Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095849.D
Acq On : 26 Mar 2018 21:36
Operator : SJ/JU
Sample : J1980-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-1

Quant Time: Mar 27 06:44:20 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 12:41:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1294	0.40	ng		0.00
7) Naphthalene-d8	11.26	136	5001	0.40	ng		0.00
13) Acenaphthene-d10	14.99	164	3027	0.40	ng		-0.01
19) Phenanthrene-d10	17.70	188	7045	0.40	ng		-0.01
27) Chrysene-d12	21.79	240	8051	0.40	ng		-0.01
34) Perylene-d12	24.41	264	7894	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.91	112	675	0.16	ng		0.00
5) Phenol-d6	7.56	99	568	0.10	ng		0.00
8) Nitrobenzene-d5	9.59	82	2530	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.79	152	2900	0.35	ng		-0.01
14) 2,4,6-Tribromophenol	16.46	330	655	0.37	ng		-0.01
15) 2-Fluorobiphenyl	13.63	172	5950	0.47	ng		-0.01
25) Fluoranthene-d10	19.68	212	36324	0.35	ng		0.00
29) Terphenyl-d14	20.24	244	9073	0.53	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	11.31	128	8748	0.153	ng	#	98
17) Acenaphthene	15.06	154	2262	0.214	ng		93
22) Pentachlorophenol	17.36	266	627	0.523	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.64	149	8724	0.102	ng	#	100

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

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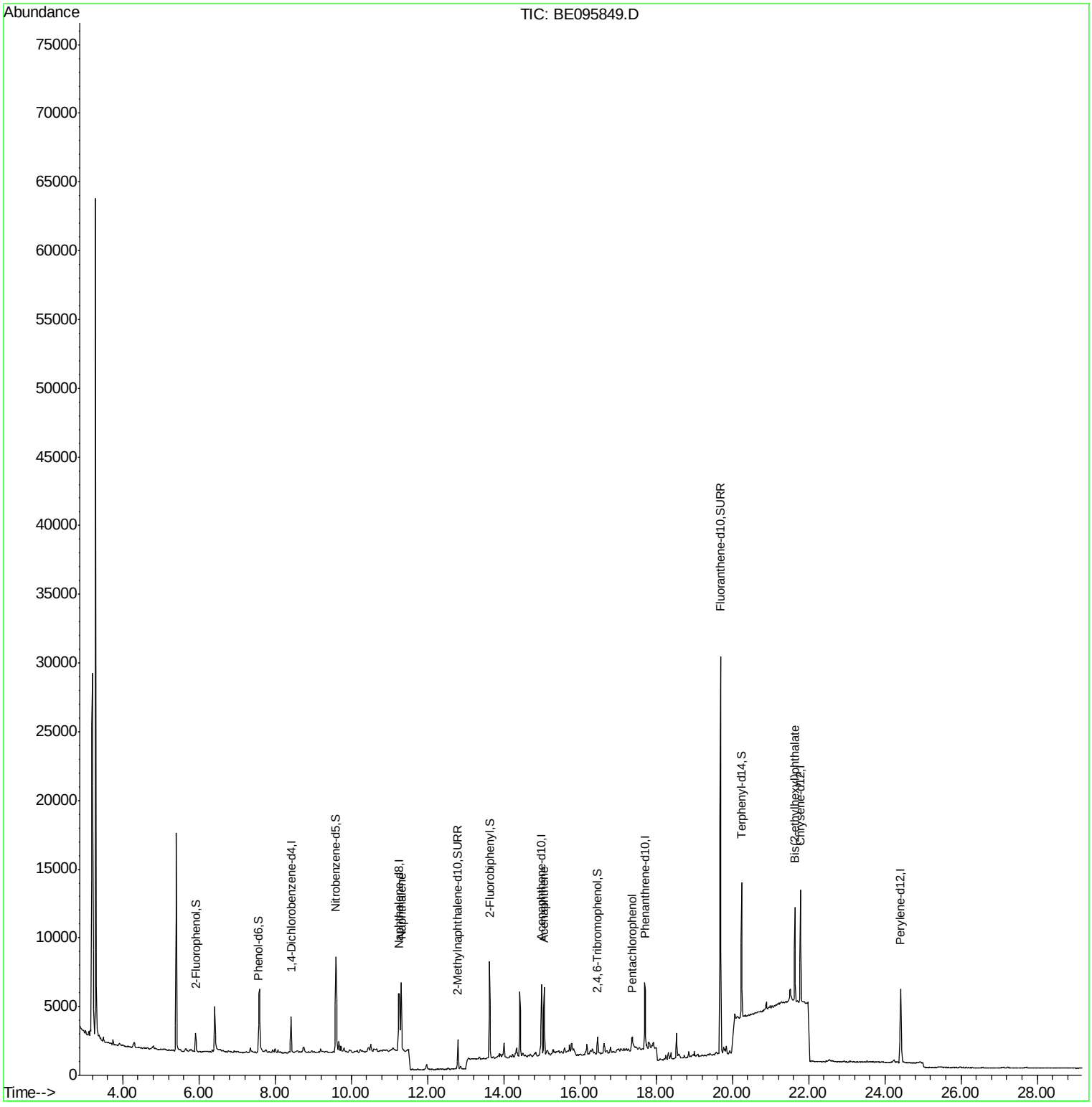
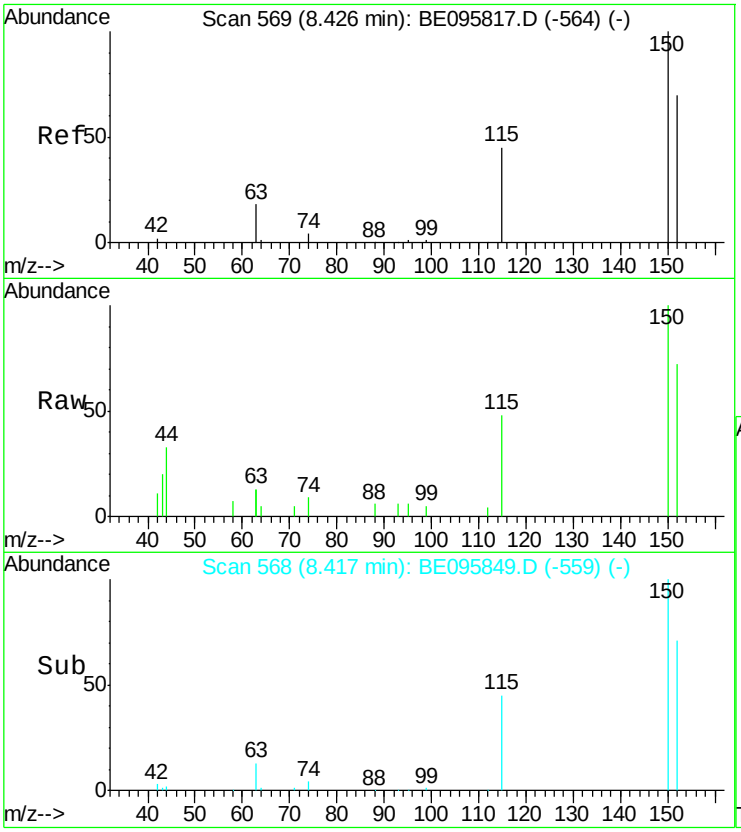


