Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111418\
Data File : BE098225.D
Acq On : 14 Nov 2018 15:21
Operator : SJ/JU
Sample : J5845-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-181106

Quant Time: Nov 14 16:35:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	971	0.40	ng		0.01
7) Naphthalene-d8	10.68	136	4535	0.40	ng		0.01
13) Acenaphthene-d10	14.54	164	3052	0.40	ng		0.01
19) Phenanthrene-d10	17.28	188	7467	0.40	ng		0.00
27) Chrysene-d12	21.46	240	7892	0.40	ng		0.00
34) Perylene-d12	24.02	264	7426	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	614	0.22	ng		0.01
5) Phenol-d6	7.06	99	639	0.15	ng		0.01
8) Nitrobenzene-d5	9.03	82	1889	0.42	ng		0.01
11) 2-Methylnaphthalene-d10	12.28	152	2938	0.37	ng		0.01
14) 2,4,6-Tribromophenol	16.03	330	492	0.37	ng		0.01
15) 2-Fluorobiphenyl	13.16	172	12422	0.97	ng		0.01
25) Fluoranthene-d10	19.31	212	35319	0.38	ng		0.00
29) Terphenyl-d14	19.91	244	12959	0.72	ng		0.00
Target Compounds							Qvalue
12) 2-Methylnaphthalene	12.35	142	176	0.022	ng	#	82
18) Fluorene	15.58	166	232	0.021	ng	#	96
20) 4-Bromophenyl-phenylether	16.48	248	140	0.031	ng		90
21) Hexachlorobenzene	16.59	284	199	0.042	ng		97
23) Phenanthrene	17.33	178	864	0.046	ng		98
24) Anthracene	17.42	178	731	0.042	ng		99
26) Fluoranthene	19.34	202	1506	0.065	ng	#	96
28) Pyrene	19.71	202	1531	0.070	ng		98
30) Benzo(a)anthracene	21.45	228	1122	0.050	ng	#	92
31) Chrysene	21.51	228	1053	0.046	ng	#	89
32) Bis(2-ethylhexyl)phthalate	21.37	149	3853	0.083	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.72	276	592	0.028	ng	#	92
35) Benzo(b)fluoranthene	23.23	252	847	0.040	ng	#	46
36) Benzo(k)fluoranthene	23.28	252	813	0.037	ng	#	51
37) Benzo(a)pyrene	23.90	252	727	0.036	ng	#	32
38) Dibenzo(a,h)anthracene	26.75	278	413	0.024	ng	#	23

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

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Misc :
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Instrument :
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OUTFALL001-181106

Quant Time: Nov 14 16:35:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
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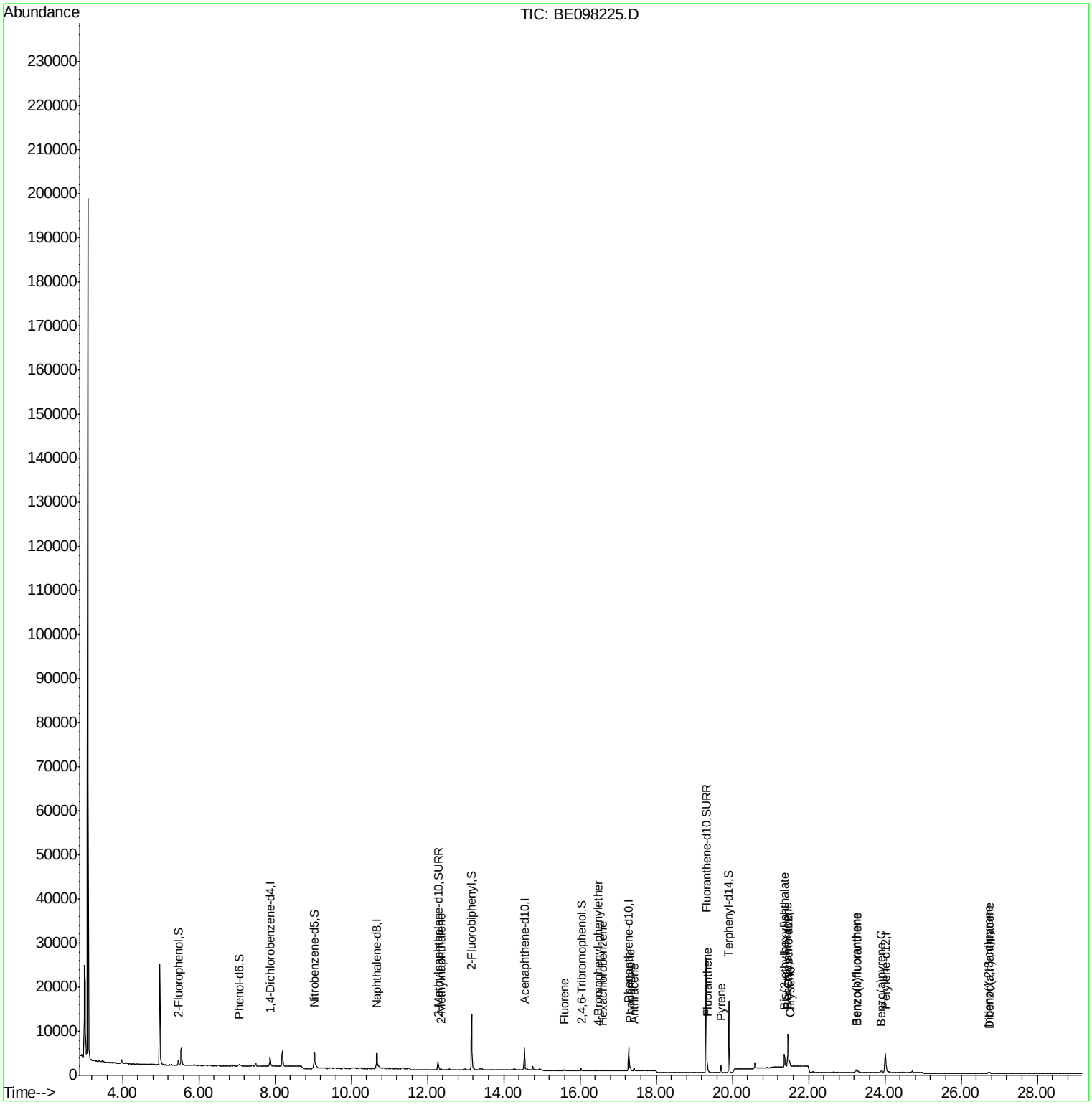
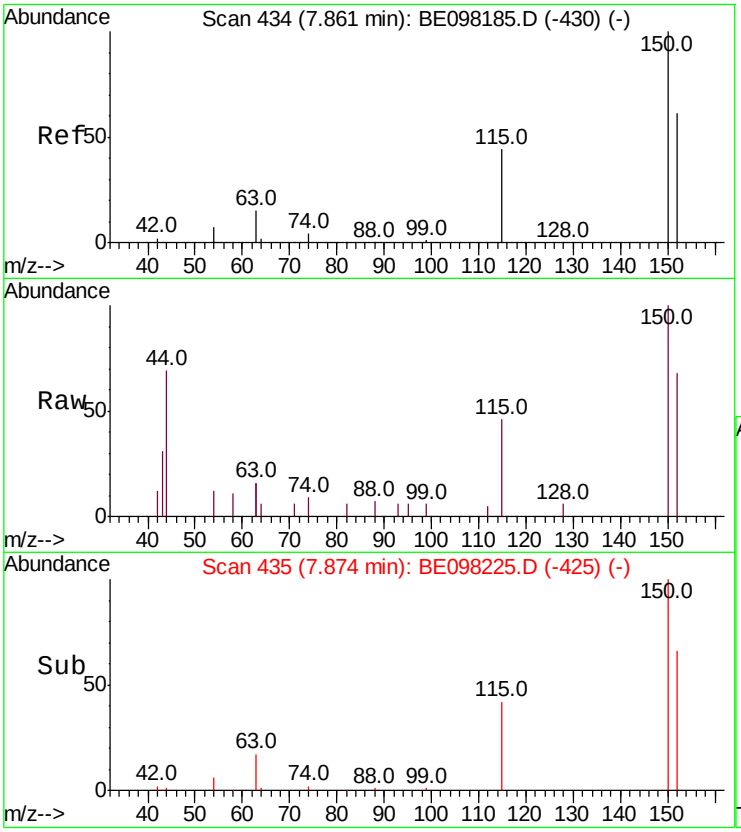


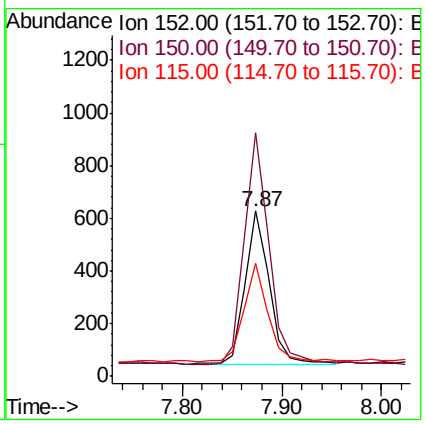


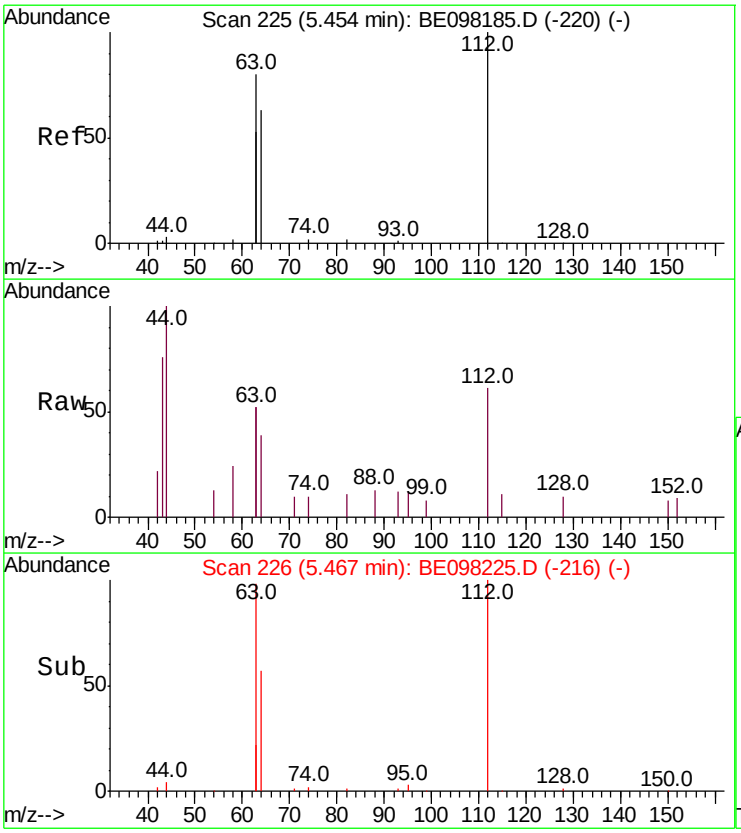
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:152 Resp: 971

