Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
Data File : BE095044.D
Acq On : 22 Dec 2017 14:05
Operator : SJ/JU
Sample : I7014-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-171219

Quant Time: Dec 22 18:02:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	5960	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13915	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7674	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17698	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	17130	0.40	ng	-0.03
34) Perylene-d12	24.49	264	14371	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1424	0.15	ng	-0.01
5) Phenol-d6	7.58	99	1332	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	4151	0.36	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	6413	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	806	0.45	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	85600	2.52	ng	-0.01
25) Fluoranthene-d10	19.72	212	65040	0.28	ng	-0.03
29) Terphenyl-d14	20.28	244	186836	5.79	ng	-0.03
Target Compounds						Qvalue
9) Naphthalene	11.36	128	122855	0.752	ng	99
12) 2-Methylnaphthalene	12.91	142	1752	0.043	ng	97
23) Phenanthrene	17.79	178	1236	0.022	ng	98
32) Bis(2-ethylhexyl)phthalate	21.70	149	5037	0.079	ng	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122217\
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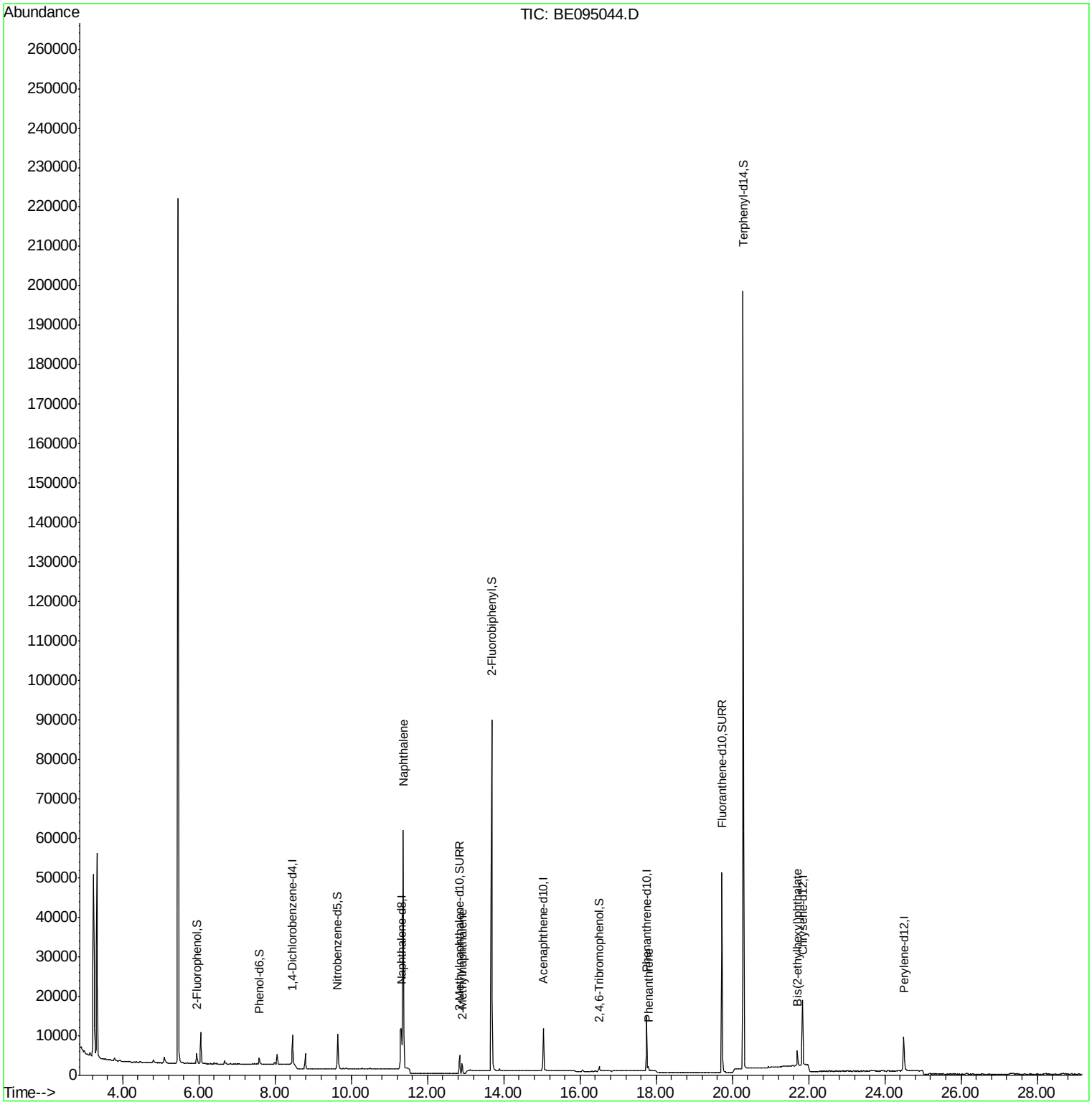
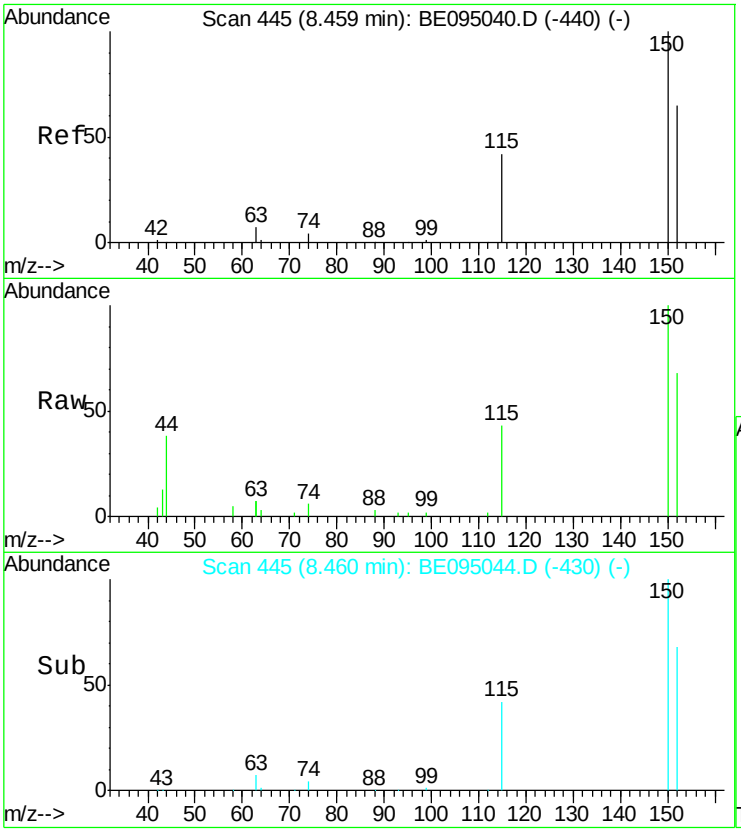
Quant Time: Dec 22 18:02:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



