Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
Data File : BE095057.D
Acq On : 26 Dec 2017 15:50
Operator : SJ/JU
Sample : I7004-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C-MW-11-121817

Quant Time: Dec 26 16:28:49 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	5217	0.40	ng	-0.01
7) Naphthalene-d8	11.31	136	12524	0.40	ng	-0.02
13) Acenaphthene-d10	15.03	164	7396	0.40	ng	-0.03
19) Phenanthrene-d10	17.74	188	17391	0.40	ng	-0.03
27) Chrysene-d12	21.84	240	19344	0.40	ng	-0.03
34) Perylene-d12	24.49	264	17626	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.94	112	1256	0.16	ng	-0.01
5) Phenol-d6	7.58	99	1103	0.09	ng	-0.01
8) Nitrobenzene-d5	9.63	82	4583	0.45	ng	-0.02
11) 2-Methylnaphthalene-d10	12.84	152	7323	0.36	ng	-0.02
14) 2,4,6-Tribromophenol	16.50	330	1000	0.58	ng	-0.03
15) 2-Fluorobiphenyl	13.68	172	14151	0.43	ng	-0.02
25) Fluoranthene-d10	19.72	212	83797	0.37	ng	-0.03
29) Terphenyl-d14	20.28	244	23217	0.64	ng	-0.03
Target Compounds						Qvalue
9) Naphthalene	11.36	128	11128	0.076	ng	# 98
22) Pentachlorophenol	17.38	266	13	0.084	ng	96
23) Phenanthrene	17.79	178	2117	0.039	ng	99
24) Anthracene	17.79	178	2117	0.038	ng	96
31) Chrysene	21.87	228	1830	0.029	ng	97
32) Bis(2-ethylhexyl)phthalate	21.70	149	16890	0.234	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
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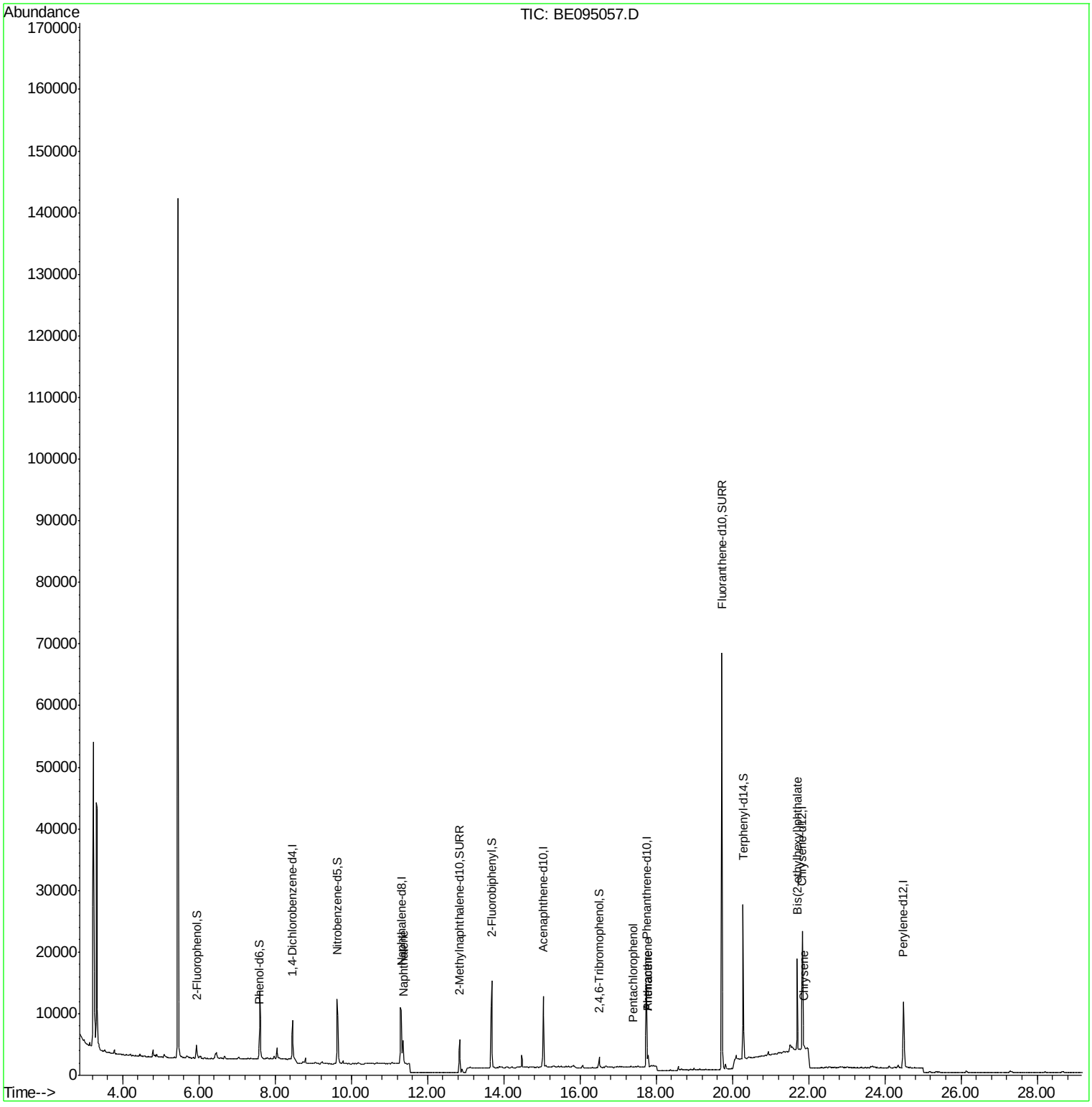
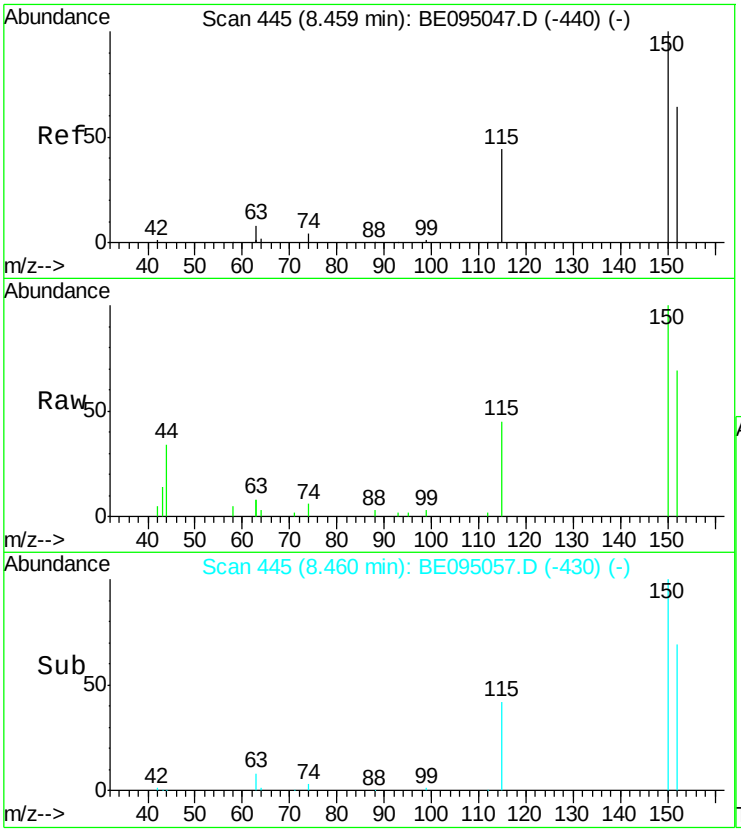
Acq On : 26 Dec 2017 15:50
Operator : SJ/JU
Sample : I7004-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Quant Time: Dec 26 16:28:49 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