Ion	Ratio	Lower	Upper
152	100		
150	147.4	127.5	191.3
115	68.3	60.3	90.5

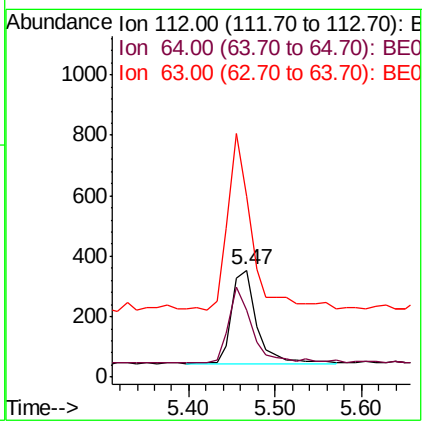


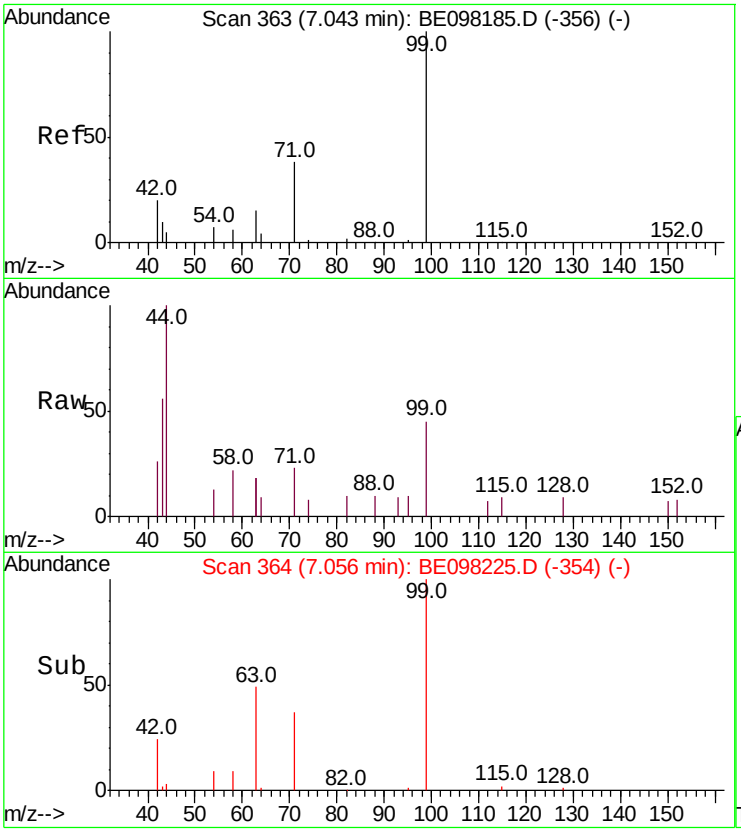


#4
2-Fluorophenol
Concen: 0.224 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:112 Resp: 614

Ion	Ratio	Lower	Upper
112	100		
64	74.9	61.7	92.5
63	184.9	136.2	204.2



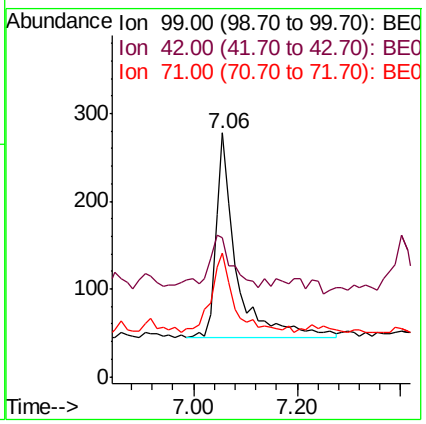


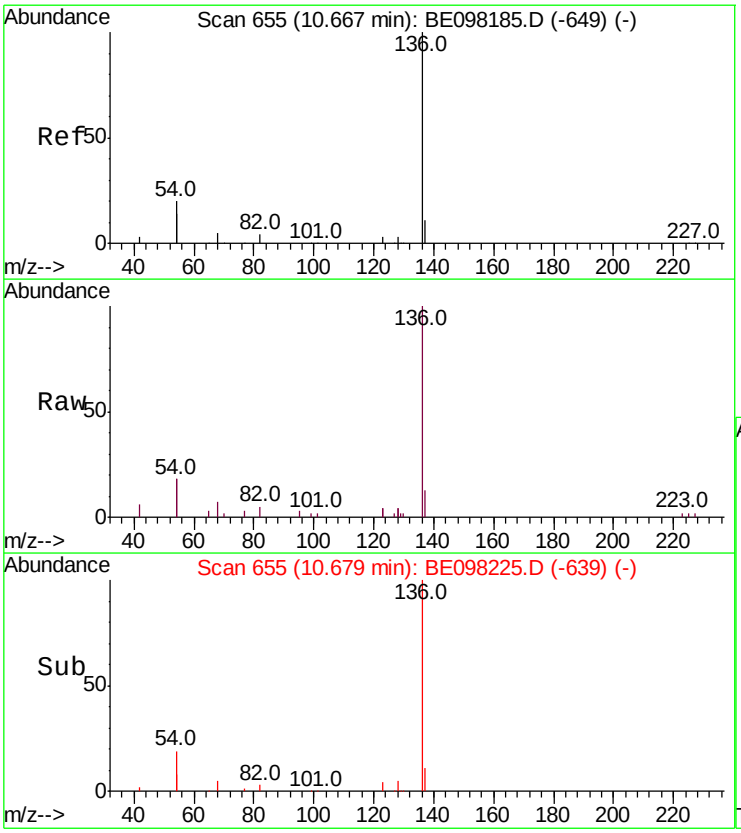
#5
Phenol-d6
Concen: 0.145 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion: 99 Resp: 639

Ion	Ratio	Lower	Upper
99	100		
42	29.3	27.1	40.7
71	41.5	37.0	55.6

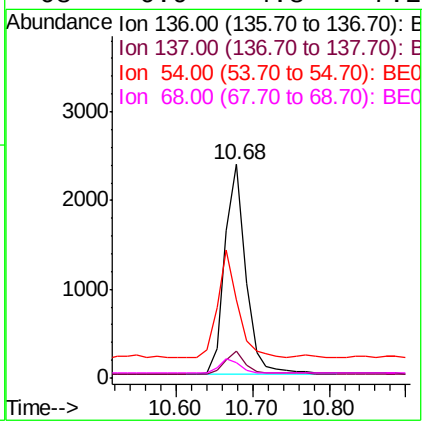


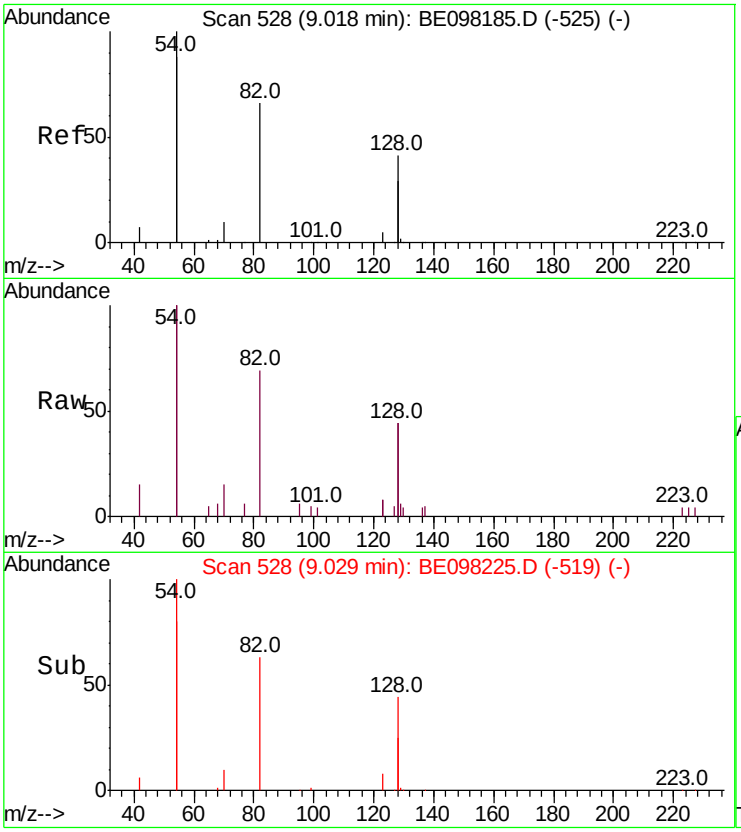


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:136 Resp: 4535

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.5	14.3
54	36.7	31.3	46.9
68	6.9	4.8	7.2



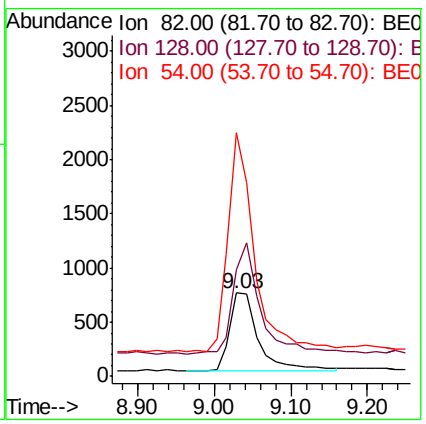


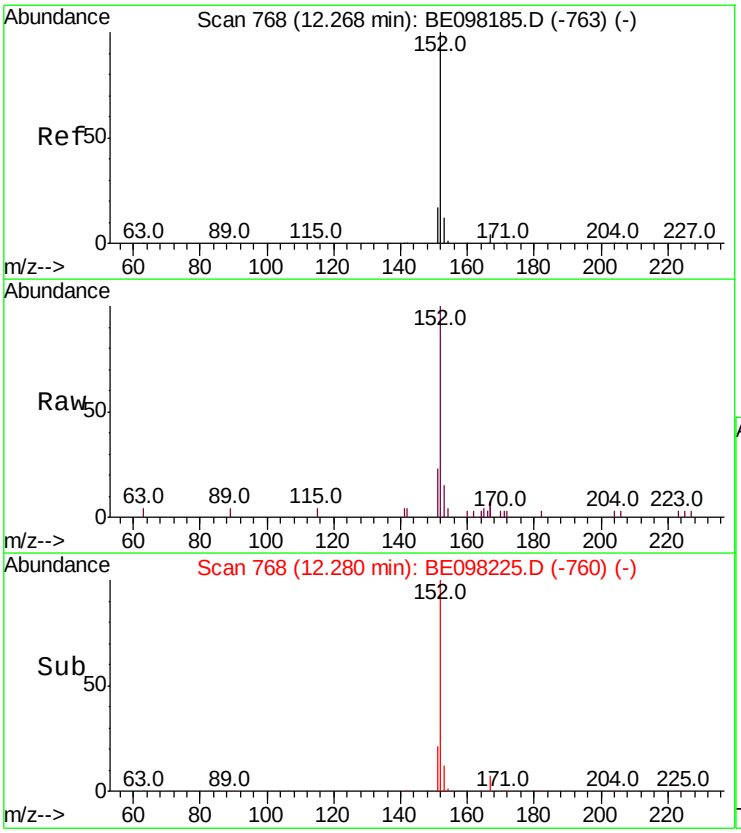
#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion: 82 Resp: 1889