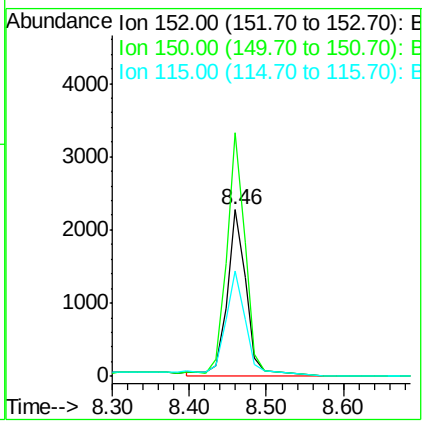


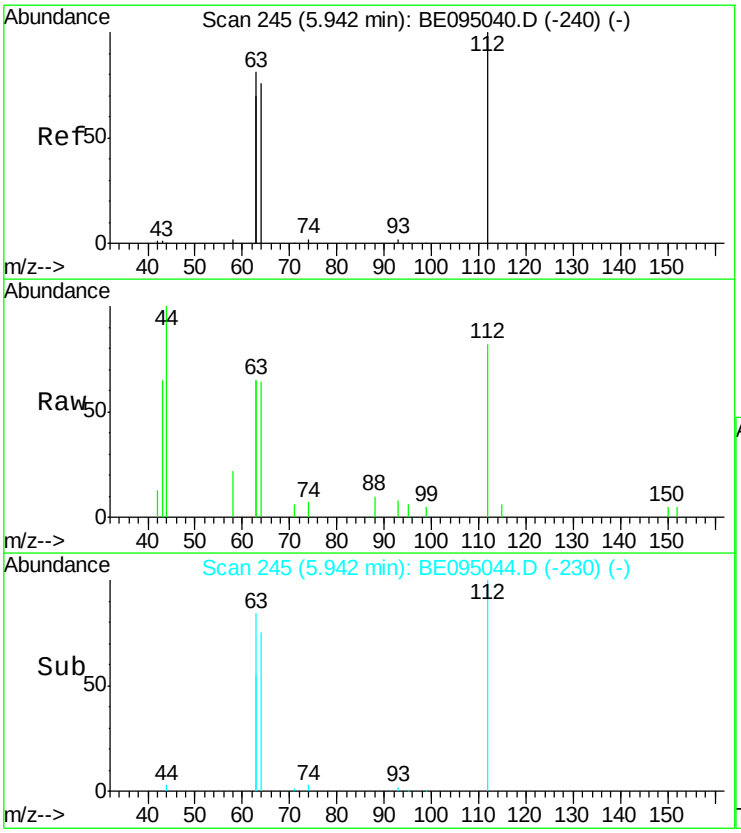
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:152 Resp: 5960