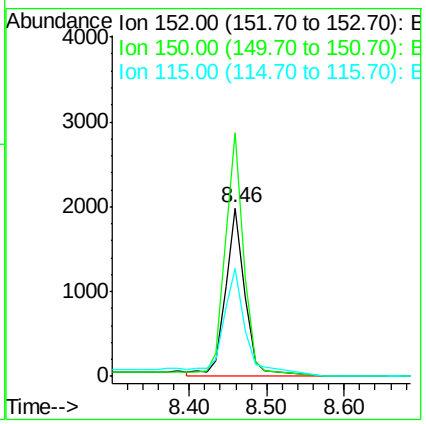


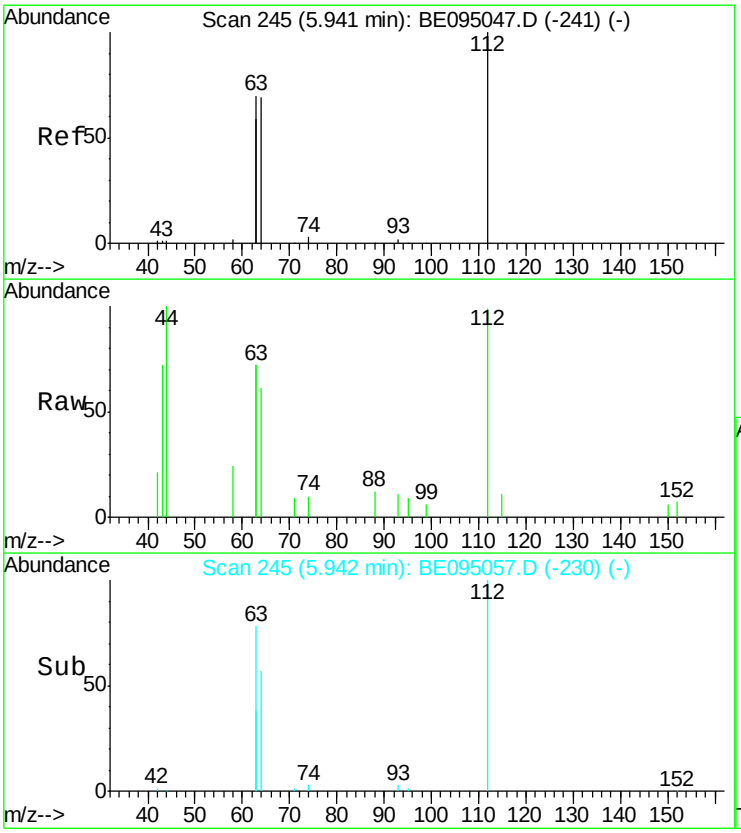
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:152 Resp: 5217

Ion	Ratio	Lower	Upper
152	100		
150	144.3	117.2	175.8
115	64.3	57.0	85.6

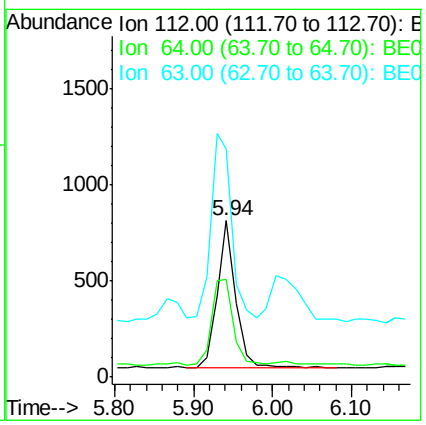


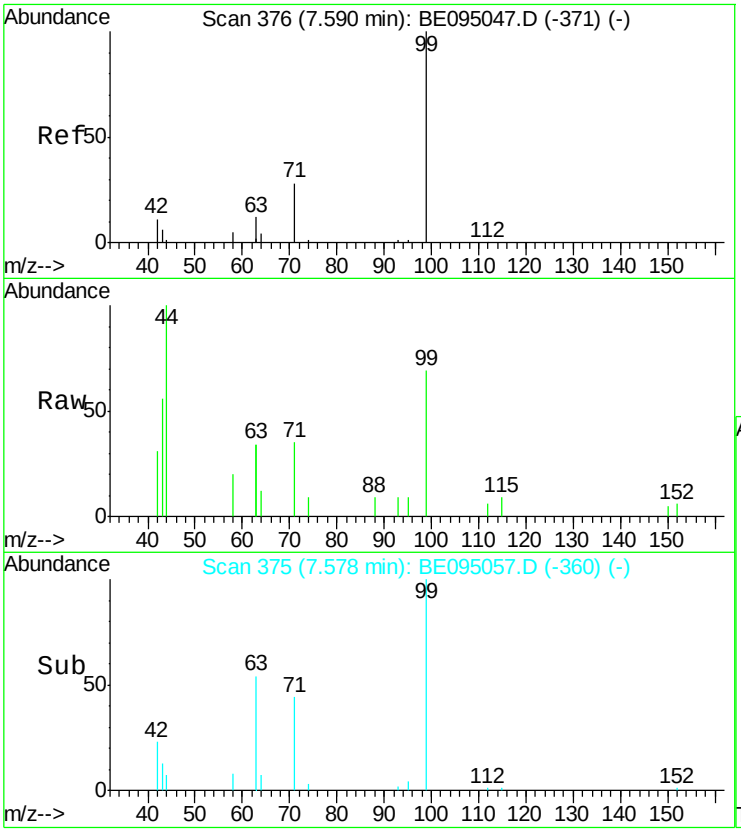


#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.94 min Scan# 245
Delta R.T. -0.01 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:112 Resp: 1256

Ion	Ratio	Lower	Upper
112	100		
64	69.2	60.1	90.1
63	145.2	116.8	175.2



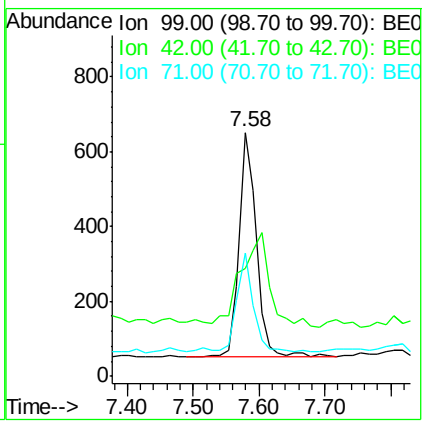


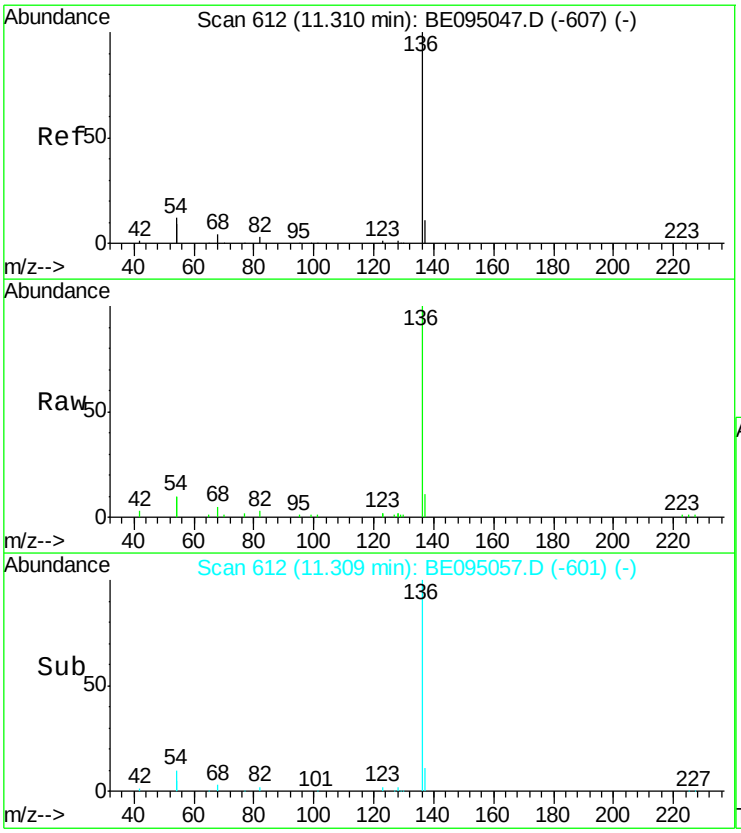
#5
Phenol-d6
Concen: 0.092 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion: 99 Resp: 1103

Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	43.8	28.4	42.6#

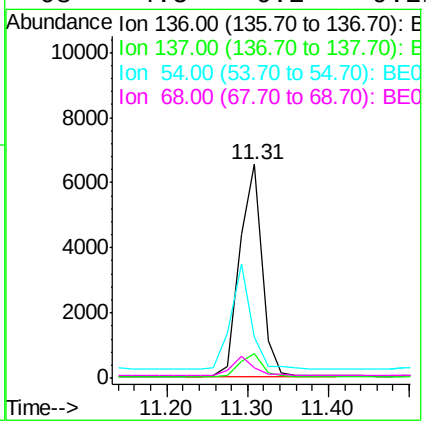


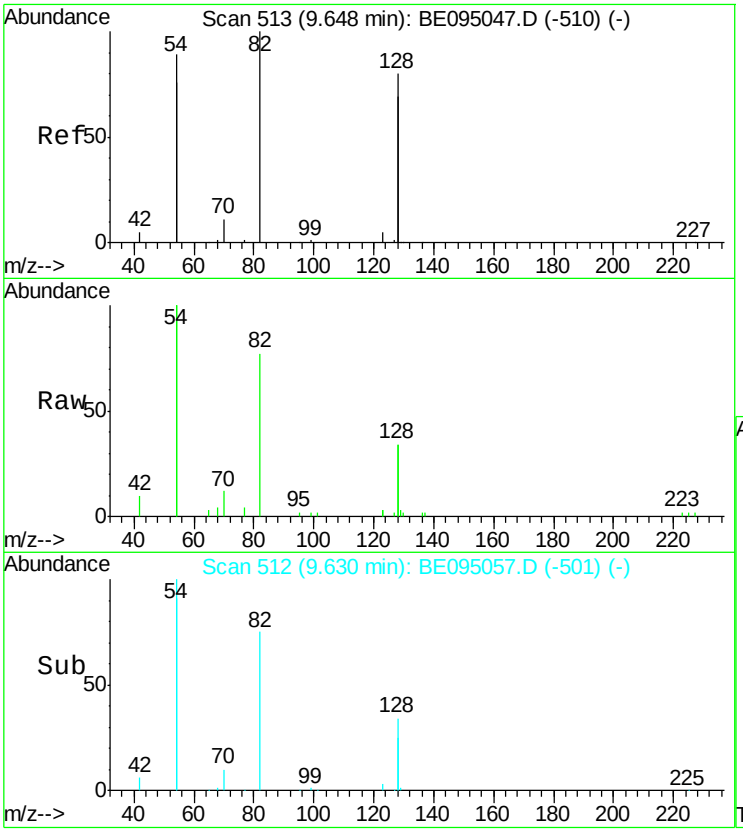


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:136 Resp: 12524

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	19.5	29.1	43.7#
68	4.5	6.2	9.2#



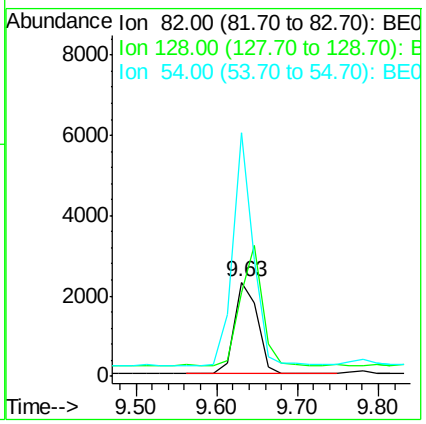


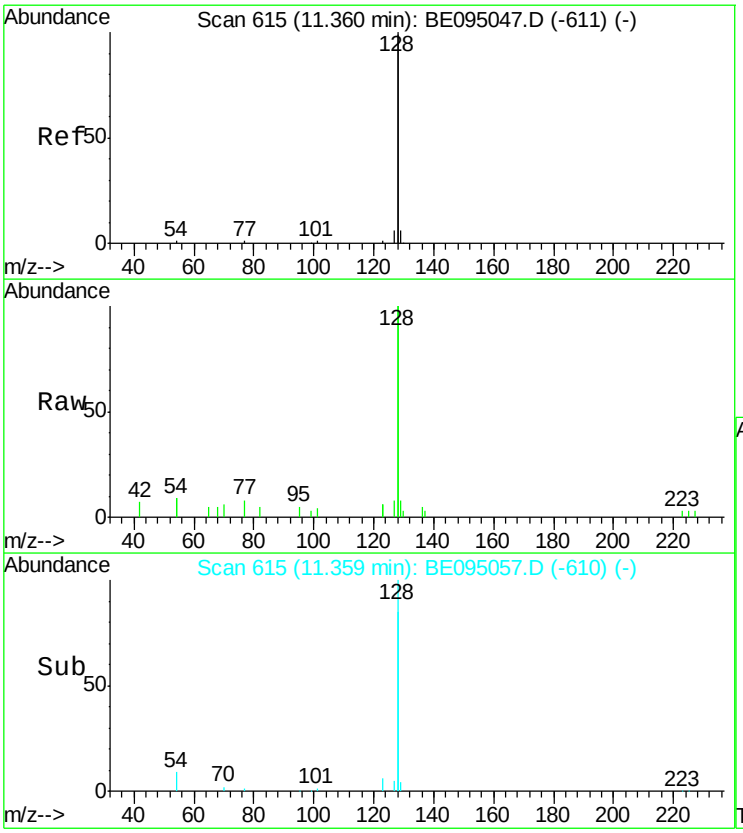
#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion: 82 Resp: 4583