Ion	Ratio	Lower	Upper
82	100		
128	127.8	96.1	144.1
54	291.9	232.0	348.0

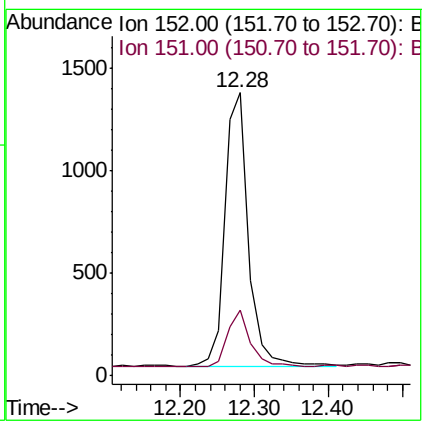


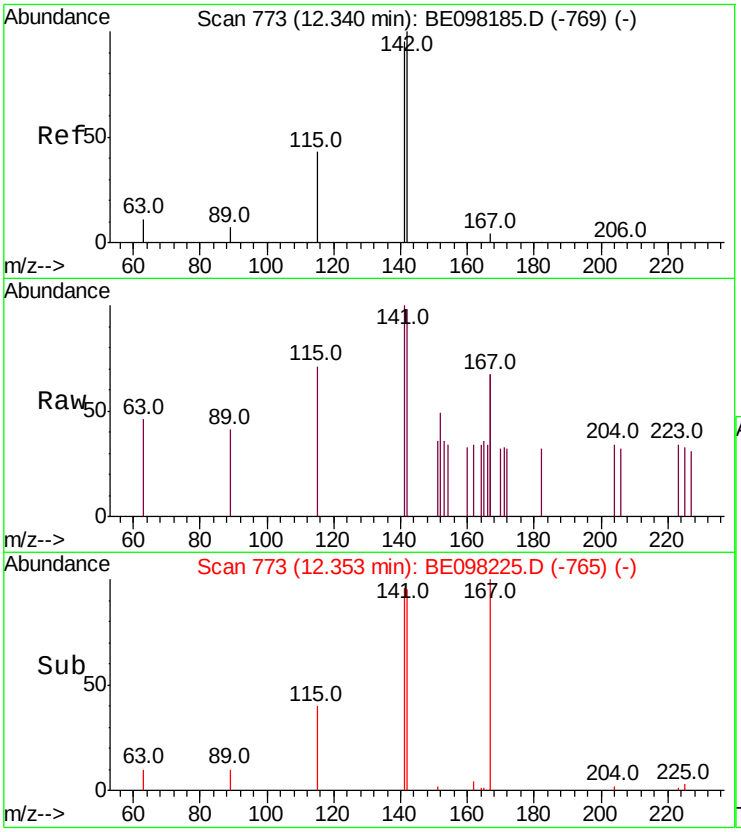


#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:152 Resp: 2938

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2



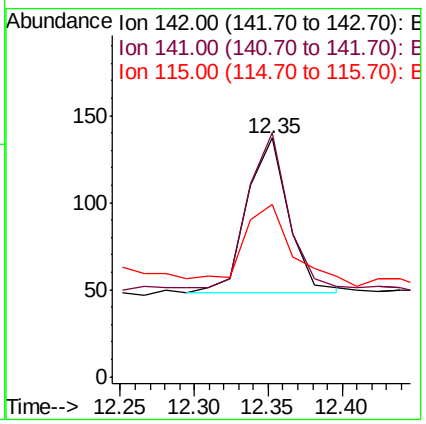


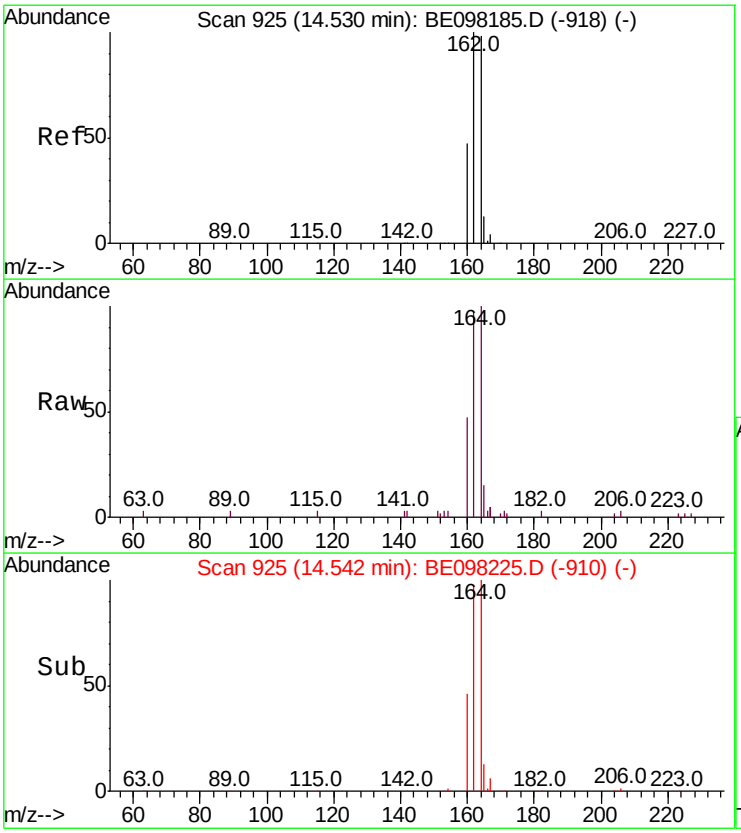
#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.35 min Scan# 773
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:142 Resp: 176

Ion	Ratio	Lower	Upper
142	100		
141	102.2	76.3	114.5
115	72.3	35.8	53.8#

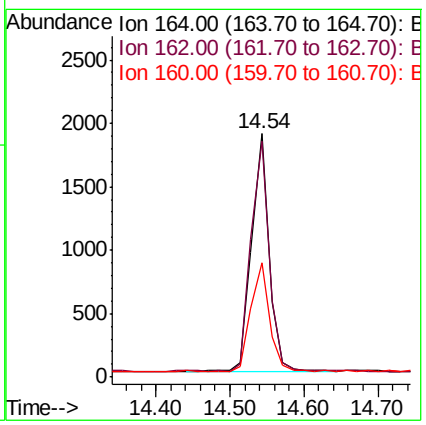


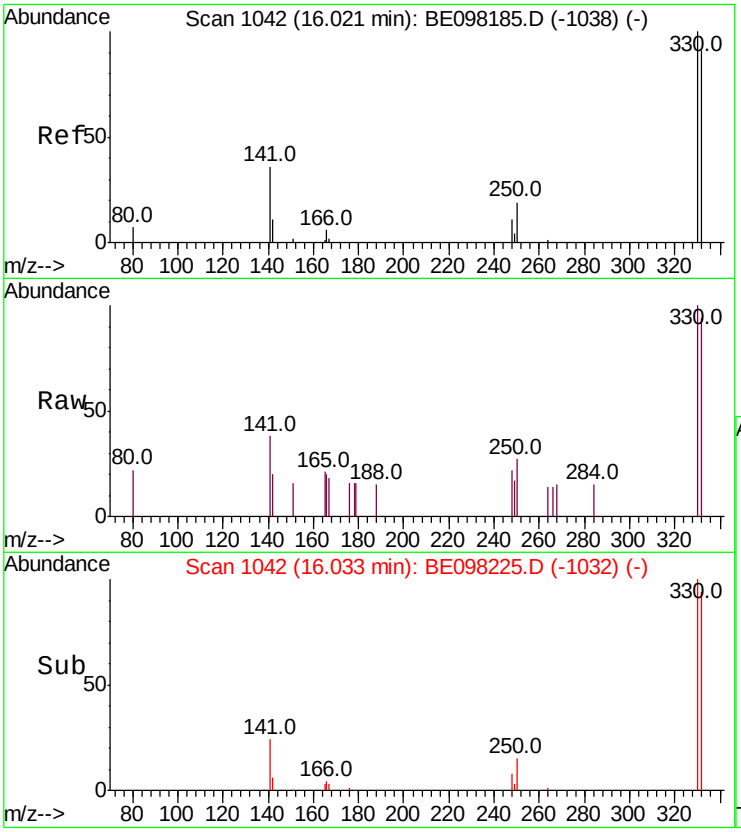


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:164 Resp: 3052

Ion	Ratio	Lower	Upper
164	100		
162	97.0	81.8	122.6
160	47.0	39.4	59.0



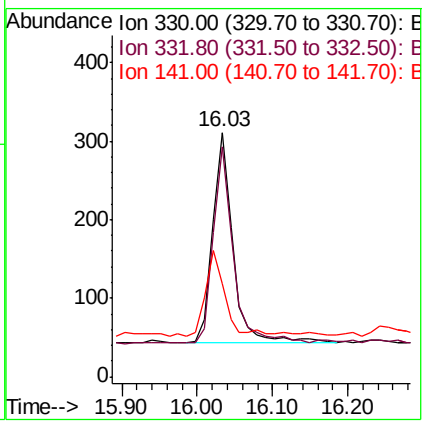


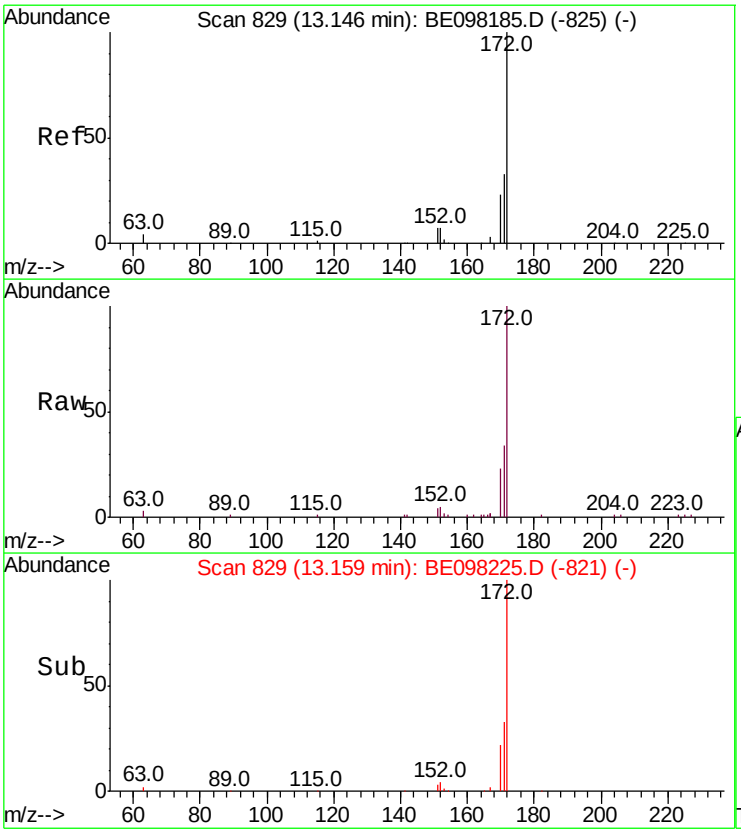
#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:330 Resp: 492

Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.7	116.5
141	40.2	33.6	50.4

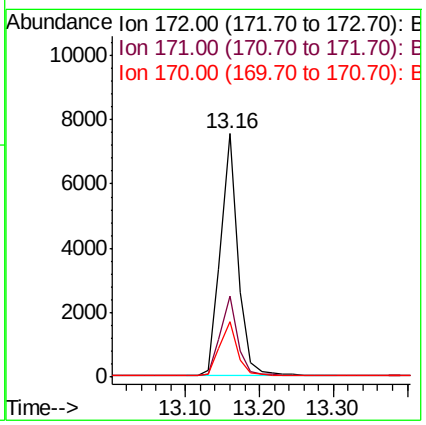


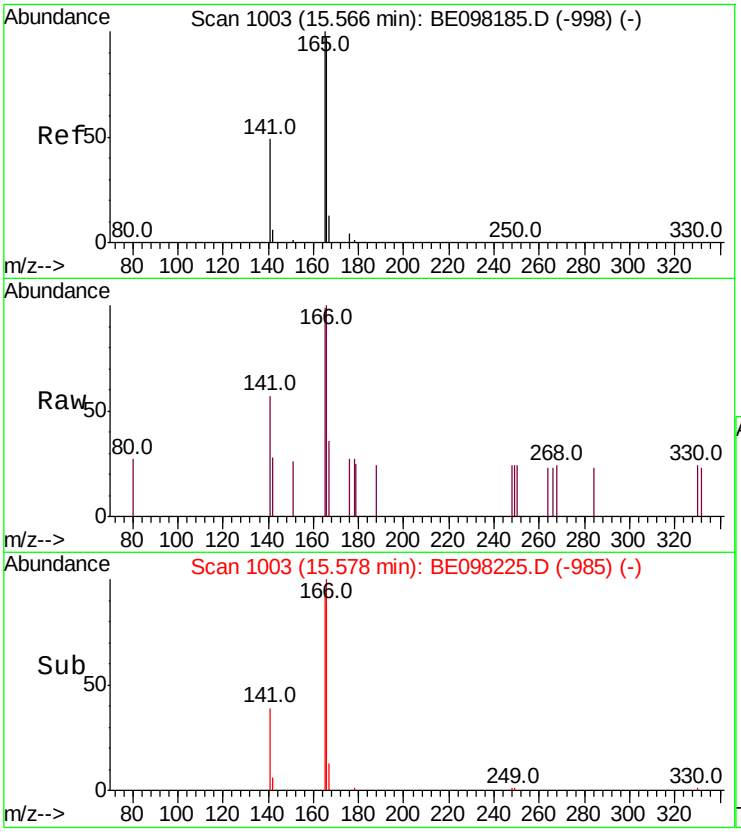


#15
2-Fluorobiphenyl
Concen: 0.972 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:172 Resp: 12422

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.3	40.9
170	22.6	19.4	29.0



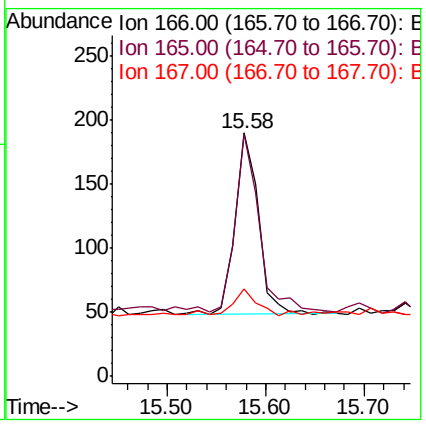


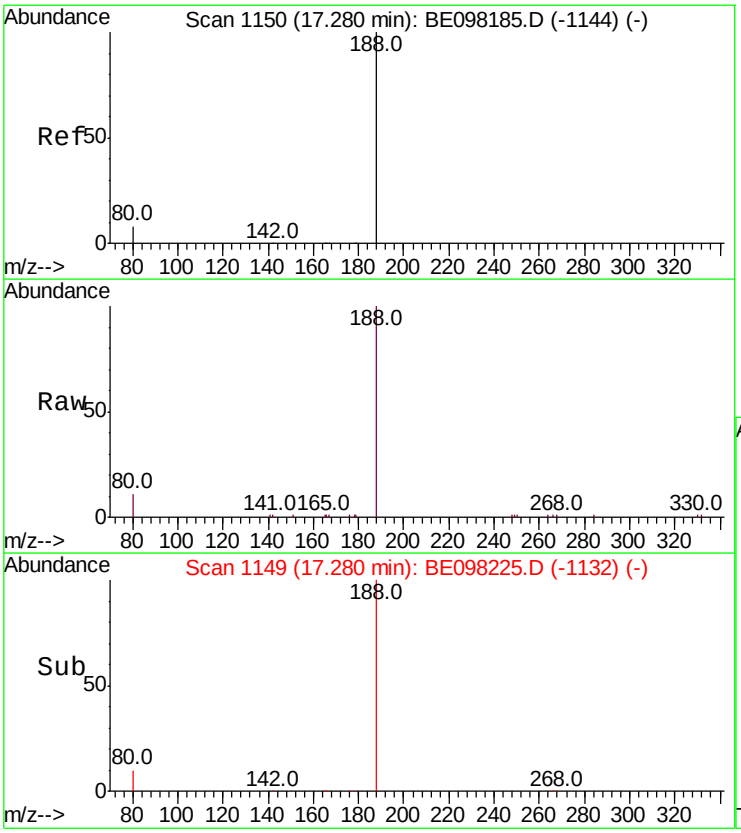
#18
Fluorene
Concen: 0.021 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:166 Resp: 232

Ion	Ratio	Lower	Upper
166	100		
165	102.2	80.1	120.1
167	19.4	10.8	16.2#

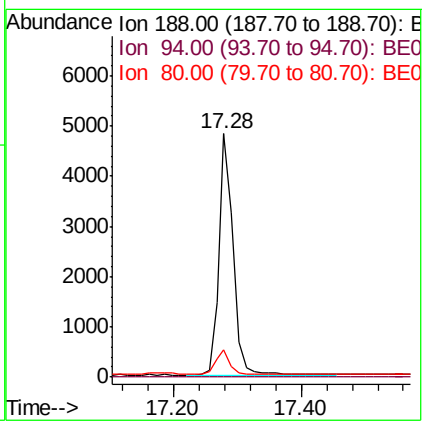


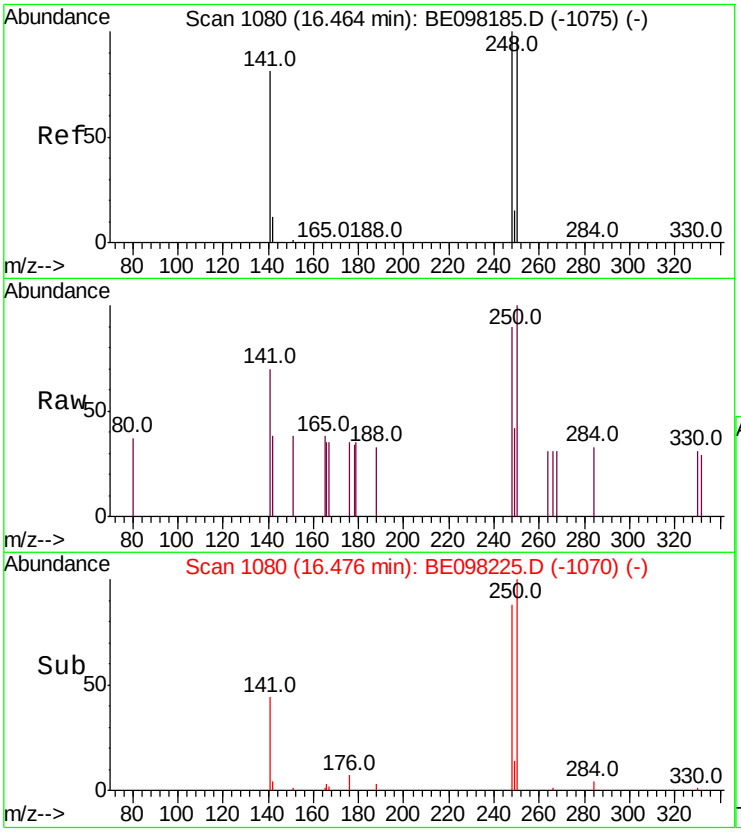


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:188 Resp: 7467

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	6.7	10.1#



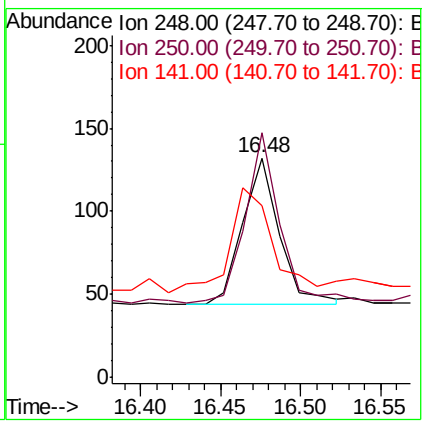


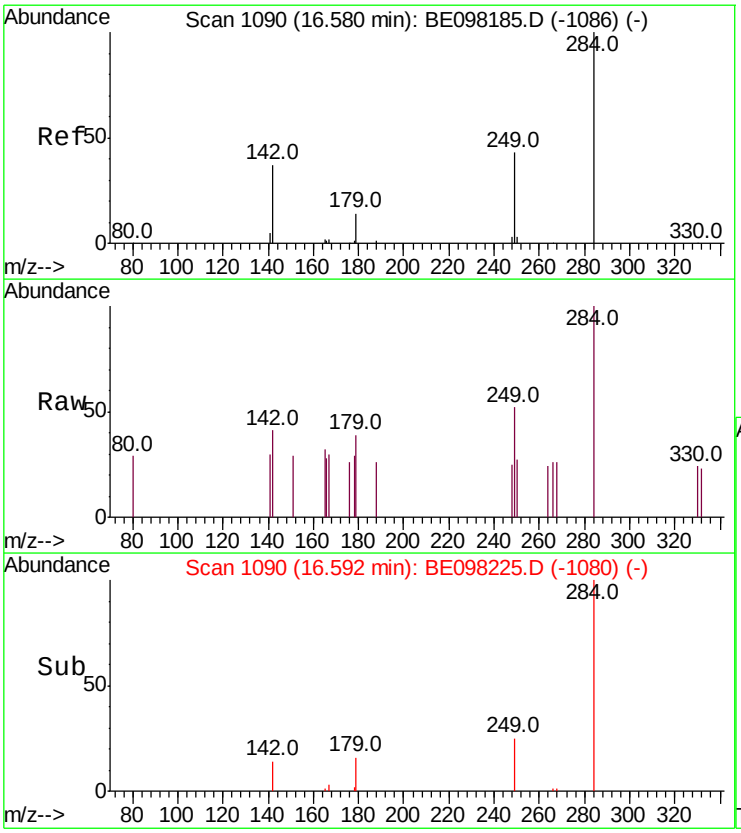
#20
4-Bromophenyl-phenylether
Concen: 0.031 ng
RT: 16.48 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:248 Resp: 140