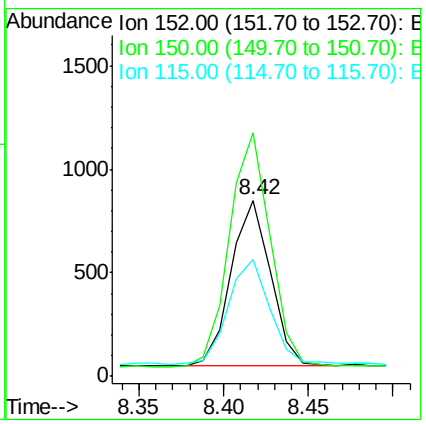


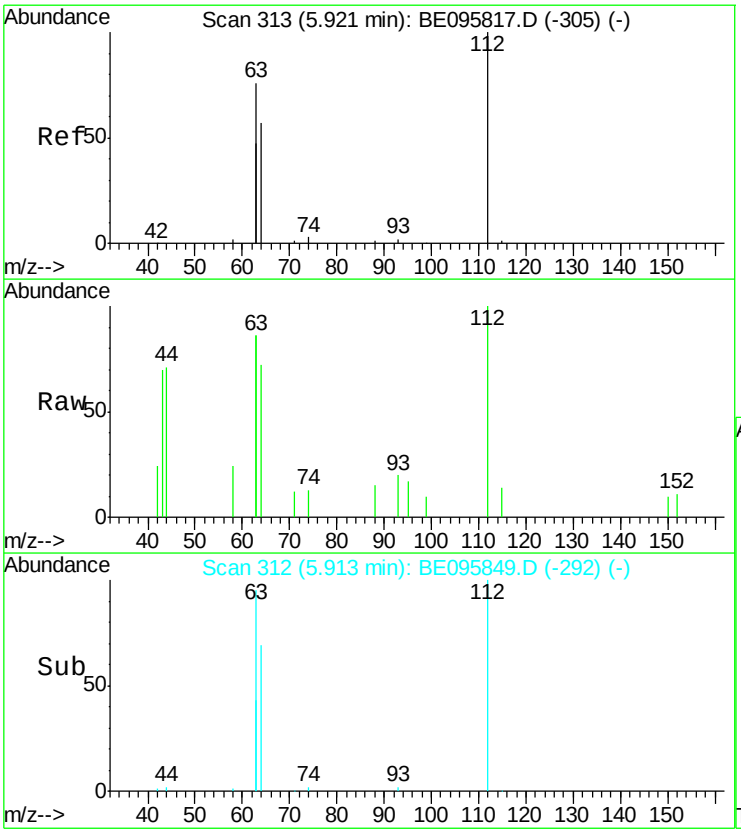
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:152 Resp: 1294