Ion	Ratio	Lower	Upper
82	100		
128	89.0	150.0	225.0#
54	259.3	154.2	231.4#

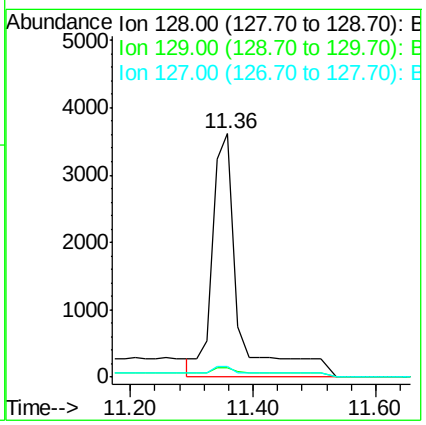


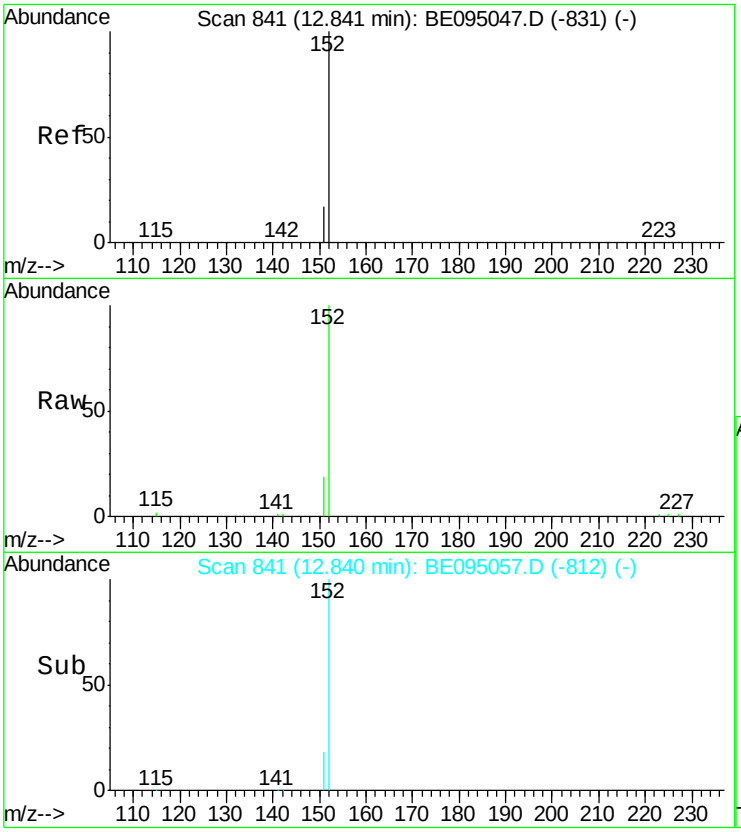


#9
Naphthalene
Concen: 0.076 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:128 Resp: 11128

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.6	3.8#
127	4.1	2.8	4.2



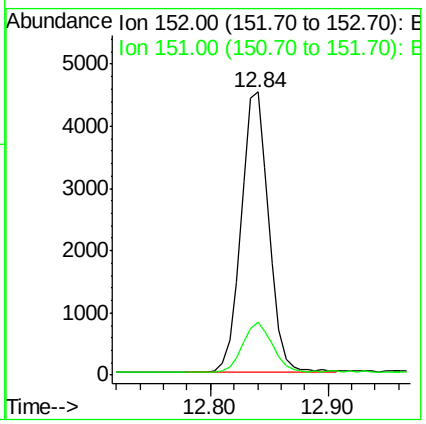


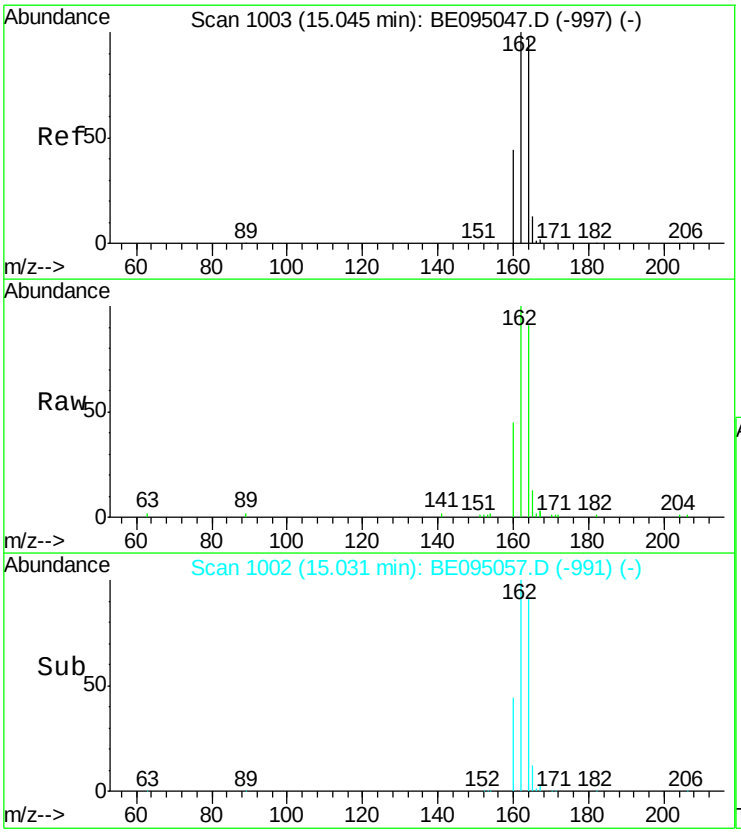
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:152 Resp: 7323