Ion	Ratio	Lower	Upper
152	100		
150	146.1	117.2	175.8
115	63.2	57.0	85.6

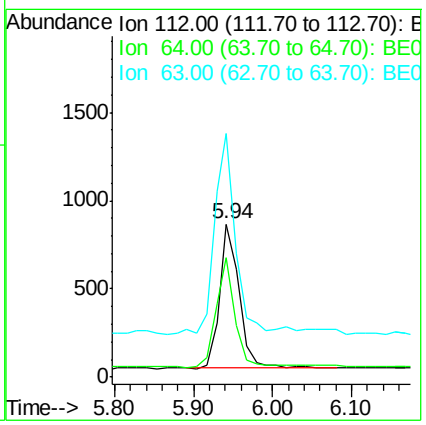


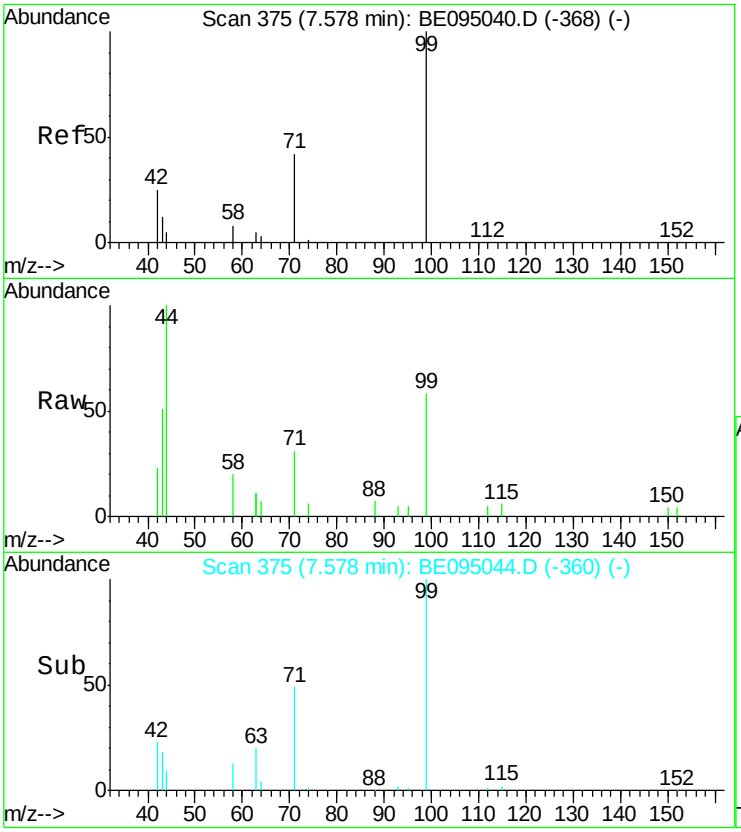


#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:112 Resp: 1424

Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	147.5	116.8	175.2



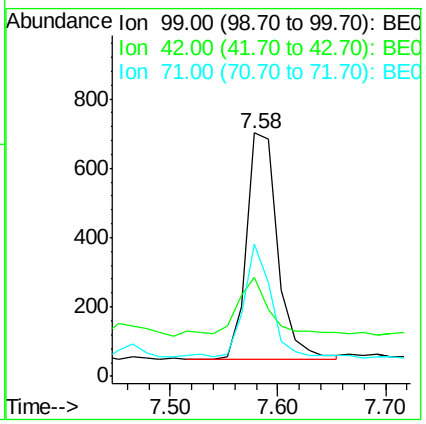


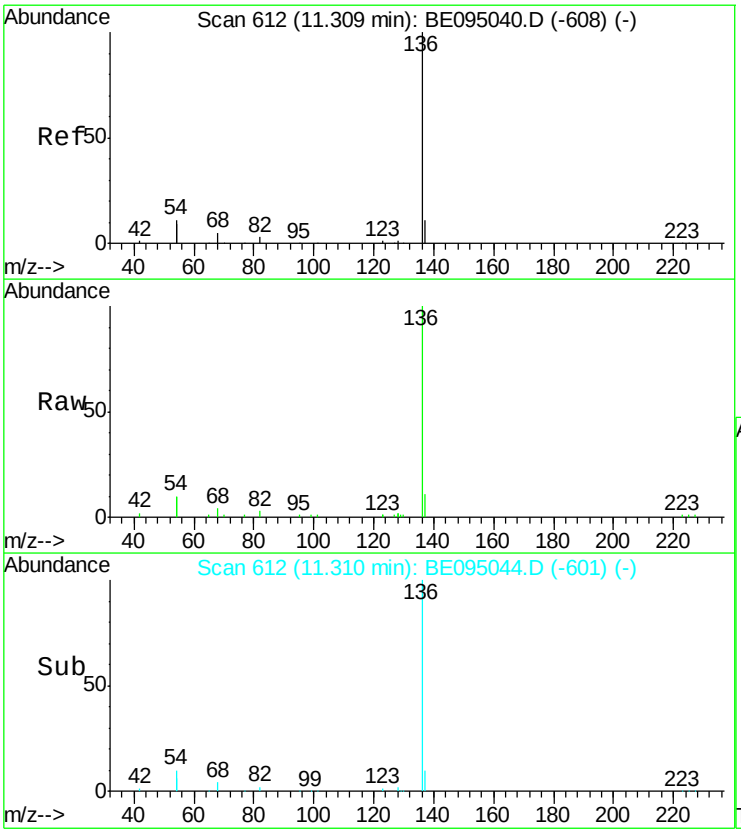
#5
Phenol-d6
Concen: 0.097 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion: 99 Resp: 1332

Ion	Ratio	Lower	Upper
99	100		
42	31.2	20.2	30.2#
71	44.7	28.4	42.6#

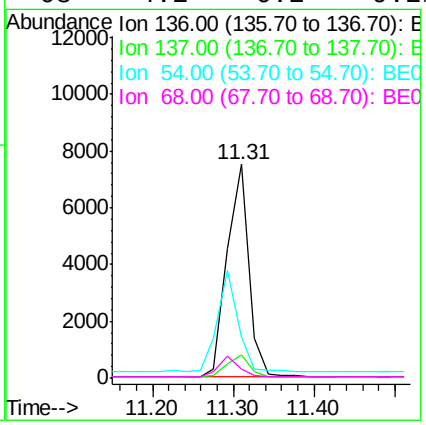


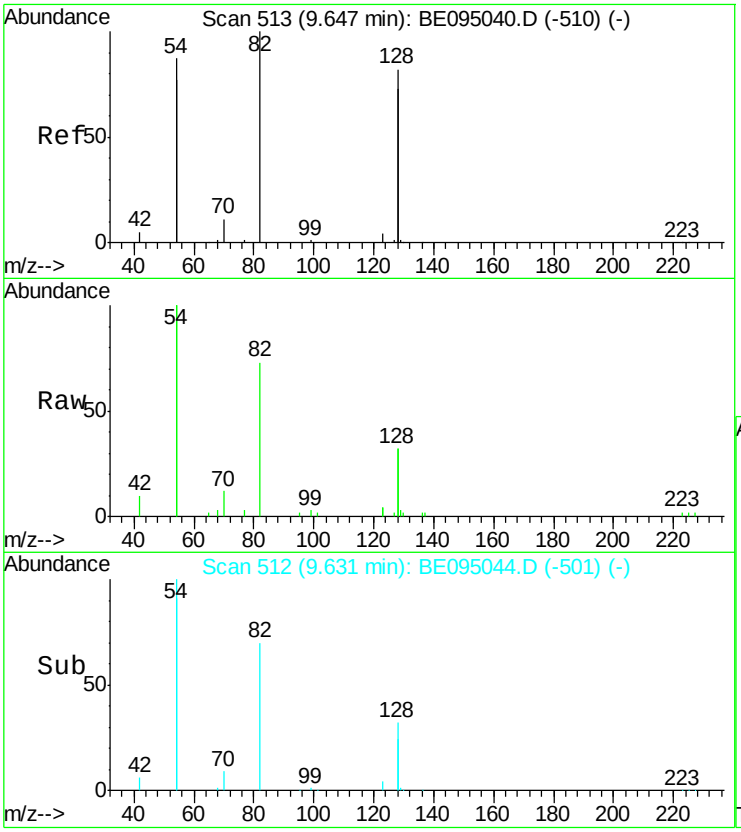


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:136 Resp: 13915

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.5	14.3
54	19.0	29.1	43.7#
68	4.2	6.2	9.2#



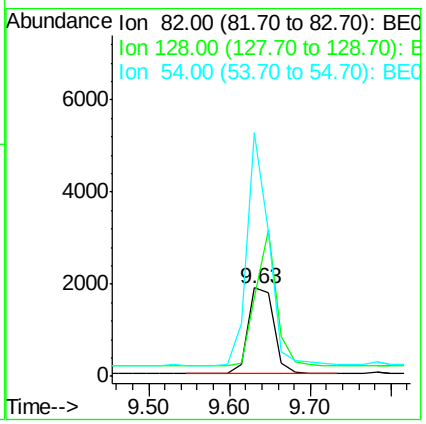


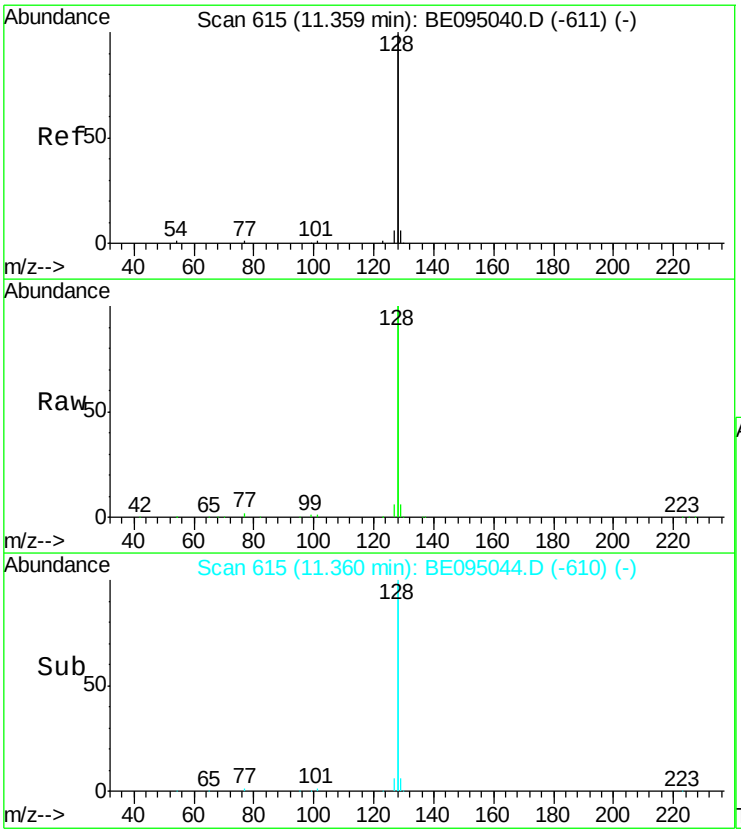
#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion: 82 Resp: 4151

