Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122617\
Data File : BE095059.D
Acq On : 26 Dec 2017 16:59
Operator : SJ/JU
Sample : I7004-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-7-121917

Quant Time: Dec 27 01:06:38 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	5712	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	13639	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7883	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17562	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	18579	0.40	ng	-0.03
34) Perylene-d12	24.49	264	16604	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1470	0.17	ng	-0.01
5) Phenol-d6	7.58	99	1320	0.10	ng	-0.01
8) Nitrobenzene-d5	9.63	82	5329	0.48	ng	-0.02
11) 2-Methylnaphthalene-d10	12.83	152	8571	0.38	ng	-0.03
14) 2,4,6-Tribromophenol	16.50	330	1101	0.60	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	17597	0.50	ng	-0.01
25) Fluoranthene-d10	19.72	212	92779	0.41	ng	-0.03
29) Terphenyl-d14	20.28	244	21479	0.61	ng	-0.03
Target Compounds						Qvalue
9) Naphthalene	11.34	128	9365	0.058	ng	# 89
22) Pentachlorophenol	17.48	266	19	0.086	ng	95
23) Phenanthrene	17.79	178	1215	0.022	ng	# 90
24) Anthracene	17.88	178	1175	0.021	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.70	149	8626	0.125	ng	# 100

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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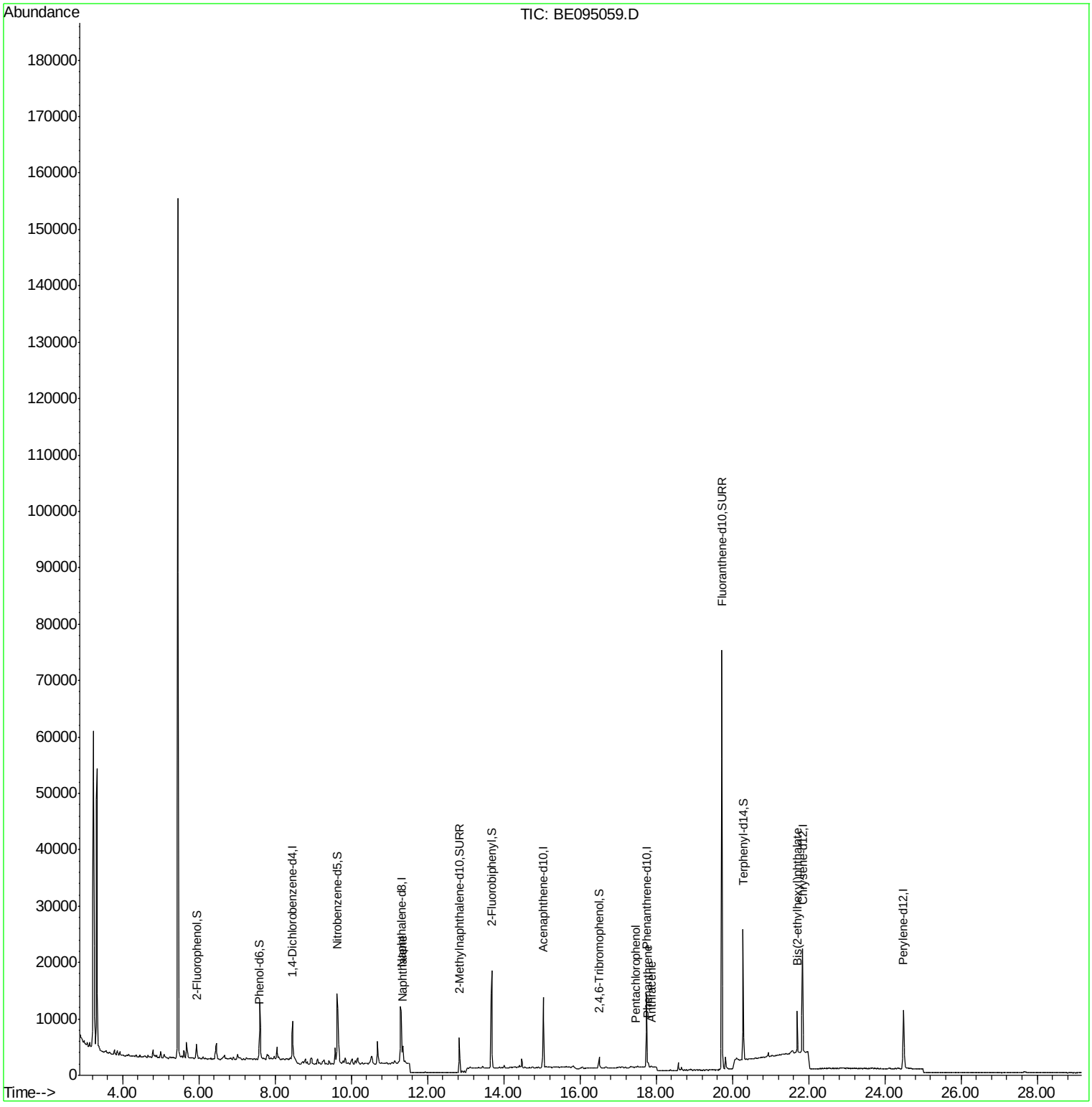
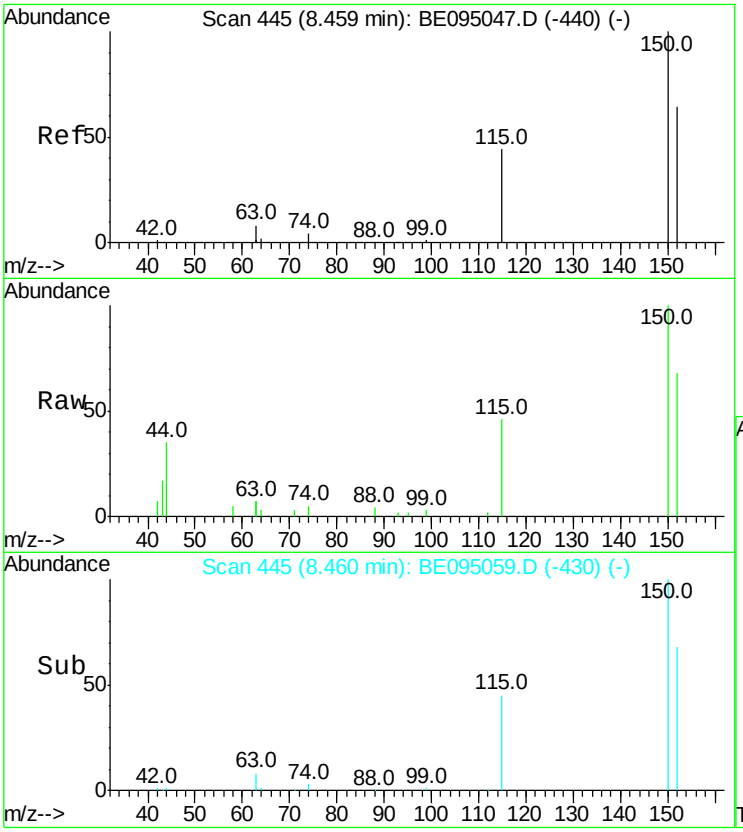