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

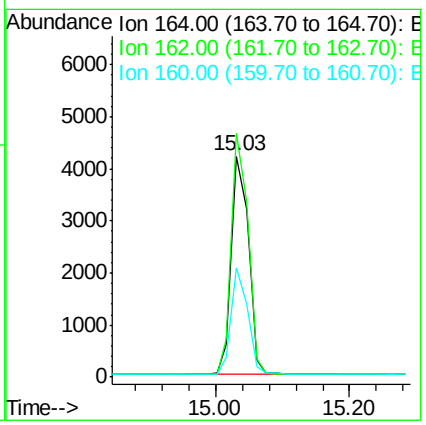


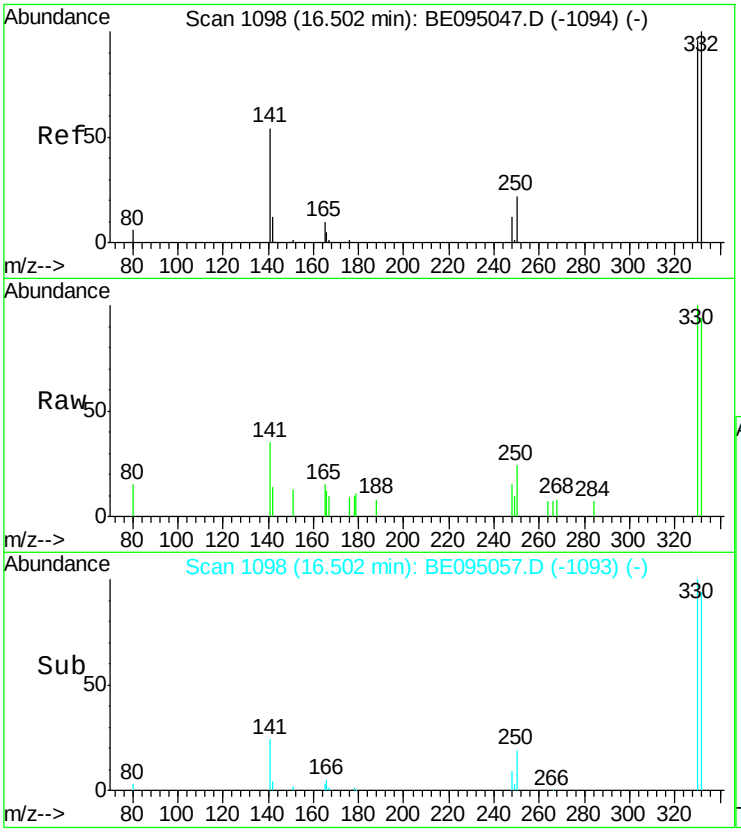


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:164 Resp: 7396

Ion	Ratio	Lower	Upper
164	100		
162	110.1	83.1	124.7
160	49.4	37.1	55.7



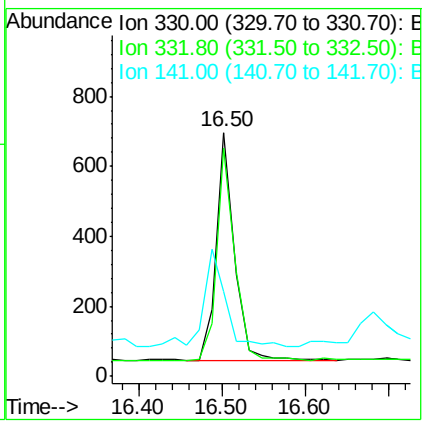


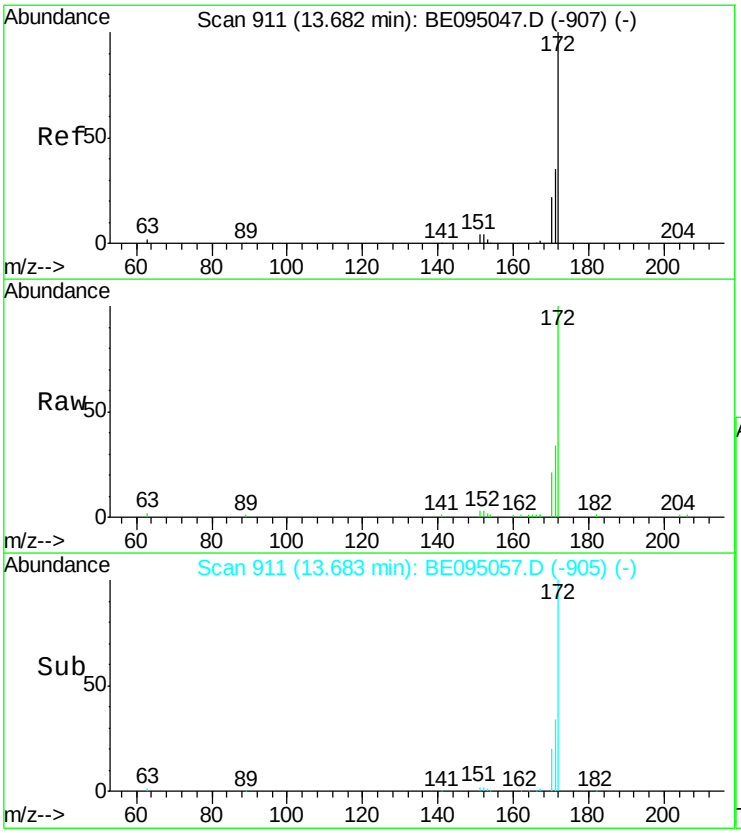
#14
2,4,6-Tribromophenol
Concen: 0.582 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:330 Resp: 1000

Ion	Ratio	Lower	Upper
330	100		
332	92.0	152.7	229.1#
141	50.7	33.7	50.5#

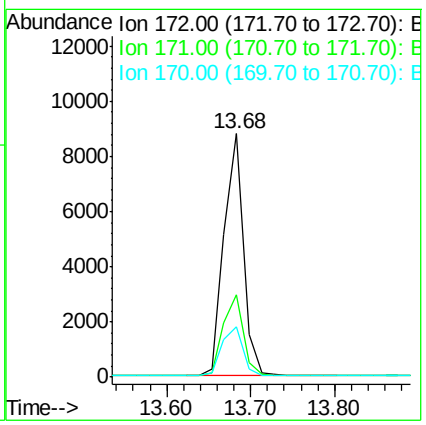


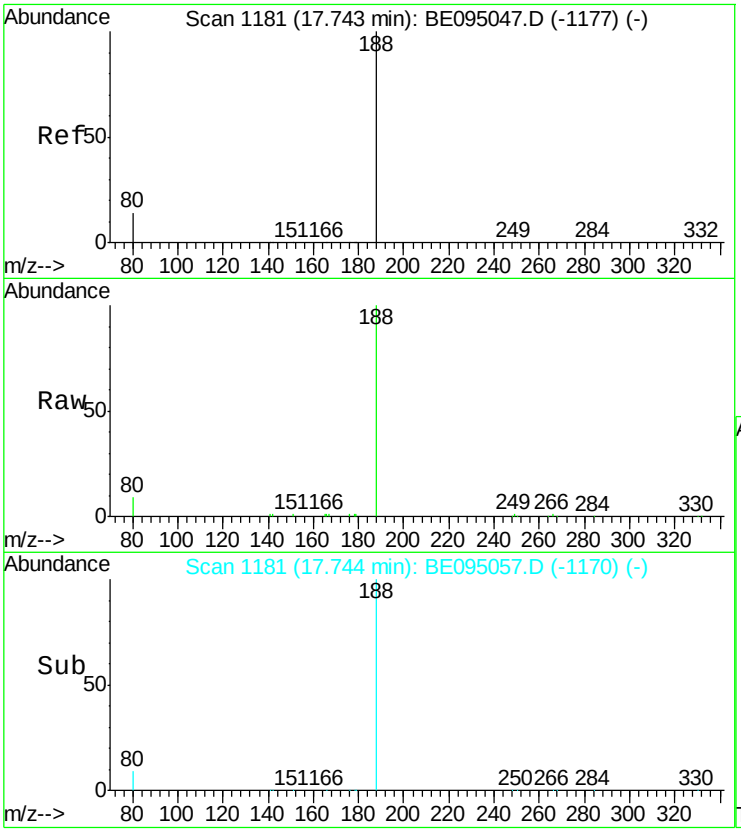


#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.02 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:172 Resp: 14151

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.9	44.9
170	20.6	21.8	32.8#



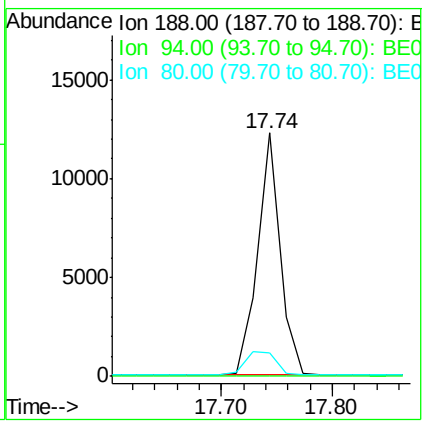


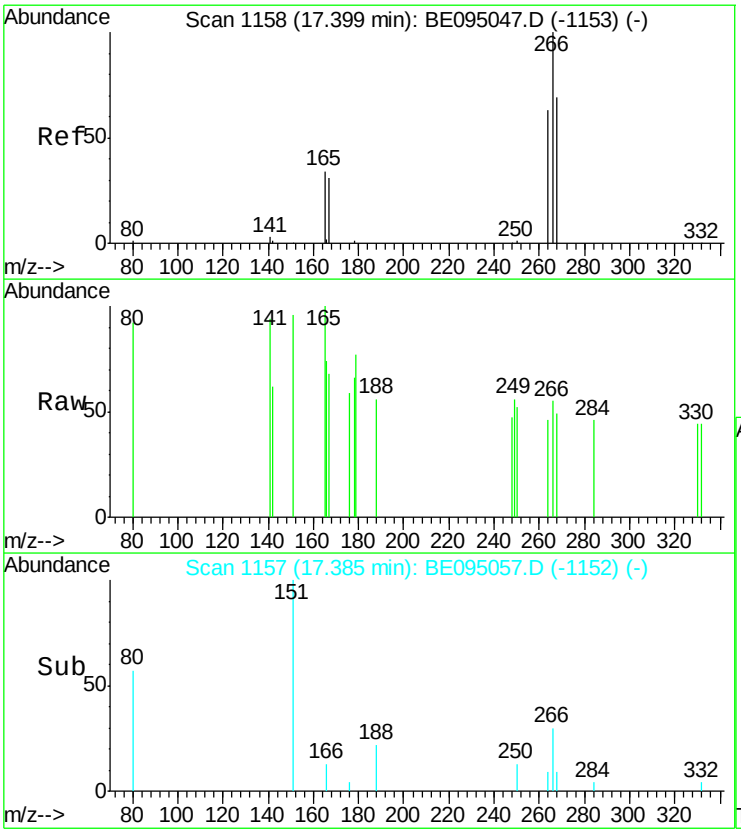
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:188 Resp: 17391

