2#

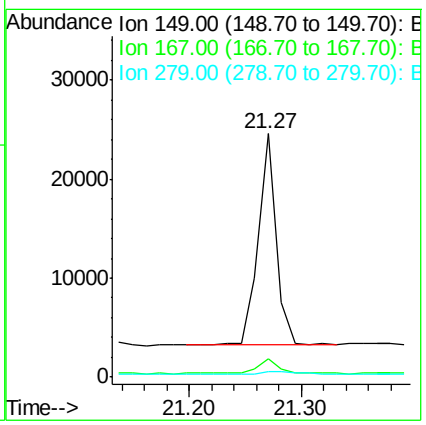


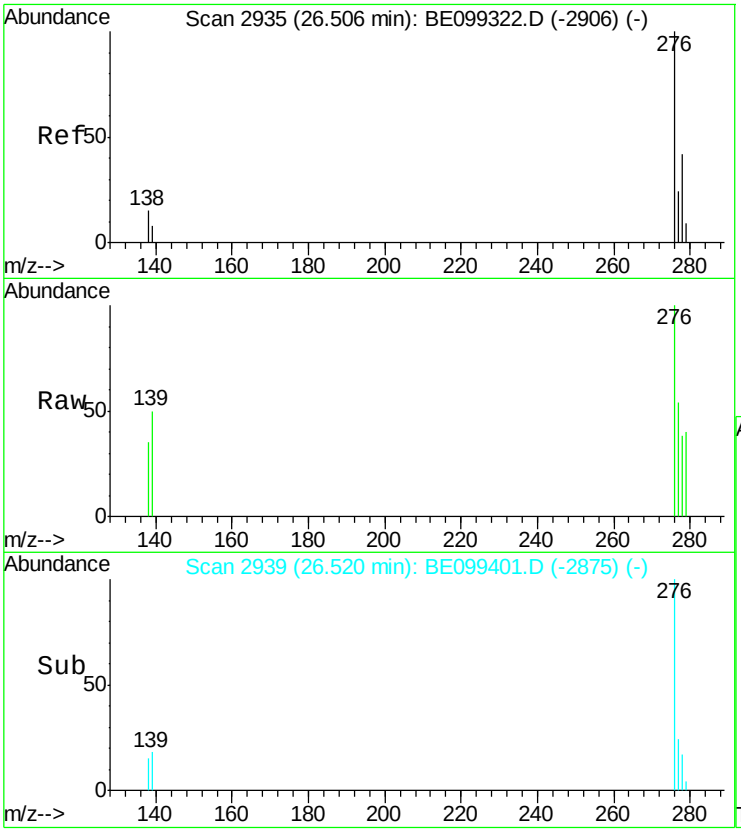


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.297 ng
RT: 21.27 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:149 Resp: 23942

Ion	Ratio	Lower	Upper
149	100		
167	8.2	6.0	9.0
279	1.7	1.1	1.7#



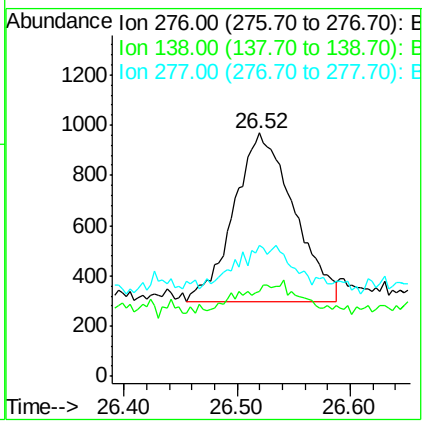


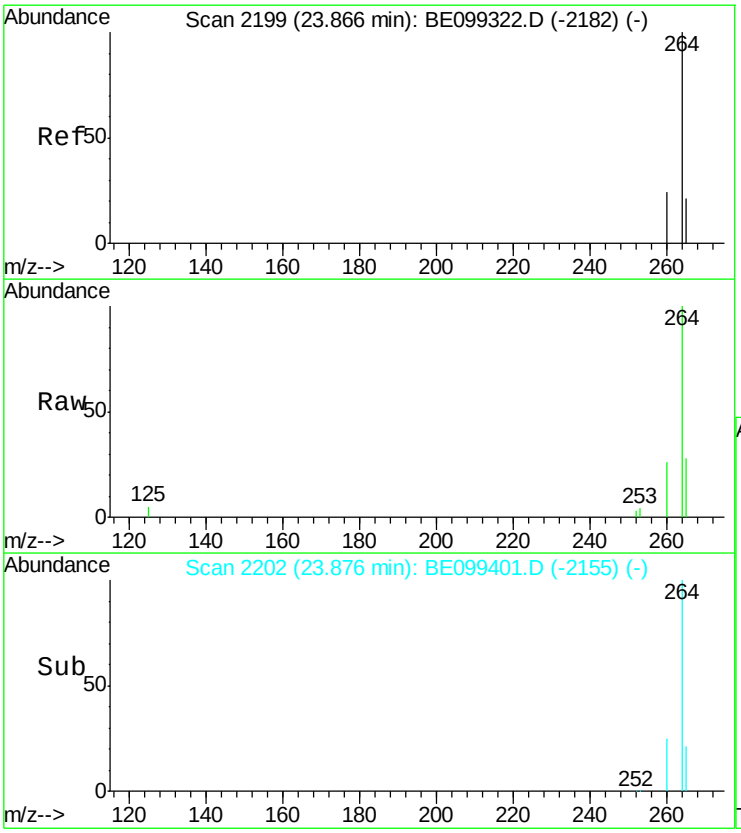
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.03 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:276 Resp: 2495