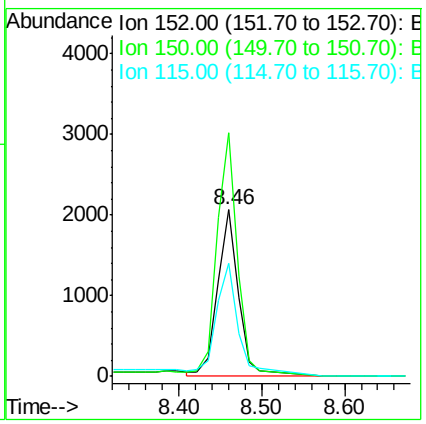


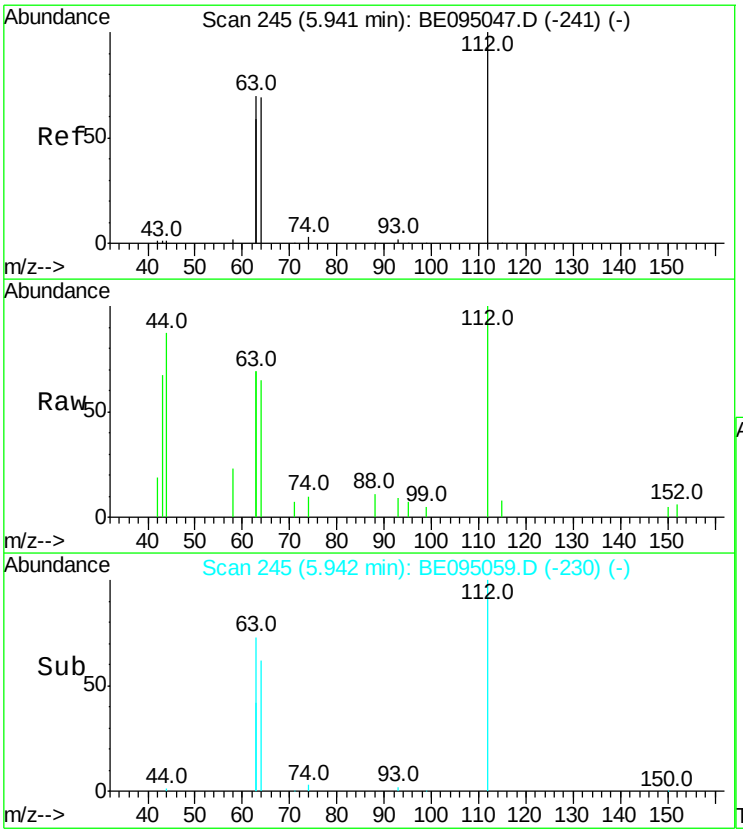
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:152 Resp: 5712

Ion	Ratio	Lower	Upper
152	100		
150	146.2	117.2	175.8
115	67.6	57.0	85.6

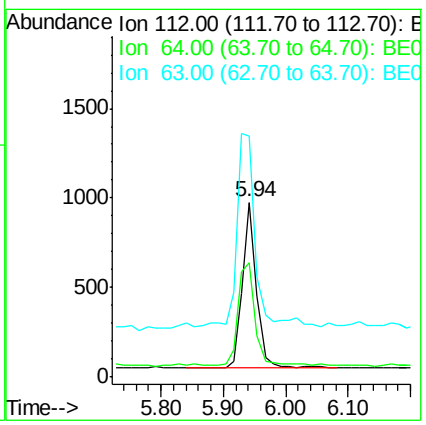


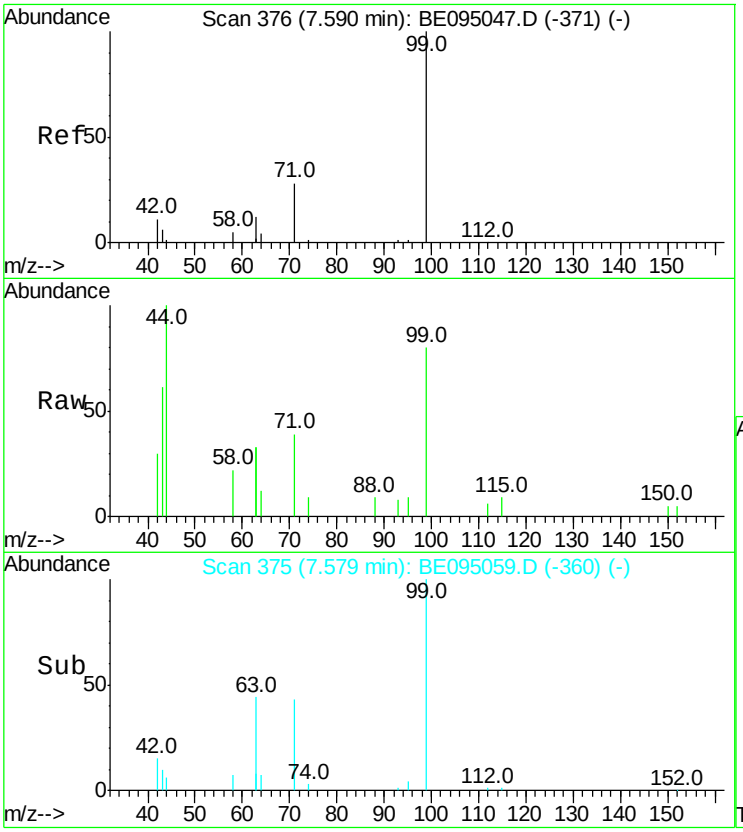


#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:112 Resp: 1470

Ion	Ratio	Lower	Upper
112	100		
64	76.6	60.1	90.1
63	144.1	116.8	175.2



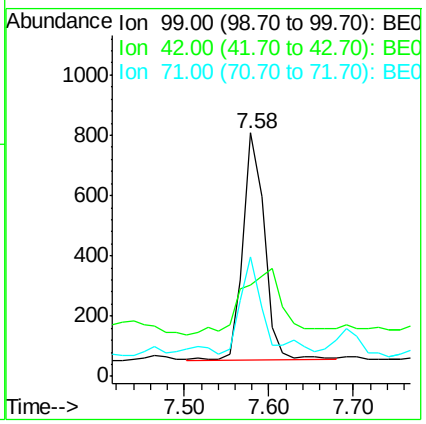


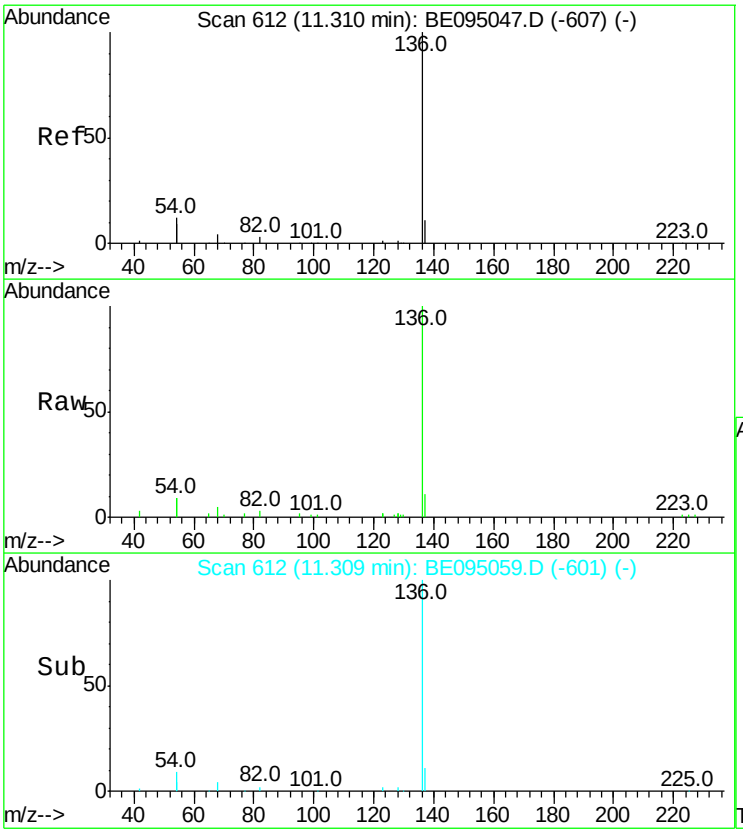
#5
Phenol-d6
Concen: 0.100 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion: 99 Resp: 1320