Ion	Ratio	Lower	Upper
152	100		
150	138.2	117.2	175.8
115	66.4	57.0	85.6

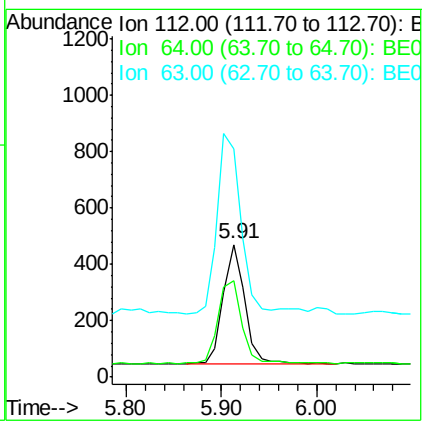


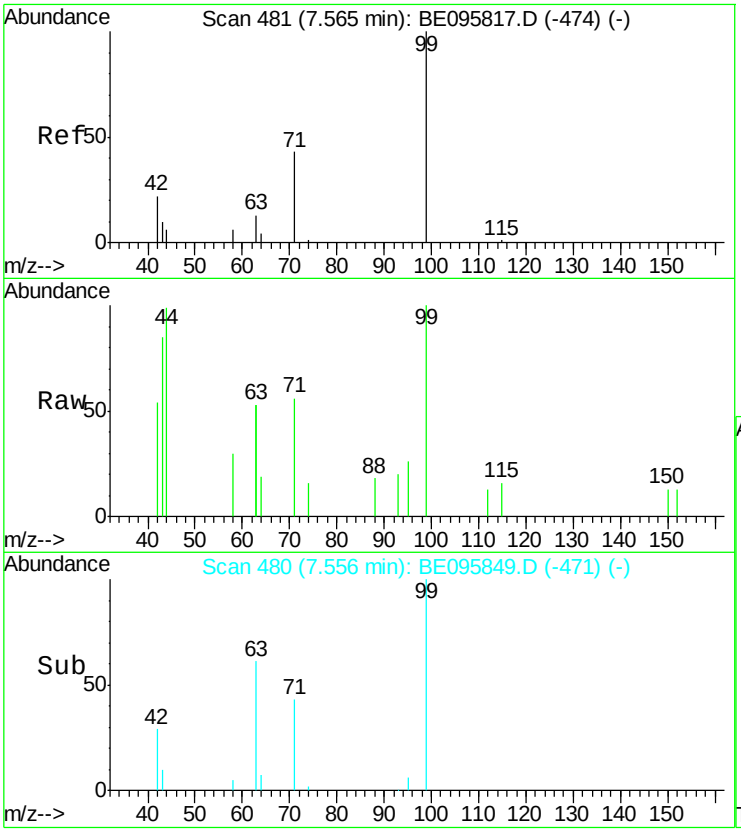


#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:112 Resp: 675

Ion	Ratio	Lower	Upper
112	100		
64	77.2	60.1	90.1
63	159.9	116.8	175.2



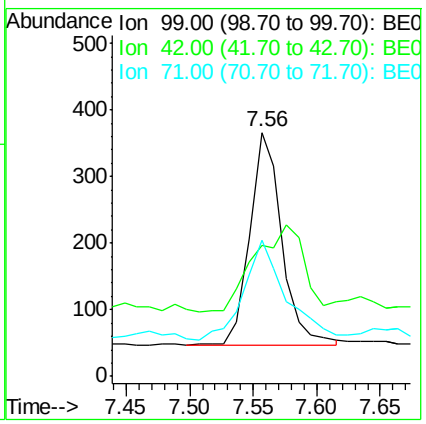


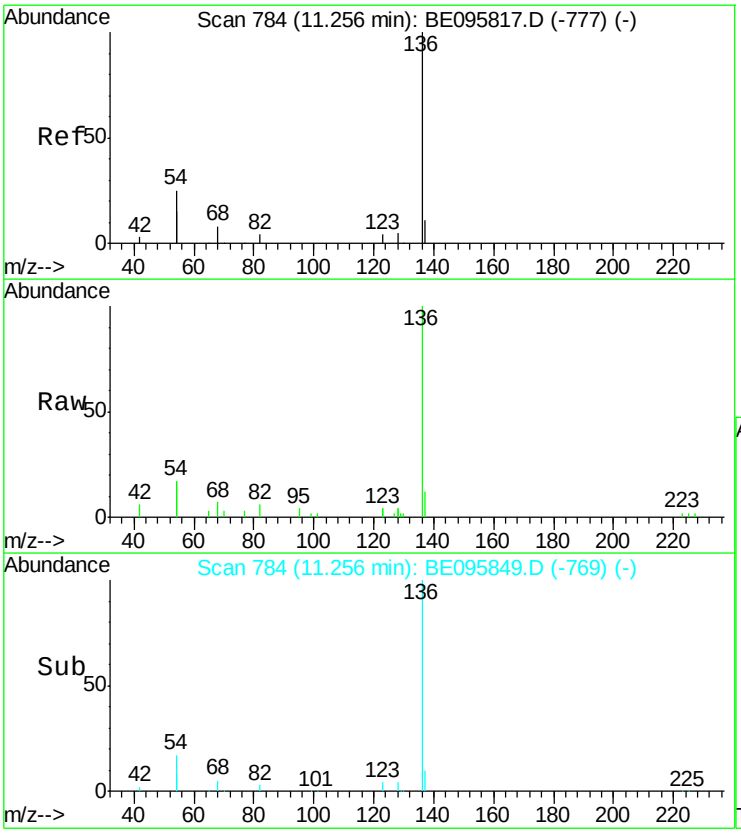
#5
Phenol-d6
Concen: 0.097 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion: 99 Resp: 568

