Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060619\
Data File : BE099842.D
Acq On : 7 Jun 2019 3:27
Operator : JU/SJ
Sample : K3221-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BPS1-TT-MW313S-20190605

Quant Time: Jun 07 05:19:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1016	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	3998	0.40	ng		0.00
13) Acenaphthene-d10	14.49	164	3165	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	8677	0.40	ng		0.00
27) Chrysene-d12	21.43	240	11461	0.40	ng		0.01
34) Perylene-d12	23.97	264	12378	0.40	ng		0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	483	0.20	ng		0.01
5) Phenol-d6	6.97	99	404	0.13	ng		0.01
8) Nitrobenzene-d5	8.98	82	1330	0.38	ng		0.01
11) 2-Methylnaphthalene-d10	12.22	152	2805	0.41	ng		0.01
14) 2,4,6-Tribromophenol	15.98	330	982	0.54	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	4368	0.37	ng		0.00
25) Fluoranthene-d10	19.27	212	43939	0.34	ng		0.01
29) Terphenyl-d14	19.86	244	10375	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	93	0.063	ng	#	1
9) Naphthalene	10.67	128	7937	0.186	ng	#	98
12) 2-Methylnaphthalene	12.30	142	687	0.101	ng	#	95
16) Acenaphthylene	14.15	152	10085	0.660	ng		97
17) Acenaphthene	14.54	154	1463	0.175	ng	#	90
18) Fluorene	15.53	166	4802	0.390	ng	#	70
22) Pentachlorophenol	16.91	266	71	0.320	ng		92
23) Phenanthrene	17.27	178	13560	0.655	ng	#	96
24) Anthracene	17.36	178	3962	0.212	ng	#	78
26) Fluoranthene	19.30	202	19702	0.543	ng		95
28) Pyrene	19.66	202	17734	0.641	ng	#	83
30) Benzo(a)anthracene	21.40	228	12003	0.379	ng	#	13
31) Chrysene	21.46	228	8118	0.232	ng	#	38
32) Bis(2-ethylhexyl)phthalate	21.32	149	5942	0.163	ng	#	94
33) Indeno(1,2,3-cd)pyrene	26.67	276	18305	0.437	ng	#	93
35) Benzo(b)fluoranthene	23.19	252	10828	0.316	ng	#	12
36) Benzo(k)fluoranthene	23.19	252	10828	0.298	ng	#	12
37) Benzo(a)pyrene	23.86	252	8806	0.265	ng	#	19
39) Benzo(g,h,i)perylene	27.52	276	44412	1.251	ng	#	77

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

Quantitation Report (Not Reviewed)

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Instrument :
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BPS1-TT-MW313S-20190605

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
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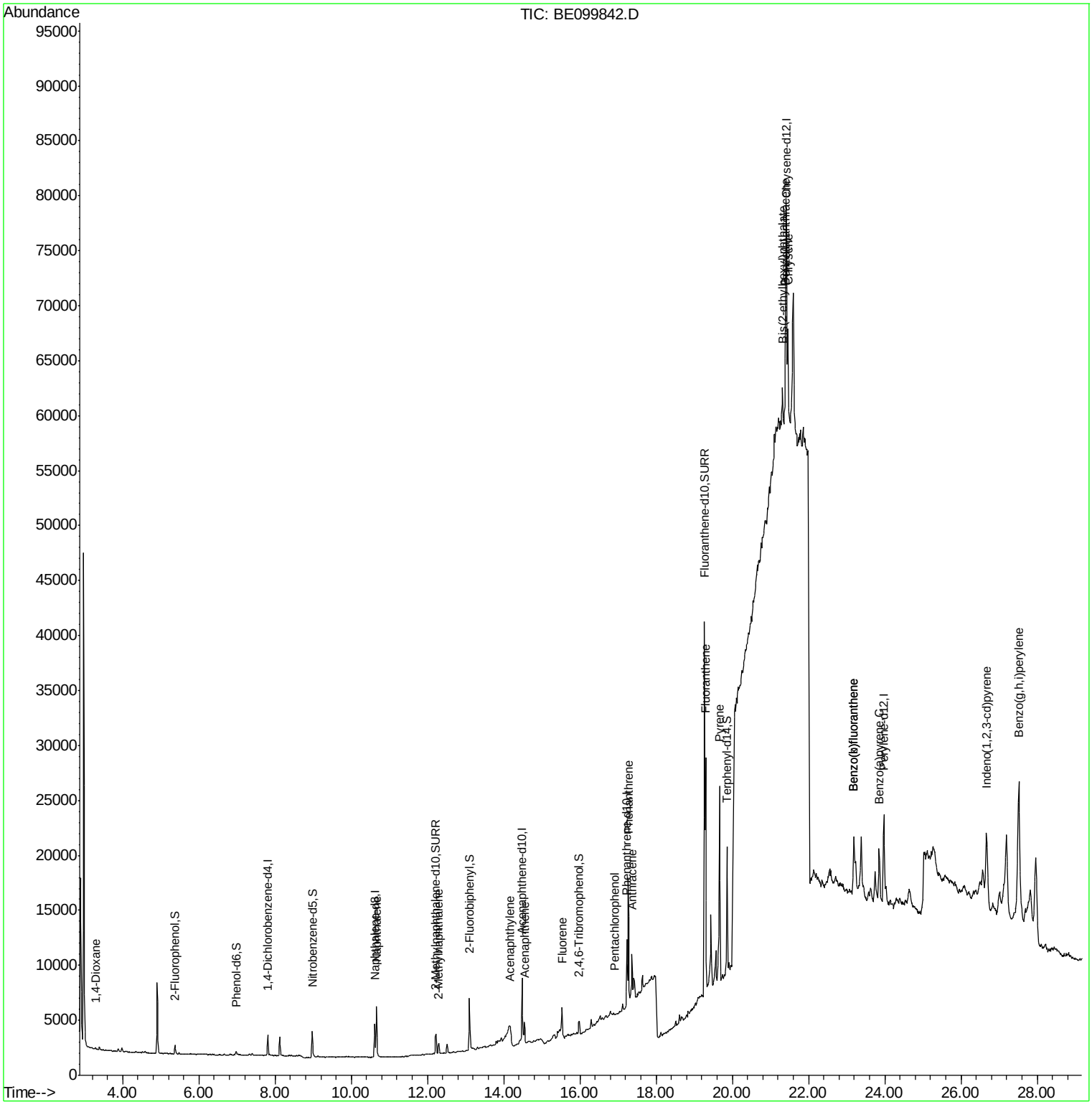
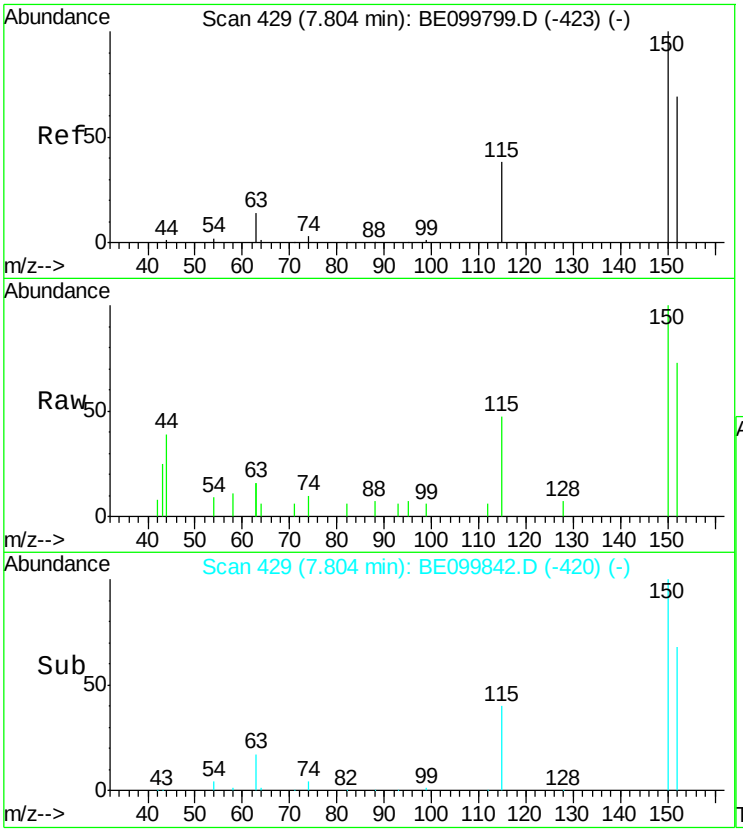


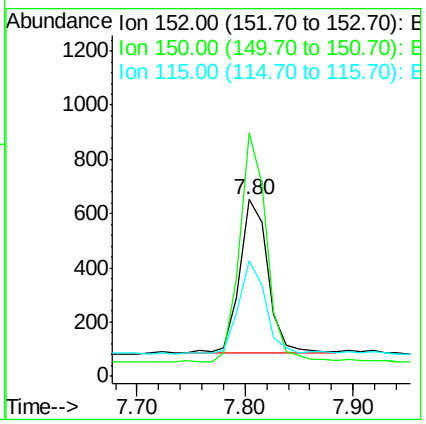


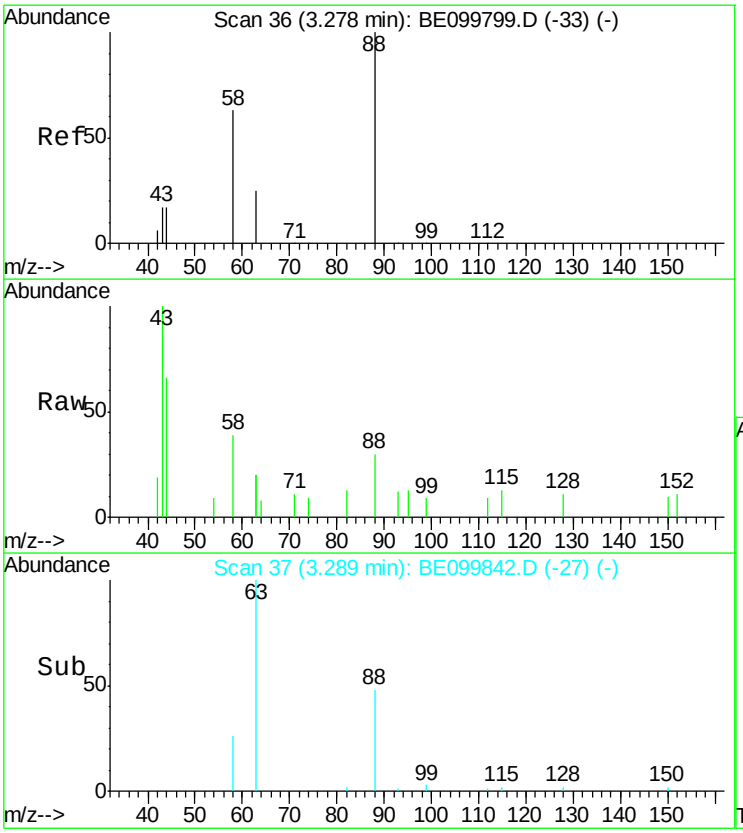
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:152 Resp: 1016