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	43.4	28.4	42.6#

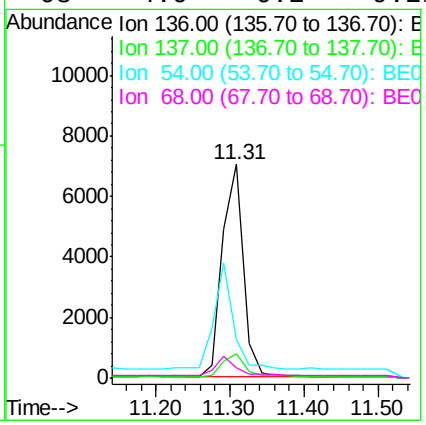


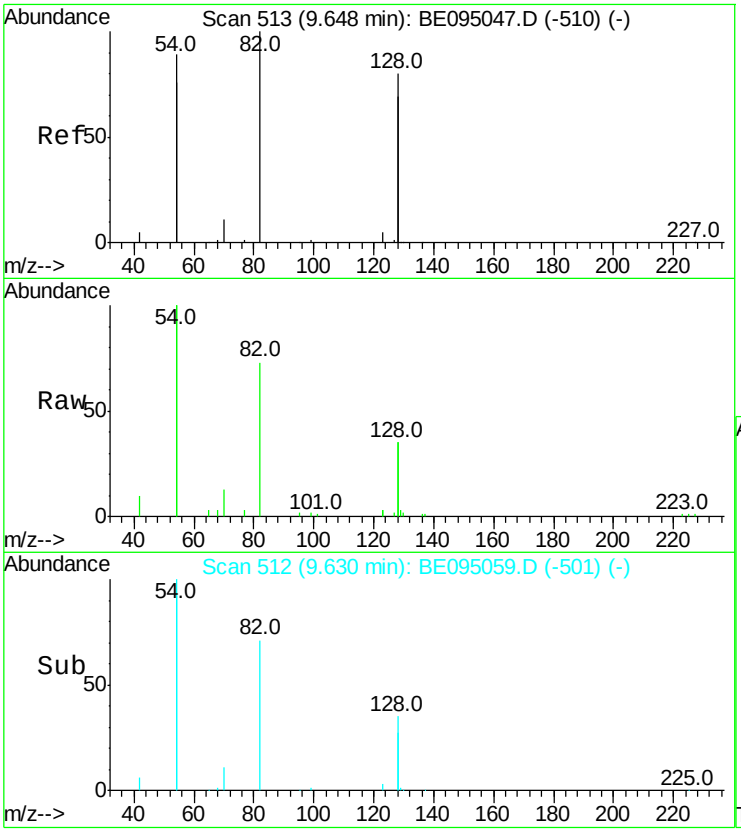


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:136 Resp: 13639

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	17.8	29.1	43.7#
68	4.9	6.2	9.2#



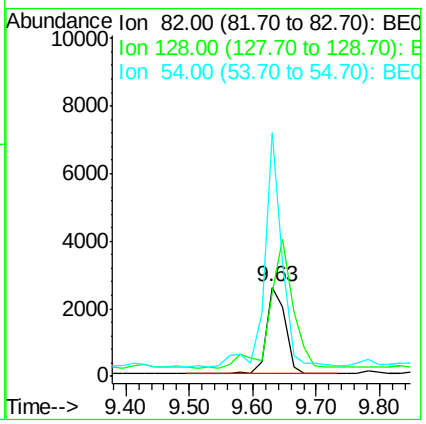


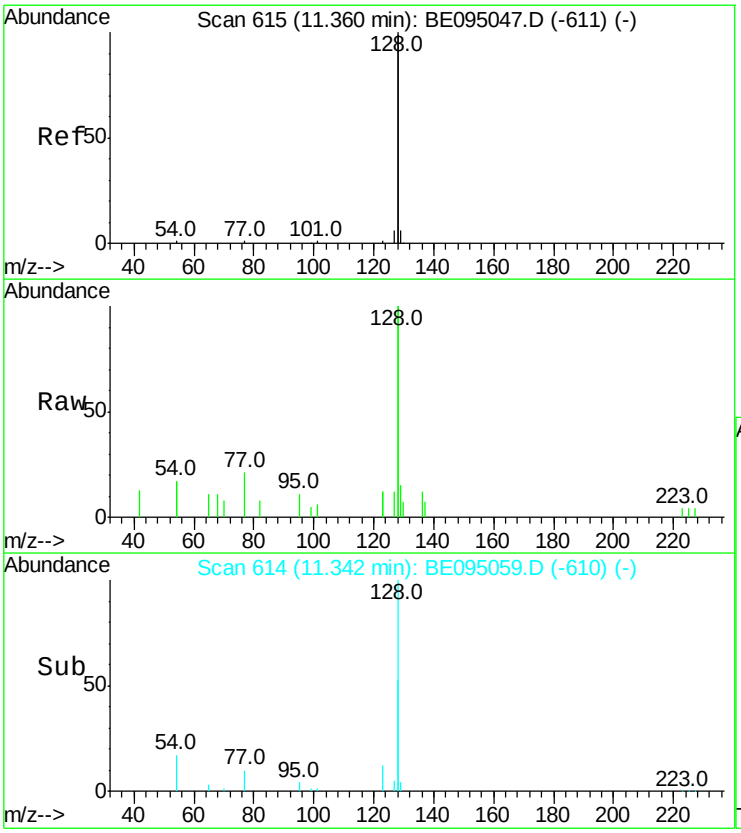
#8
Nitrobenzene-d5
Concen: 0.476 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion: 82 Resp: 5329