Ion	Ratio	Lower	Upper
99	100		
42	61.4	20.2	30.2#
71	60.2	28.4	42.6#

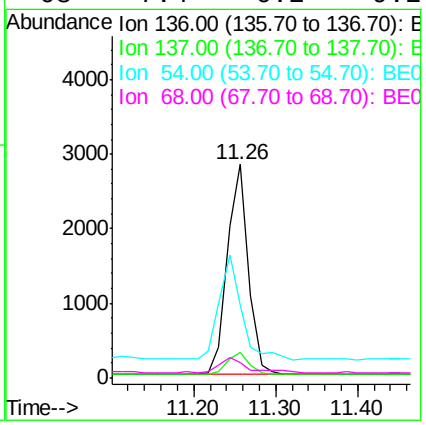


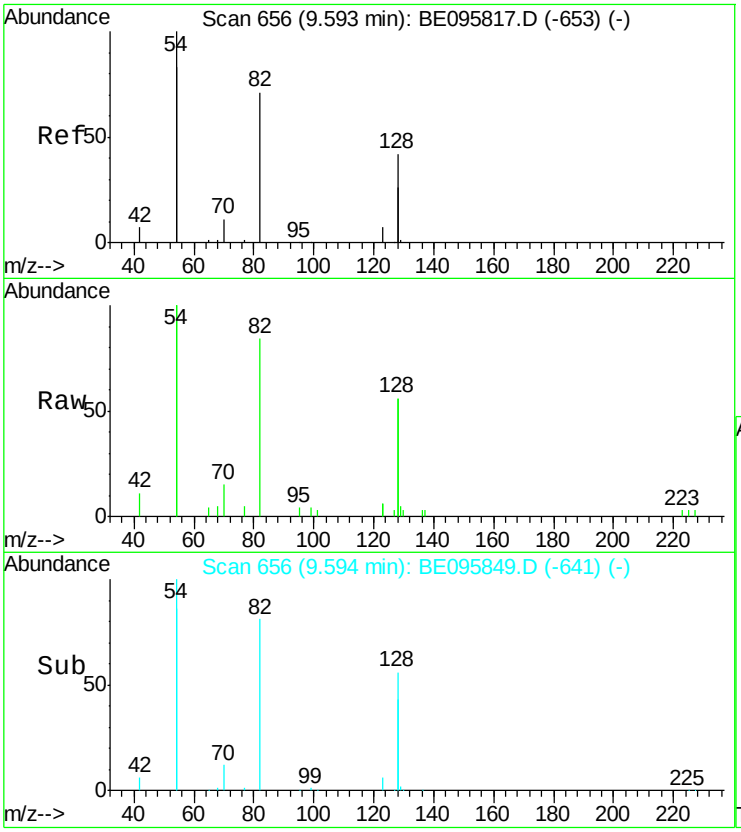


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:136 Resp: 5001

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.5	14.3
54	34.0	29.1	43.7
68	7.4	6.2	9.2



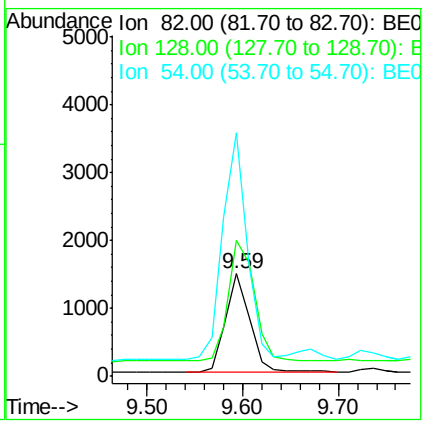


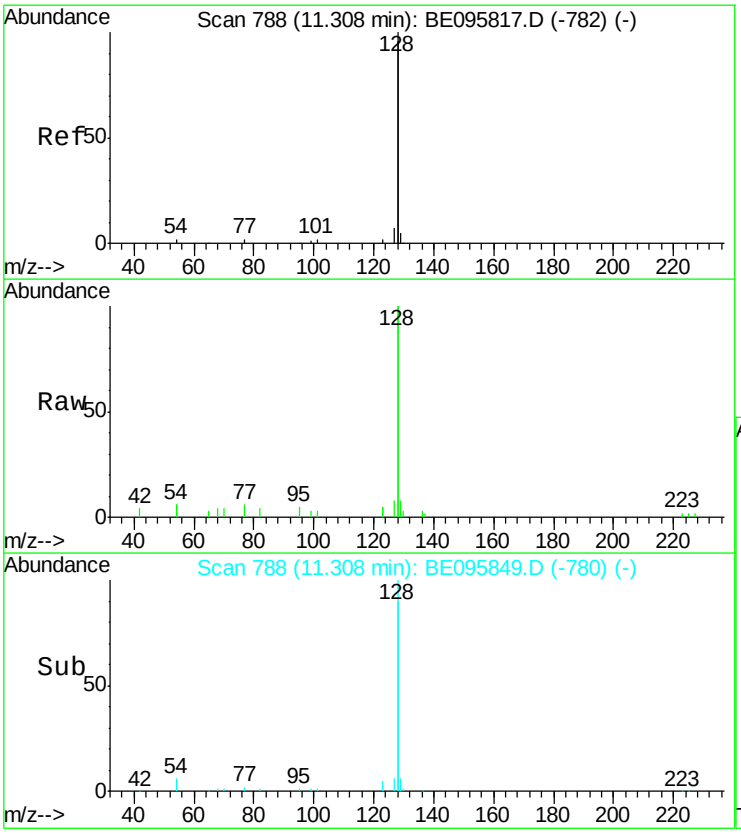
#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion: 82 Resp: 2530

