Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122617\
Data File : BE095056.D
Acq On : 26 Dec 2017 15:15
Operator : SJ/JU
Sample : I7004-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-5-121817

Quant Time: Dec 26 16:51:23 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	6049	0.40	ng		0.00
7) Naphthalene-d8	11.31	136	13898	0.40	ng		-0.02
13) Acenaphthene-d10	15.03	164	12371	0.40	ng		-0.03
19) Phenanthrene-d10	17.74	188	17853	0.40	ng		-0.03
27) Chrysene-d12	21.84	240	19191	0.40	ng		-0.03
34) Perylene-d12	24.49	264	17529	0.40	ng		-0.06
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	4190	0.45	ng		0.00
5) Phenol-d6	7.58	99	2088	0.15	ng		0.00
8) Nitrobenzene-d5	9.63	82	7558	0.66	ng		-0.02
11) 2-Methylnaphthalene-d10	12.84	152	9545	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	16.50	330	1645	0.57	ng		-0.03
15) 2-Fluorobiphenyl	13.68	172	17693	0.32	ng		-0.01
25) Fluoranthene-d10	19.72	212	95795	0.41	ng		-0.03
29) Terphenyl-d14	20.28	244	21271	0.59	ng		-0.03
Target Compounds							Qvalue
9) Naphthalene	11.36	128	3164512	19.390	ng		99
12) 2-Methylnaphthalene	12.91	142	28203	0.693	ng	#	92
17) Acenaphthene	15.11	154	3353	0.076	ng	#	43
18) Fluorene	16.07	166	6944	0.127	ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.70	149	8986	0.126	ng	#	99

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

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Quant Time: Dec 26 16:51:23 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
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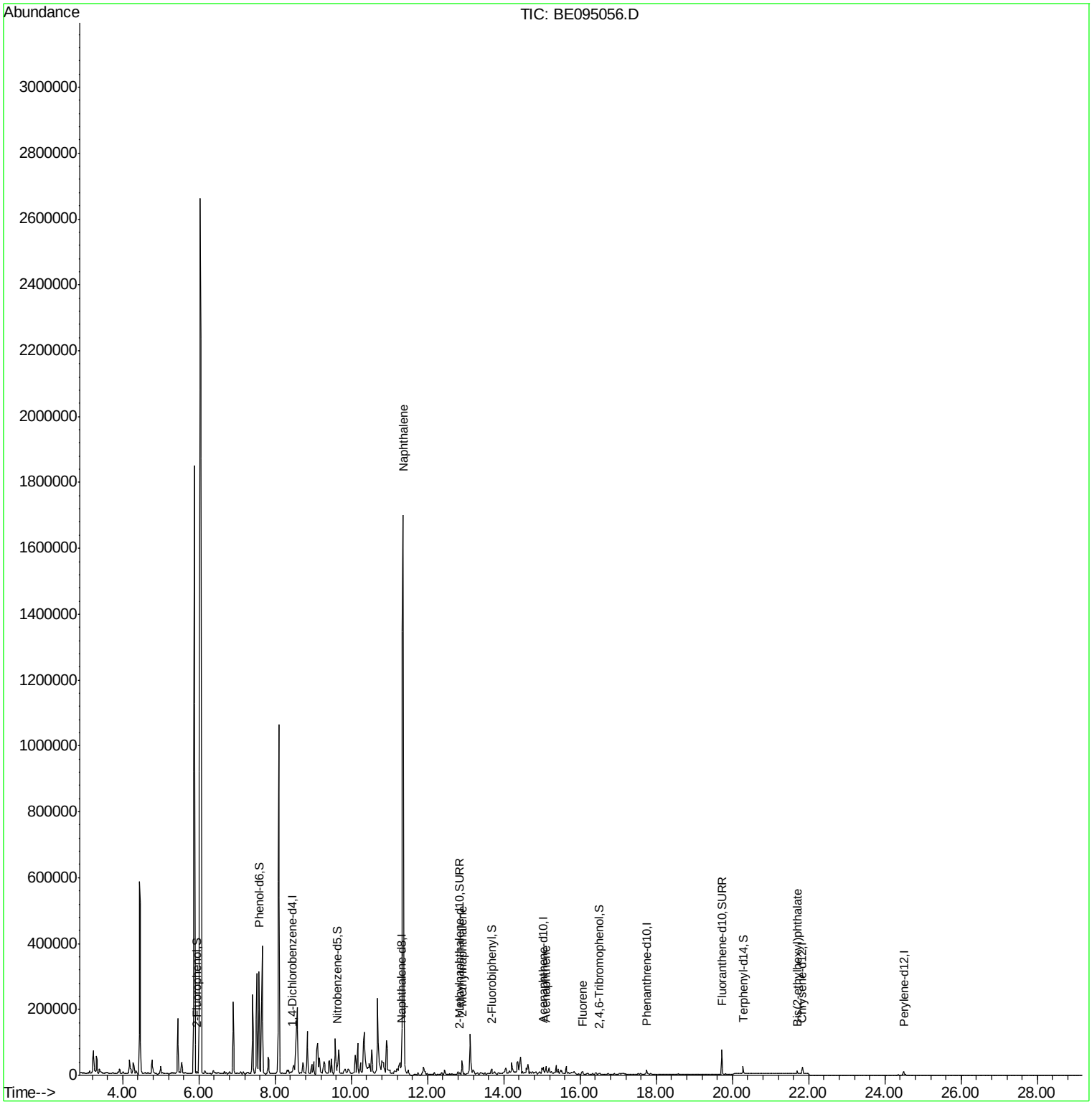
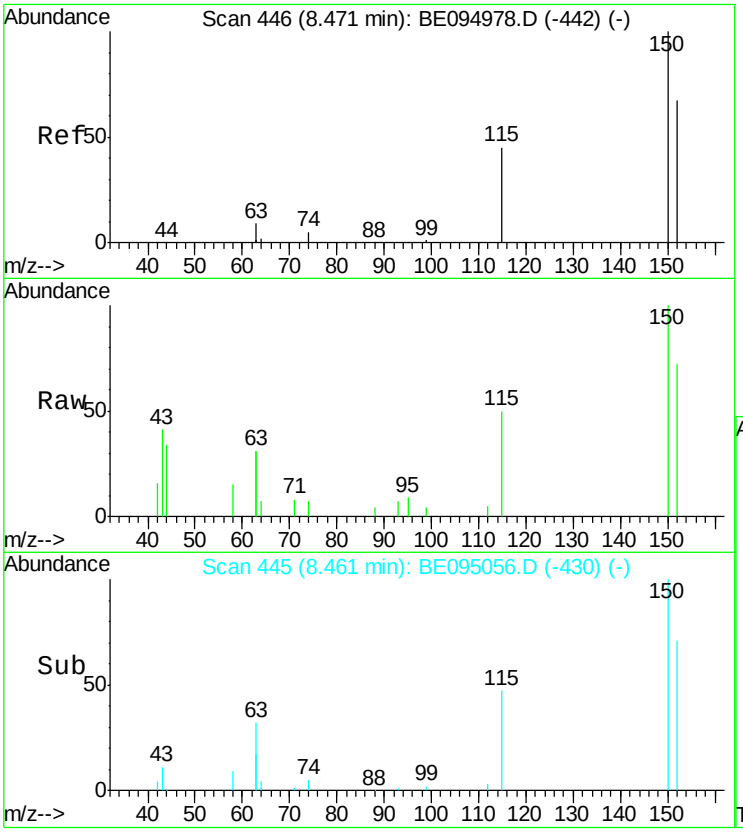