Ion	Ratio	Lower	Upper
82	100		
128	88.7	150.0	225.0#
54	275.8	154.2	231.4#

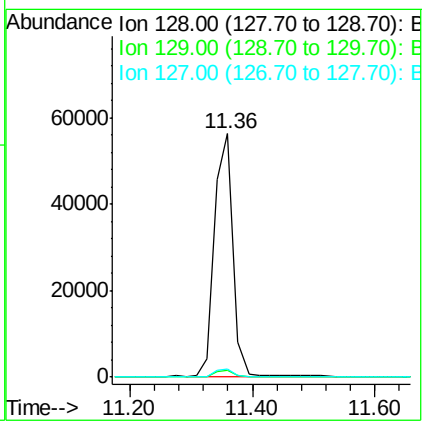


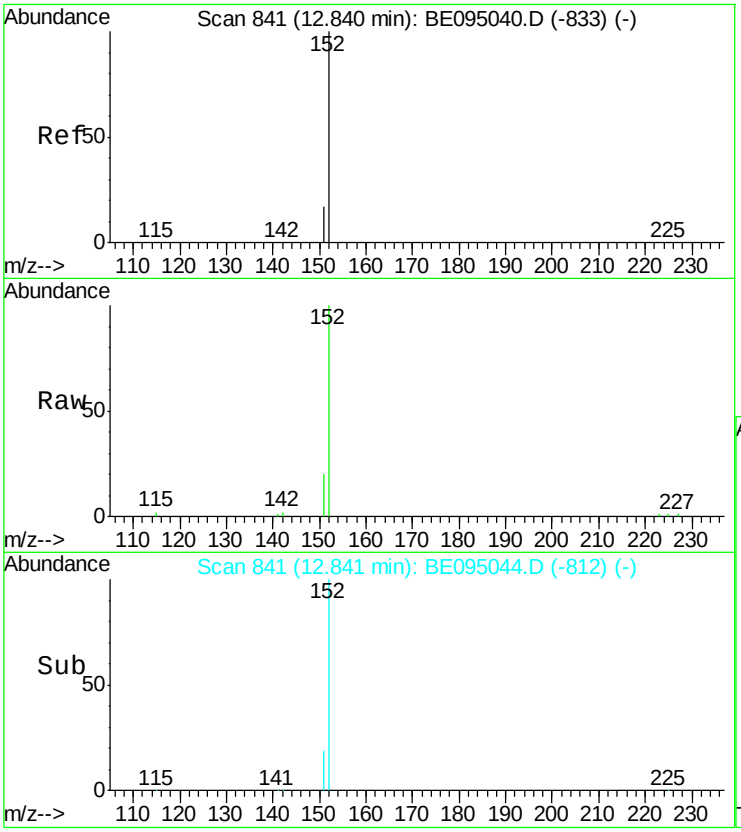


#9
Naphthalene
Concen: 0.752 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:128 Resp: 122855

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.2	2.8	4.2



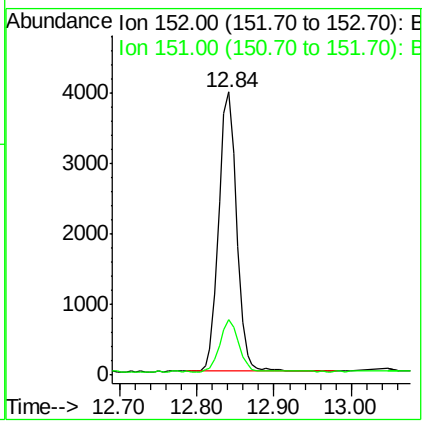


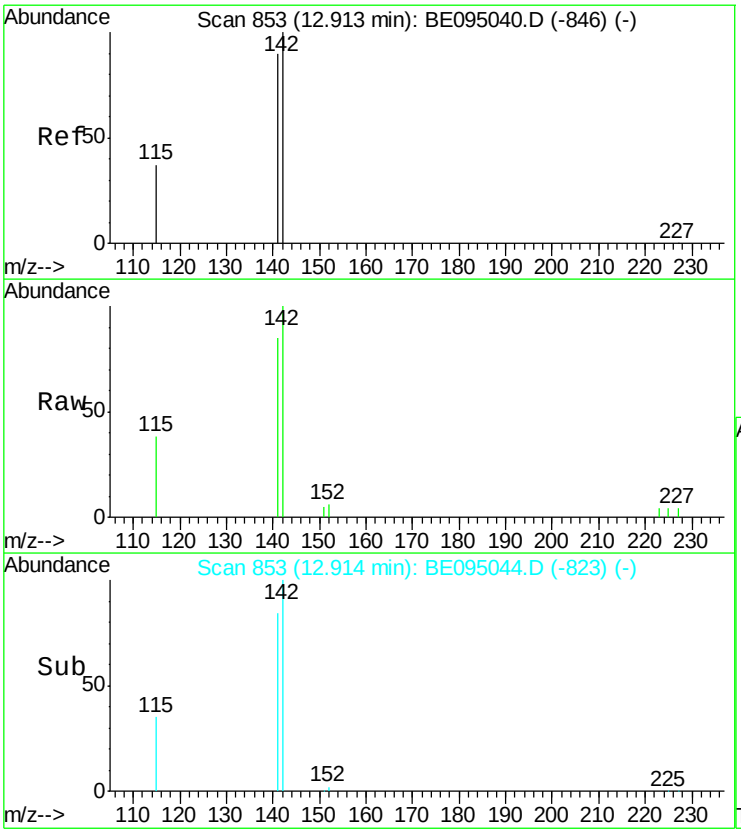
#11
2-Methylnaphthalene-d10
Concen: 0.281 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:152 Resp: 6413