Ion	Ratio	Lower	Upper
276	100		
138	8.1	12.7	19.1#
277	13.8	19.6	29.4#

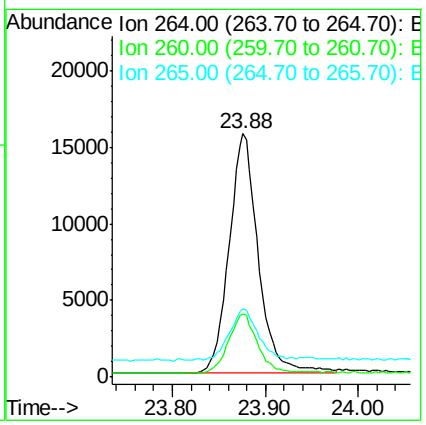


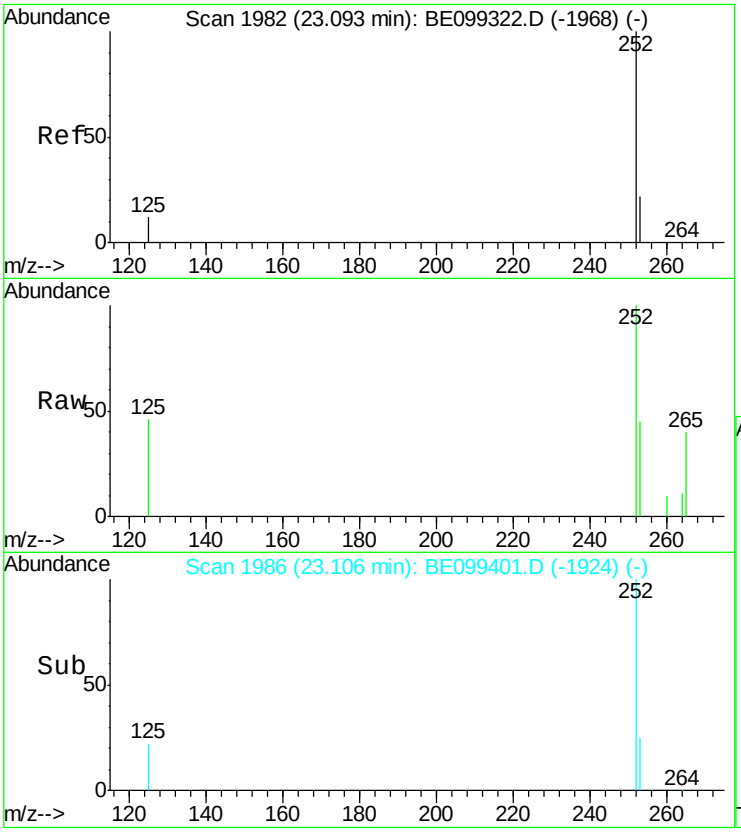


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:264 Resp: 33986

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	27.9	19.9	29.9



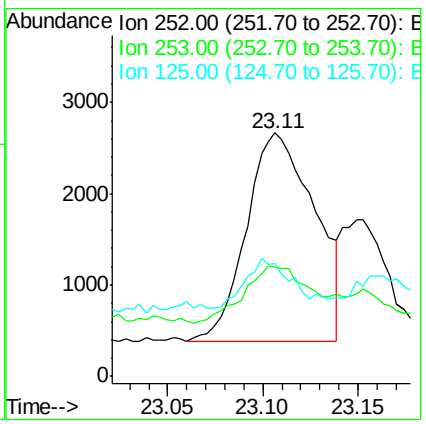


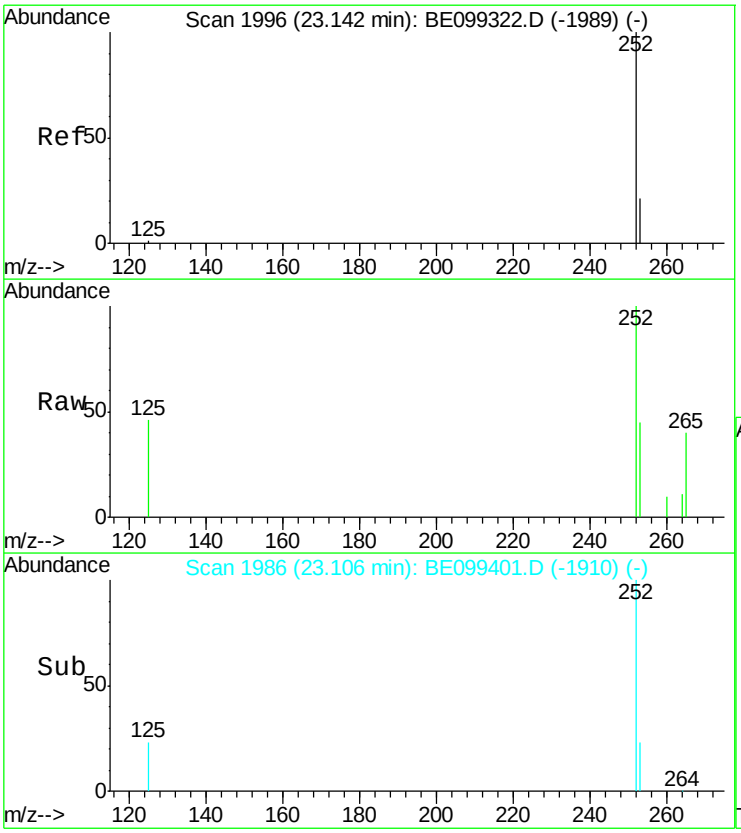
#35
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 23.11 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:252 Resp: 5735