Ion	Ratio	Lower	Upper
82	100		
128	94.5	150.0	225.0#
54	273.8	154.2	231.4#

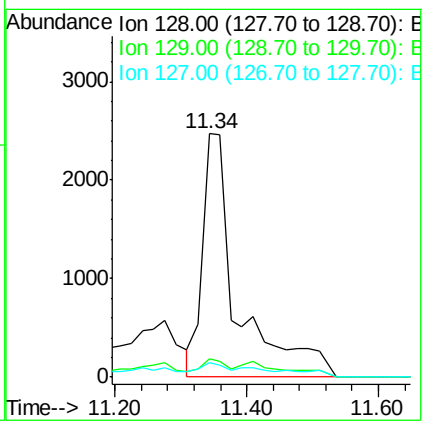


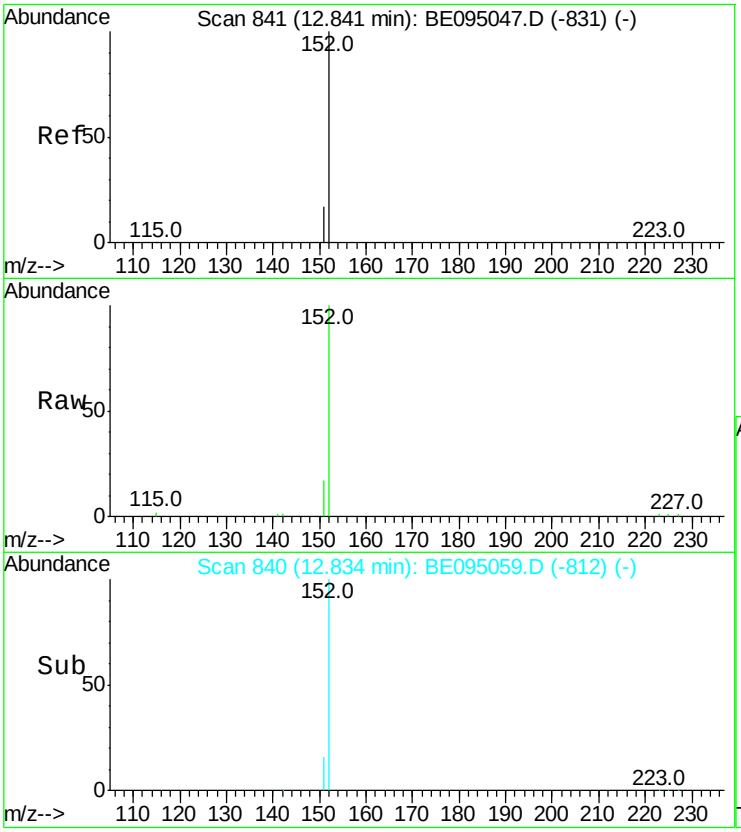


#9
Naphthalene
Concen: 0.058 ng
RT: 11.34 min Scan# 614
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:128 Resp: 9365

Ion	Ratio	Lower	Upper
128	100		
129	7.7	2.6	3.8#
127	6.1	2.8	4.2#



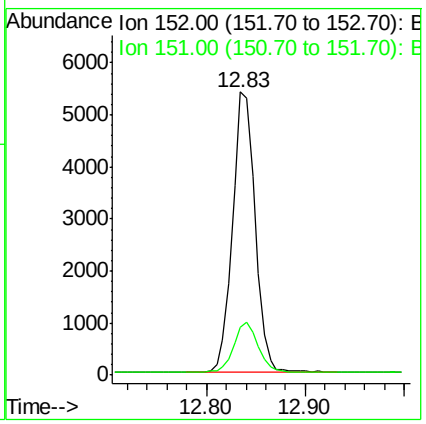


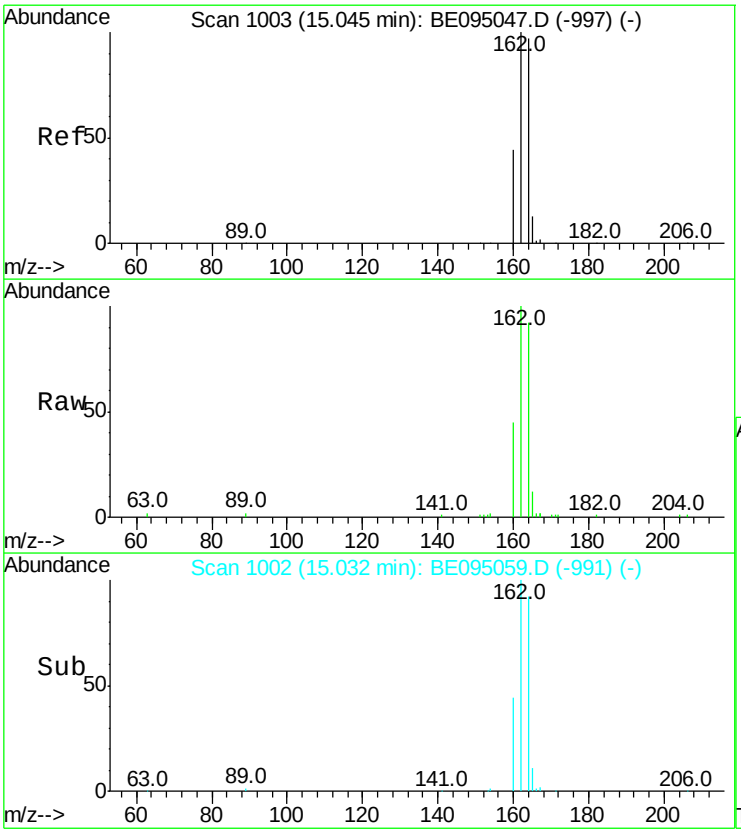
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.83 min Scan# 840
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:152 Resp: 8571