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.0

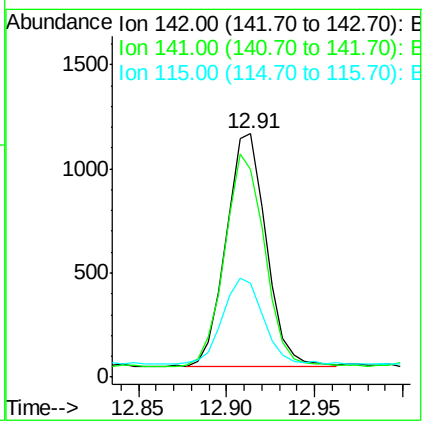


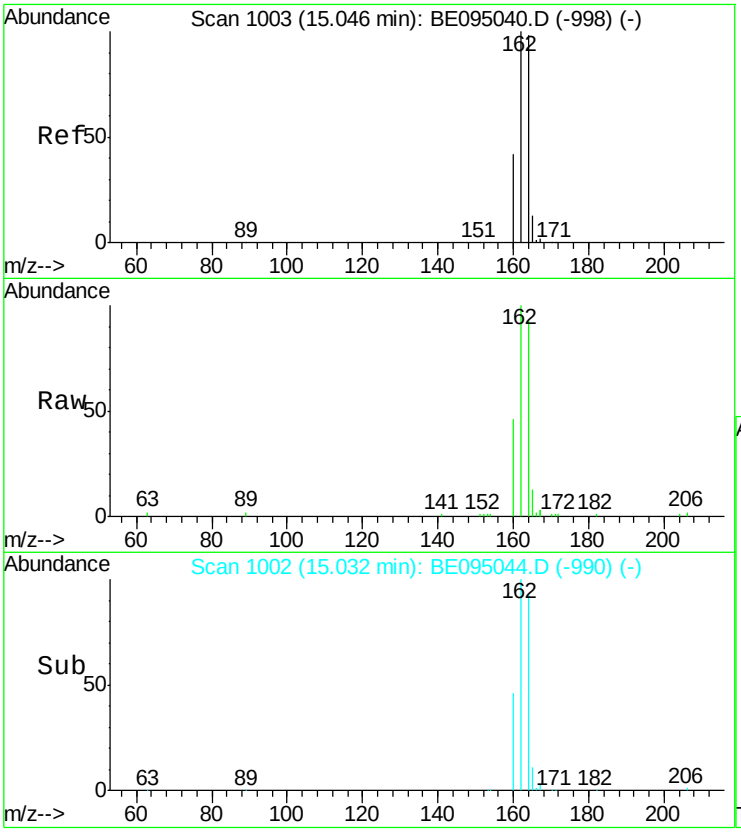


#12
2-Methylnaphthalene
Concen: 0.043 ng
RT: 12.91 min Scan# 853
Delta R.T. -0.02 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:142 Resp: 1752

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.4	105.6
115	38.4	31.7	47.5



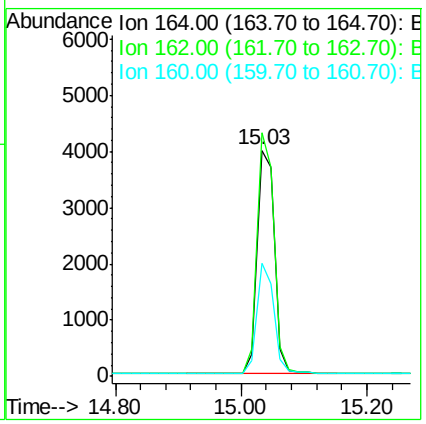


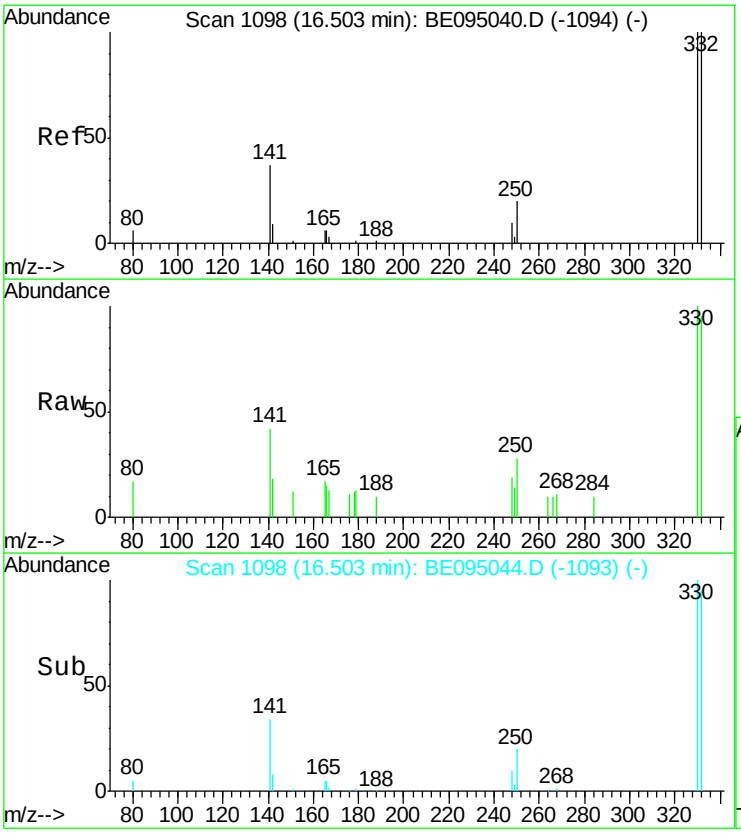
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:164 Resp: 7674