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.5	3.6	5.4#

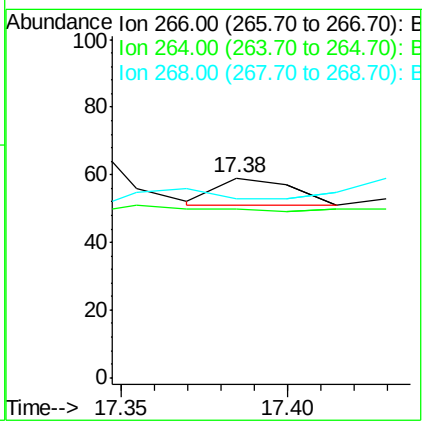


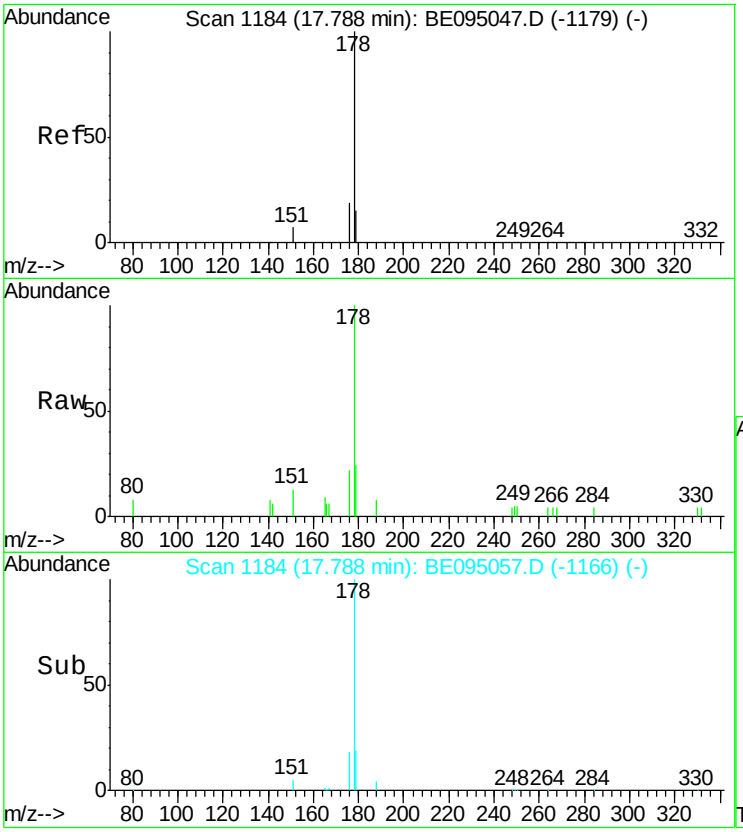


#22
Pentachlorophenol
Concen: 0.084 ng
RT: 17.38 min Scan# 1157
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	84.7	72.5	108.7
268	89.8	73.8	110.6



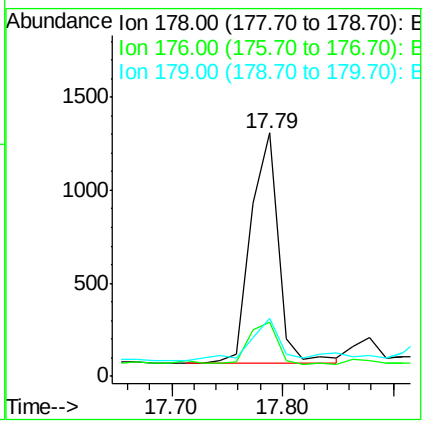


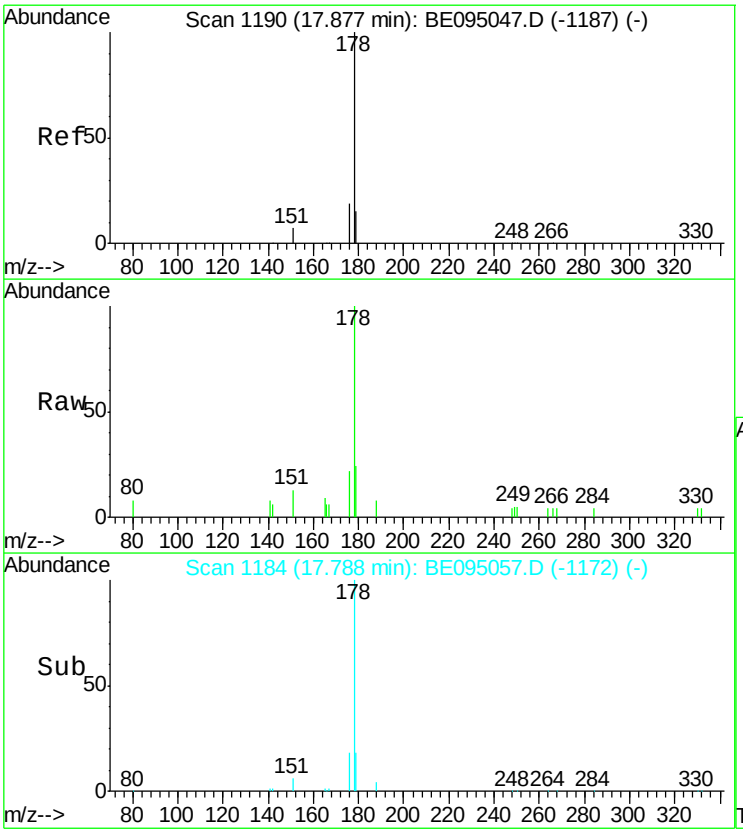
#23
Phenanthrene
Concen: 0.039 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:178 Resp: 2117

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.4	11.8	17.6

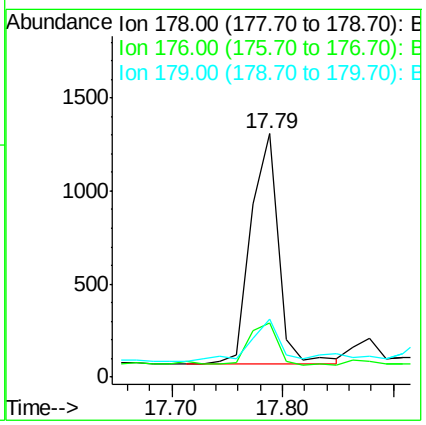


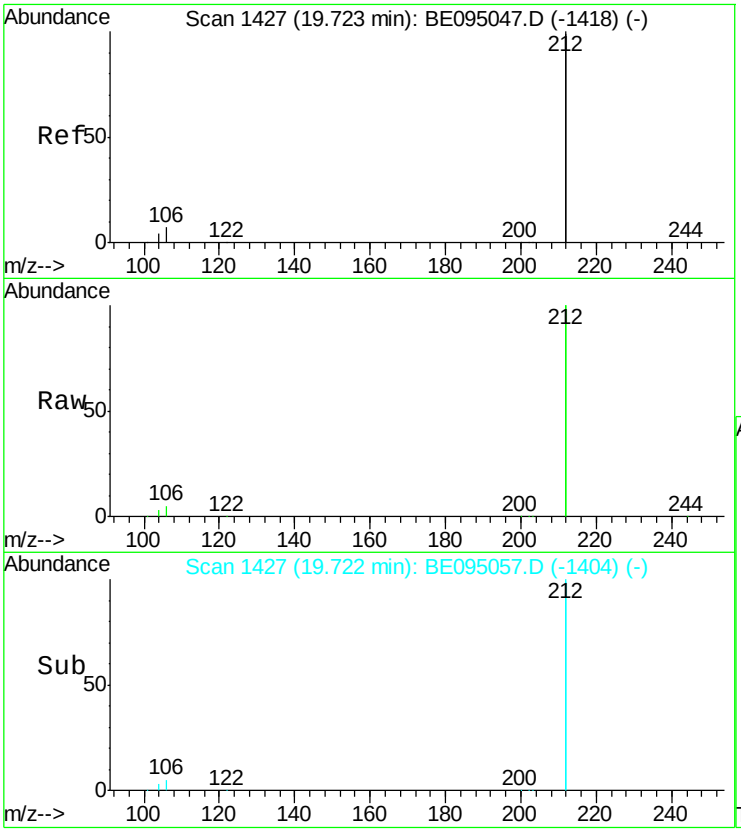


#24
Anthracene
Concen: 0.038 ng
RT: 17.79 min Scan# 1184
Delta R.T. -0.12 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:178 Resp: 2117