Ion	Ratio	Lower	Upper
252	100		
253	44.9	17.3	25.9#
125	46.4	5.8	8.6#

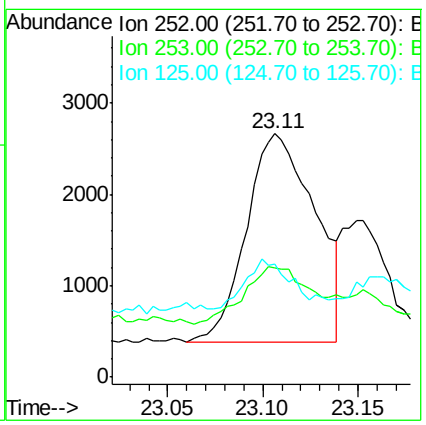


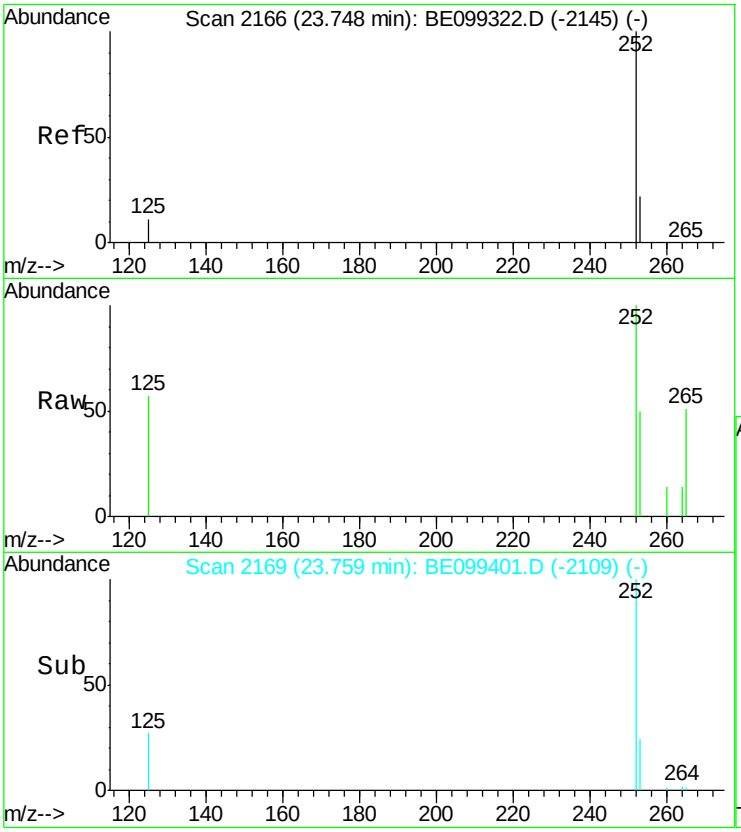


#36
Benzo(k)fluoranthene
Concen: 0.055 ng
RT: 23.11 min Scan# 1986
Delta R.T. -0.03 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:252 Resp: 5735

Ion	Ratio	Lower	Upper
252	100		
253	44.9	18.4	27.6#
125	46.4	5.4	8.0#





#37
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tgt Ion:252 Resp: 3837

Ion	Ratio	Lower	Upper
252	100		
253	50.0	17.6	26.4#
125	56.6	6.5	9.7#