Ion	Ratio	Lower	Upper
164	100		
162	107.6	83.1	124.7
160	49.9	37.1	55.7

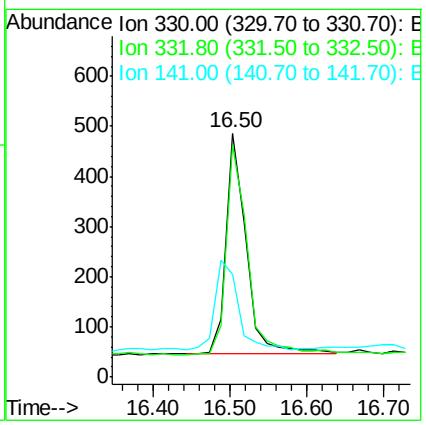


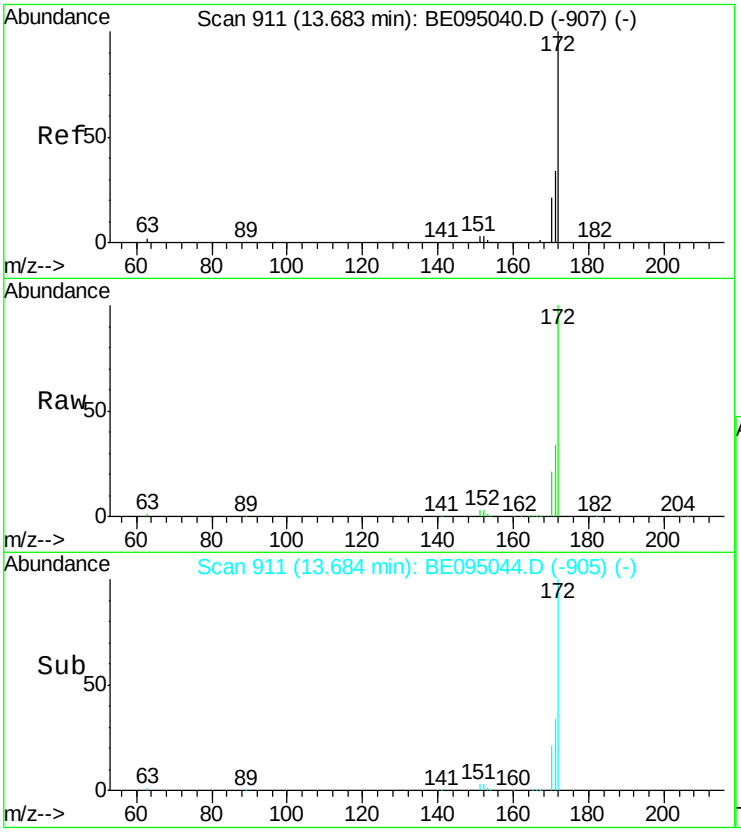


#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:330 Resp: 806

Ion	Ratio	Lower	Upper
330	100		
332	101.7	152.7	229.1#
141	45.8	33.7	50.5



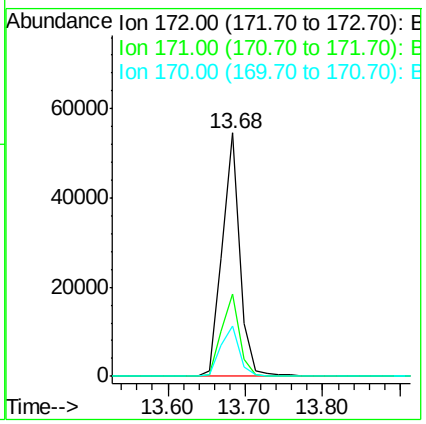


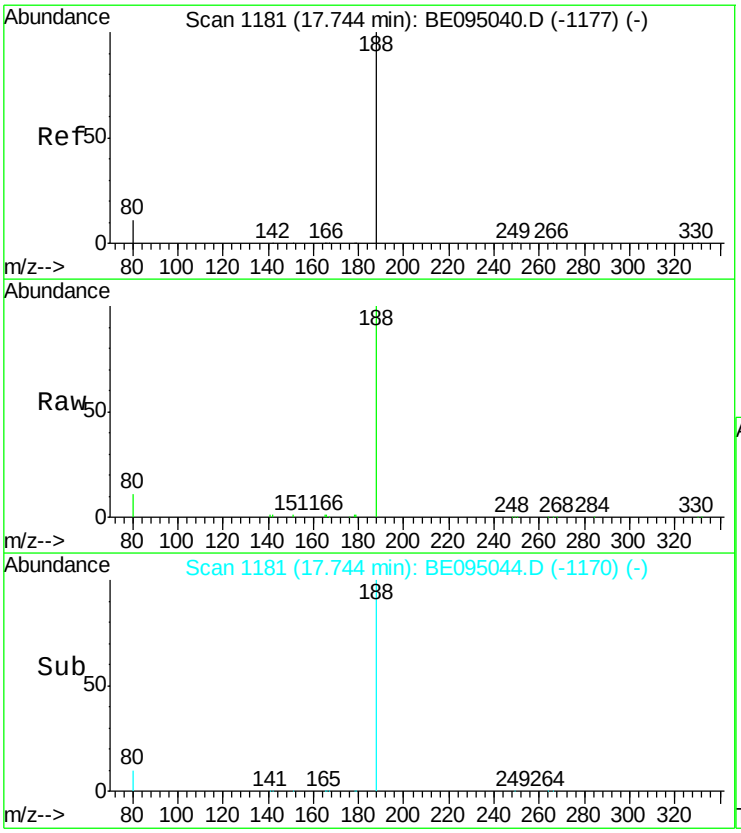
#15
2-Fluorobiphenyl
Concen: 2.517 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:172 Resp: 85600