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0

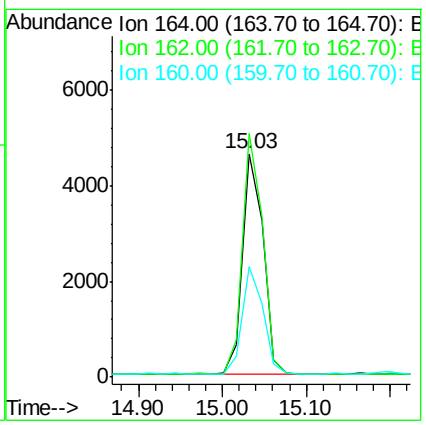


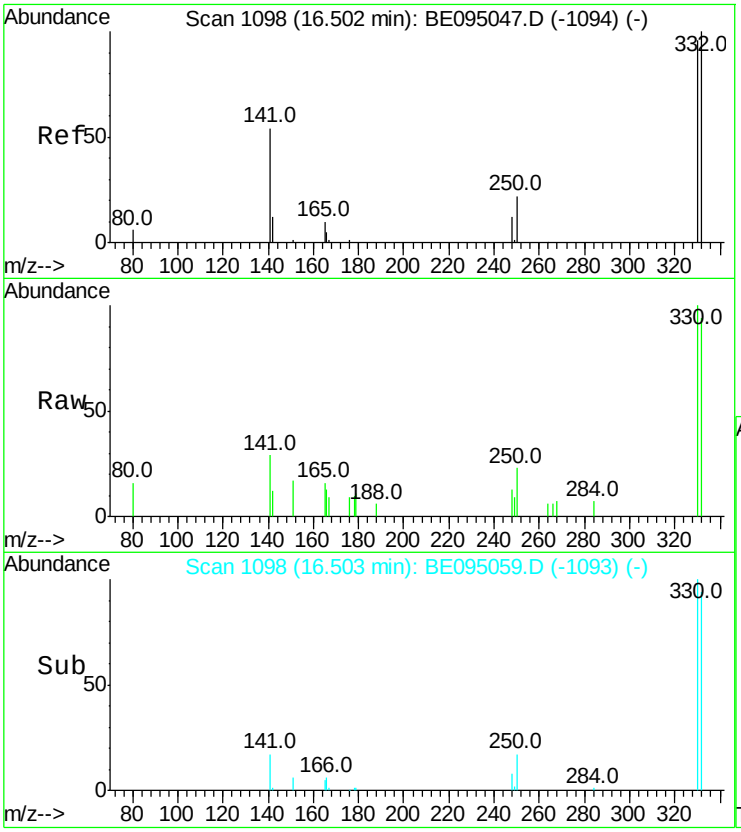


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:164 Resp: 7883

Ion	Ratio	Lower	Upper
164	100		
162	109.1	83.1	124.7
160	49.3	37.1	55.7



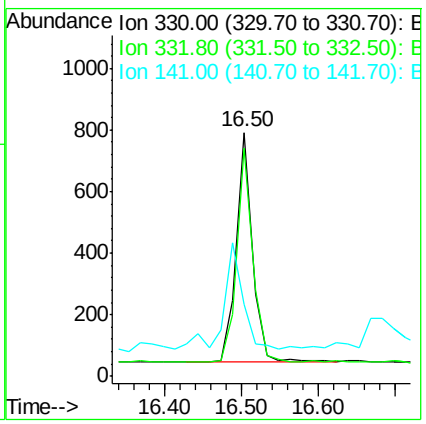


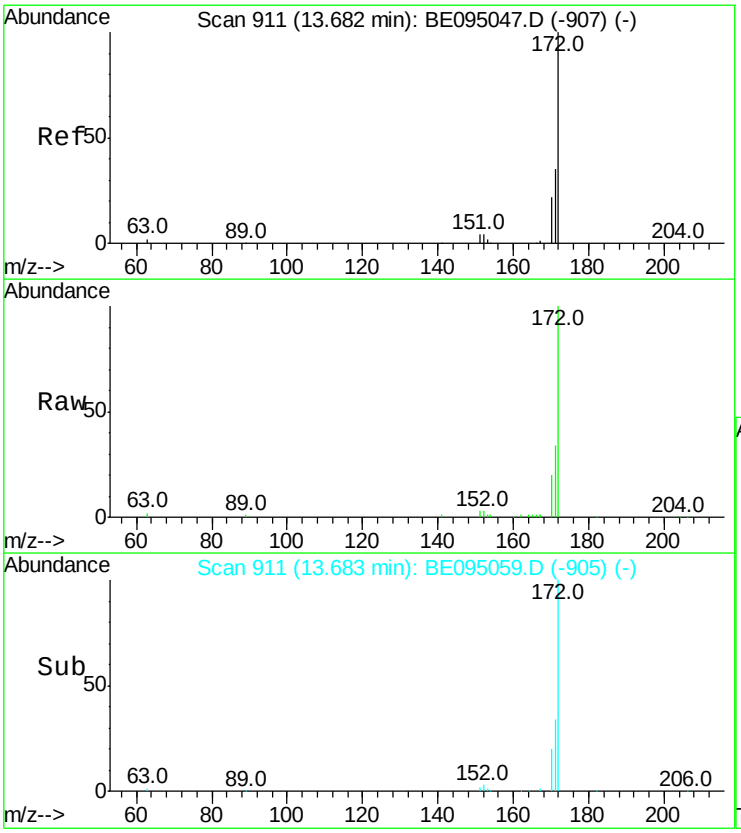
#14
2,4,6-Tribromophenol
Concen: 0.601 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:330 Resp: 1101

Ion	Ratio	Lower	Upper
330	100		
332	92.4	152.7	229.1#
141	52.2	33.7	50.5#

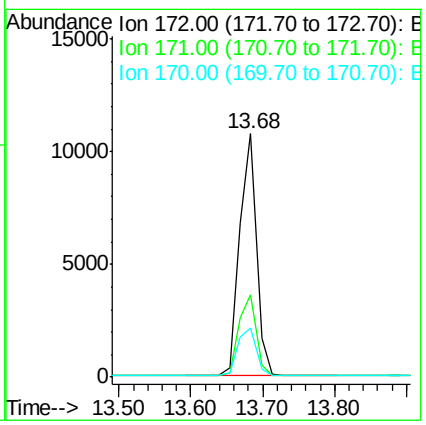


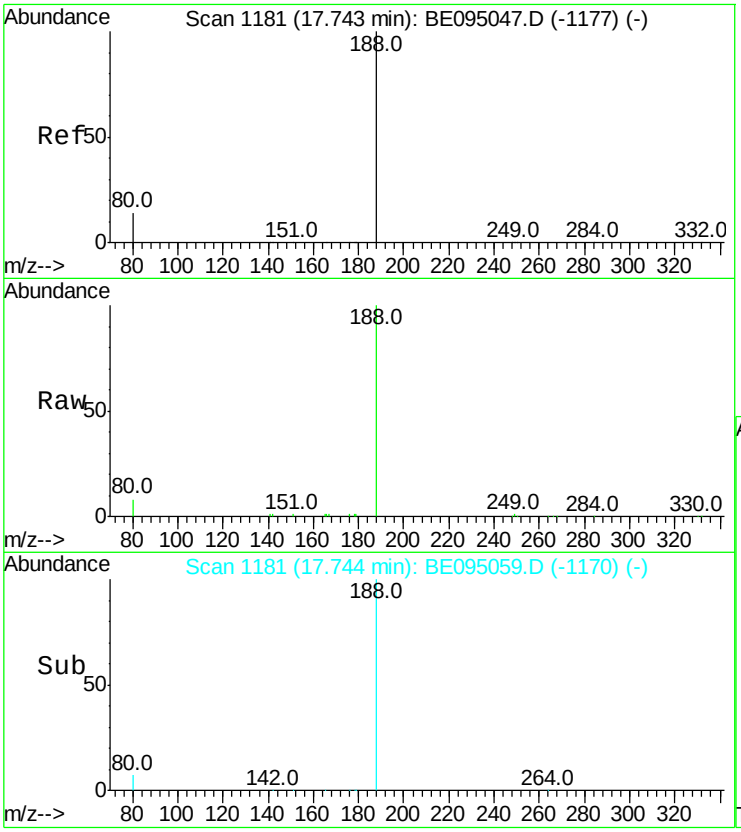


#15
2-Fluorobiphenyl
Concen: 0.504 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:172 Resp: 17597