Ion	Ratio	Lower	Upper
248	100		
250	111.4	77.6	116.4
141	78.0	65.8	98.8

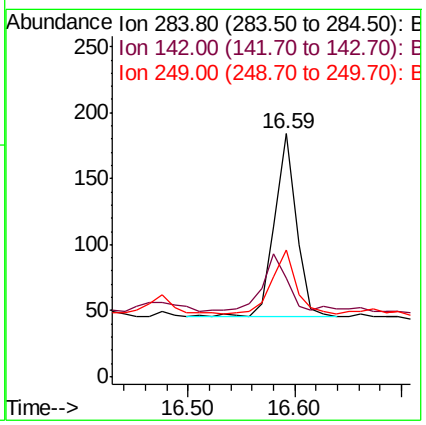


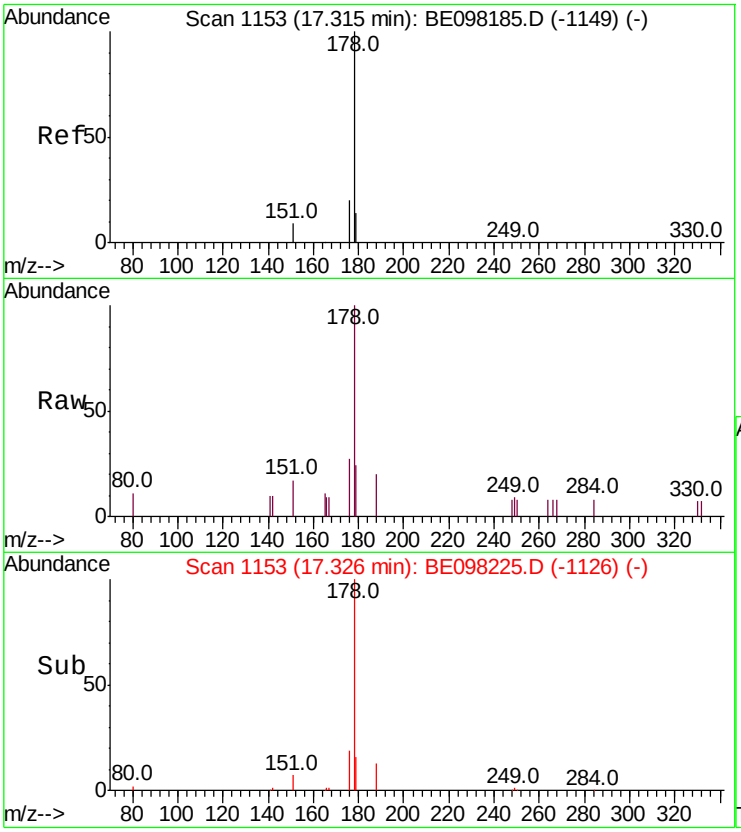


#21
Hexachlorobenzene
Concen: 0.042 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:284 Resp: 199

Ion	Ratio	Lower	Upper
284	100		
142	33.2	26.5	39.7
249	39.2	28.4	42.6



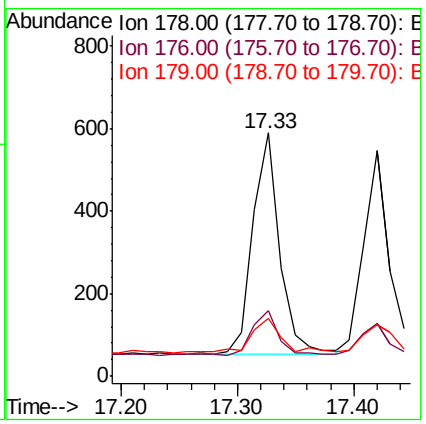


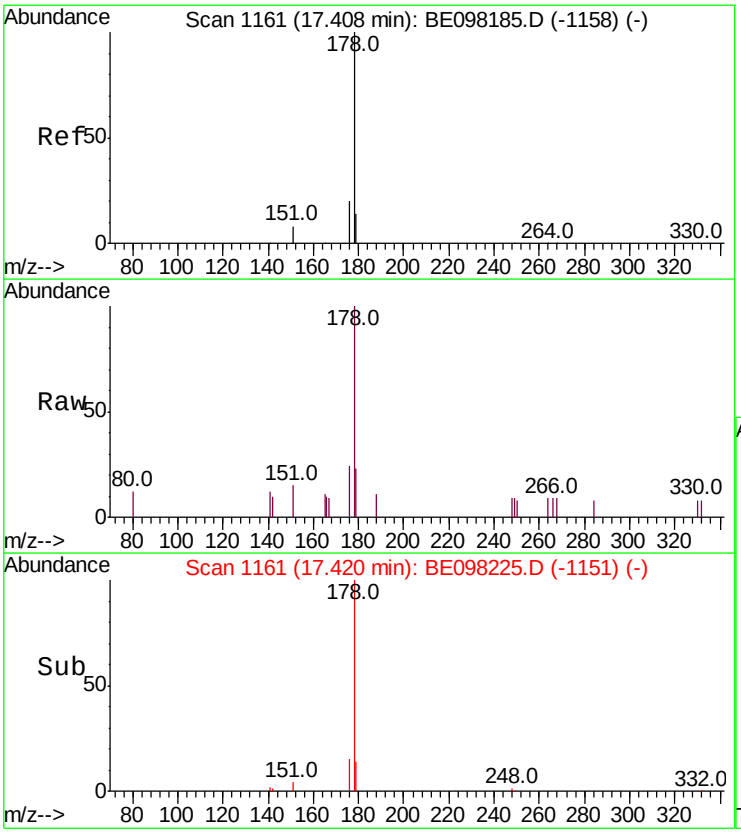
#23
Phenanthrene
Concen: 0.046 ng
RT: 17.33 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:178 Resp: 864

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	17.1	12.3	18.5

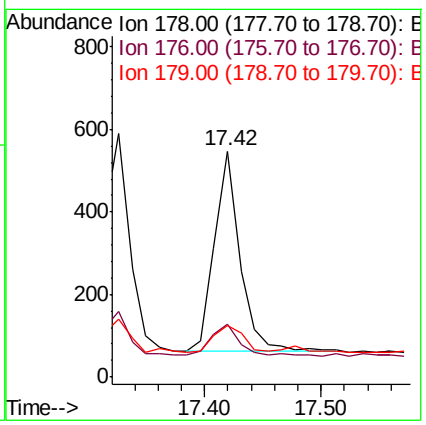


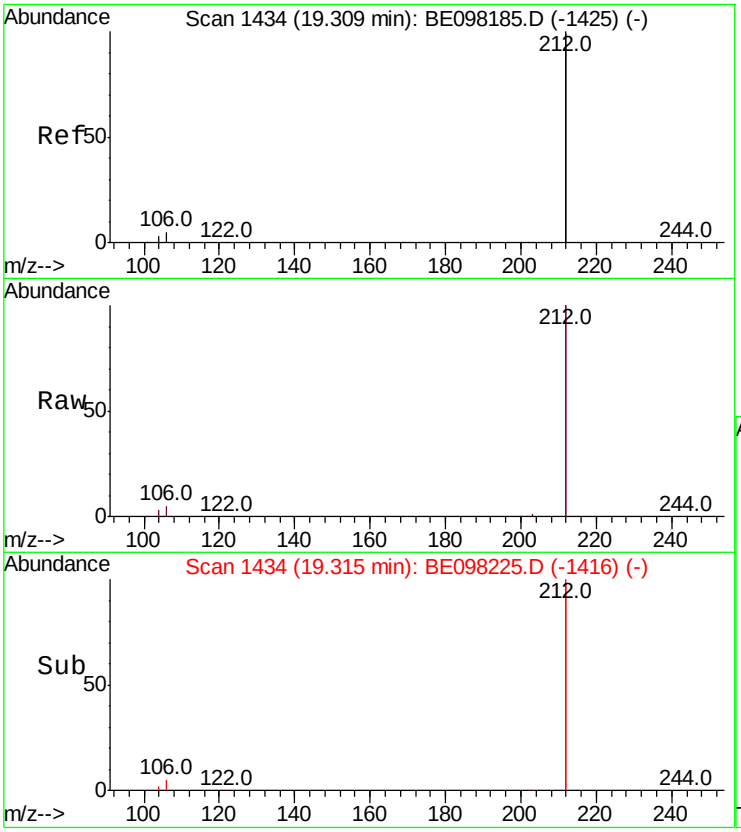


#24
Anthracene
Concen: 0.042 ng
RT: 17.42 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:178 Resp: 731

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.1	12.1	18.1



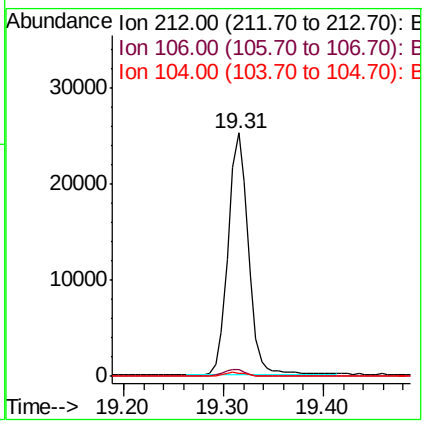


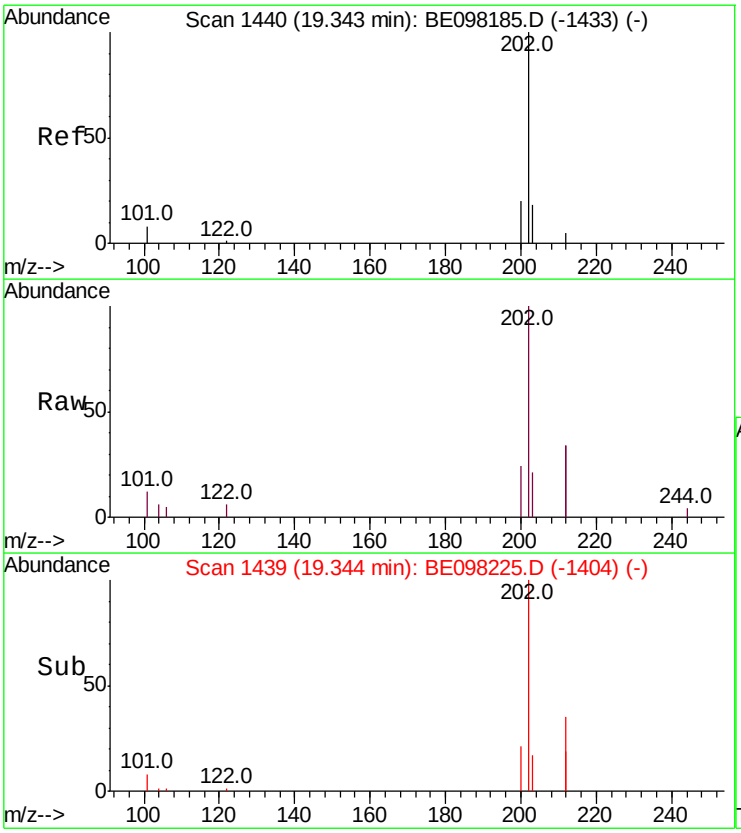
#25
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.31 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:212 Resp: 35319