Ion	Ratio	Lower	Upper
152	100		
150	137.7	112.8	169.2
115	65.2	47.6	71.4

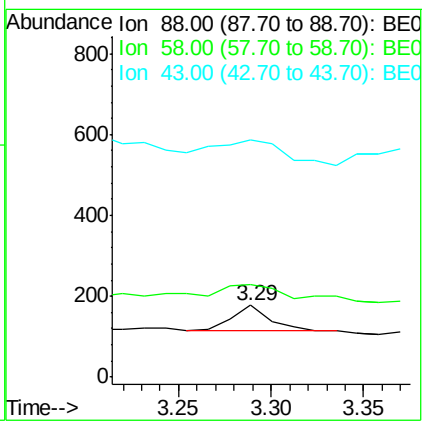


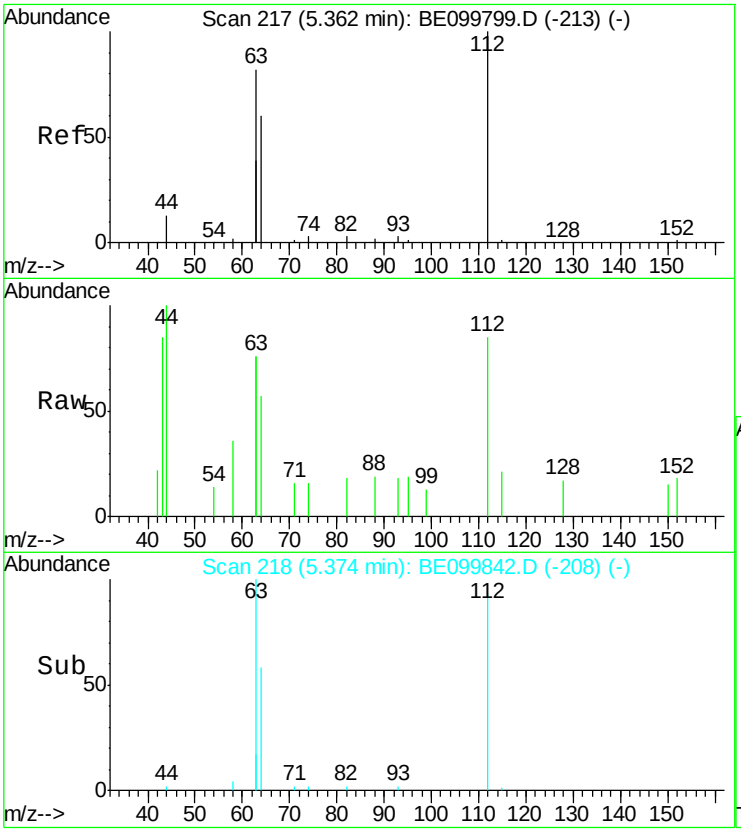


#2
1,4-Dioxane
Concen: 0.063 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion: 88 Resp: 93

Ion	Ratio	Lower	Upper
88	100		
58	53.8	47.3	70.9
43	187.1	18.2	27.4#



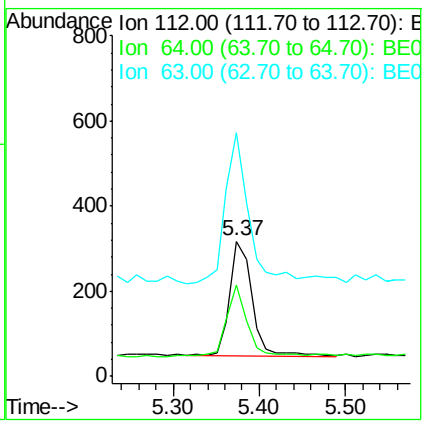


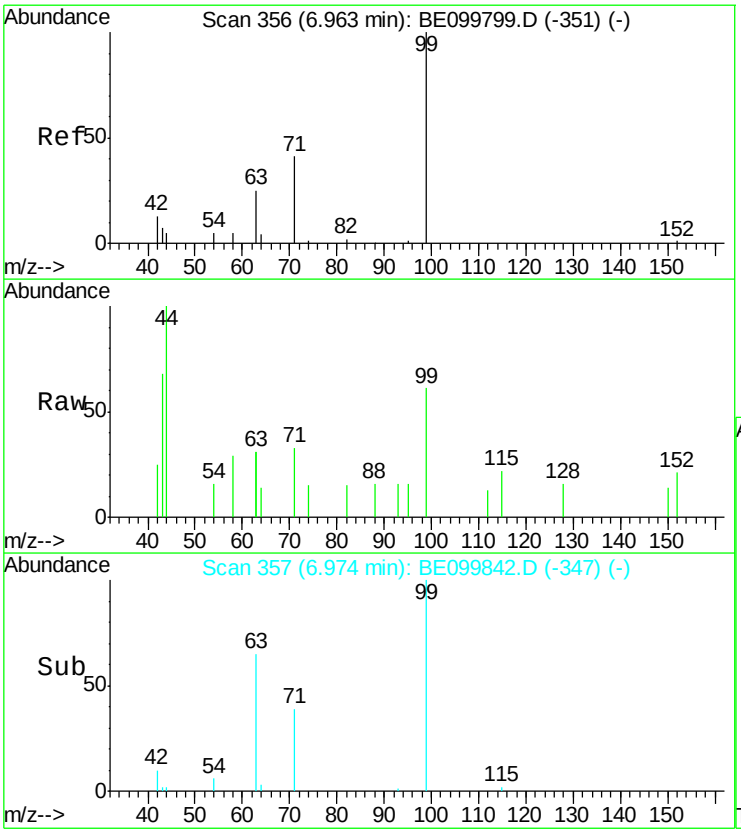
#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:112 Resp: 483

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.2	70.8
63	139.1	90.7	136.1#

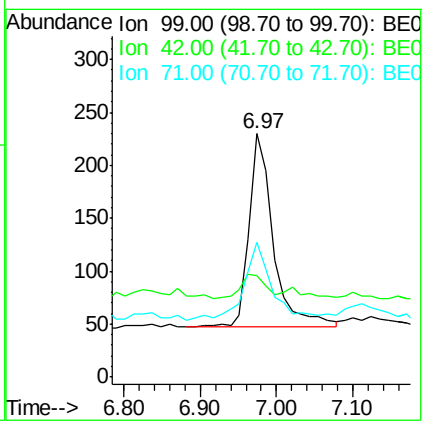


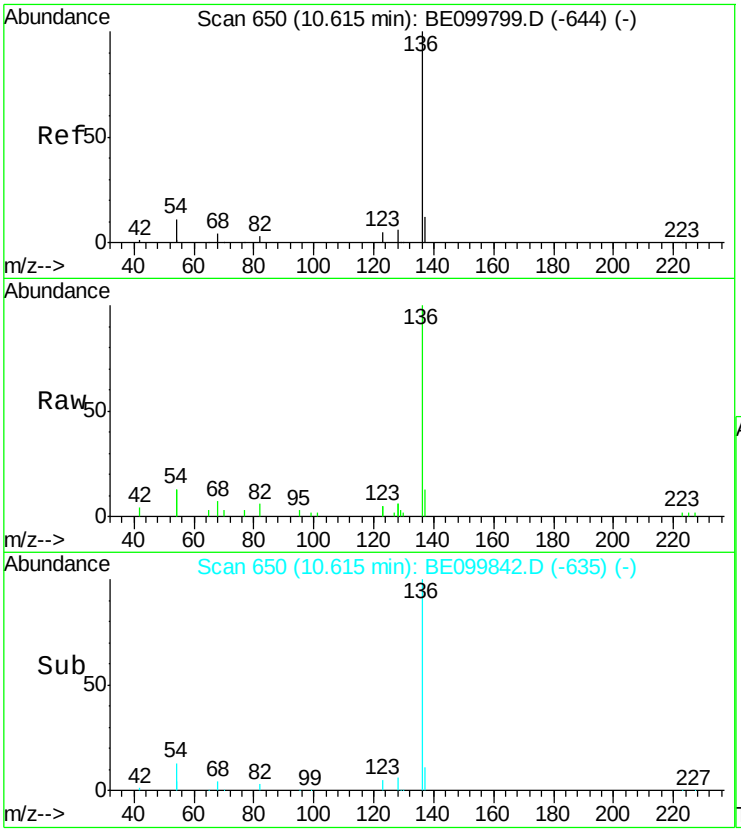


#5
Phenol-d6
Concen: 0.127 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion: 99 Resp: 404

Ion	Ratio	Lower	Upper
99	100		
42	12.4	11.0	16.4
71	45.8	26.1	39.1#



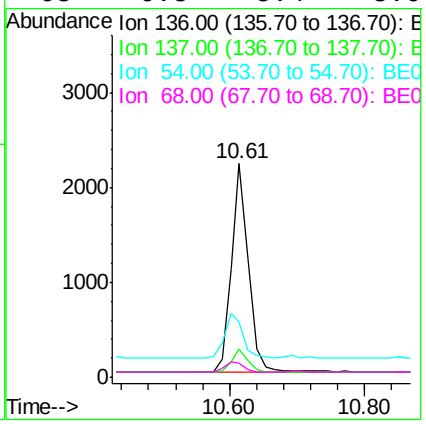


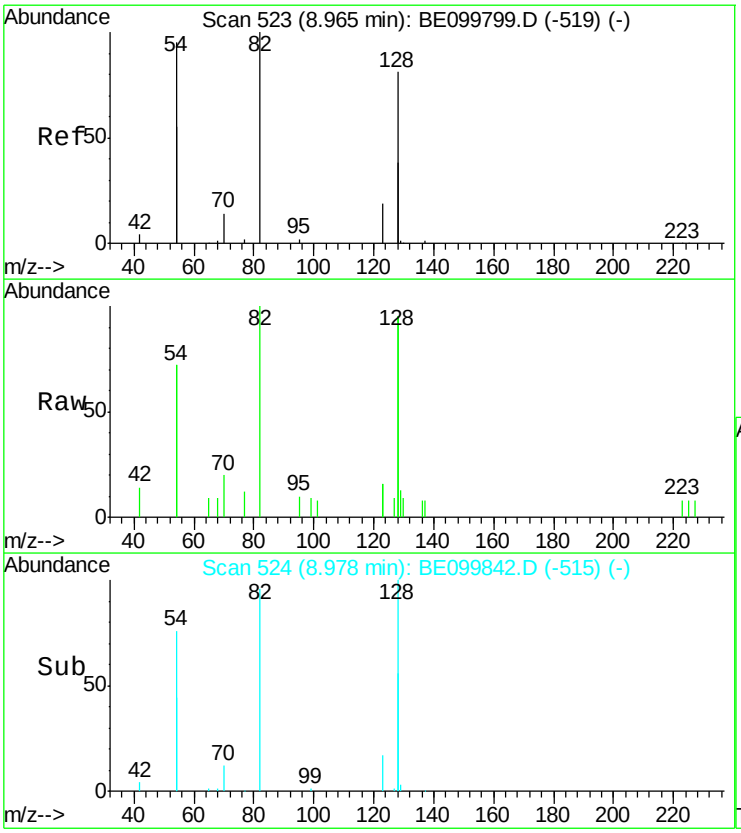
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. -0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:136 Resp: 3998

Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.1	16.7
54	25.9	17.9	26.9
68	6.8	5.4	8.0