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	20.1	21.8	32.8#



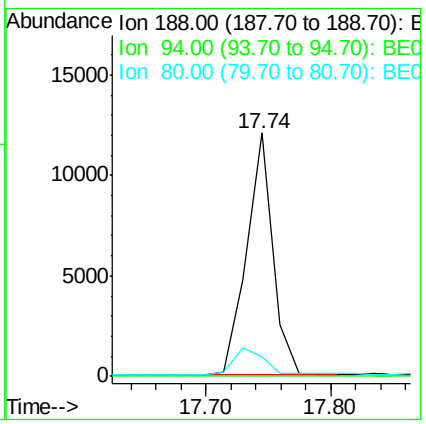


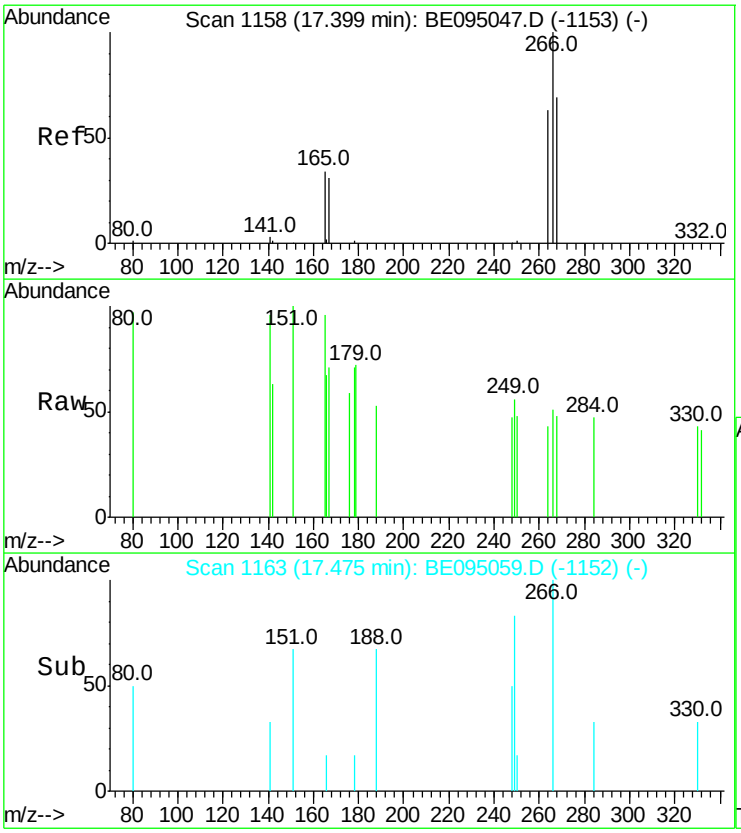
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:188 Resp: 17562

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	8.3	3.6	5.4#

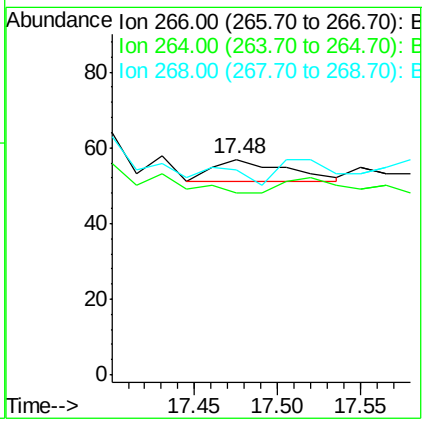


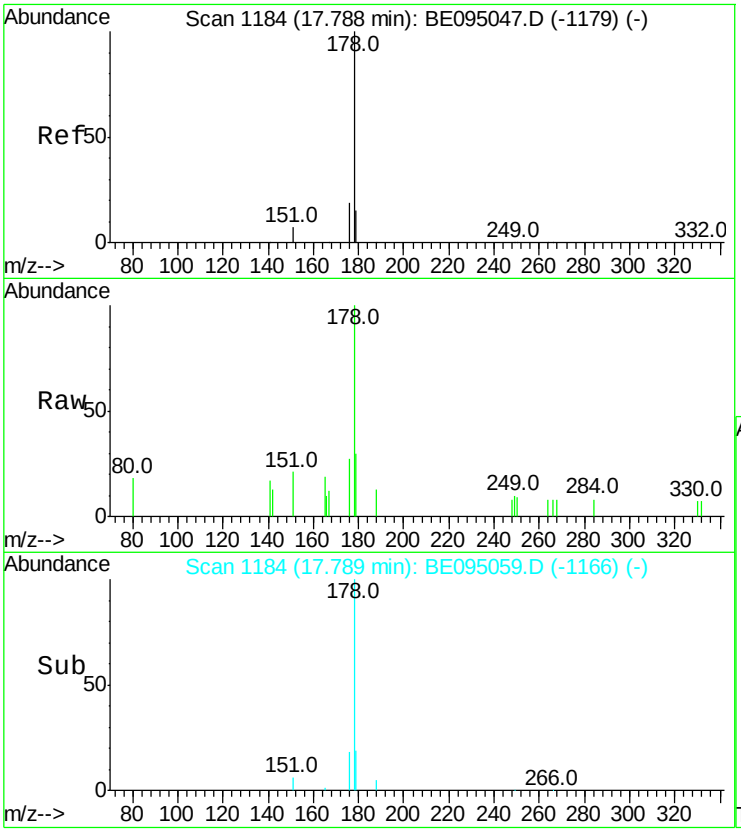


#22
Pentachlorophenol
Concen: 0.086 ng
RT: 17.48 min Scan# 1163
Delta R.T. 0.06 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	84.2	72.5	108.7
268	94.7	73.8	110.6



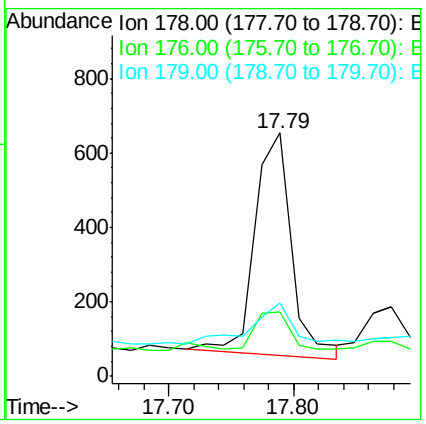


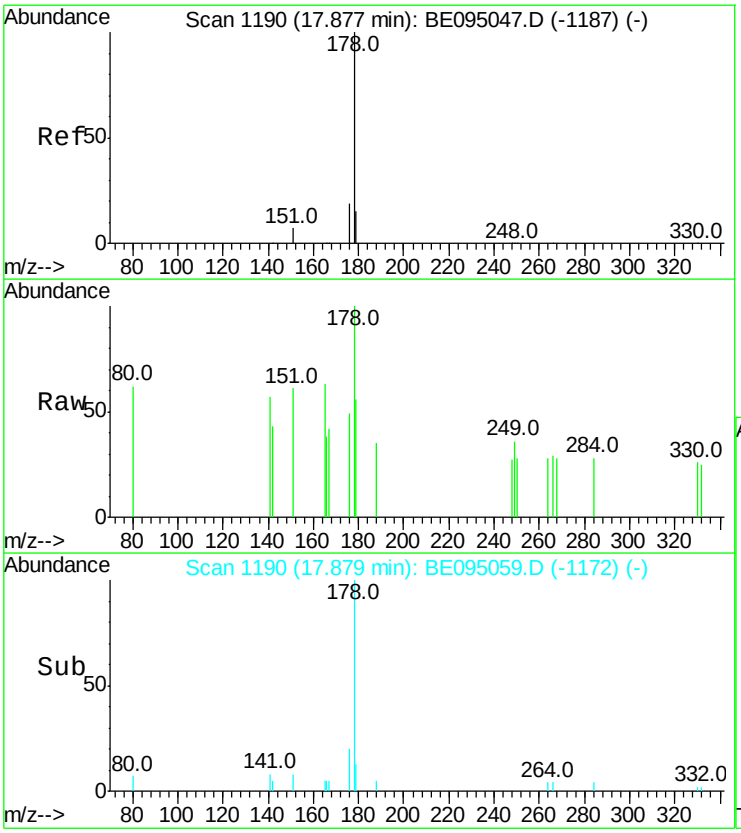
#23
Phenanthrene
Concen: 0.022 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:178 Resp: 1215