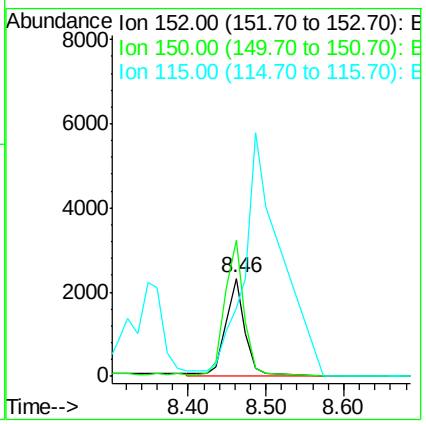


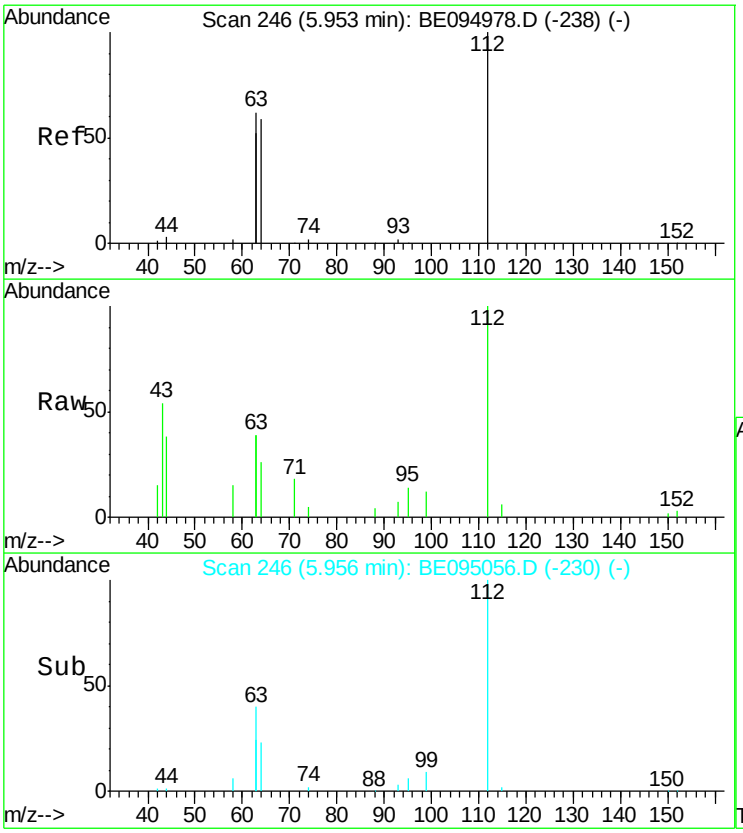
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 445
Delta R.T. -0.01 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:152 Resp: 6049

Ion	Ratio	Lower	Upper
152	100		
150	138.8	117.2	175.8
115	69.6	57.0	85.6

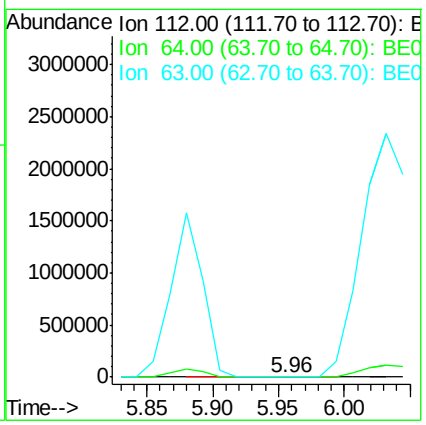


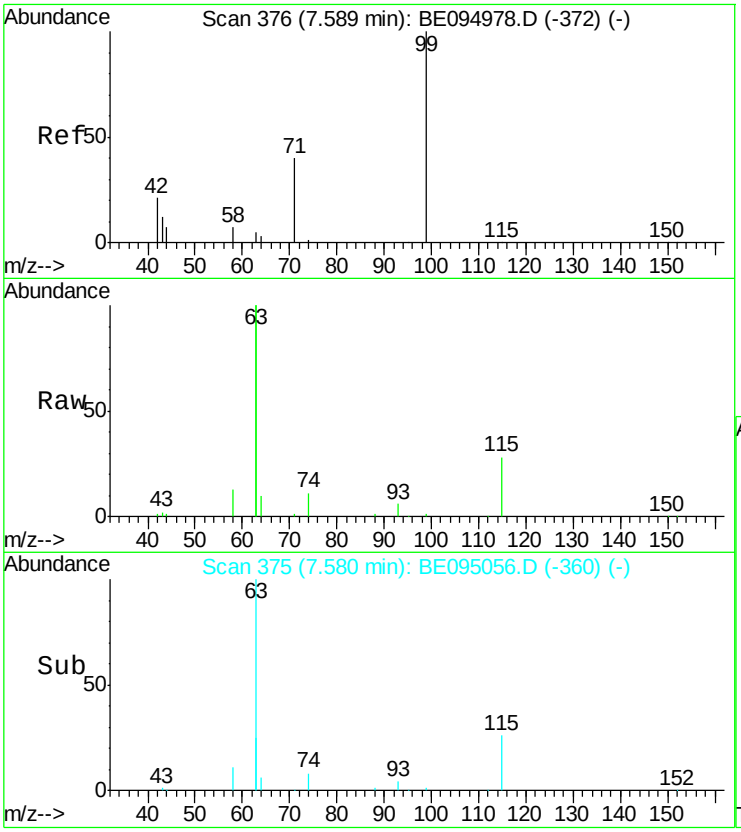


#4
2-Fluorophenol
Concen: 0.446 ng
RT: 5.96 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:112 Resp: 4190

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.1	90.1#
63	0.0	116.8	175.2#