Ion	Ratio	Lower	Upper
82	100		
128	133.2	150.0	225.0#
54	237.9	154.2	231.4#

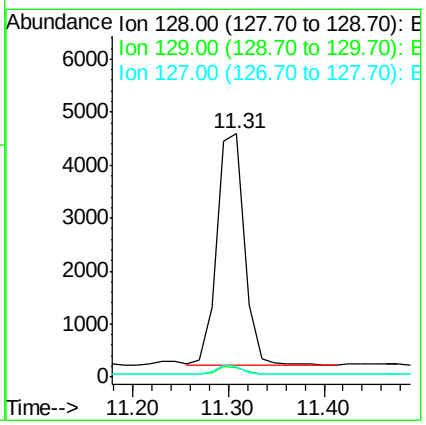


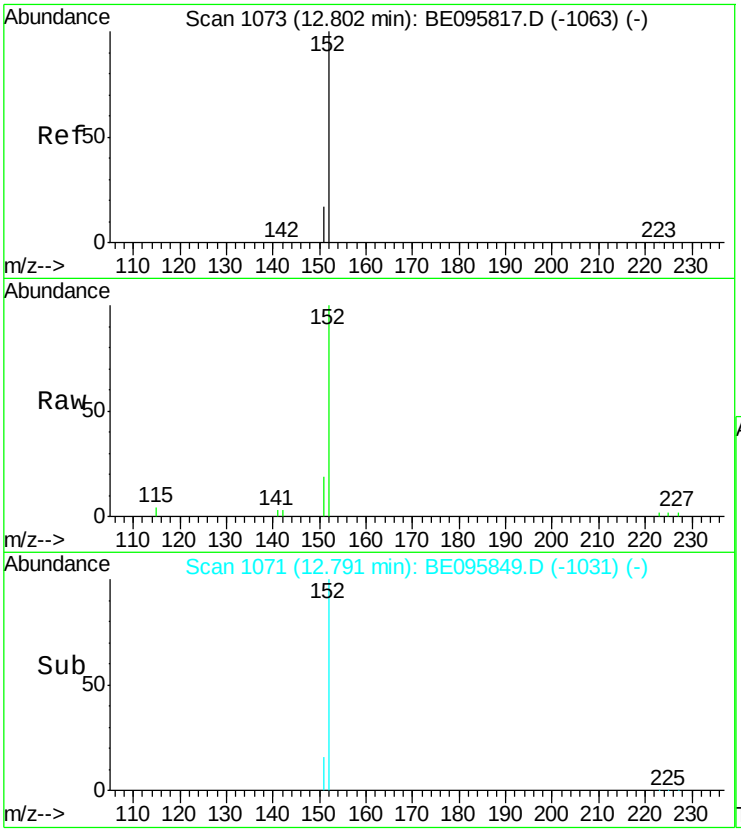


#9
Naphthalene
Concen: 0.153 ng
RT: 11.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:128 Resp: 8748

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



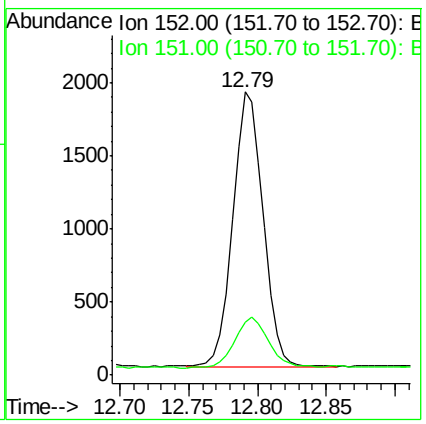


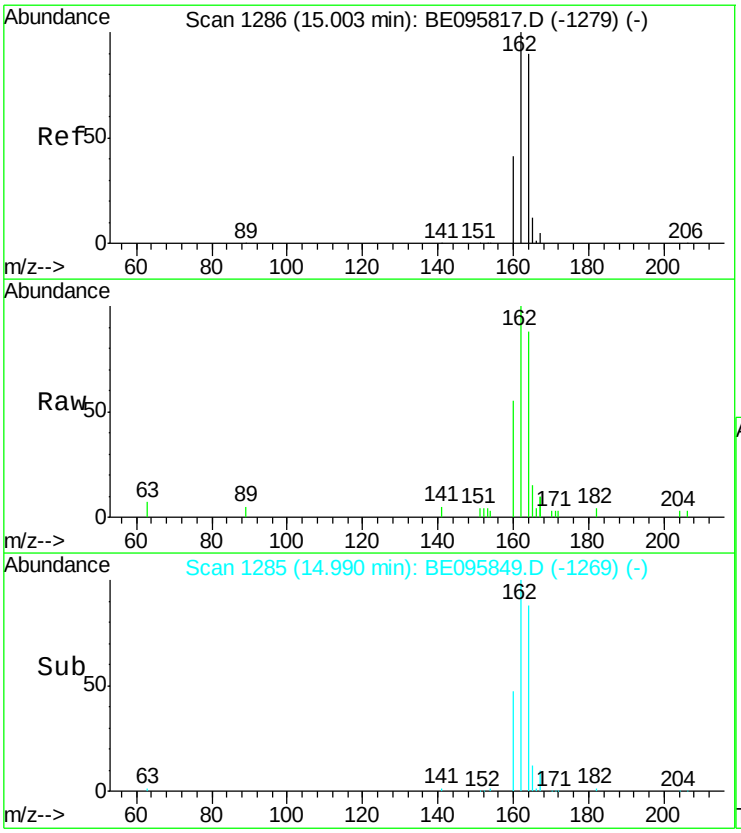
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:152 Resp: 2900