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.1	1.7

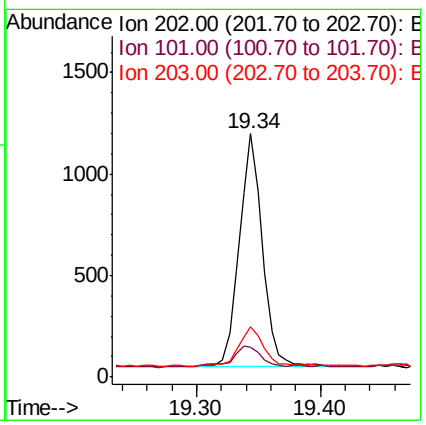


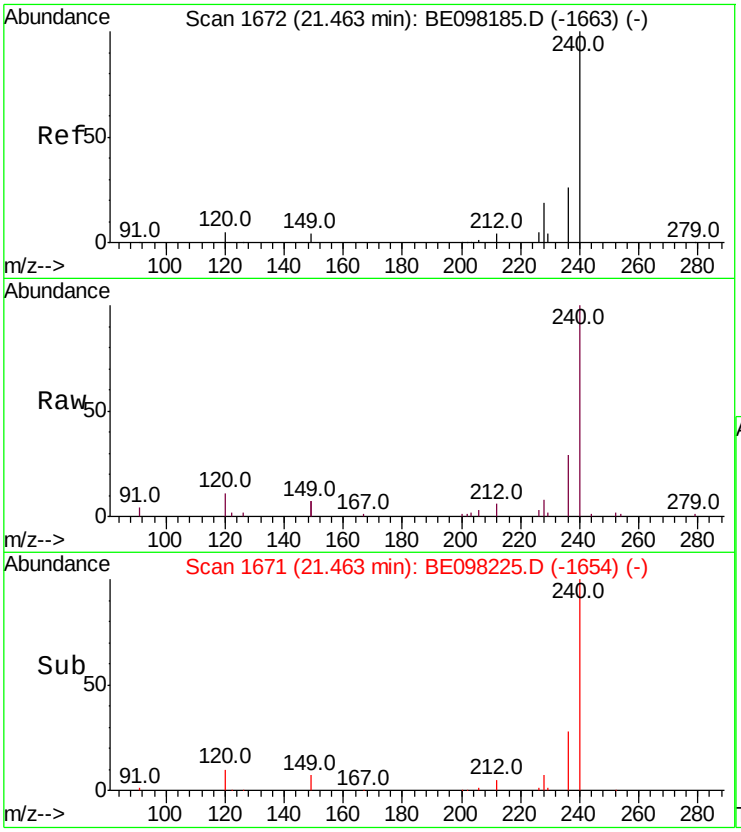


#26
Fluoranthene
Concen: 0.065 ng
RT: 19.34 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:202 Resp: 1506

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.0	10.6#
203	18.3	13.7	20.5



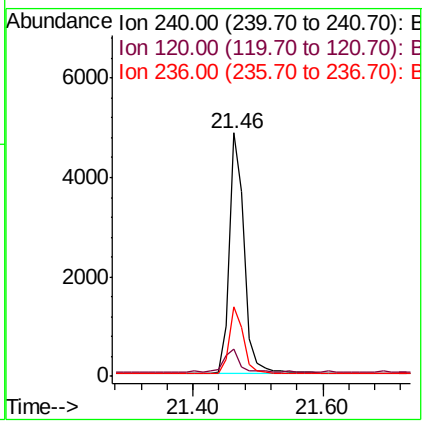


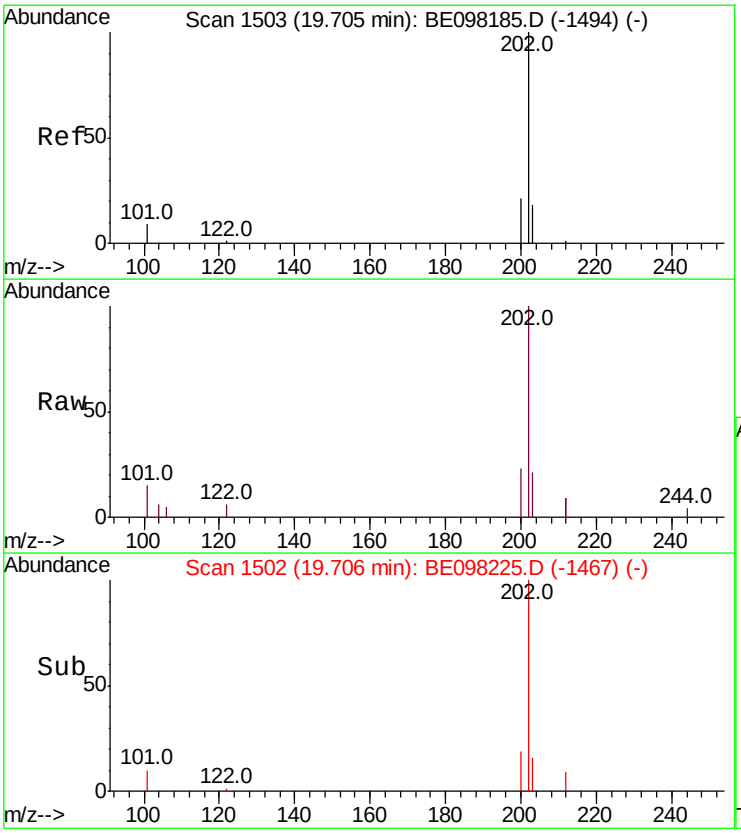
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:240 Resp: 7892

Ion	Ratio	Lower	Upper
240	100		
120	11.2	4.8	7.2#
236	28.5	21.4	32.0

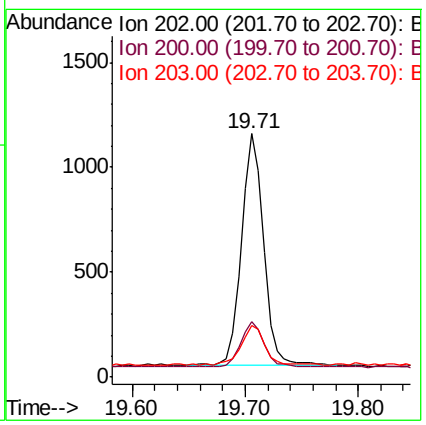


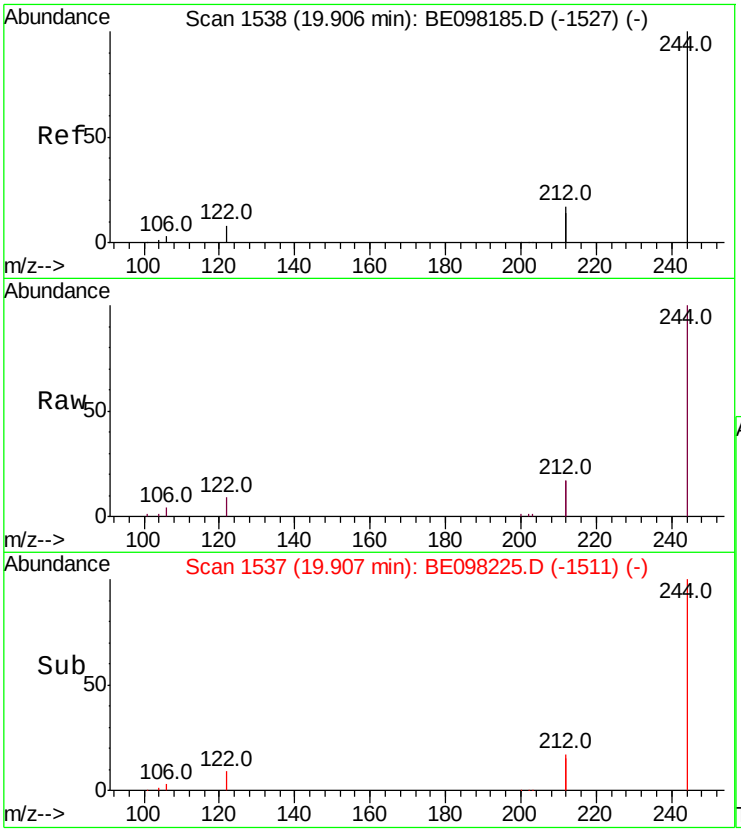


#28
Pyrene
Concen: 0.070 ng
RT: 19.71 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:202 Resp: 1531

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.2	25.8
203	18.7	14.2	21.4



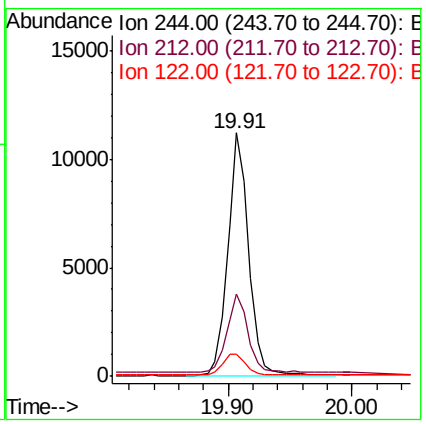


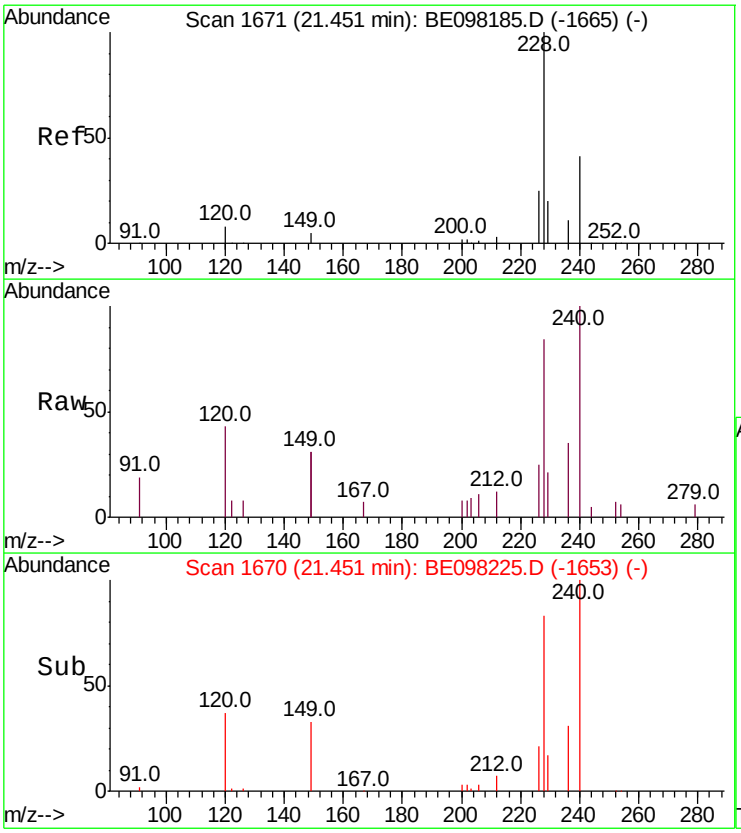
#29
Terphenyl-d14
Concen: 0.724 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:244 Resp: 12959