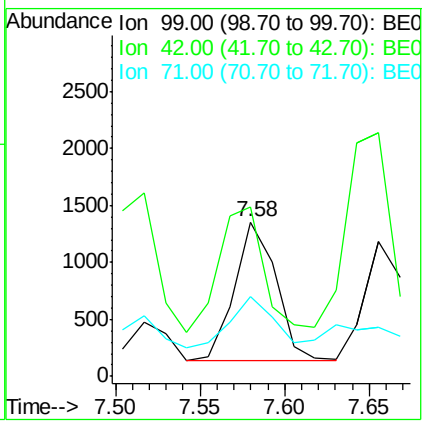


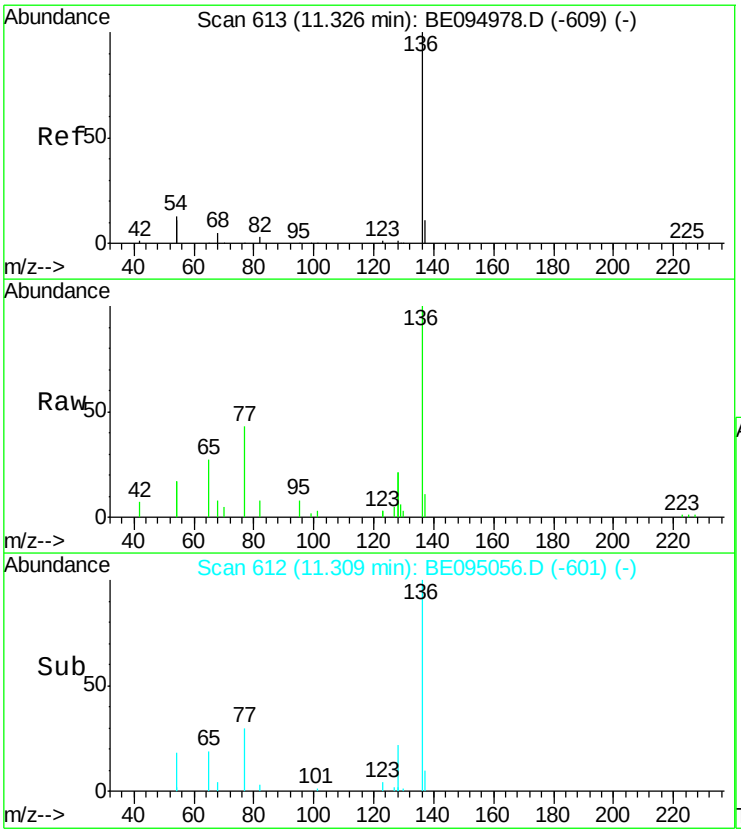
#5
Phenol-d6
Concen: 0.150 ng
RT: 7.58 min Scan# 375
Delta R.T. -0.01 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion: 99 Resp: 2088

Ion	Ratio	Lower	Upper
99	100		
42	98.5	20.2	30.2#
71	38.8	28.4	42.6

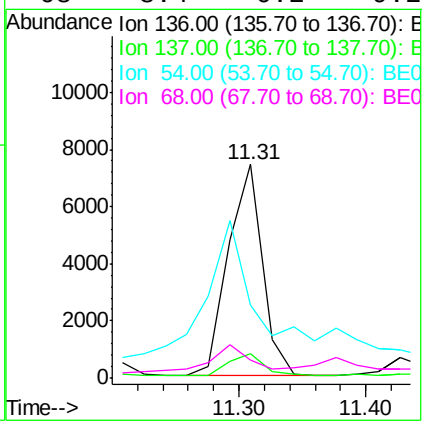


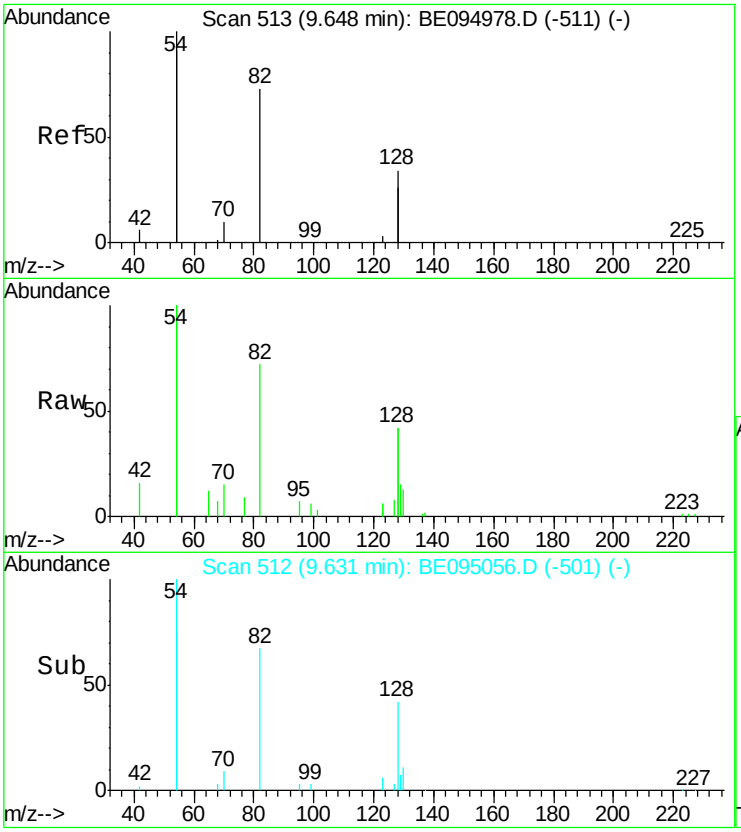


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.31 min Scan# 612
Delta R.T. -0.02 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:136 Resp: 13898

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	34.2	29.1	43.7
68	8.4	6.2	9.2



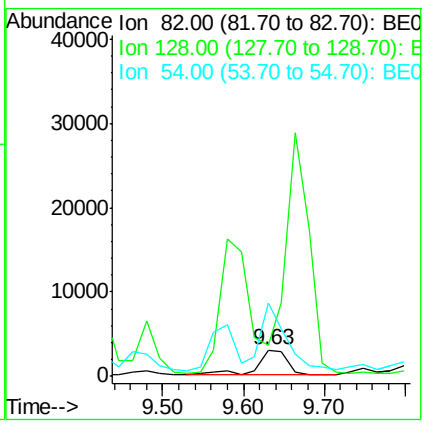


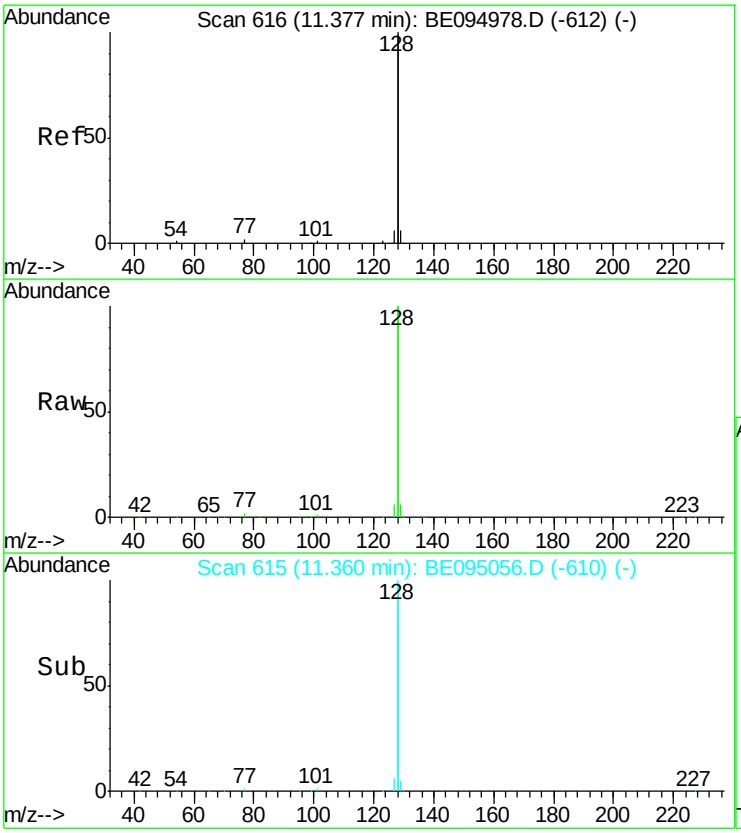
#8
Nitrobenzene-d5
Concen: 0.663 ng
RT: 9.63 min Scan# 512
Delta R.T. -0.02 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion: 82 Resp: 7558