Ion	Ratio	Lower	Upper
178	100		
176	15.7	15.1	22.7
179	20.7	11.8	17.6#

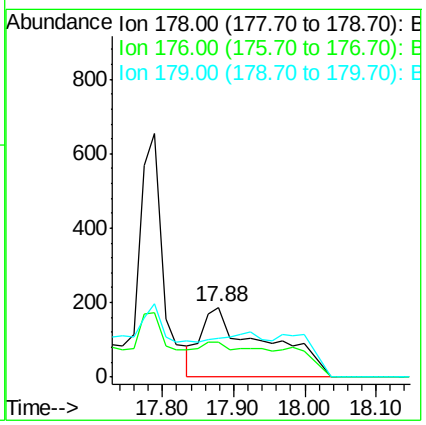


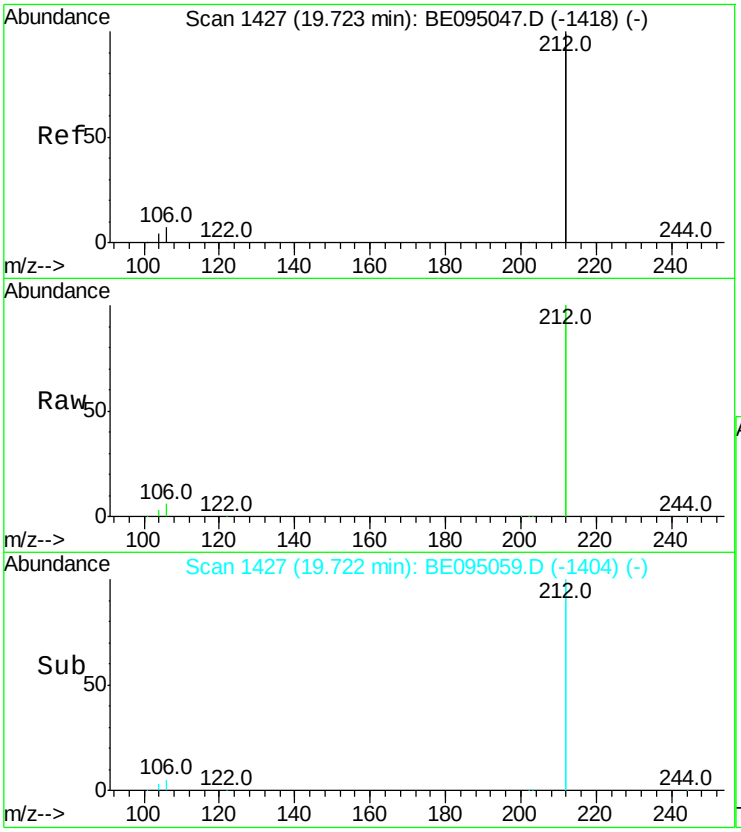


#24
Anthracene
Concen: 0.021 ng
RT: 17.88 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:178 Resp: 1175

Ion	Ratio	Lower	Upper
178	100		
176	3.7	12.8	19.2#
179	0.0	13.0	19.6#



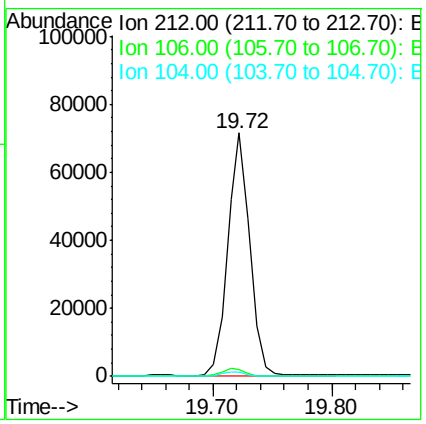


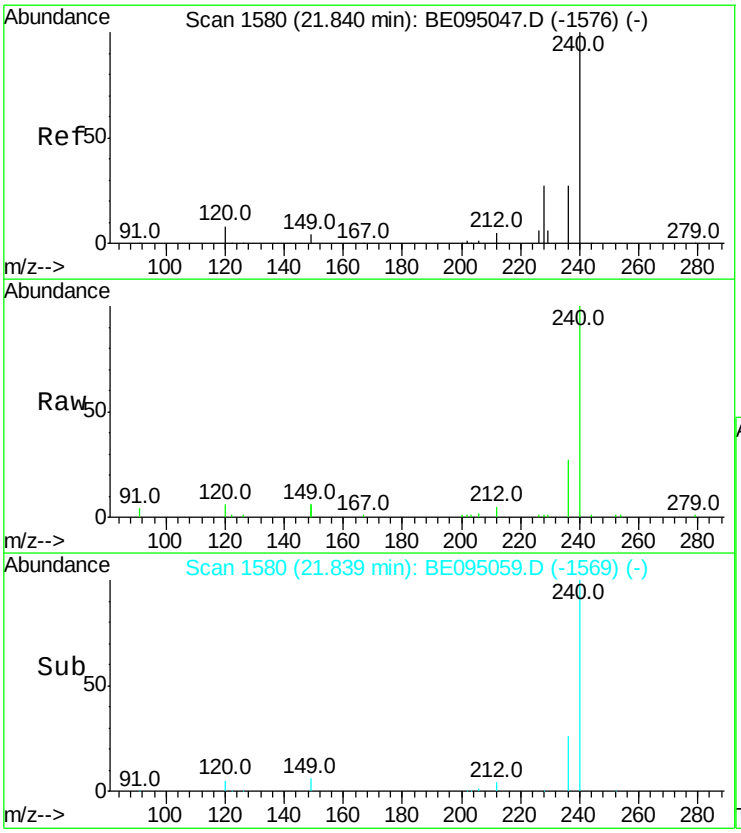
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:212 Resp: 92779