Ion	Ratio	Lower	Upper
178	100		
176	18.3	12.8	19.2
179	15.4	13.0	19.6



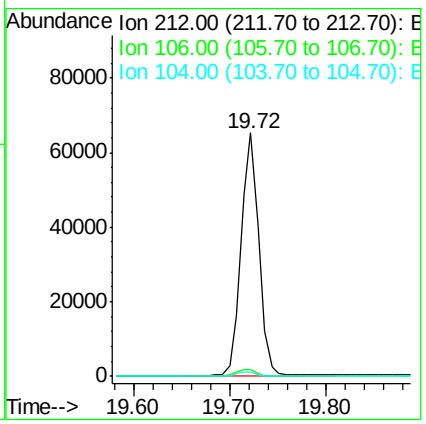


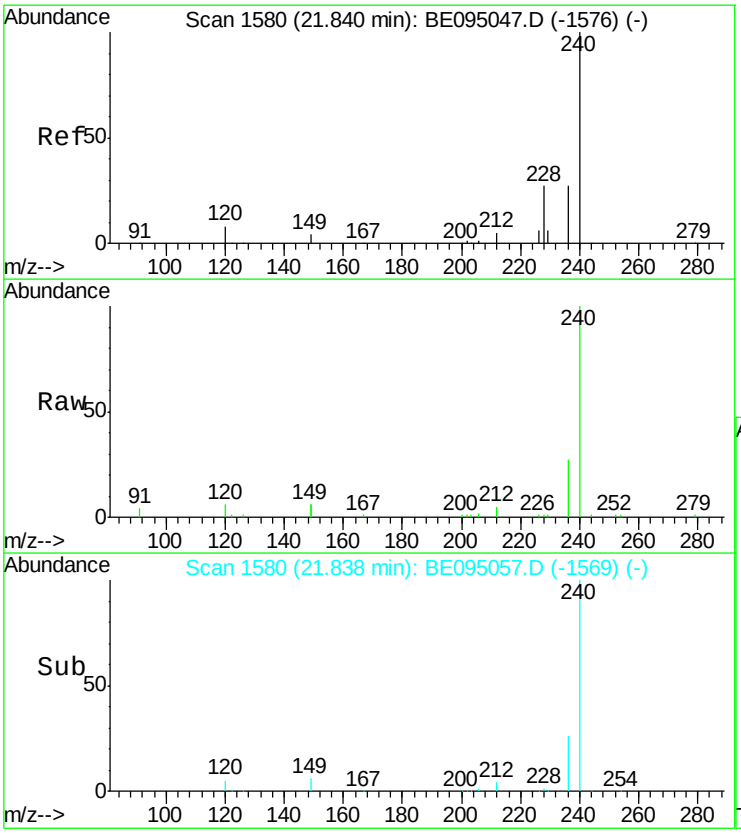
#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:212 Resp: 83797