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.4	23.0

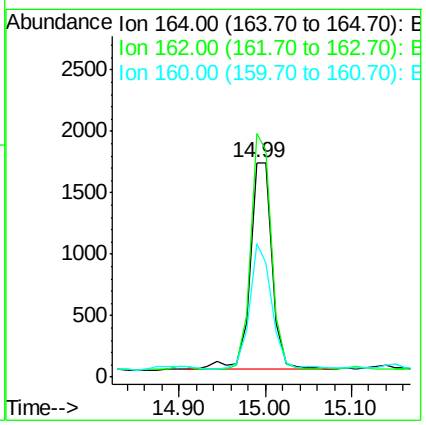


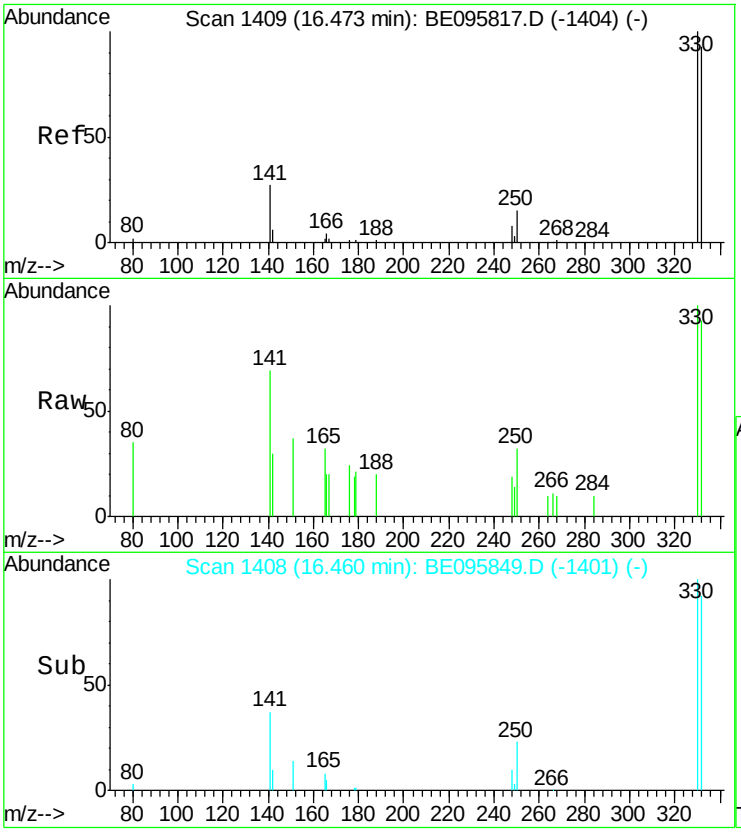


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:164 Resp: 3027

Ion	Ratio	Lower	Upper
164	100		
162	113.5	83.1	124.7
160	62.0	37.1	55.7#



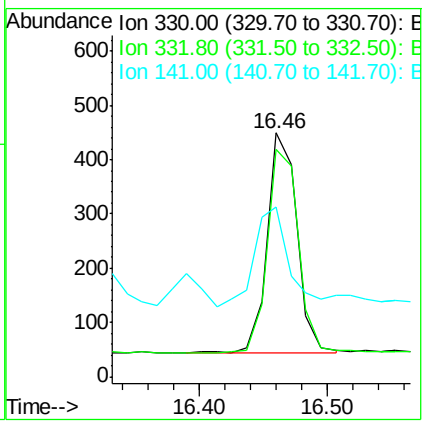


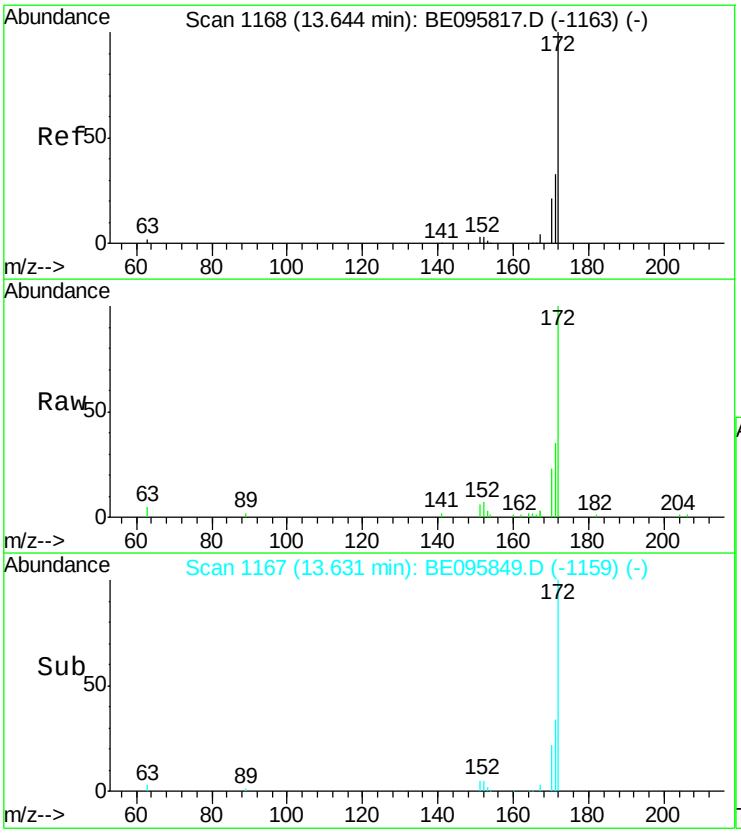
#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:330 Resp: 655