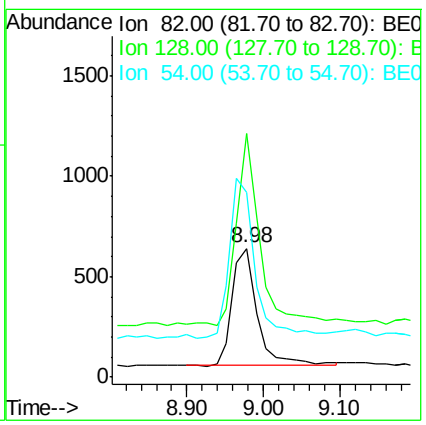


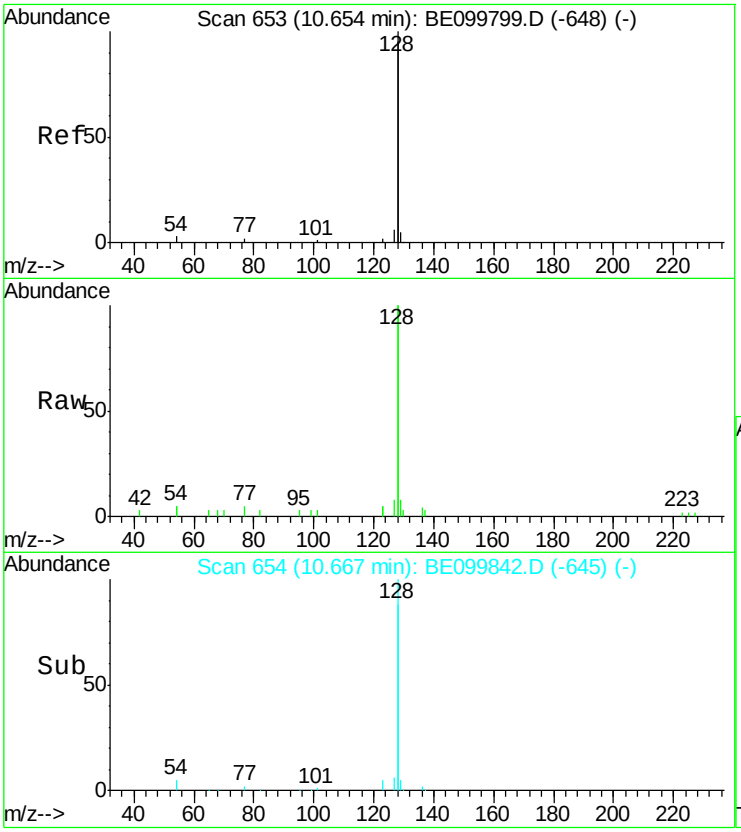


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion: 82 Resp: 1330

Ion	Ratio	Lower	Upper
82	100		
128	189.4	116.6	175.0#
54	144.1	136.2	204.4



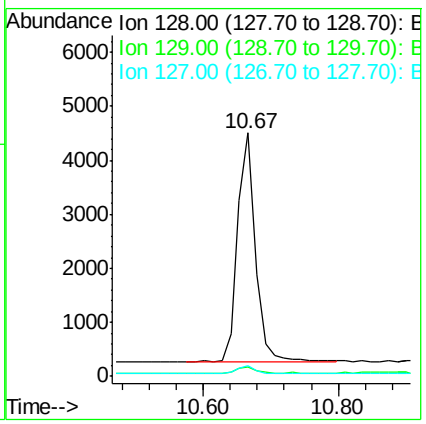


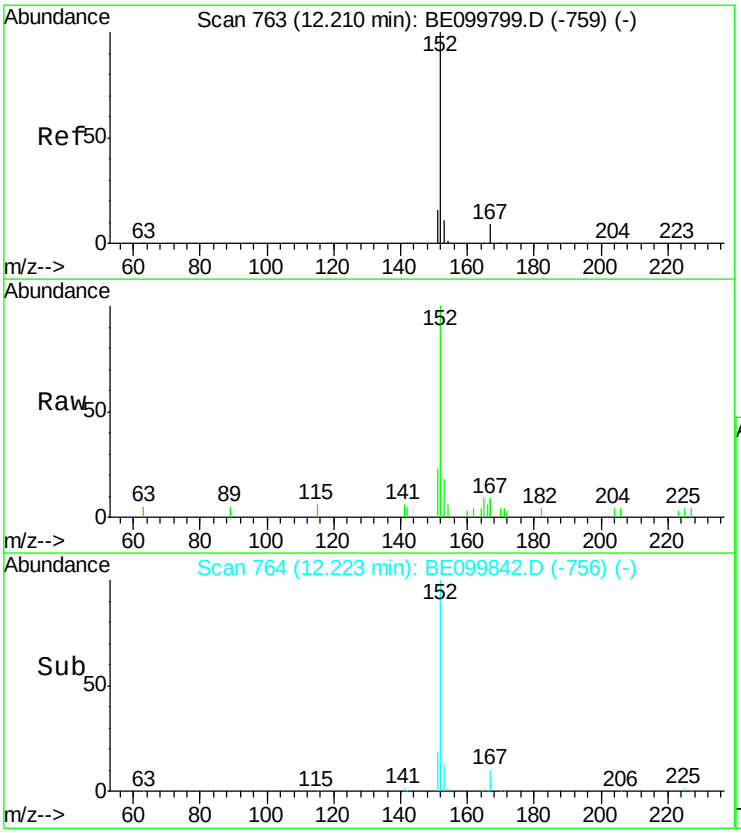
#9
Naphthalene
Concen: 0.186 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:128 Resp: 7937

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.6	4.0#
127	4.2	3.0	4.6

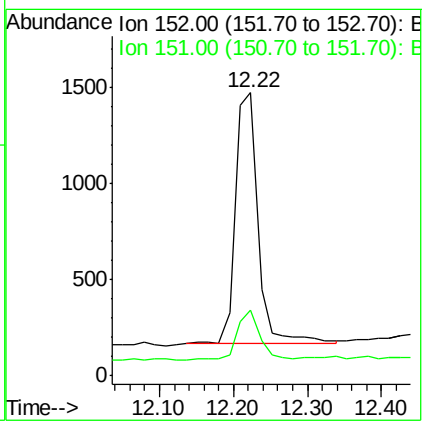


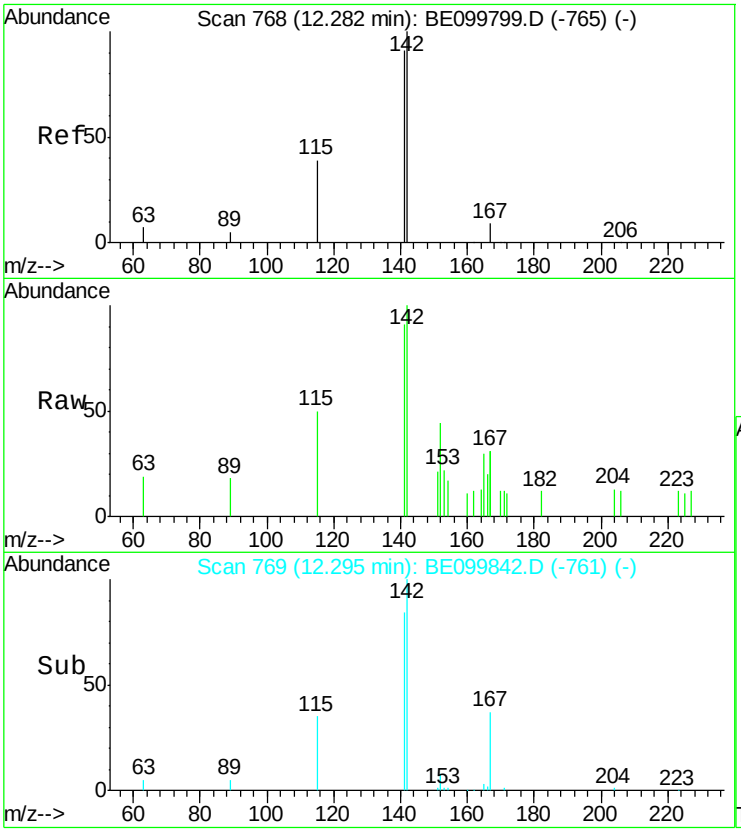


#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:152 Resp: 2805

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8



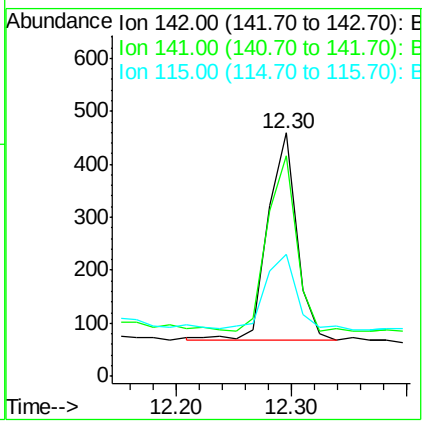


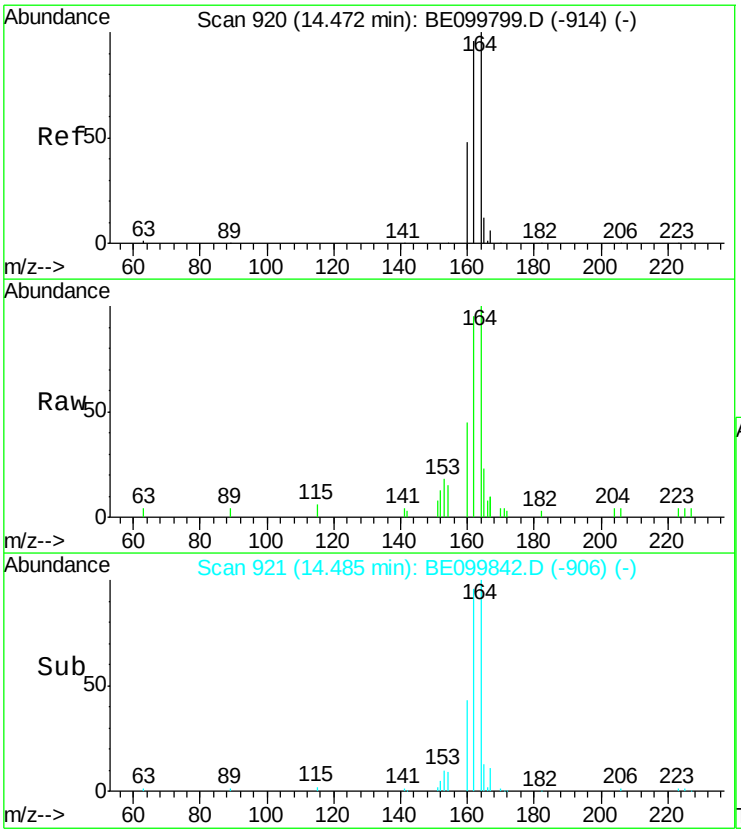
#12
2-Methylnaphthalene
Concen: 0.101 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:142 Resp: 687

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.3	109.9
115	50.3	33.4	50.2#