Ion	Ratio	Lower	Upper
82	100		
128	117.3	150.0	225.0#
54	278.8	154.2	231.4#

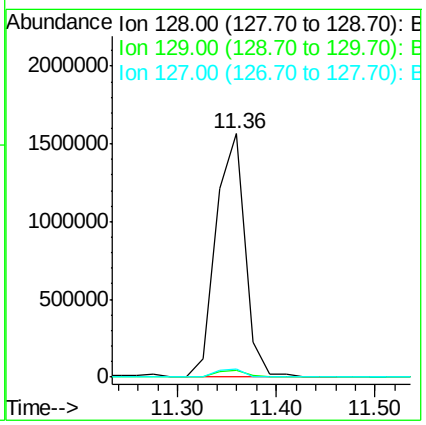


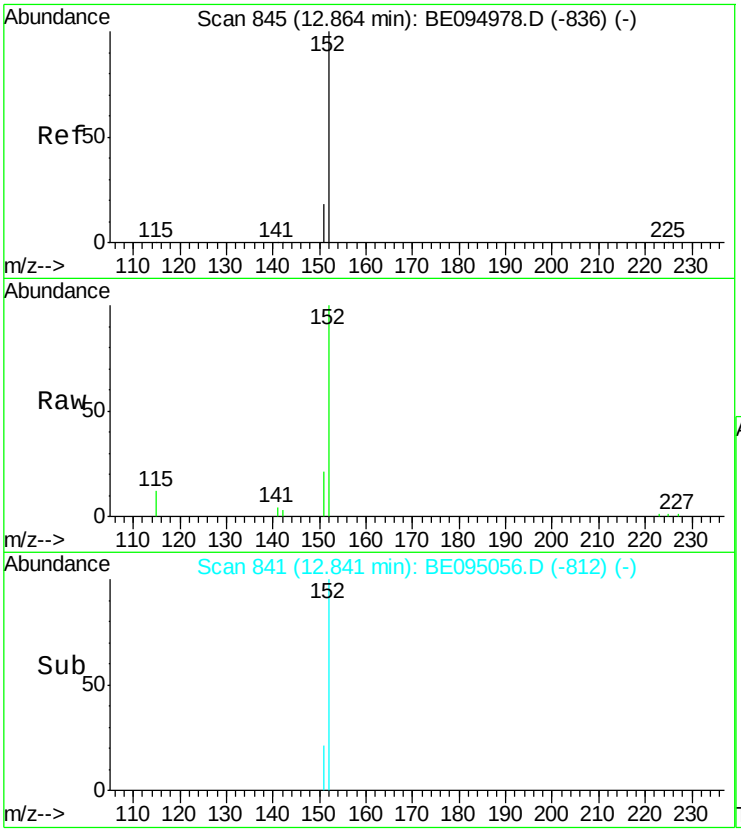


#9
Naphthalene
Concen: 19.390 ng
RT: 11.36 min Scan# 615
Delta R.T. -0.02 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:128 Resp: 3164512

Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.6	3.8
127	3.2	2.8	4.2



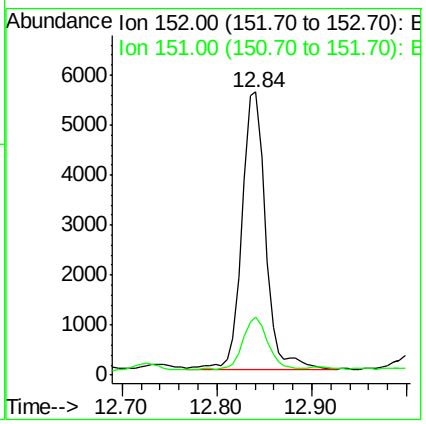


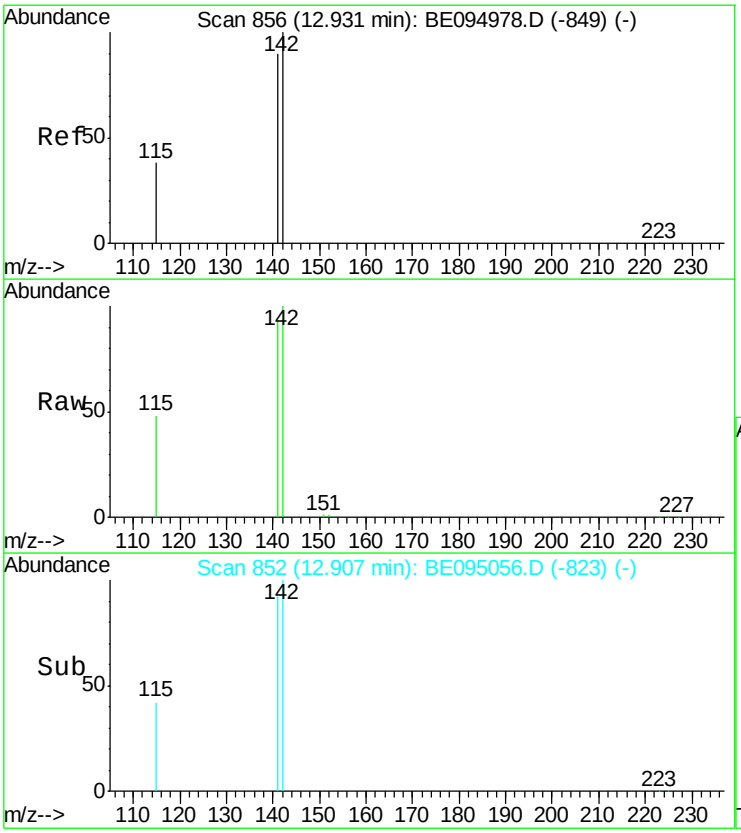
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.84 min Scan# 841
Delta R.T. -0.02 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:152 Resp: 9545

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

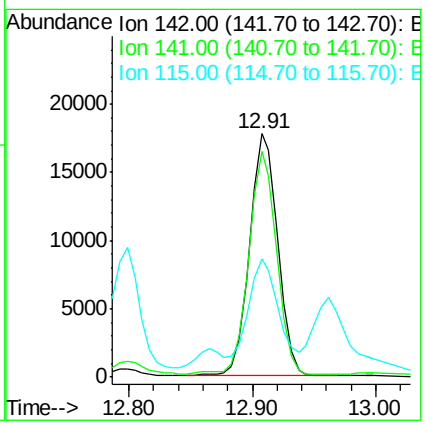


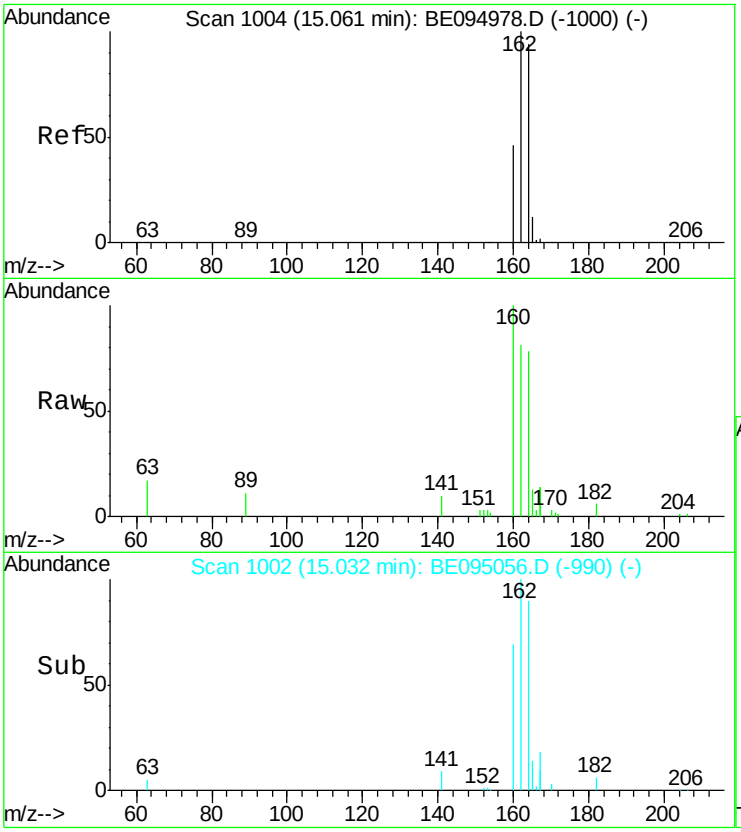


#12
2-Methylnaphthalene
Concen: 0.693 ng
RT: 12.91 min Scan# 852
Delta R.T. -0.02 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:142 Resp: 28203

Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.4	105.6
115	48.5	31.7	47.5#



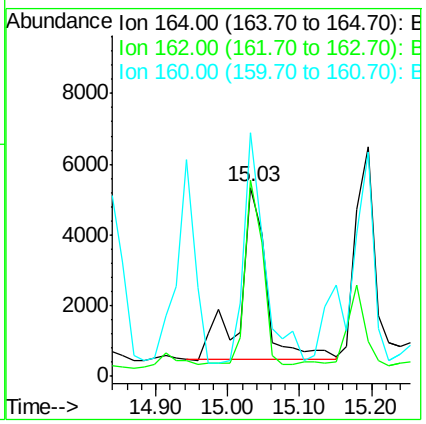


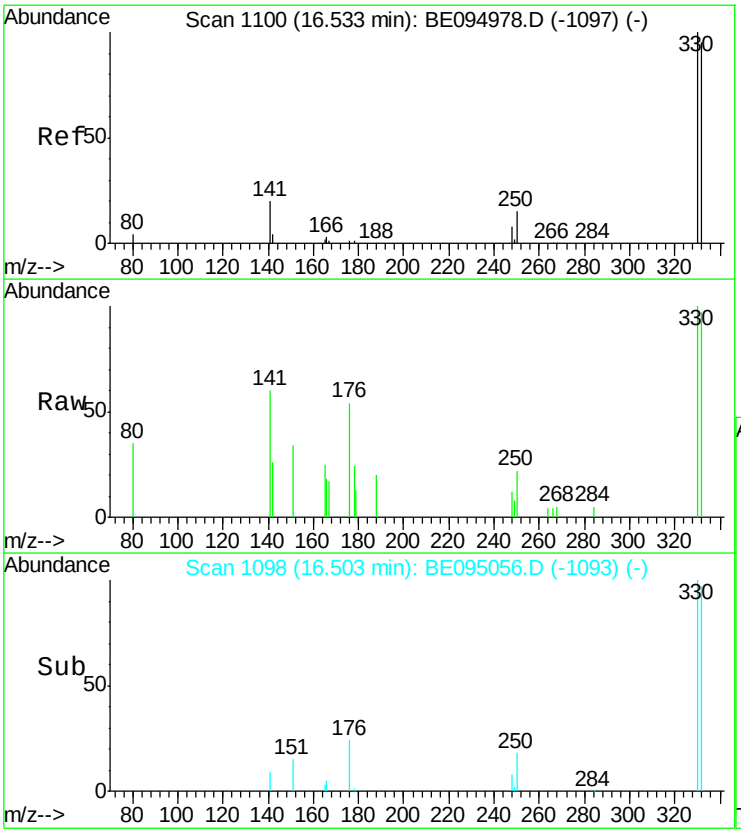
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.03 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:164 Resp: 12371

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.1	124.7
160	128.8	37.1	55.7#

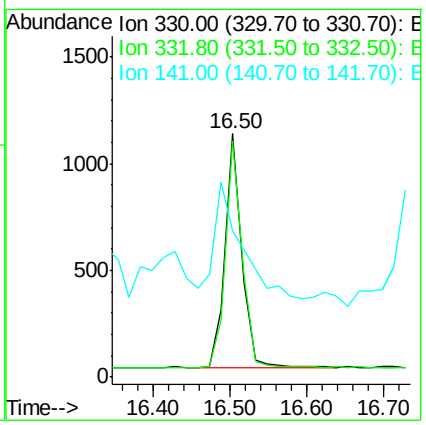


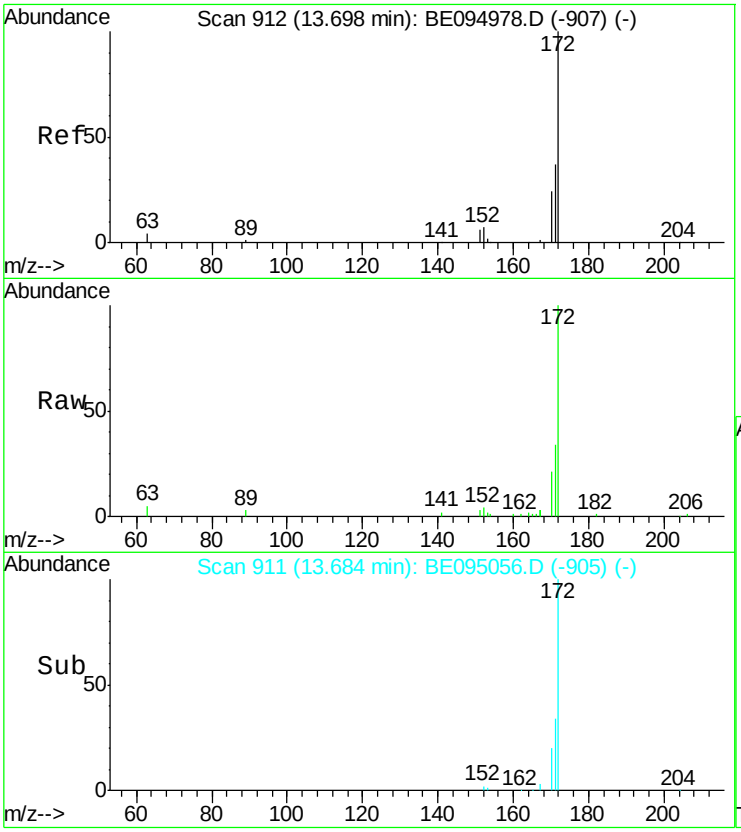


#14
2,4,6-Tribromophenol
Concen: 0.572 ng
RT: 16.50 min Scan# 1098
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:330 Resp: 1645

Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	79.5	33.7	50.5#



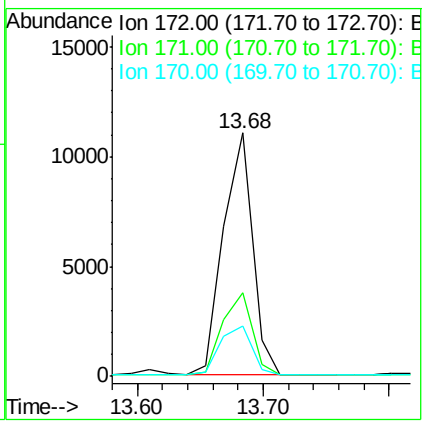


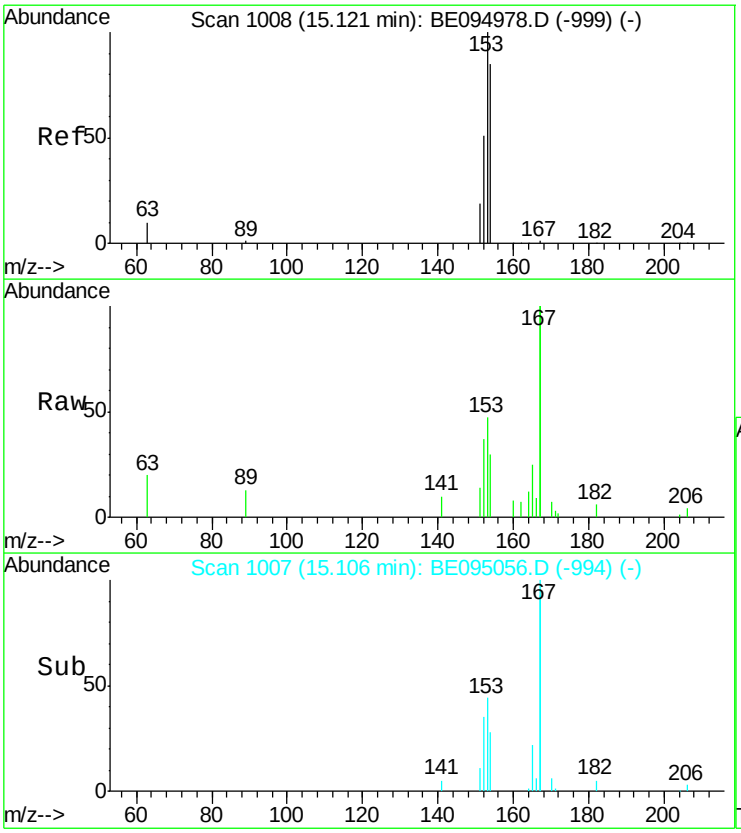
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.68 min Scan# 911
Delta R.T. -0.01 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:172 Resp: 17693

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.9	44.9
170	20.7	21.8	32.8#

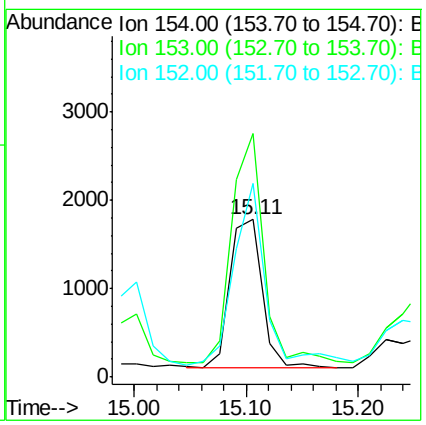


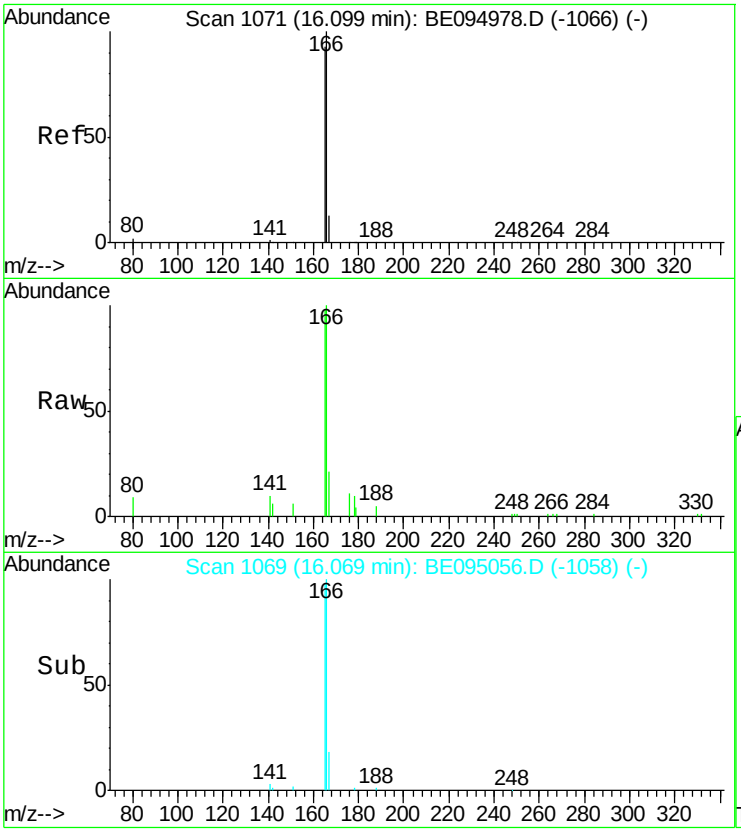


#17
Acenaphthene
Concen: 0.076 ng
RT: 15.11 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:154 Resp: 3353

Ion	Ratio	Lower	Upper
154	100		
153	152.3	89.2	133.8#
152	120.3	42.0	63.0#



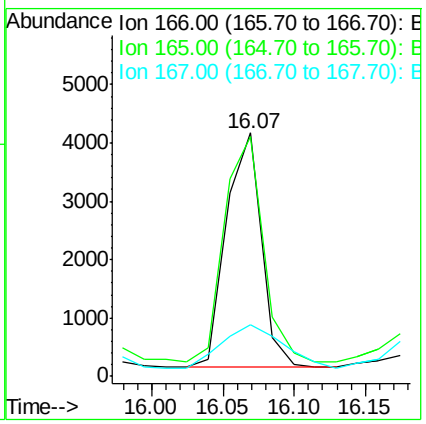


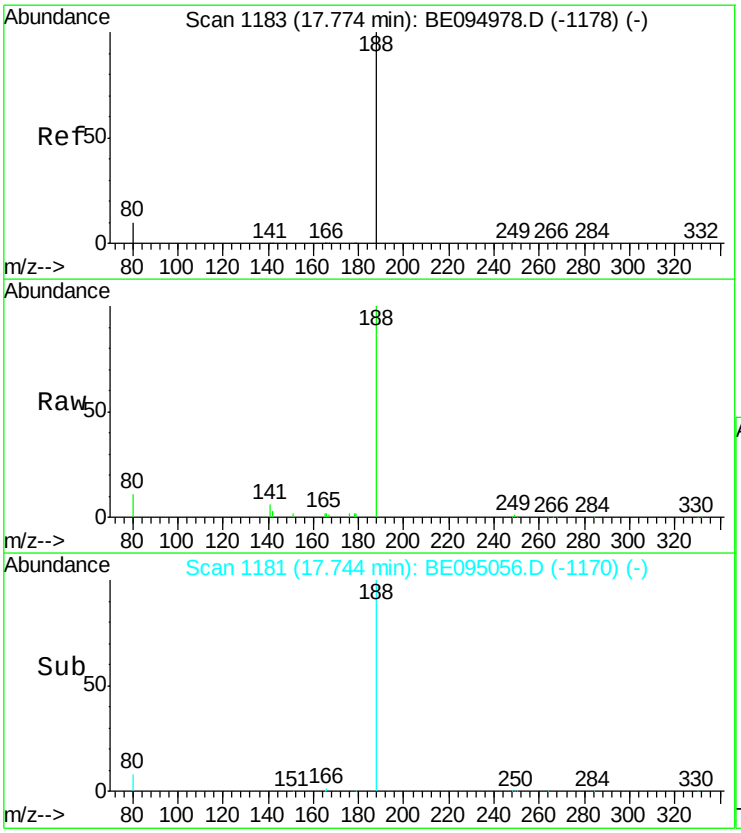
#18
Fluorene
Concen: 0.127 ng
RT: 16.07 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:166 Resp: 6944