Ion	Ratio	Lower	Upper
330	100		
332	97.1	152.7	229.1#
141	52.7	33.7	50.5#

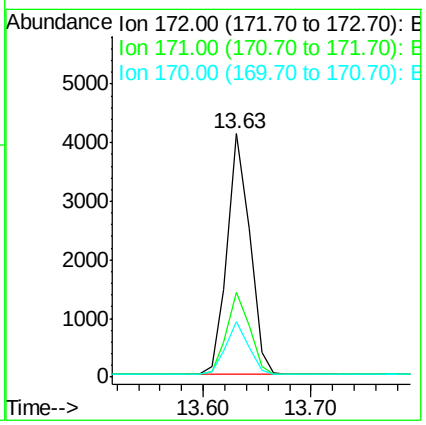


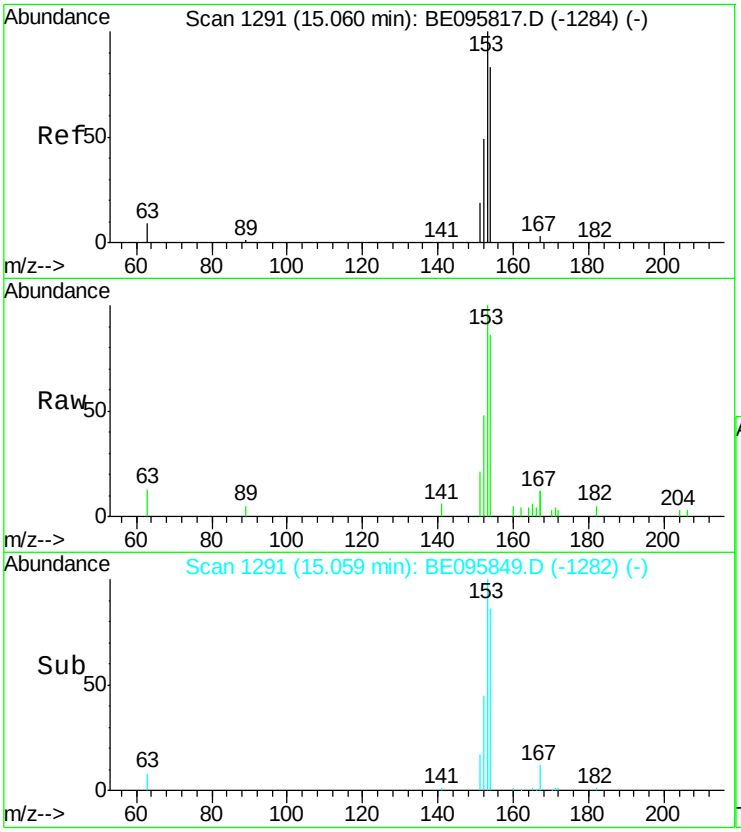


#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:172 Resp: 5950

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.9	44.9
170	22.8	21.8	32.8



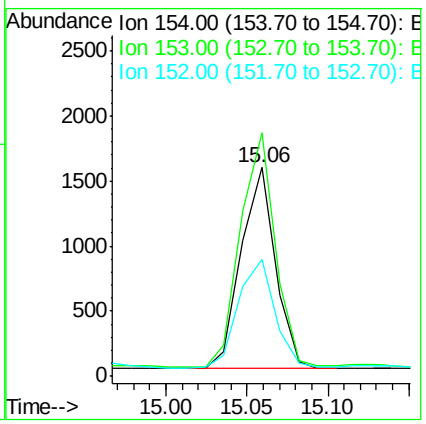


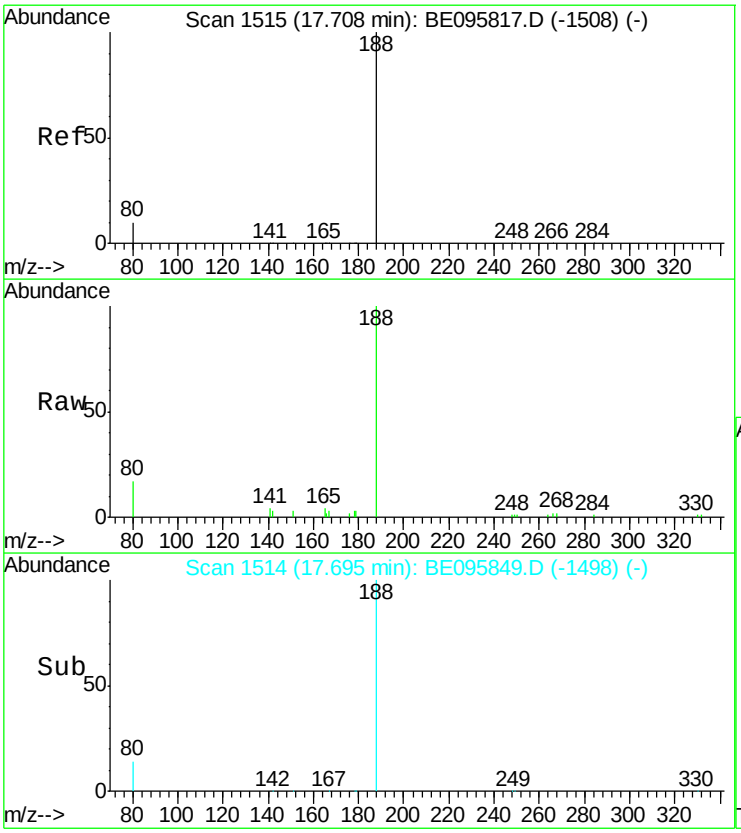
#17
Acenaphthene