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

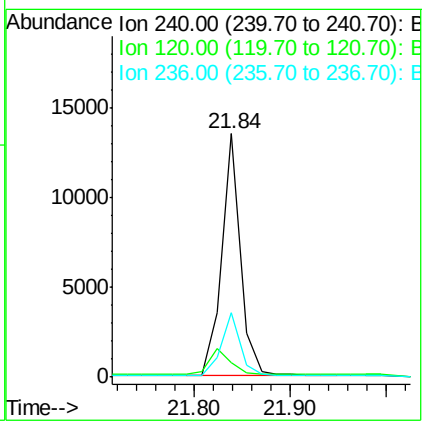


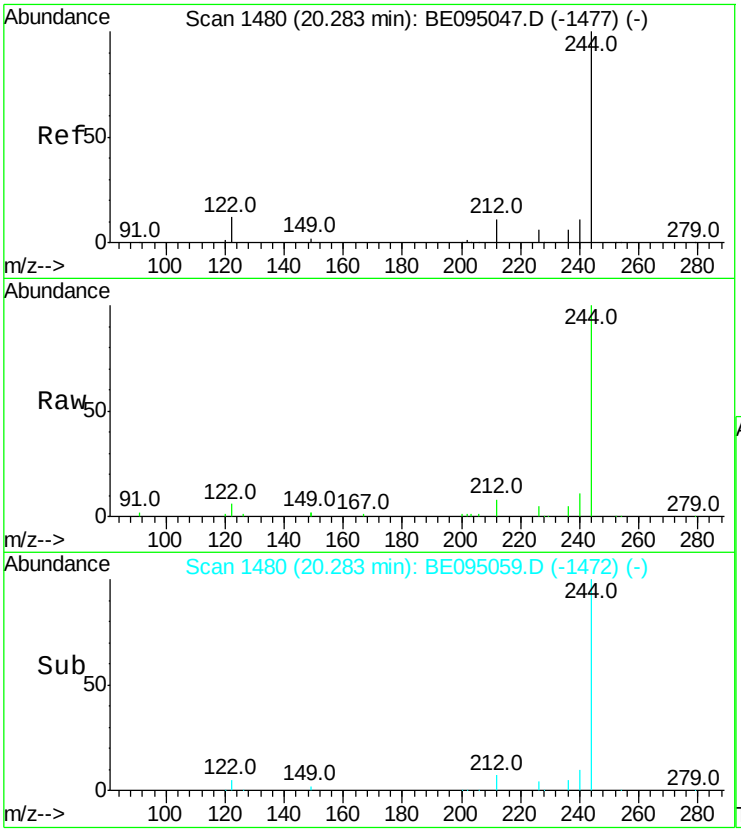


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:240 Resp: 18579

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.5	8.3
236	26.7	20.7	31.1



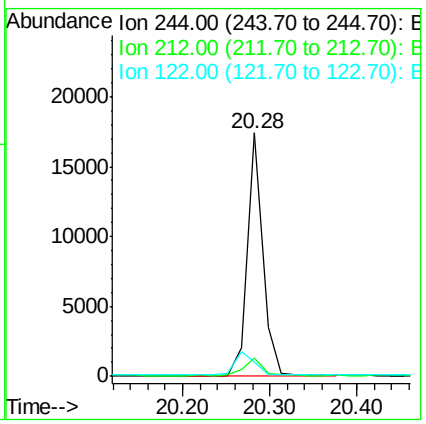


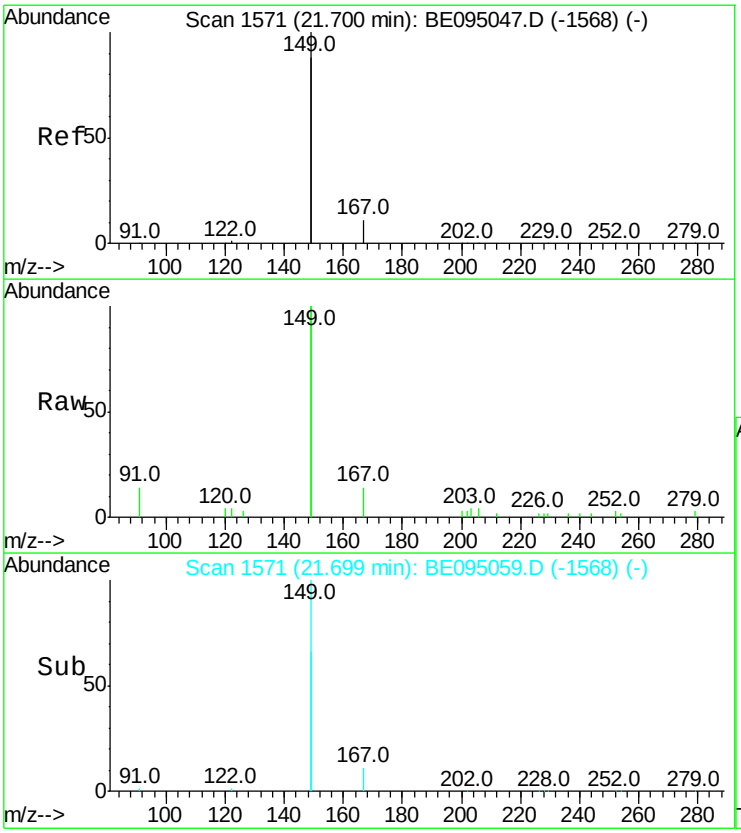
#29
Terphenyl-d14
Concen: 0.614 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:244 Resp: 21479

Ion	Ratio	Lower	Upper
244	100		
212	7.8	25.4	38.0#
122	5.8	8.1	12.1#

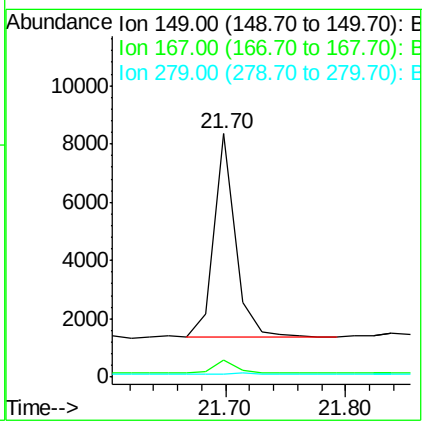


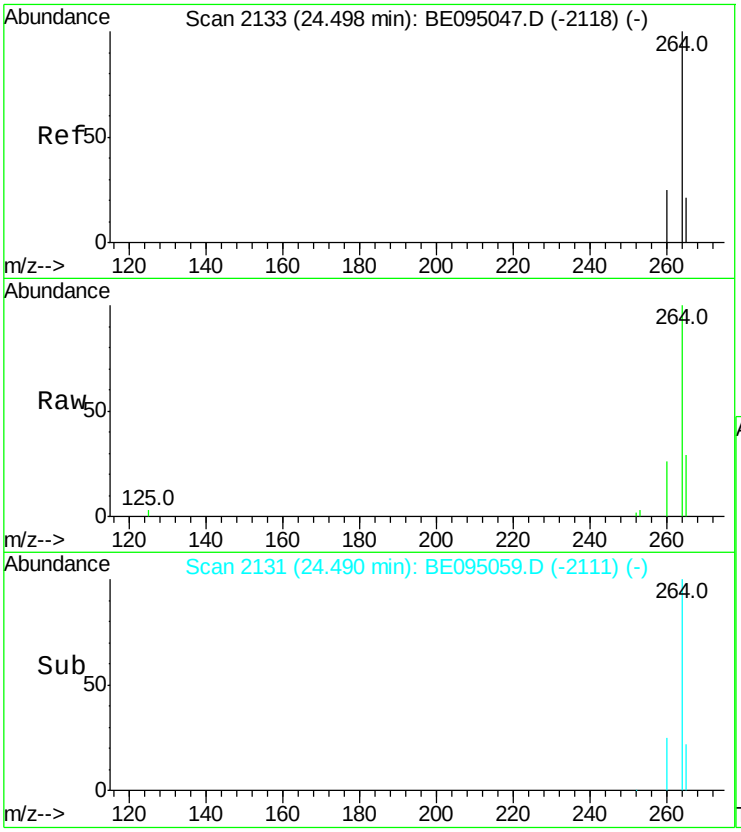


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.125 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Tgt Ion:149 Resp: 8626

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.3	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.49 min Scan# 2131
Delta R.T. -0.06 min
Lab File: BE095059.D
Acq: 26 Dec 2017 16:59

Instrument :
BNA_E
ClientSampleId :
C-MW-7-121917

Tgt Ion:264 Resp: 16604

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.5	30.7
265	28.5	22.8	34.2