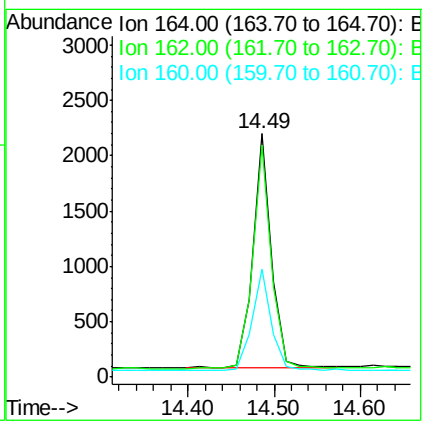


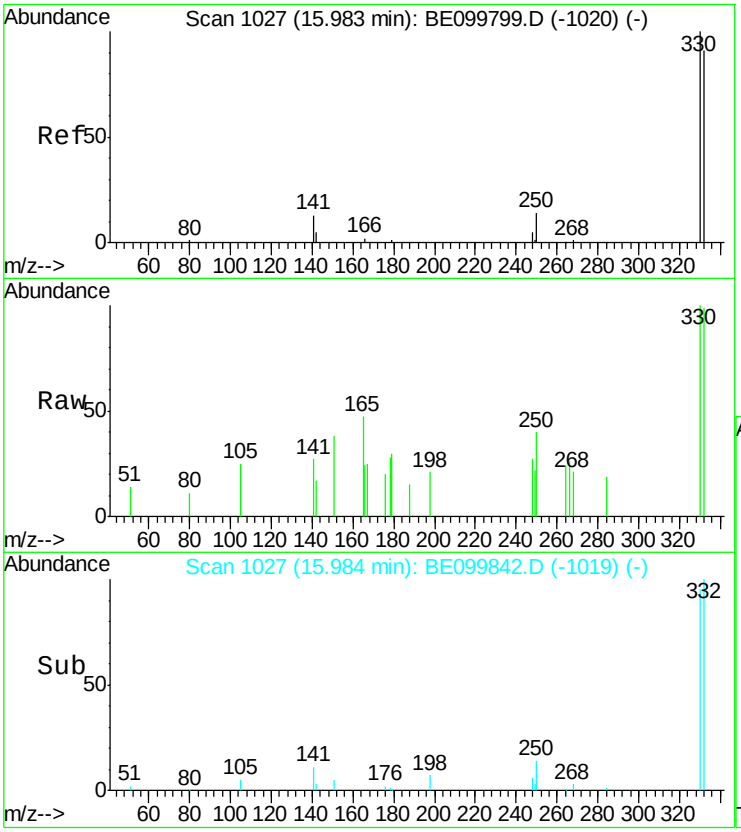


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:164 Resp: 3165

Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.2	115.8
160	44.5	39.4	59.2



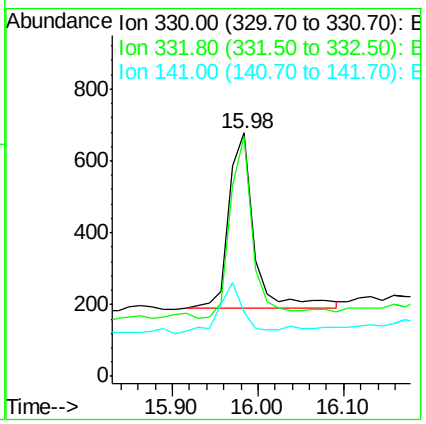


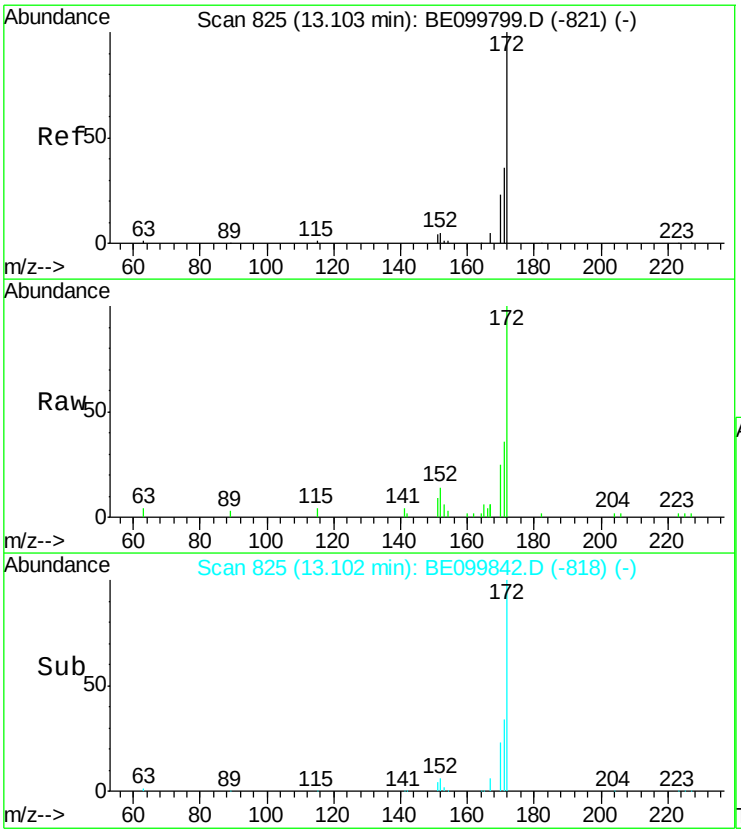
#14
2,4,6-Tribromophenol
Concen: 0.537 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:330 Resp: 982

Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.9	112.3
141	24.3	16.0	24.0#

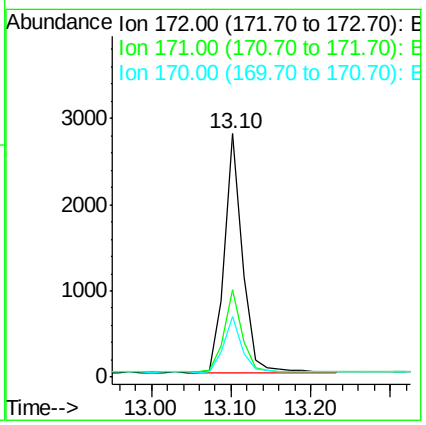


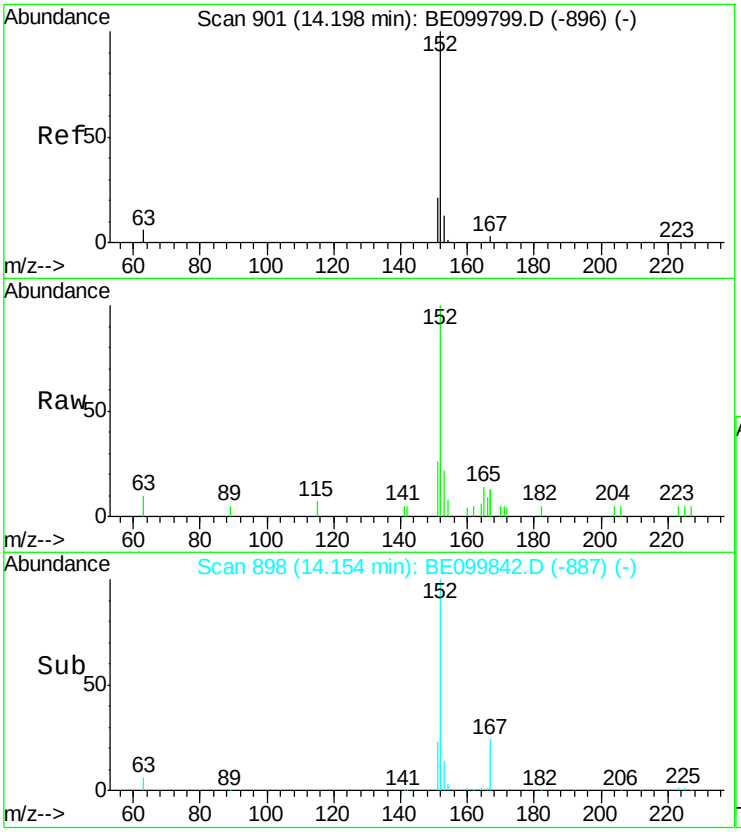


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:172 Resp: 4368

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.2	45.4
170	24.7	20.1	30.1



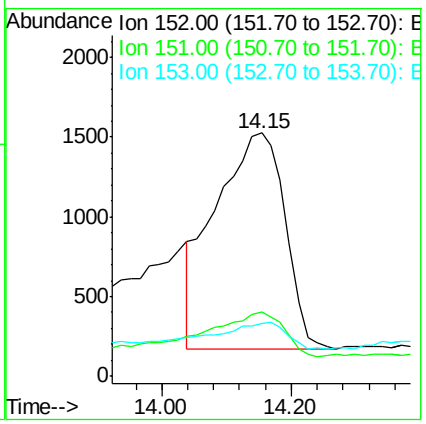


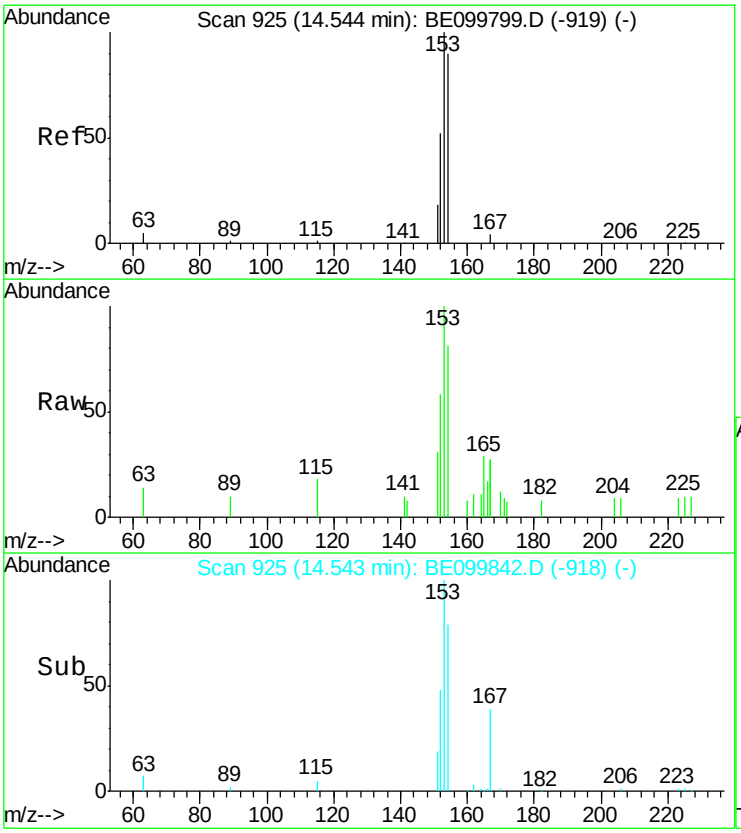
#16
Acenaphthylene
Concen: 0.660 ng
RT: 14.15 min Scan# 898
Delta R.T. -0.04 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:152 Resp: 10085

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	11.2	10.8	16.2

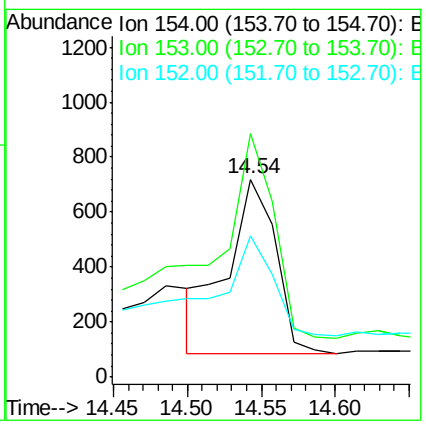


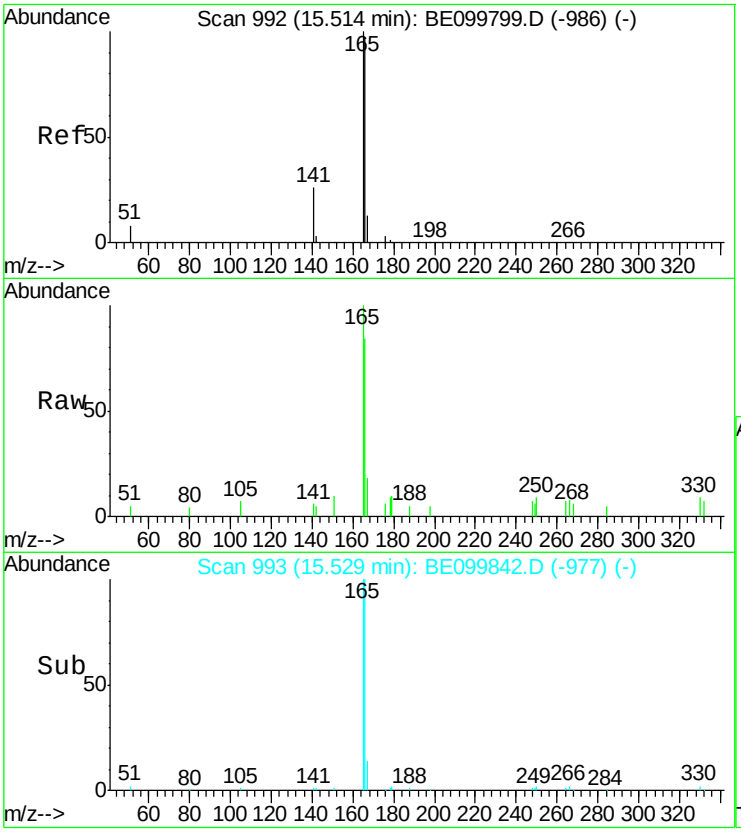


#17
Acenaphthene
Concen: 0.175 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:154 Resp: 1463

Ion	Ratio	Lower	Upper
154	100		
153	111.3	93.8	140.6
152	45.2	48.3	72.5#



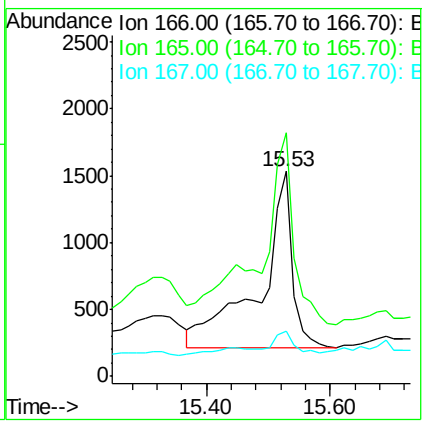


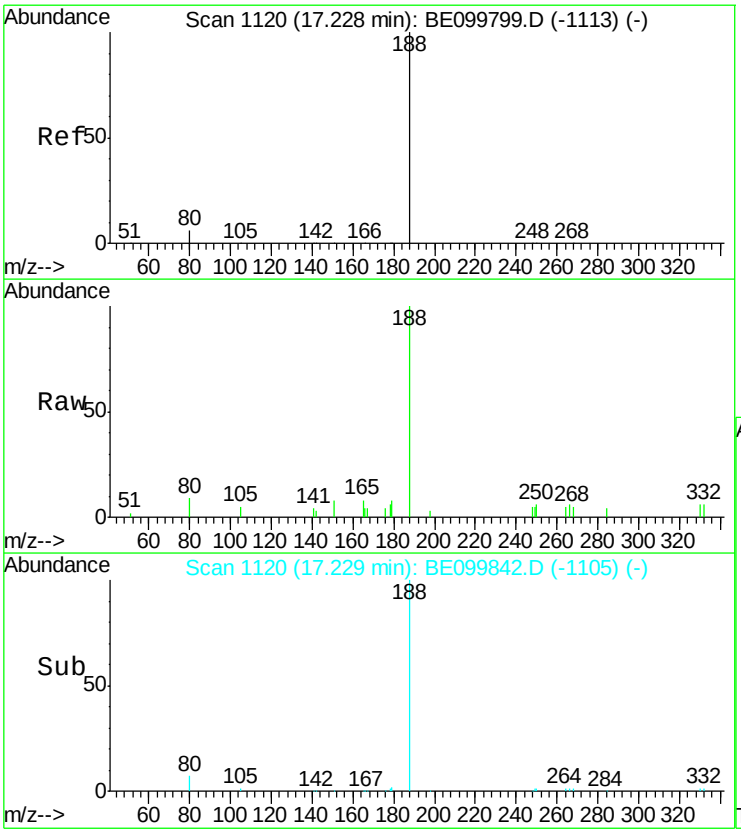
#18
Fluorene
Concen: 0.390 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:166 Resp: 4802