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.8	1.6	2.4

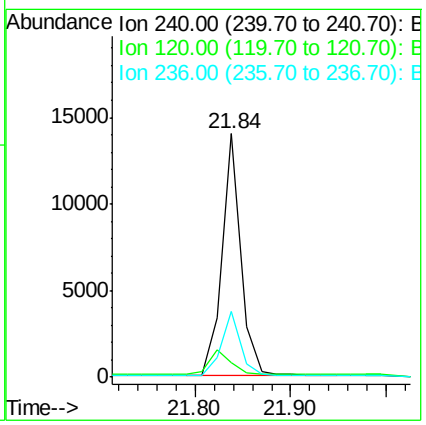


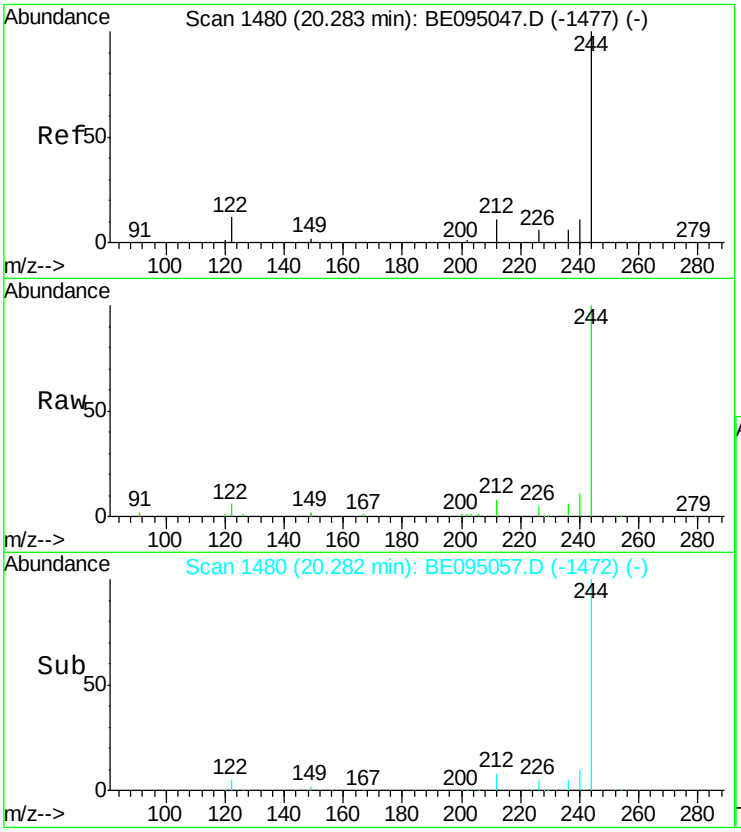


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:240 Resp: 19344

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.5	8.3
236	27.0	20.7	31.1



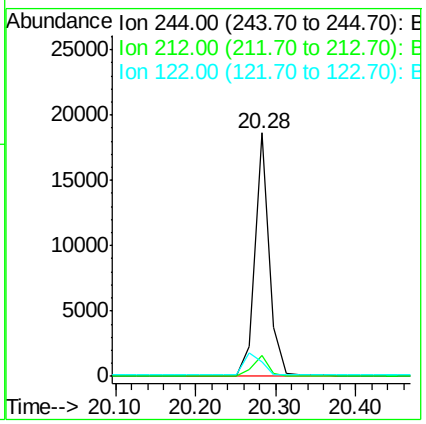


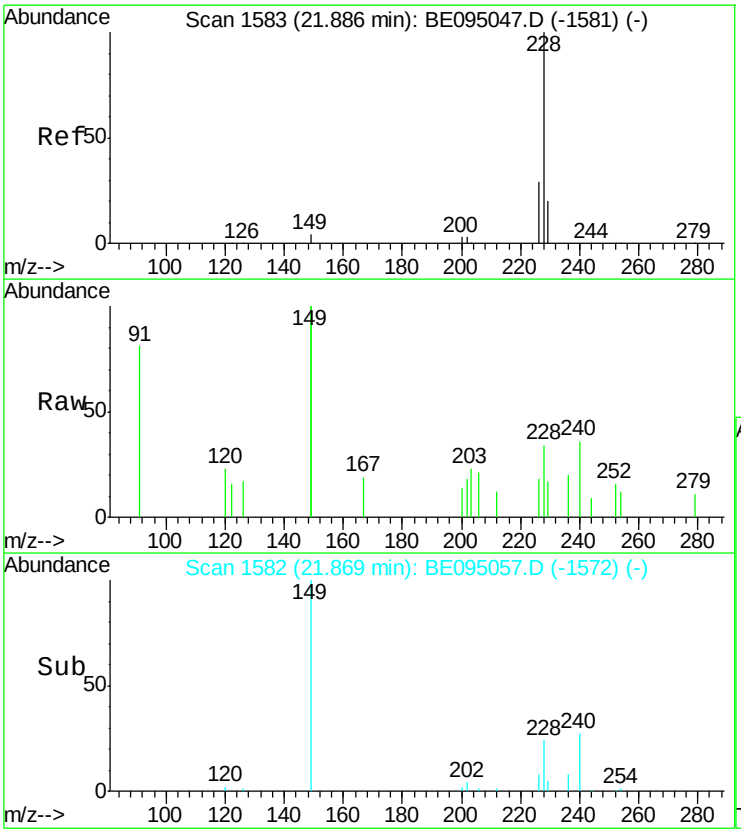
#29
Terphenyl-d14
Concen: 0.638 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:244 Resp: 23217

Ion	Ratio	Lower	Upper
244	100		
212	8.4	25.4	38.0#
122	5.8	8.1	12.1#

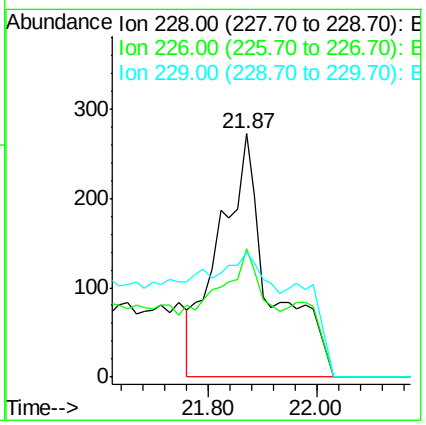


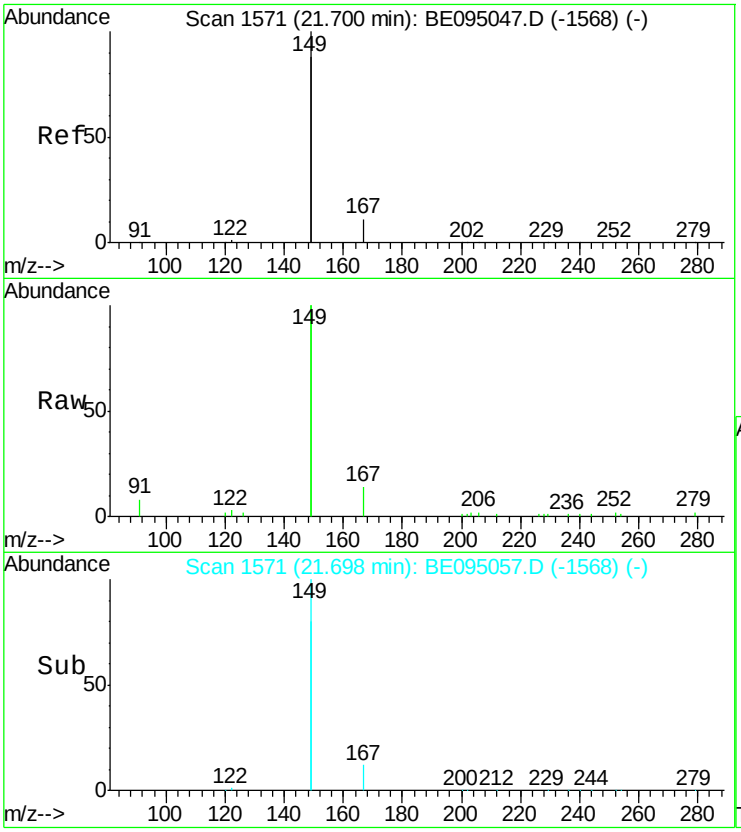


#31
Chrysene
Concen: 0.029 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:228 Resp: 1830

Ion	Ratio	Lower	Upper
228	100		
226	52.9	40.0	60.0
229	51.5	40.0	60.0



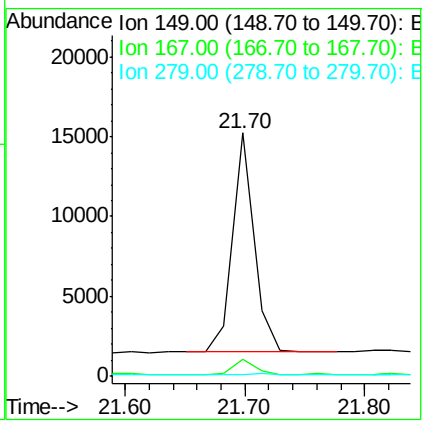


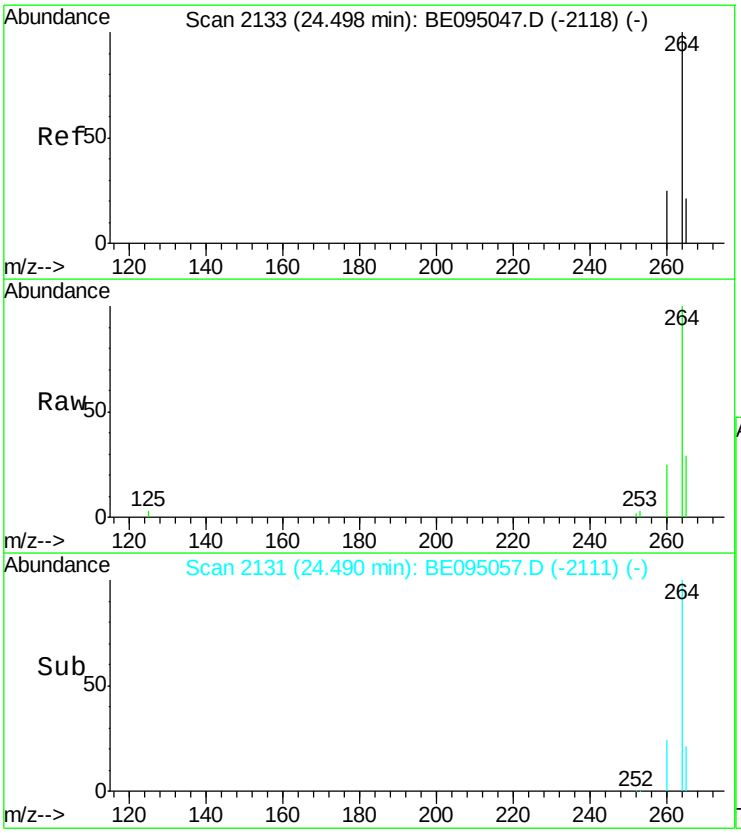
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.234 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095057.D
Acq: 26 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
C-MW-11-121817

Tgt Ion:149 Resp: 16890

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.4	8.0
279	0.8	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: BE095057.D
Acq: 26 Dec 2017 15:50

Tgt Ion:264 Resp: 17626

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	28.6	22.8	34.2