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	20.7	21.8	32.8#

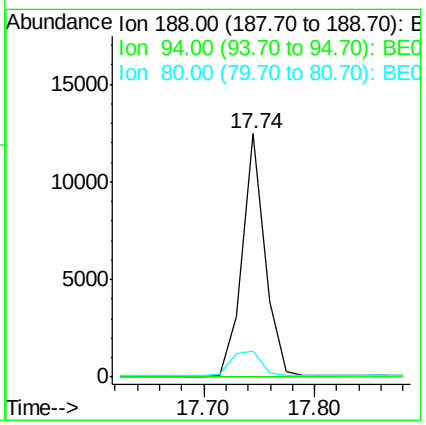


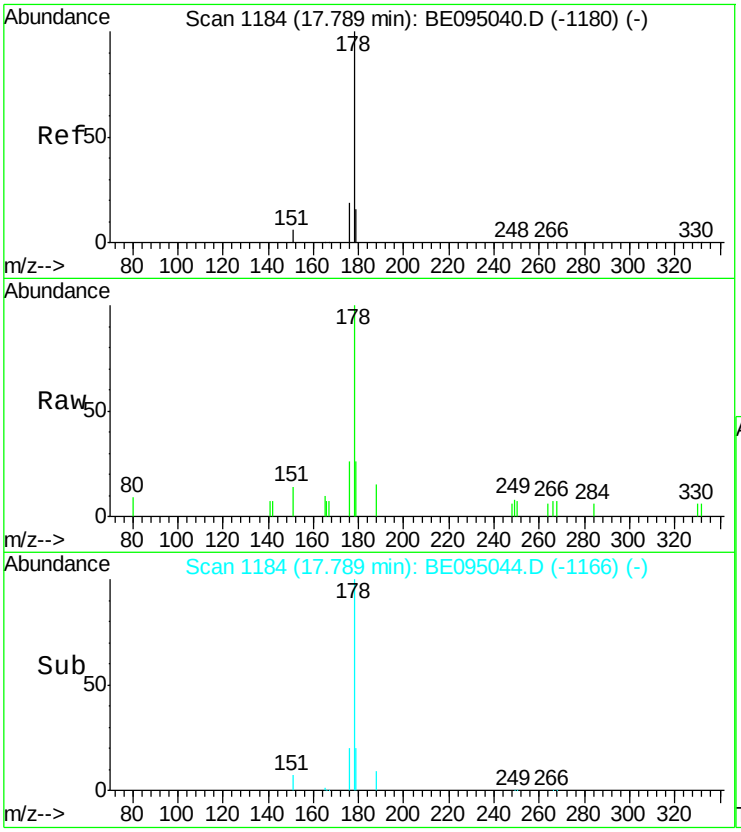


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:188 Resp: 17698

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.6	3.6	5.4#



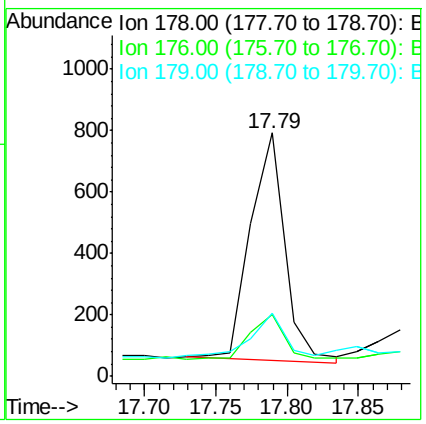


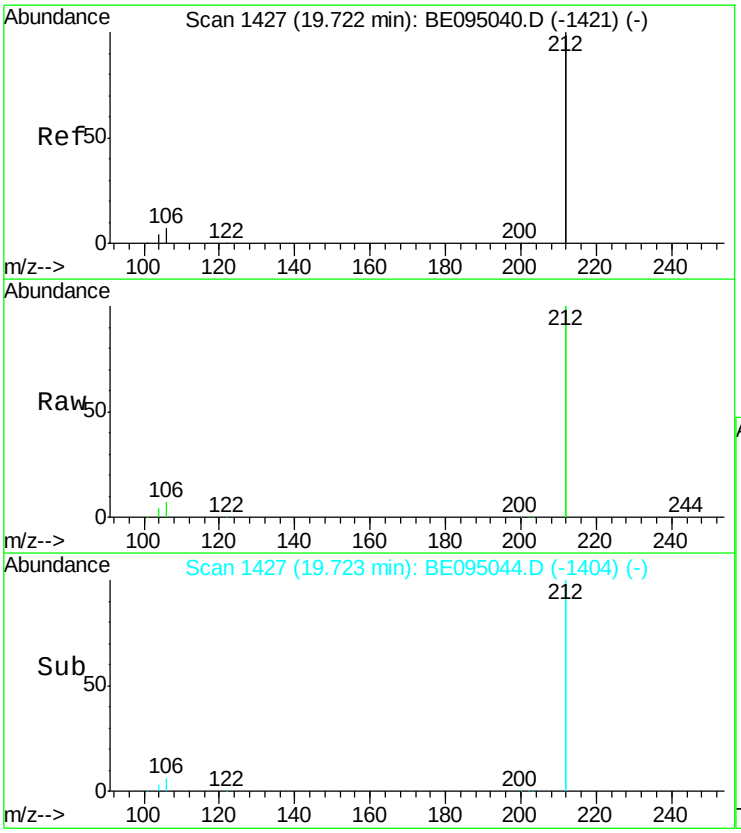
#23
Phenanthrene
Concen: 0.022 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:178 Resp: 1236

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.6	11.8	17.6

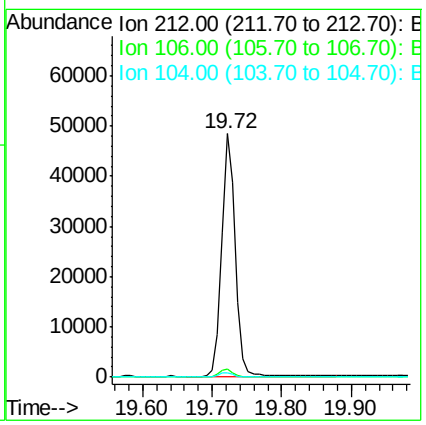


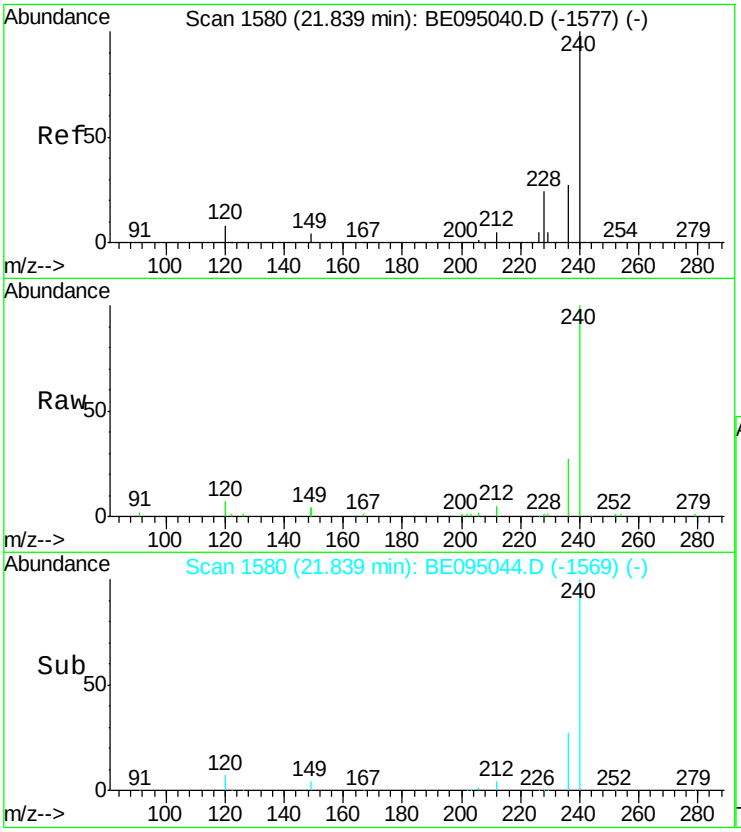


#25
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:212 Resp: 65040

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.8	4.2
104	1.8	1.6	2.4



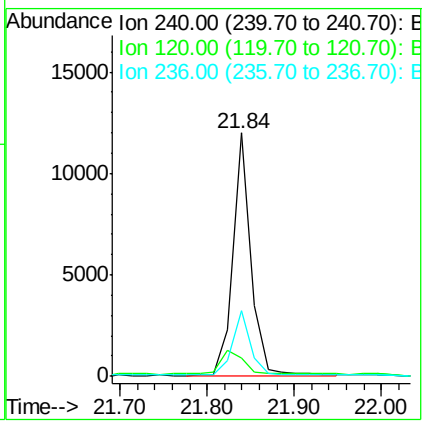


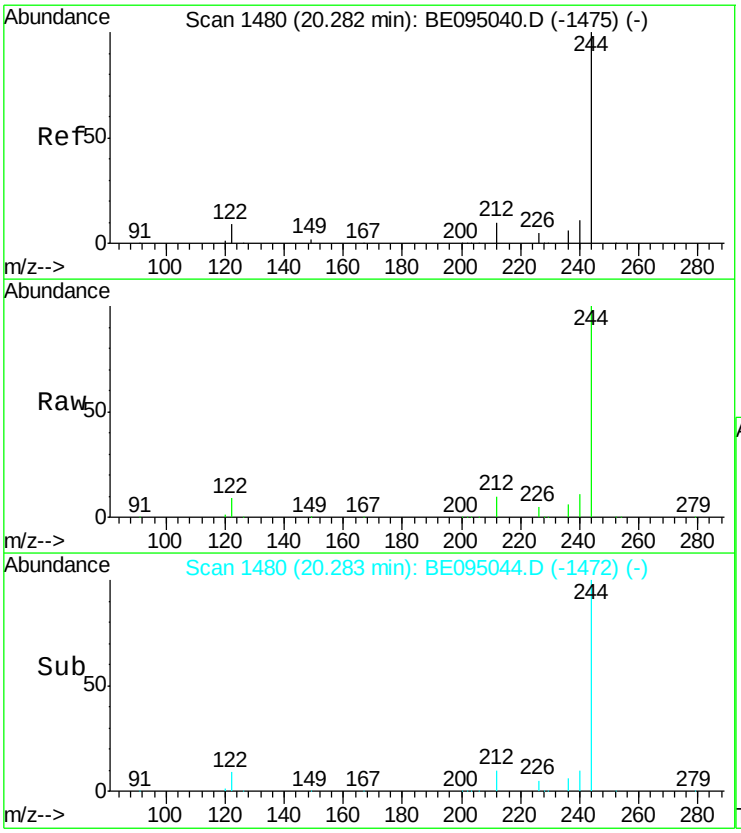
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:240 Resp: 17130