Ion	Ratio	Lower	Upper
166	100		
165	68.7	80.4	120.6#
167	7.3	10.7	16.1#

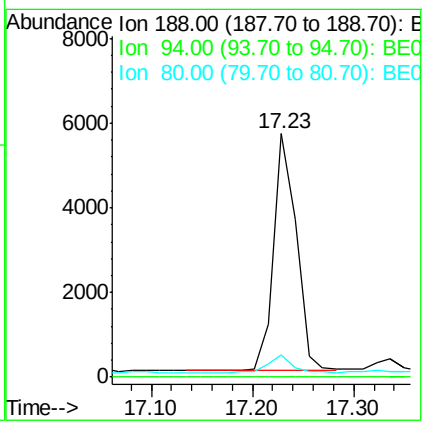


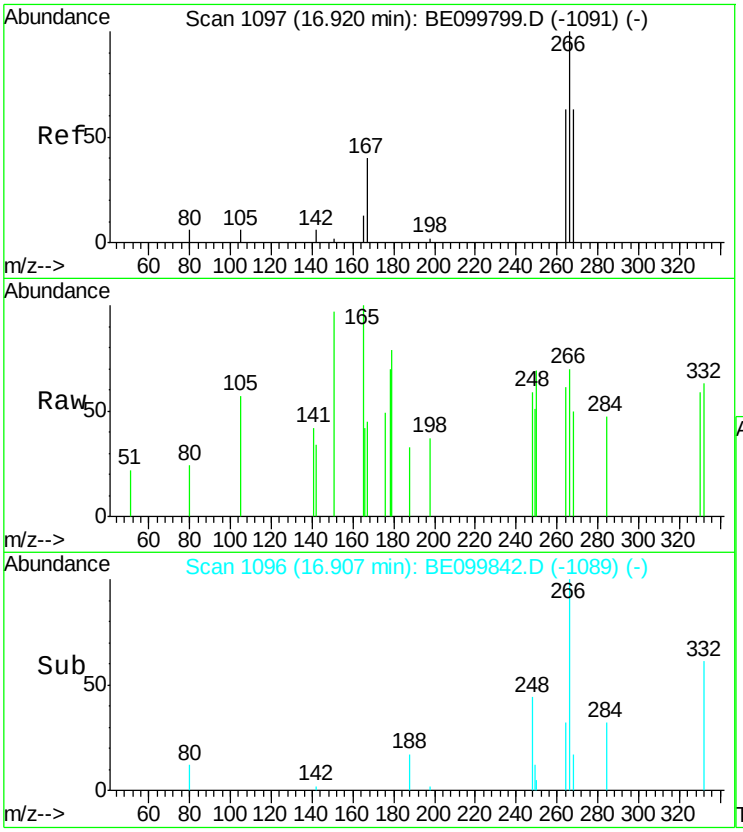


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:188 Resp: 8677

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	5.2	7.8#



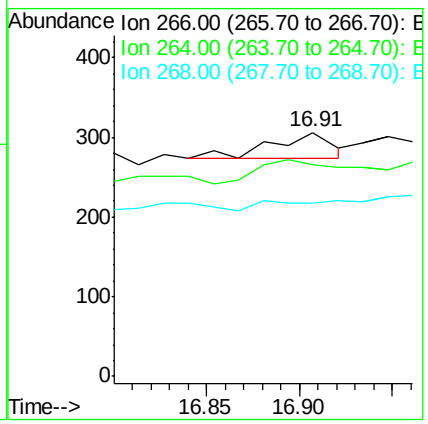


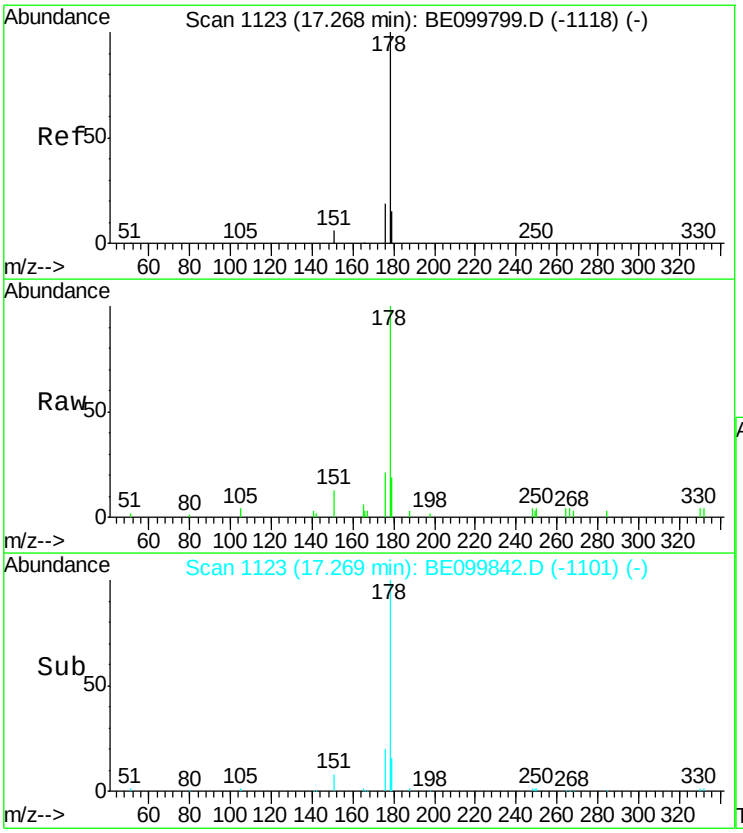
#22
Pentachlorophenol
Concen: 0.320 ng
RT: 16.91 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:266 Resp: 71

Ion	Ratio	Lower	Upper
266	100		
264	86.6	64.9	97.3
268	71.2	64.0	96.0

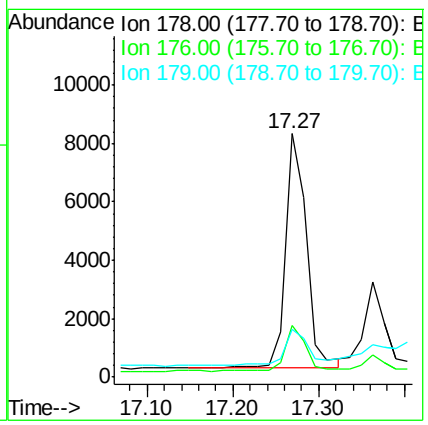


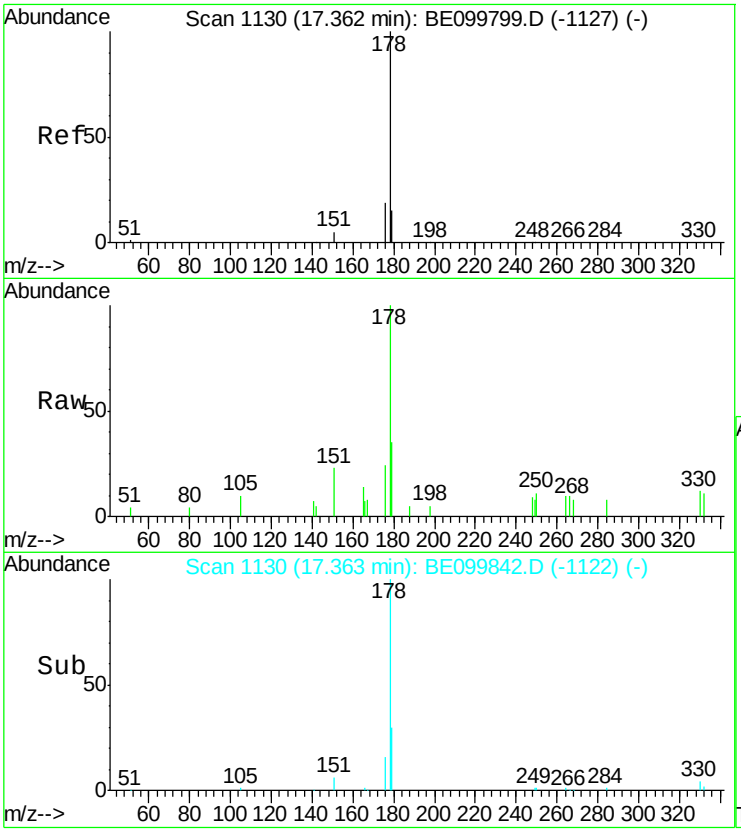


#23
Phenanthrene
Concen: 0.655 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:178 Resp: 13560

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	18.9	12.5	18.7#



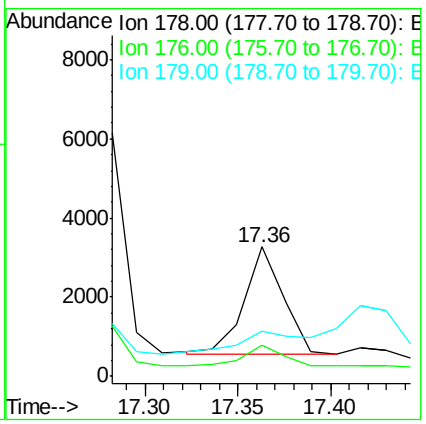


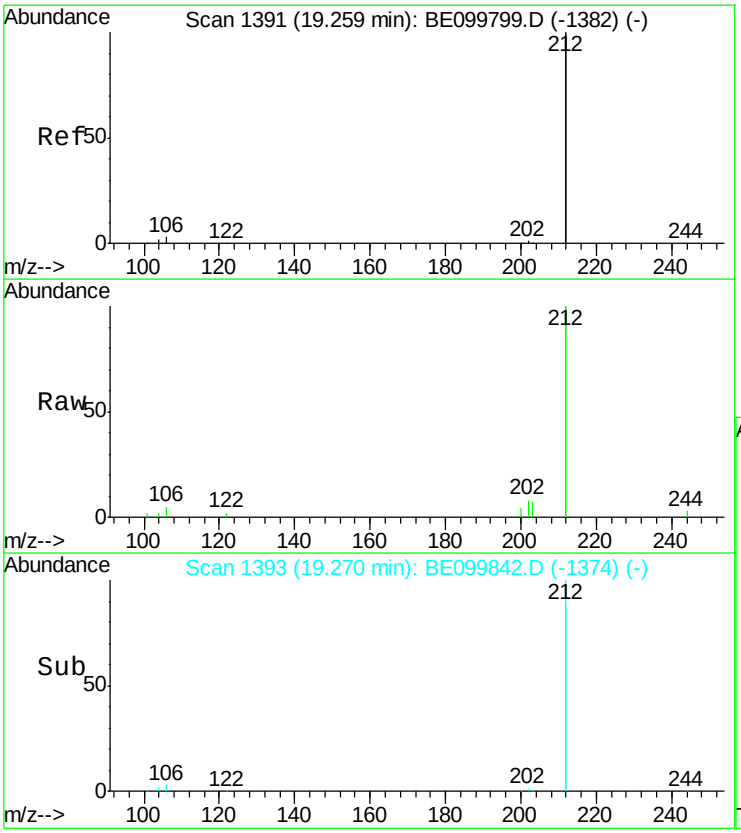
#24
Anthracene
Concen: 0.212 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:178 Resp: 3962