Ion	Ratio	Lower	Upper
166	100		
165	105.9	77.8	116.6
167	31.7	42.4	63.6#

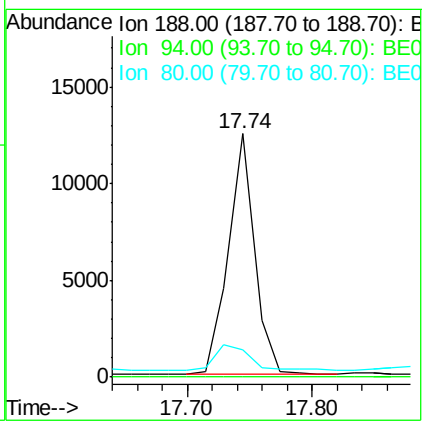


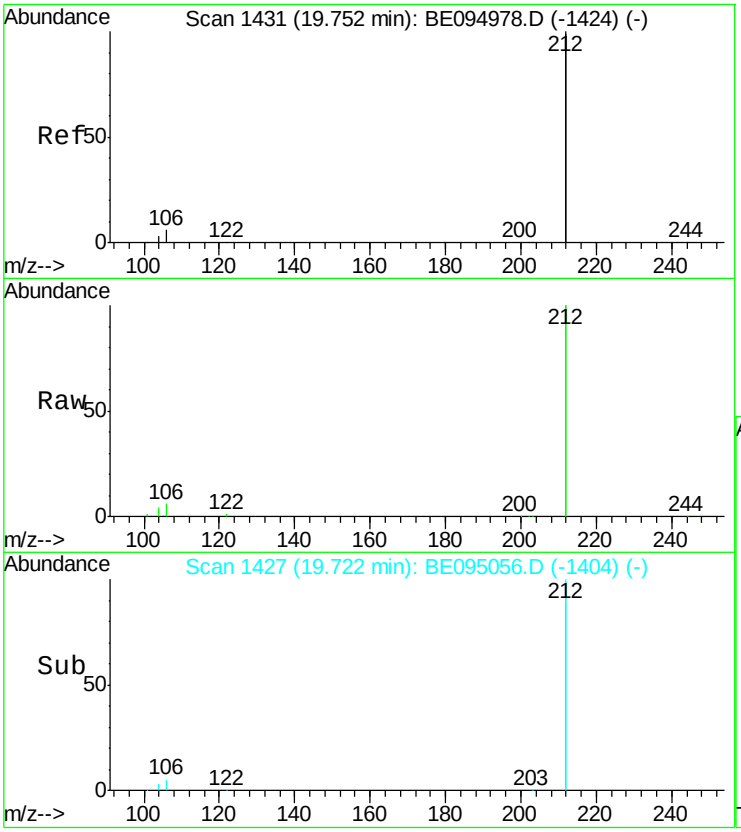


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.74 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:188 Resp: 17853

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	11.0	3.6	5.4#



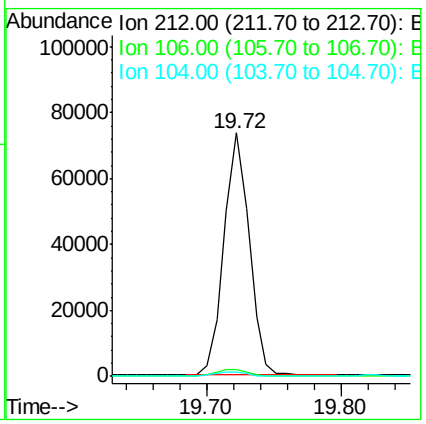


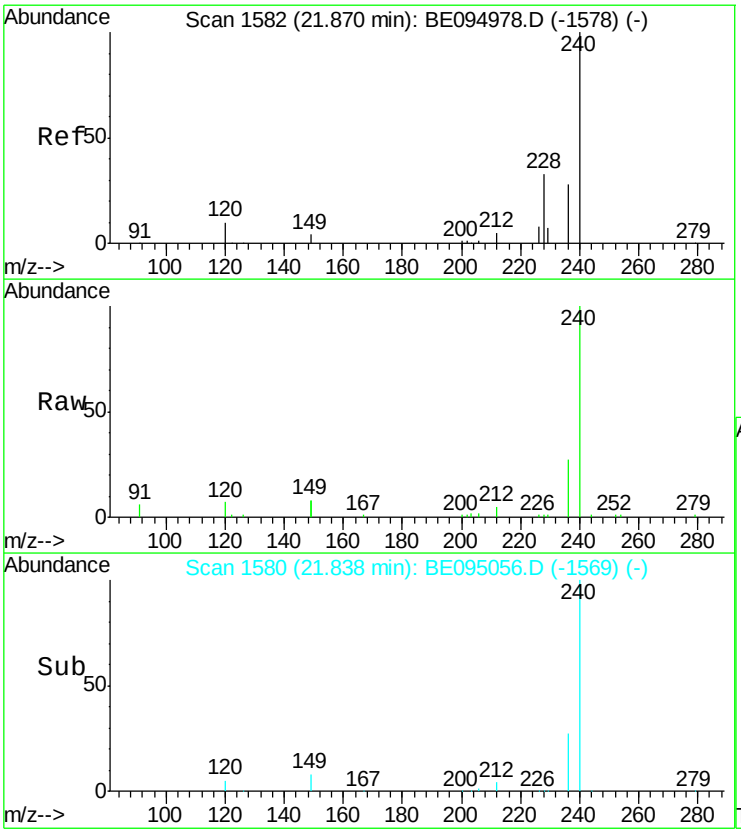
#25
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.72 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:212 Resp: 95795