Ion	Ratio	Lower	Upper
244	100		
212	33.8	26.8	40.2
122	9.2	7.0	10.6

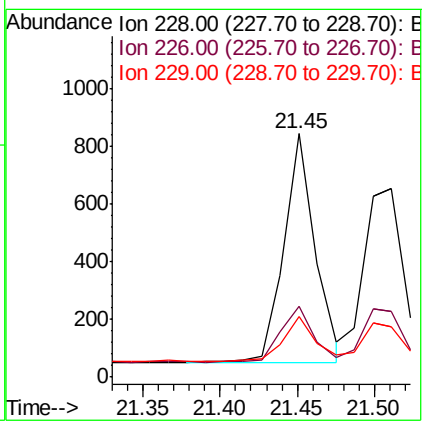


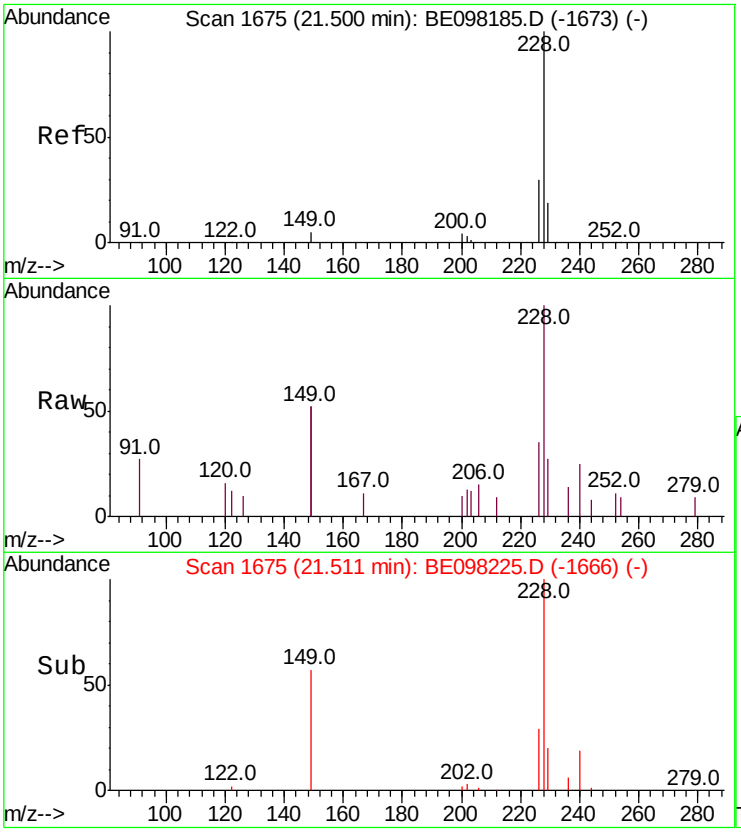


#30
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:228 Resp: 1122

Ion	Ratio	Lower	Upper
228	100		
226	29.3	20.7	31.1
229	25.1	16.2	24.4#



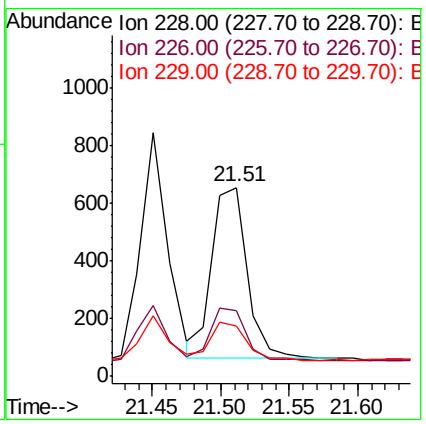


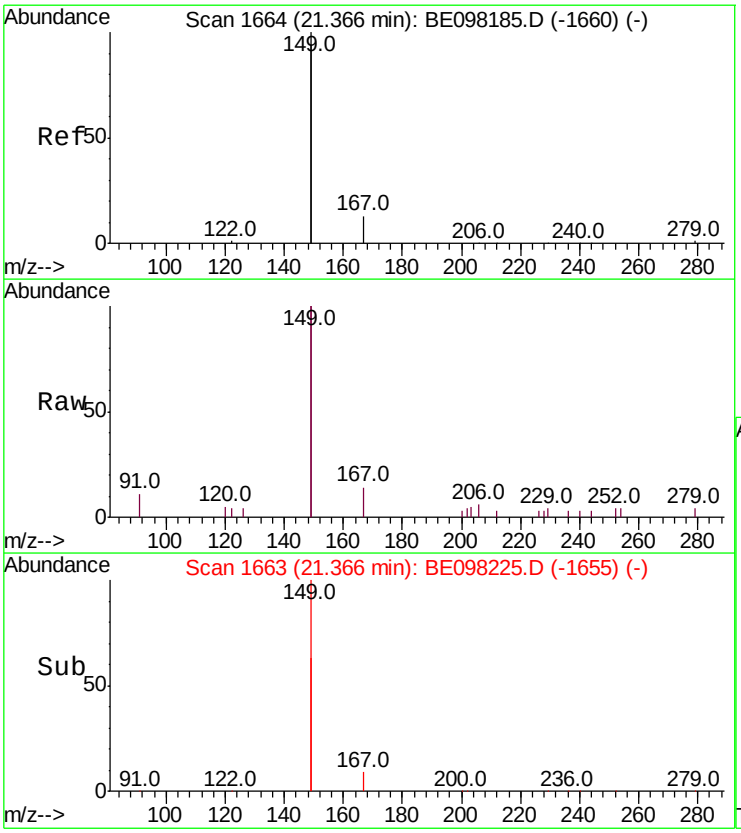
#31
Chrysene
Concen: 0.046 ng
RT: 21.51 min Scan# 1675
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:228 Resp: 1053

Ion	Ratio	Lower	Upper
228	100		
226	35.1	24.6	36.8
229	26.7	16.0	24.0#

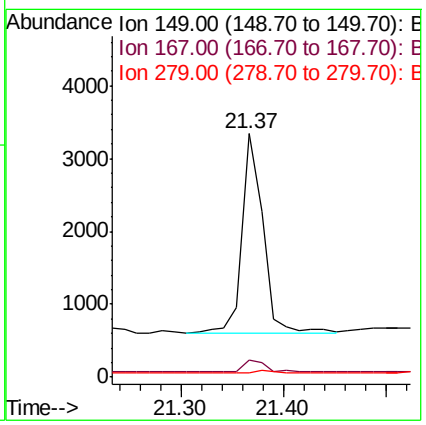


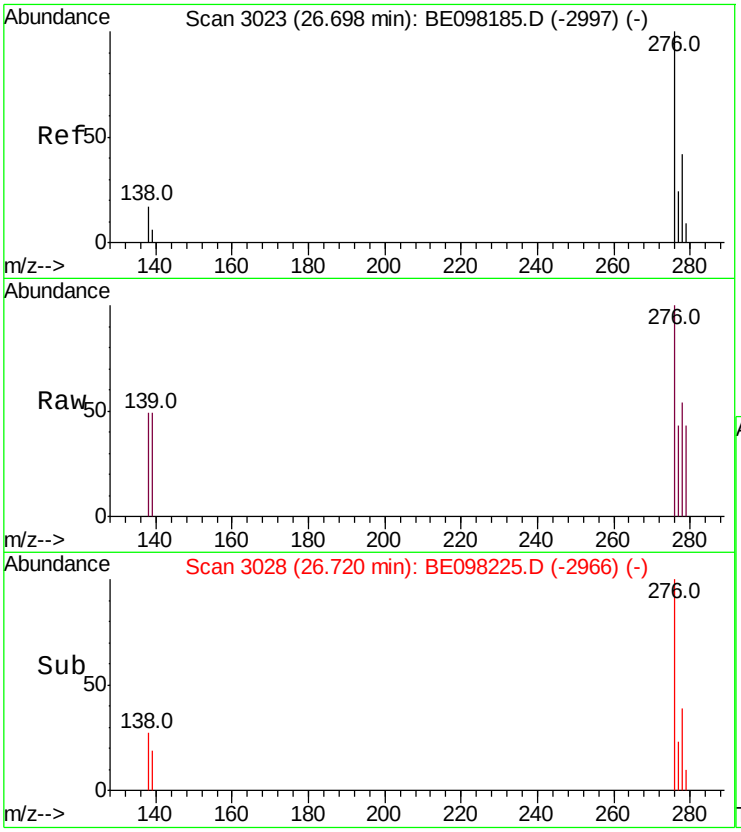


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:149 Resp: 3853

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.6	8.4
279	1.7	0.9	1.3#



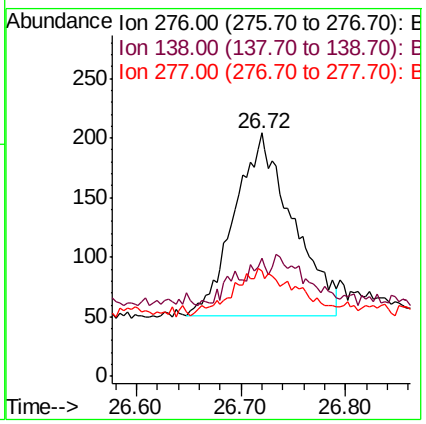


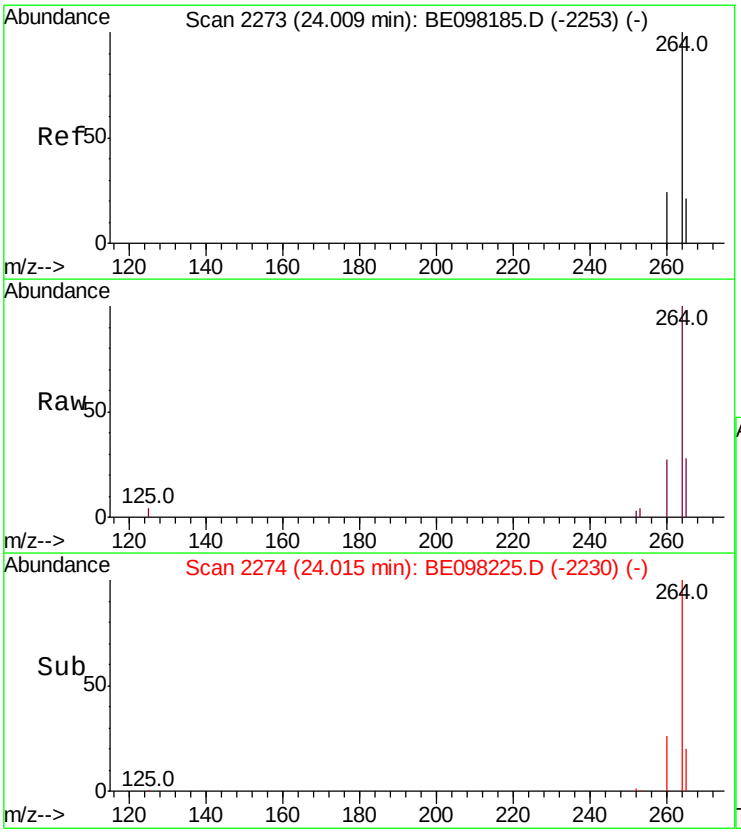
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng
RT: 26.72 min Scan# 3028
Delta R.T. 0.02 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:276 Resp: 592