Ion	Ratio	Lower	Upper
178	100		
176	23.9	15.1	22.7#
179	0.0	12.1	18.1#

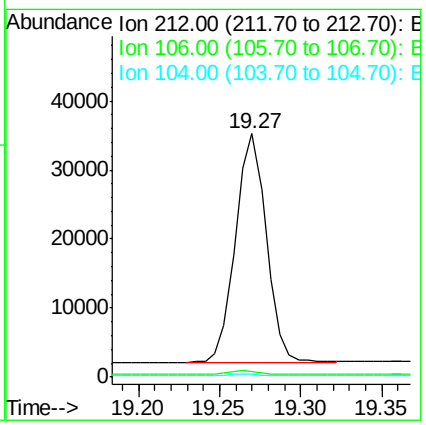


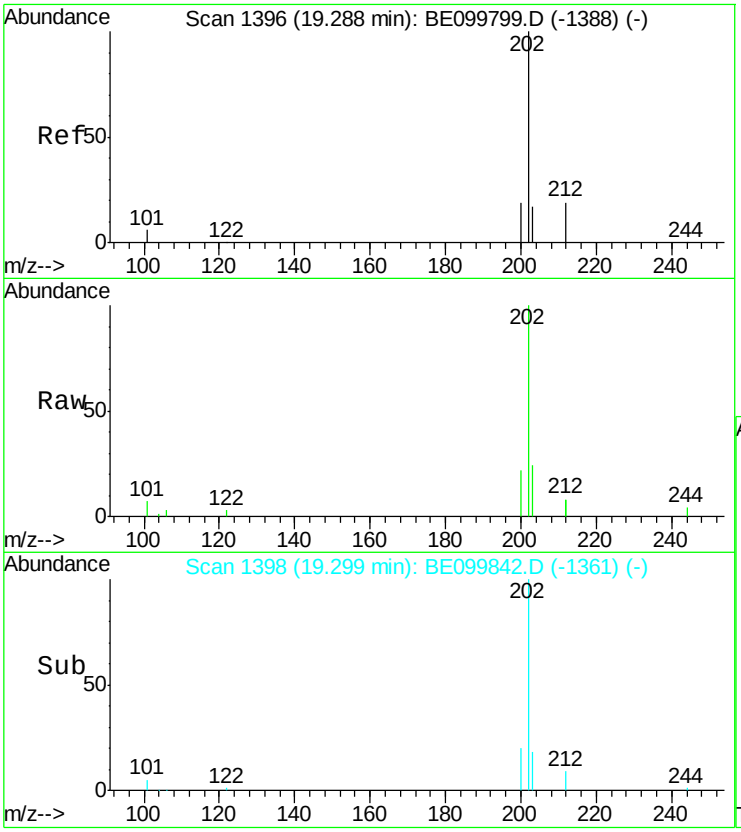


#25
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.27 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:212 Resp: 43939

Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.0
104	1.0	0.8	1.2



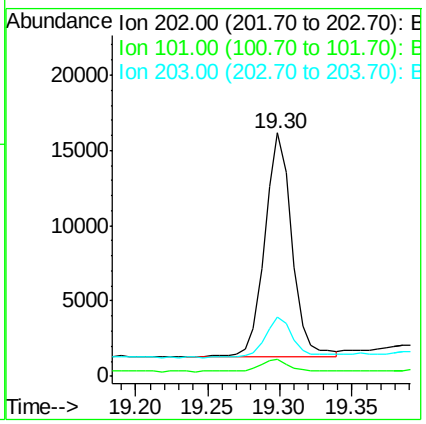


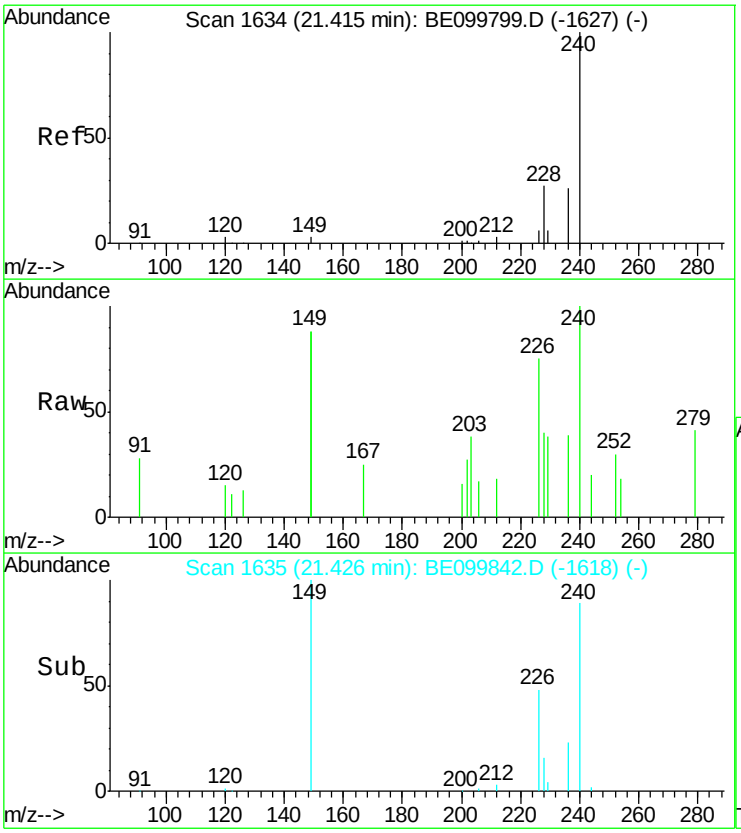
#26
Fluoranthene
Concen: 0.543 ng
RT: 19.30 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:202 Resp: 19702

Ion	Ratio	Lower	Upper
202	100		
101	5.8	5.2	7.8
203	19.5	13.6	20.4

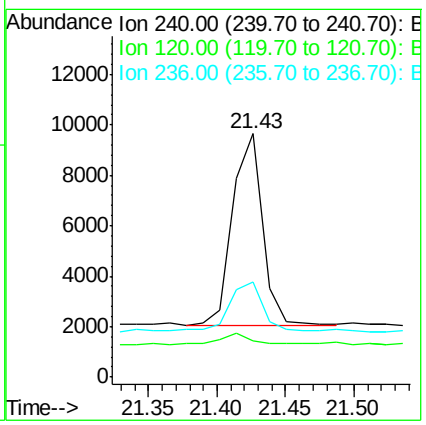


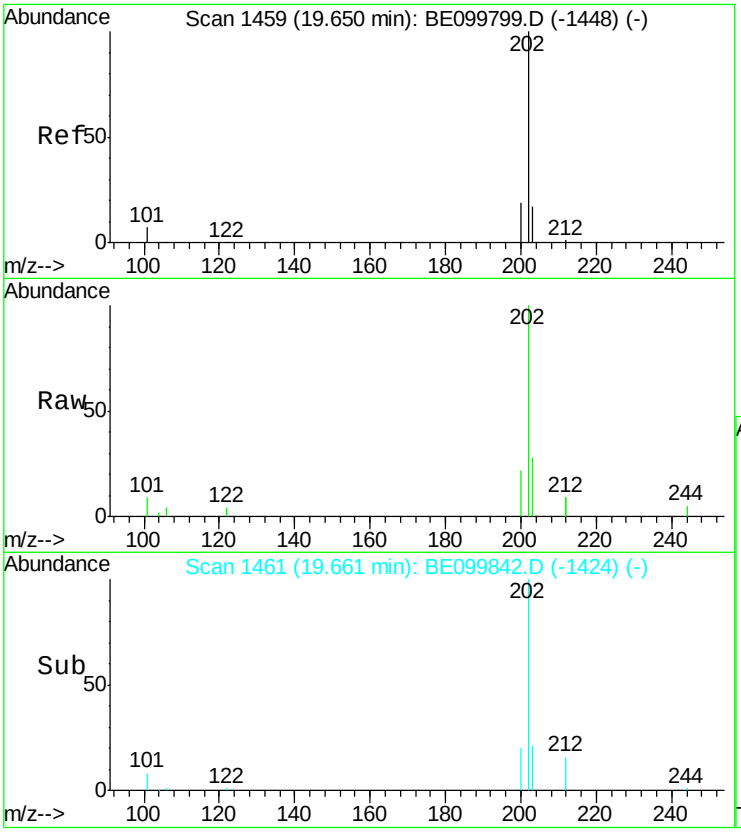


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:240 Resp: 11461

Ion	Ratio	Lower	Upper
240	100		
120	15.1	2.8	4.2#
236	39.3	20.9	31.3#



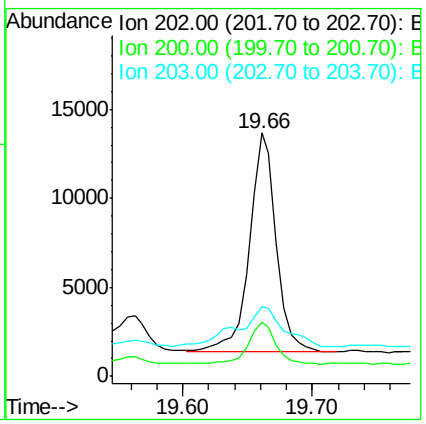


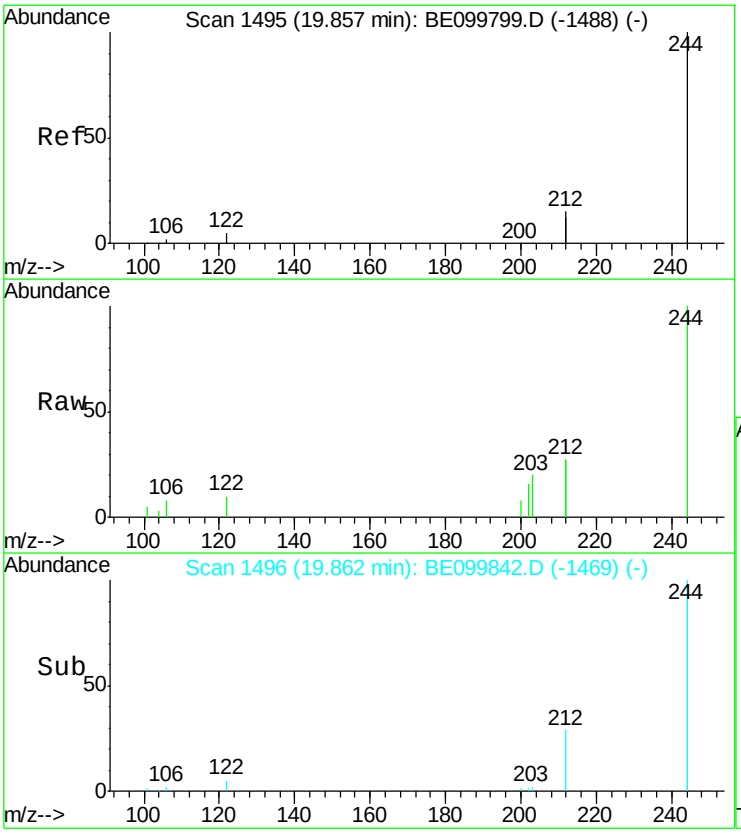
#28
Pyrene
Concen: 0.641 ng
RT: 19.66 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:202 Resp: 17734

Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.6	23.4
203	33.0	14.1	21.1#

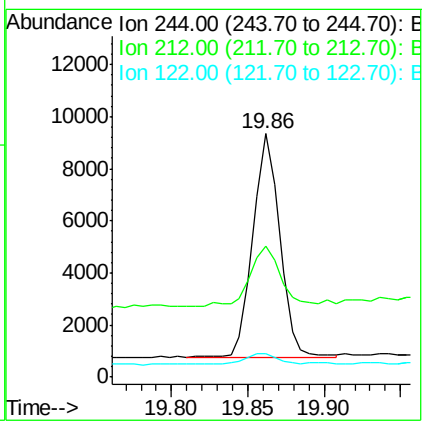


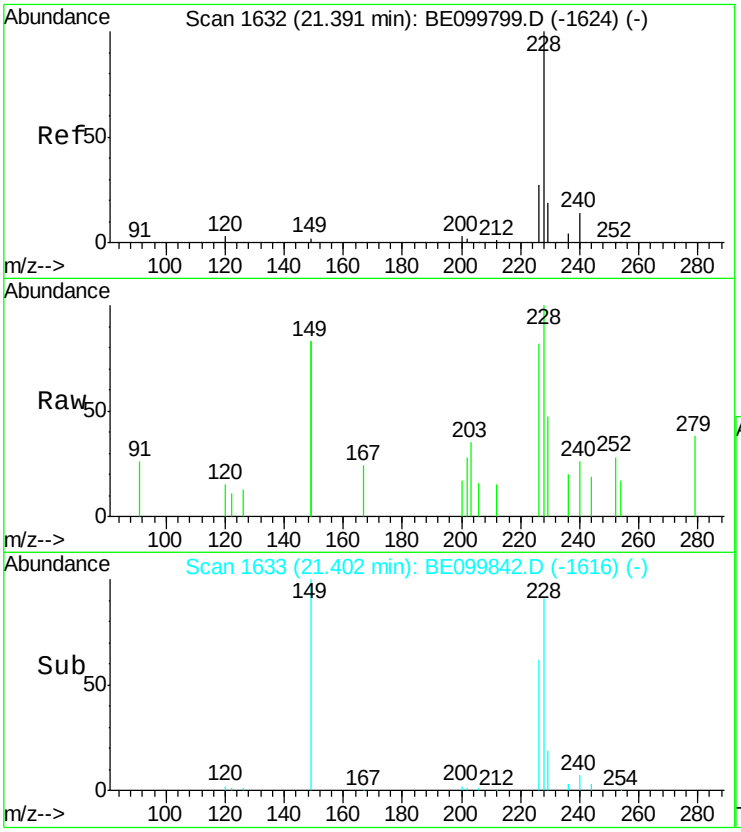


#29
Terphenyl-d14
Concen: 0.552 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:244 Resp: 10375