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.8	4.2
104	1.9	1.6	2.4

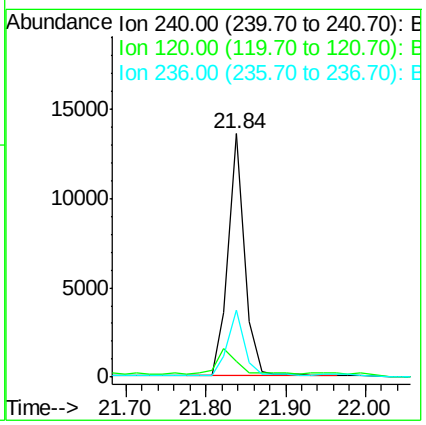


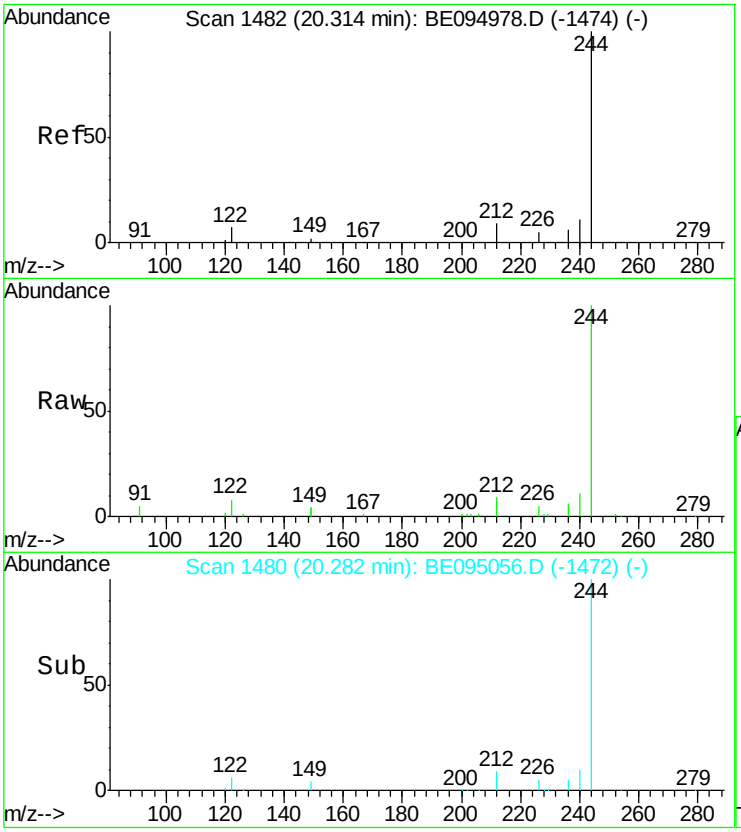


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.84 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:240 Resp: 19191

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.5	8.3
236	27.3	20.7	31.1



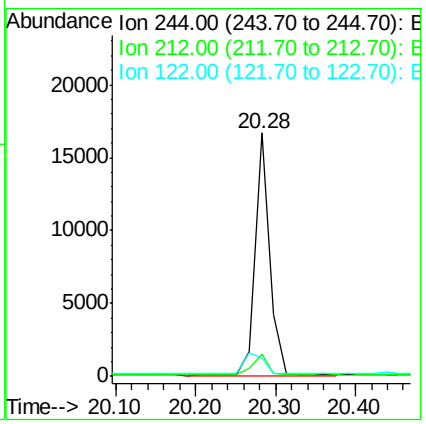


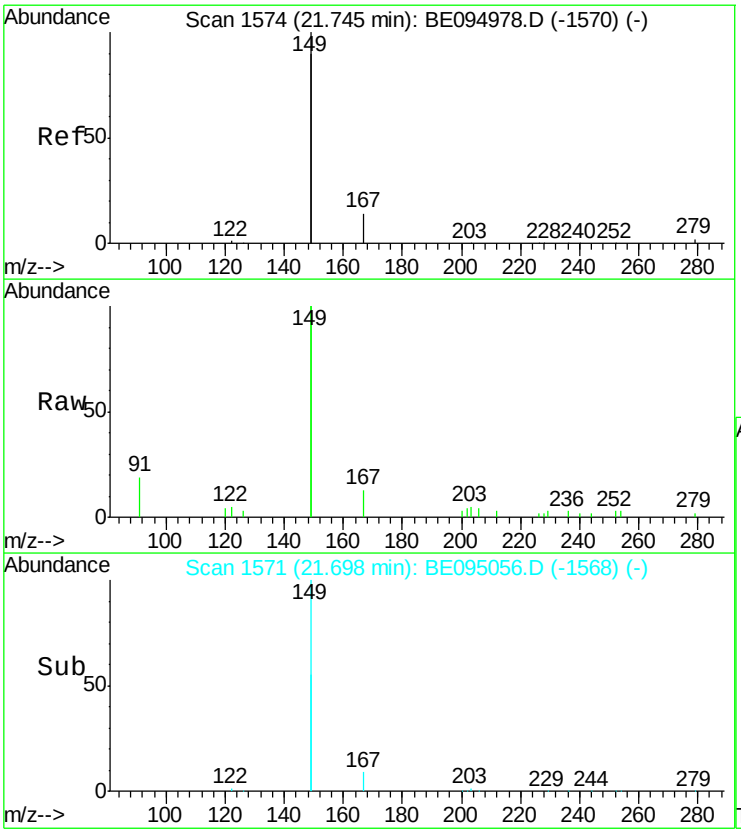
#29
Terphenyl-d14
Concen: 0.589 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.03 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:244 Resp: 21271

Ion	Ratio	Lower	Upper
244	100		
212	9.3	25.4	38.0#
122	7.5	8.1	12.1#

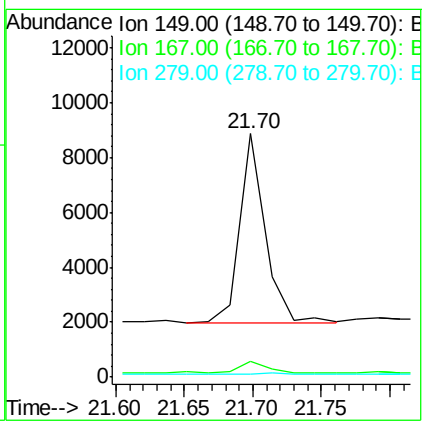


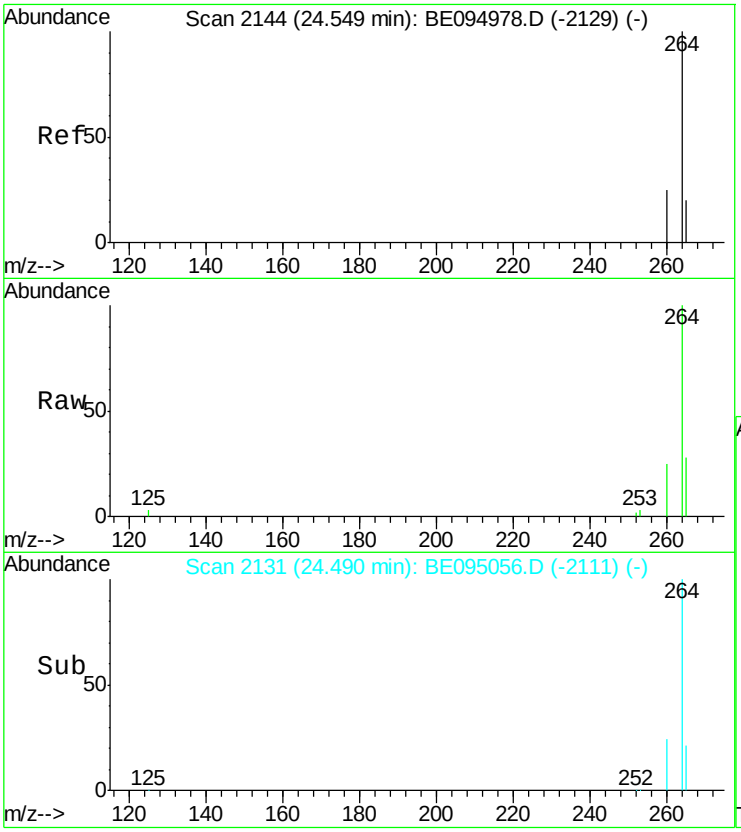


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.126 ng
RT: 21.70 min Scan# 1571
Delta R.T. -0.05 min
Lab File: BE095056.D
Acq: 26 Dec 2017 15:15

Tgt Ion:149 Resp: 8986

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.2	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: BE095056.D
Acq: 26 Dec 2017 15:15

Instrument :
BNA_E
ClientSampleId :
PR-MW-5-121817

Tgt Ion:264 Resp: 17529

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	28.4	22.8	34.2