Ion	Ratio	Lower	Upper
276	100		
138	5.2	6.4	9.6#
277	27.7	18.9	28.3

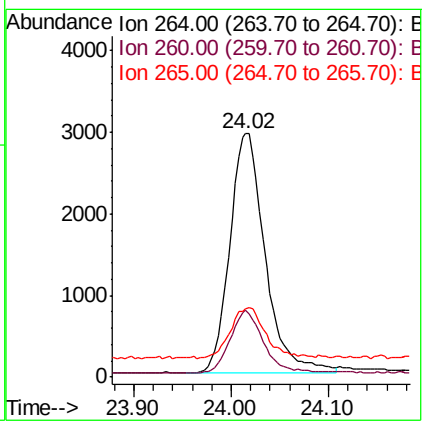


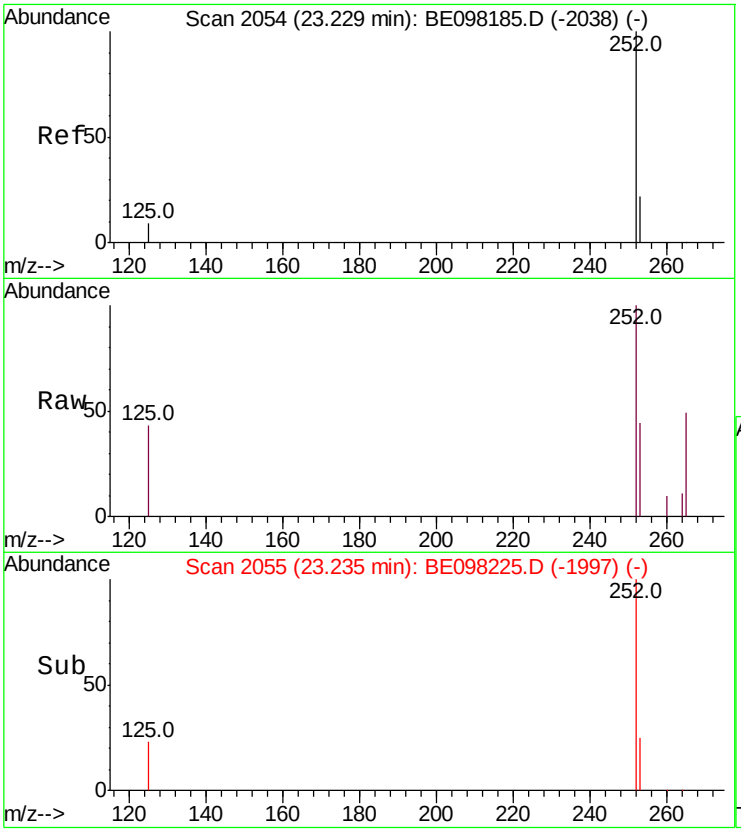


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.02 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:264 Resp: 7426

Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.9	29.9
265	28.2	21.3	31.9



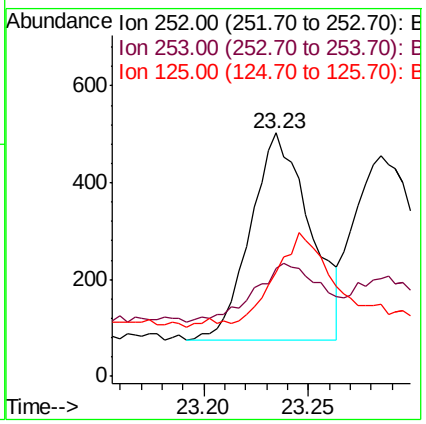


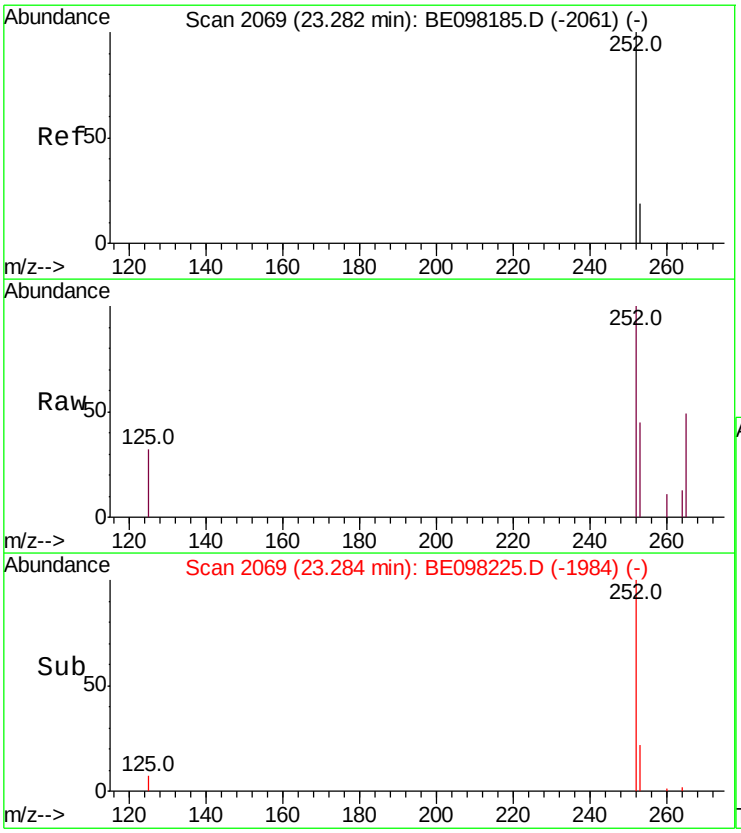
#35
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 23.23 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:252 Resp: 847

Ion	Ratio	Lower	Upper
252	100		
253	44.3	19.4	29.0#
125	42.9	8.6	12.8#

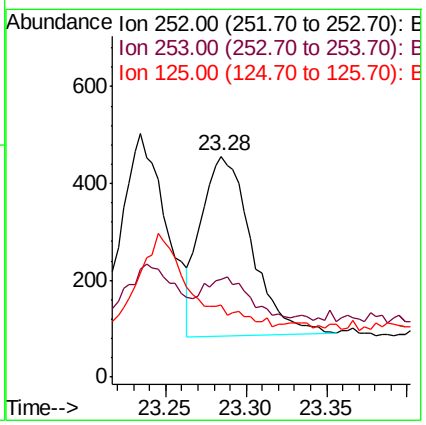


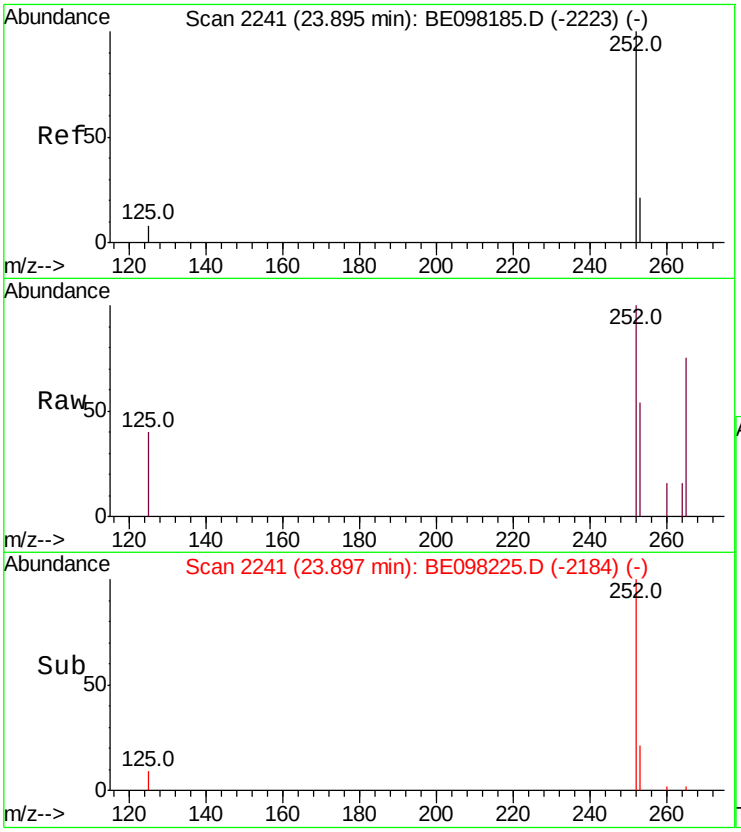


#36
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 23.28 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:252 Resp: 813

Ion	Ratio	Lower	Upper
252	100		
253	44.5	18.6	28.0#
125	32.5	7.4	11.0#



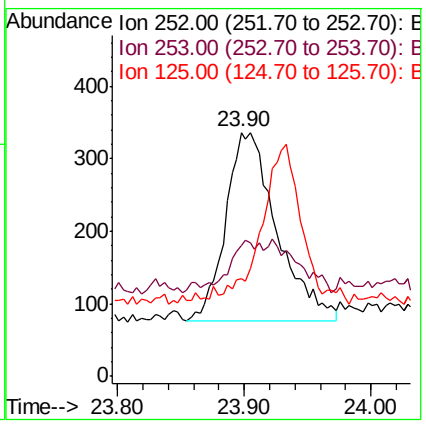


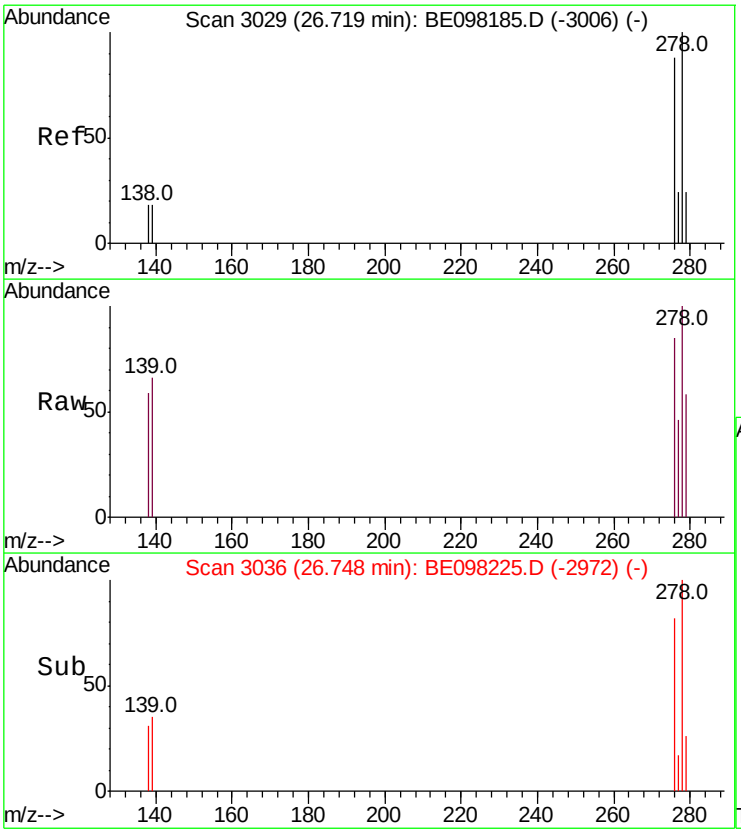
#37
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.90 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-181106

Tgt Ion:252 Resp: 727

Ion	Ratio	Lower	Upper
252	100		
253	53.6	18.6	27.8#
125	39.9	8.0	12.0#





#38
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 26.75 min Scan# 3036
Delta R.T. 0.03 min
Lab File: BE098225.D
Acq: 14 Nov 2018 15:21

Tgt Ion:278 Resp: 413

Ion	Ratio	Lower	Upper
278	100		
139	66.2	16.4	24.6#
279	58.0	21.3	31.9#