Ion	Ratio	Lower	Upper
244	100		
212	53.5	23.7	35.5#
122	9.9	4.8	7.2#



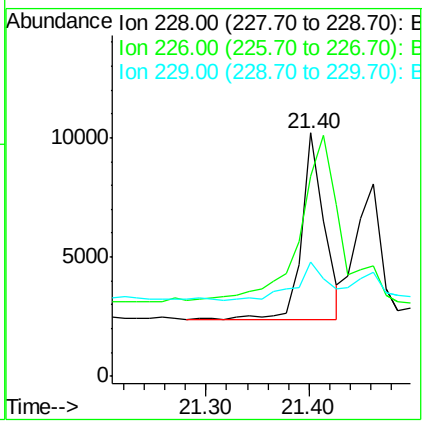


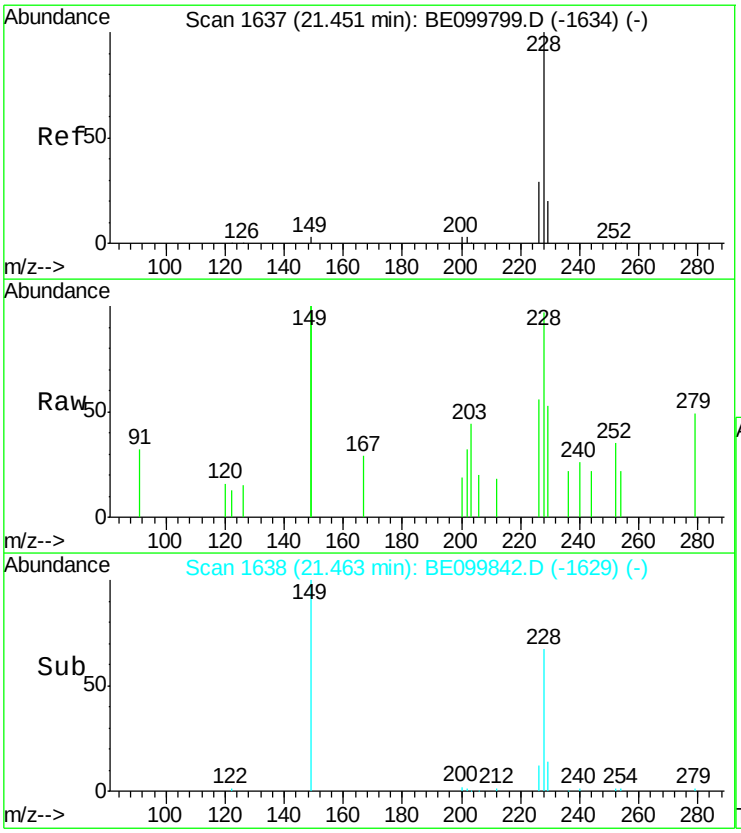
#30
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:228 Resp: 12003

Ion	Ratio	Lower	Upper
228	100		
226	81.9	21.6	32.4#
229	47.2	15.8	23.6#

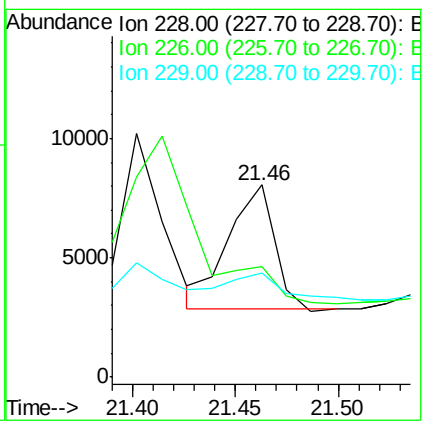


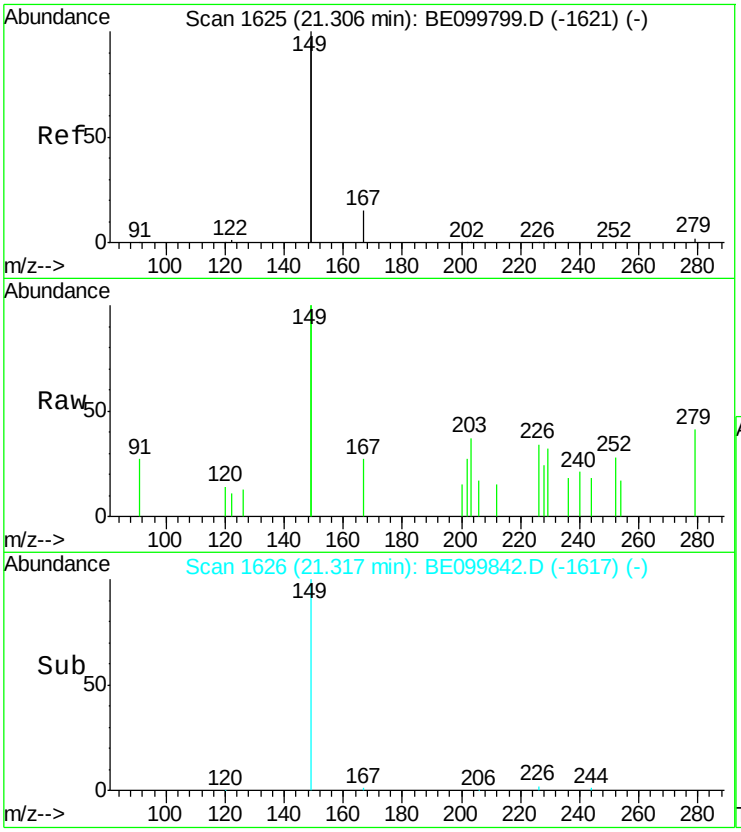


#31
Chrysene
Concen: 0.232 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:228 Resp: 8118

Ion	Ratio	Lower	Upper
228	100		
226	57.6	22.9	34.3#
229	54.1	16.4	24.6#



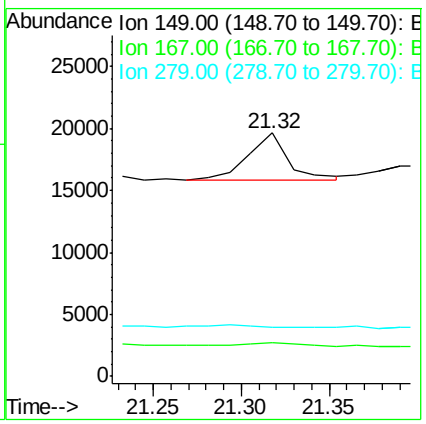


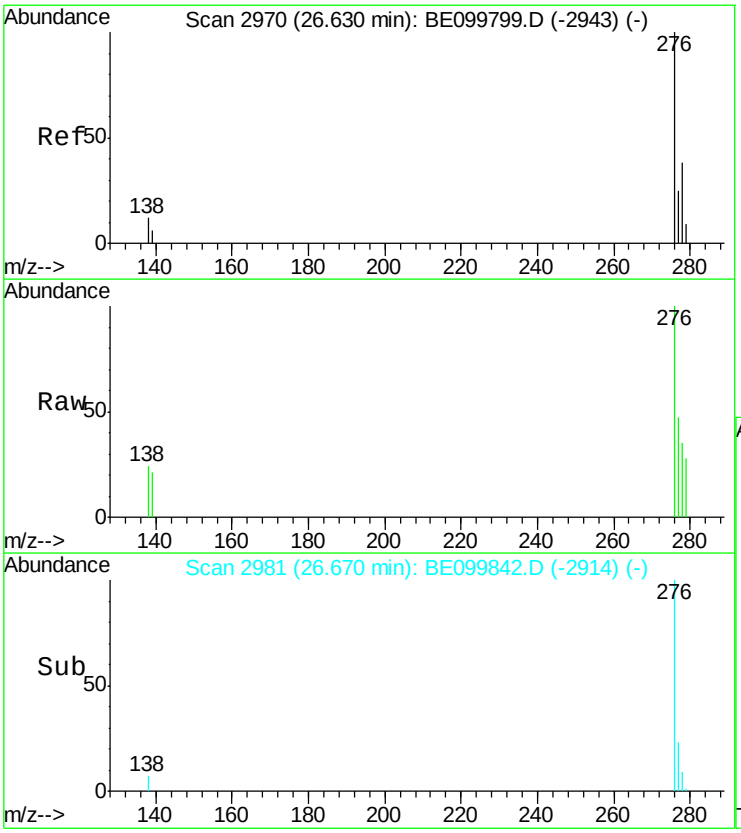
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.163 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.01 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:149 Resp: 5942

Ion	Ratio	Lower	Upper
149	100		
167	9.7	6.0	9.0#
279	0.0	1.2	1.8#

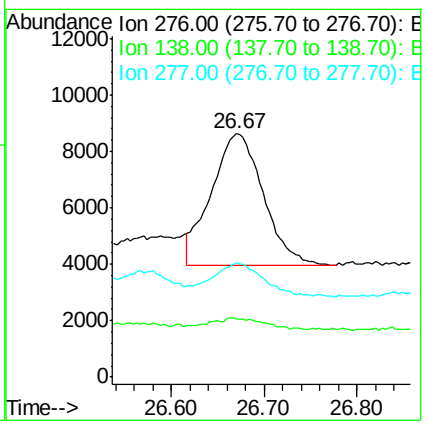


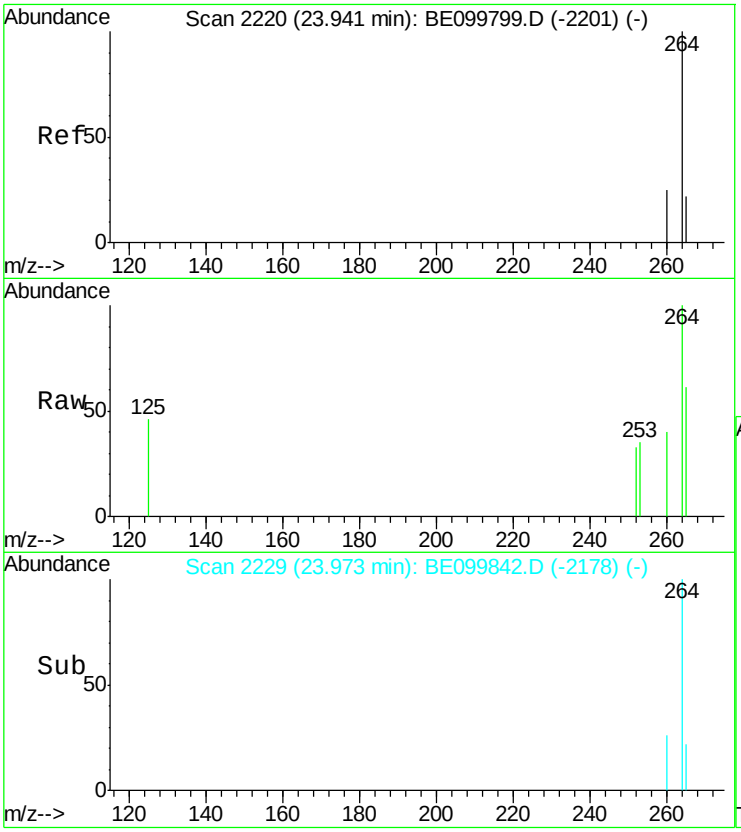


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 26.67 min Scan# 2981
Delta R.T. 0.04 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:276 Resp: 18305