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.5	8.3
236	27.1	20.7	31.1

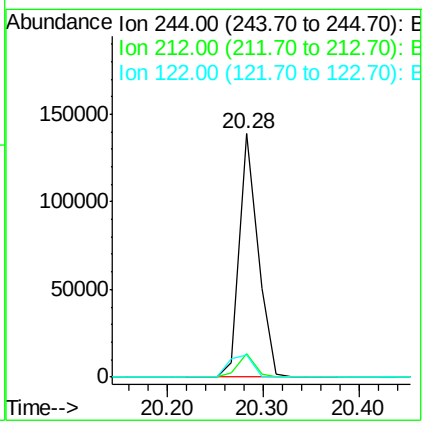


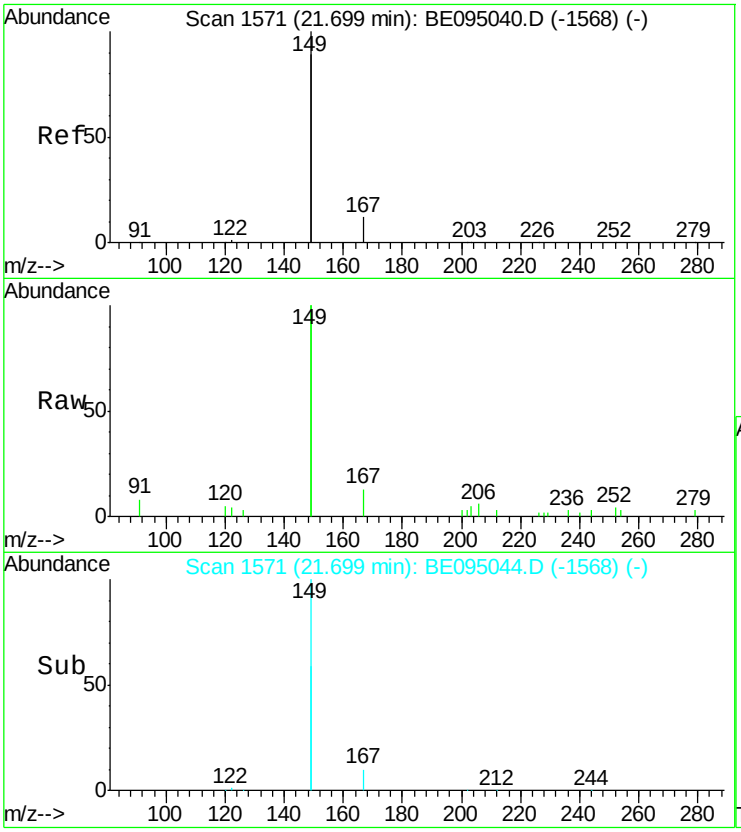


#29
Terphenyl-d14
Concen: 5.794 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:244 Resp: 186836

Ion	Ratio	Lower	Upper
244	100		
212	9.6	25.4	38.0#
122	9.0	8.1	12.1



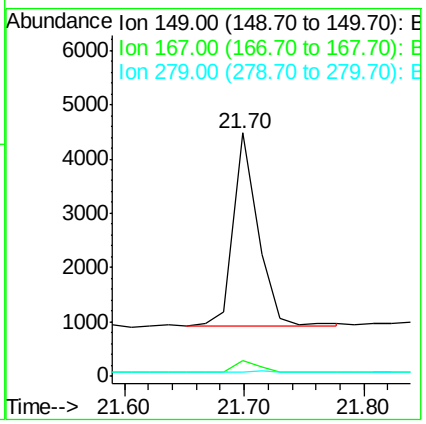


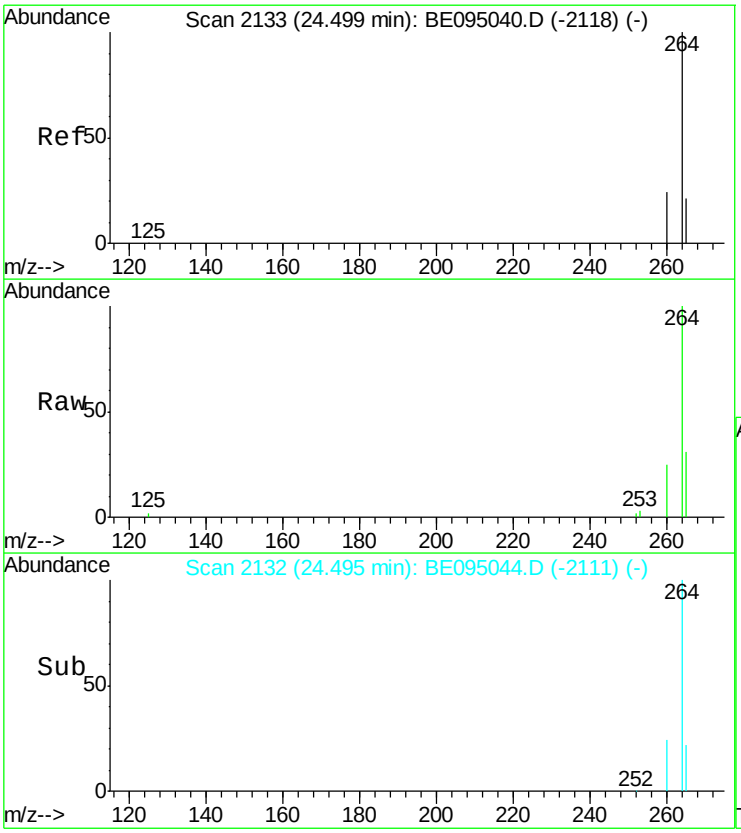
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-171219

Tgt Ion:149 Resp: 5037

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2132
Delta R.T. -0.05 min
Lab File: BE095044.D
Acq: 22 Dec 2017 14:05

Tgt Ion:264 Resp: 14371

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.5	30.7
265	30.5	22.8	34.2