Ion	Ratio	Lower	Upper
276	100		
138	5.8	10.3	15.5#
277	24.0	19.4	29.2



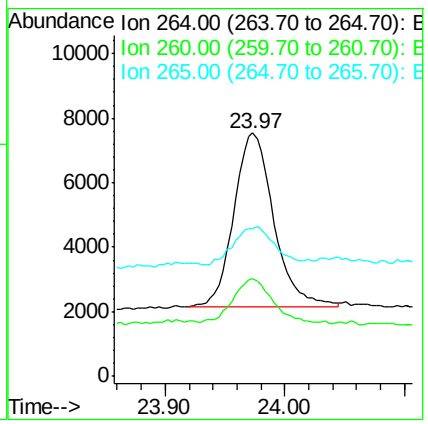


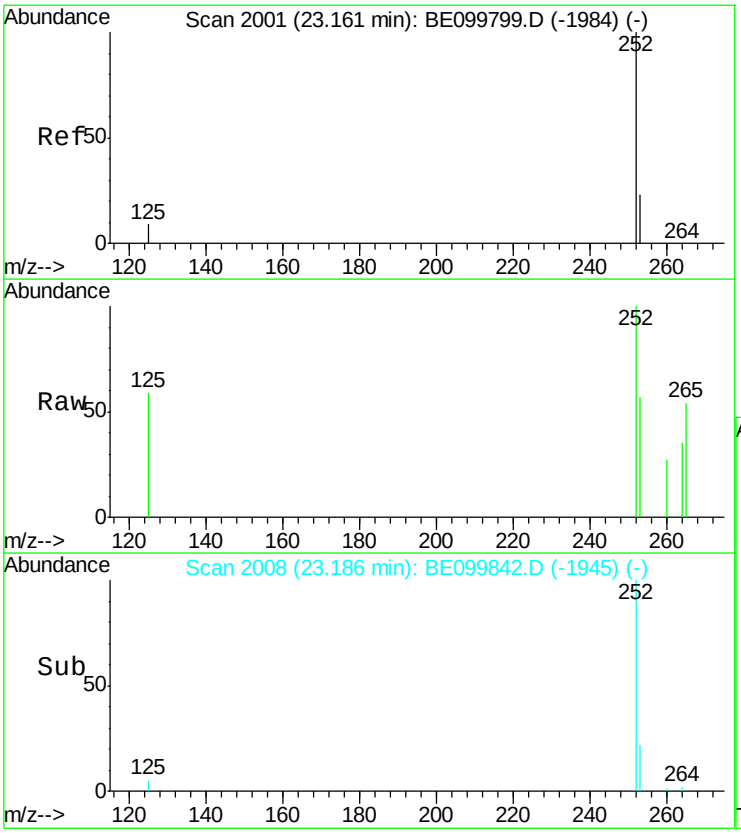
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2229
Delta R.T. 0.03 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:264 Resp: 12378

Ion	Ratio	Lower	Upper
264	100		
260	40.1	20.0	30.0#
265	60.7	20.7	31.1#

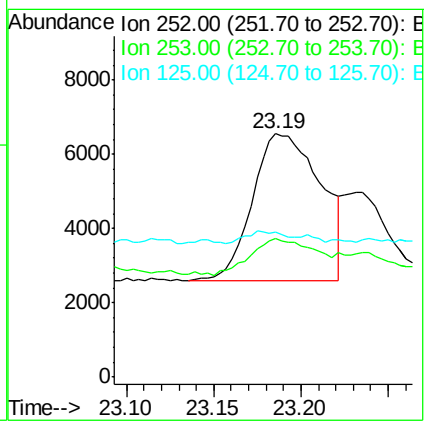


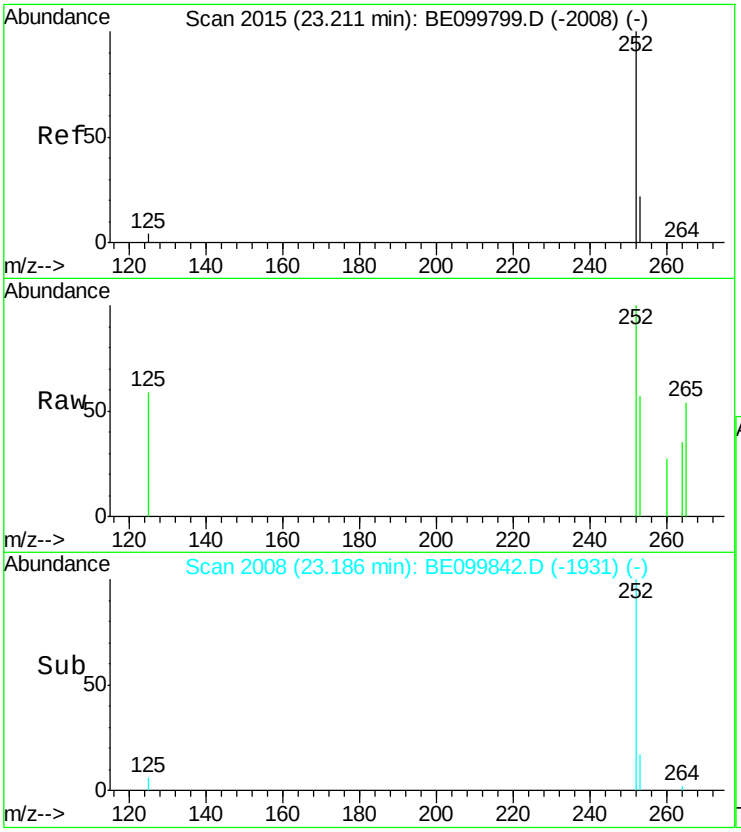


#35
Benzo(b)fluoranthene
Concen: 0.316 ng
RT: 23.19 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:252 Resp: 10828

Ion	Ratio	Lower	Upper
252	100		
253	57.1	18.9	28.3#
125	59.4	7.6	11.4#



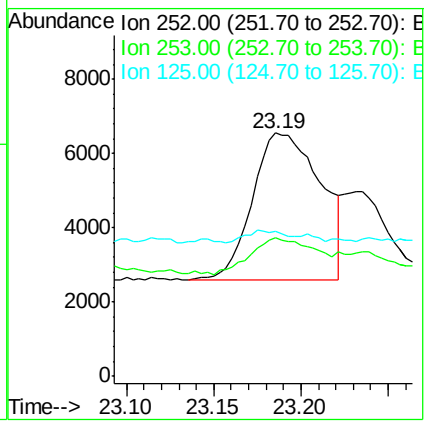


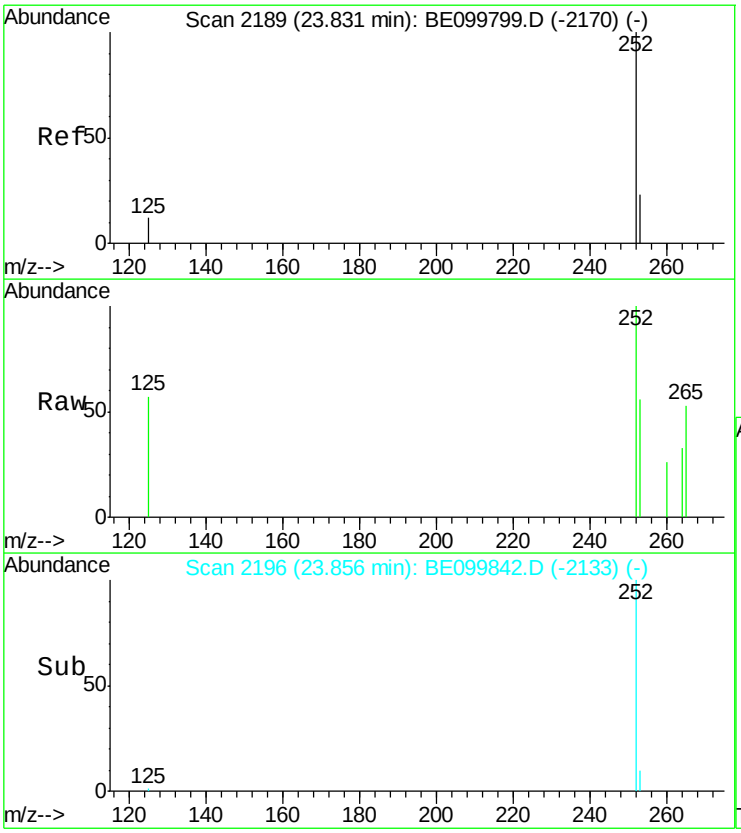
#36
Benzo(k)fluoranthene
Concen: 0.298 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:252 Resp: 10828

Ion	Ratio	Lower	Upper
252	100		
253	57.1	18.4	27.6#
125	59.4	4.6	7.0#

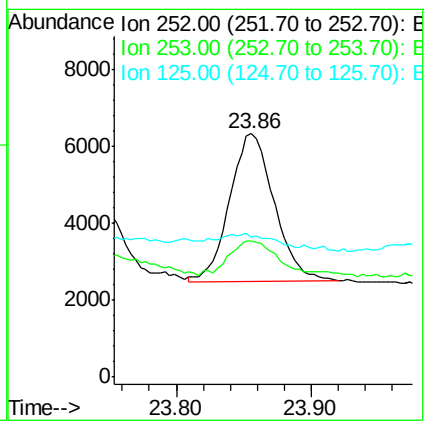


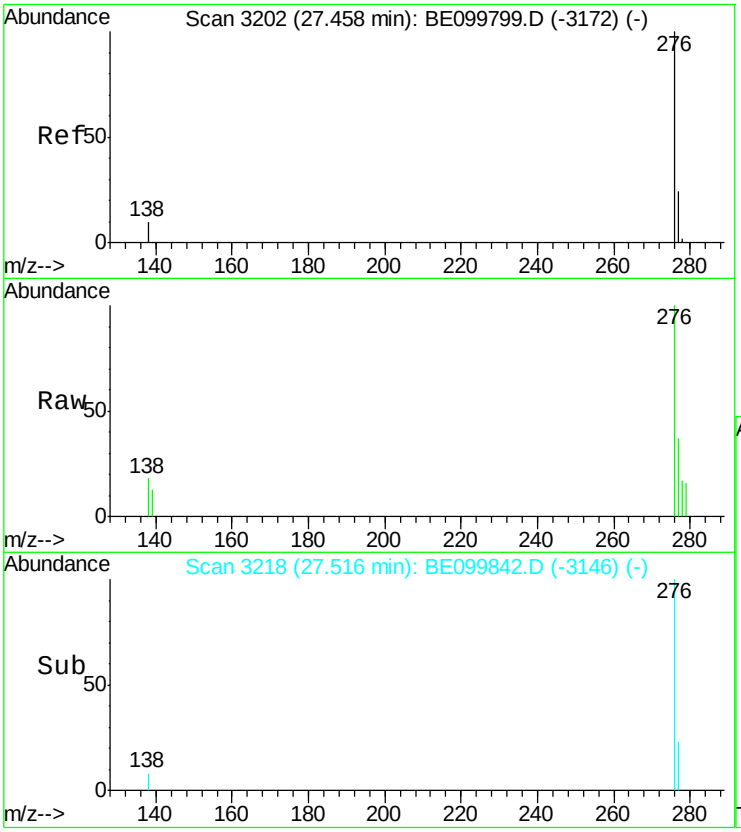


#37
Benzo(a)pyrene
Concen: 0.265 ng
RT: 23.86 min Scan# 2196
Delta R.T. 0.02 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Tgt Ion:252 Resp: 8806

Ion	Ratio	Lower	Upper
252	100		
253	56.1	19.3	28.9#
125	57.3	10.2	15.4#





#39
Benzo(g,h,i)perylene
Concen: 1.251 ng
RT: 27.52 min Scan# 3218
Delta R.T. 0.06 min
Lab File: BE099842.D
Acq: 7 Jun 2019 3:27

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW313S-20190605

Tgt Ion:276 Resp: 44412

Ion	Ratio	Lower	Upper
276	100		
277	37.1	19.6	29.4#
138	18.3	9.0	13.4#