Concen: 0.214 ng
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:154 Resp: 2262

Ion	Ratio	Lower	Upper
154	100		
153	119.1	89.2	133.8
152	57.3	42.0	63.0

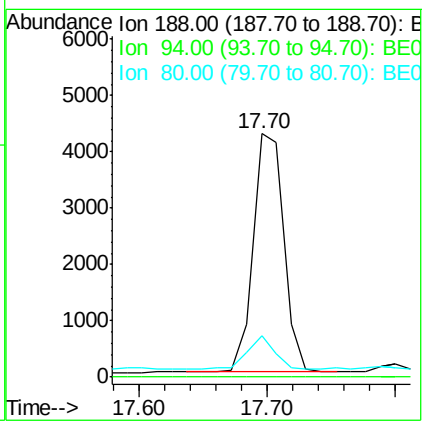


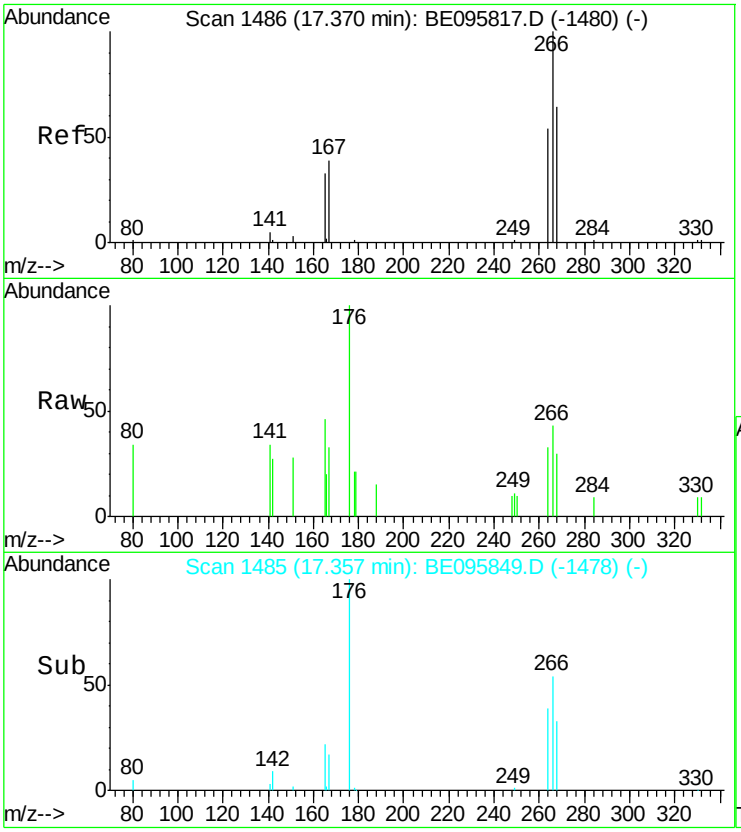


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:188 Resp: 7045

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.1	3.6	5.4#



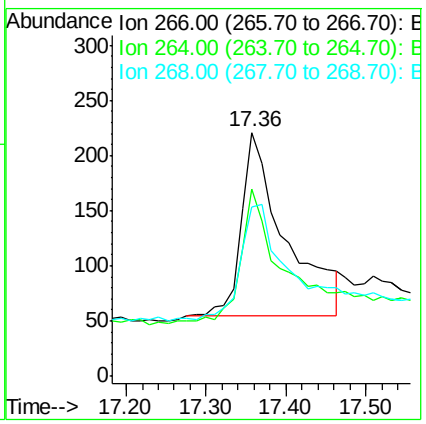


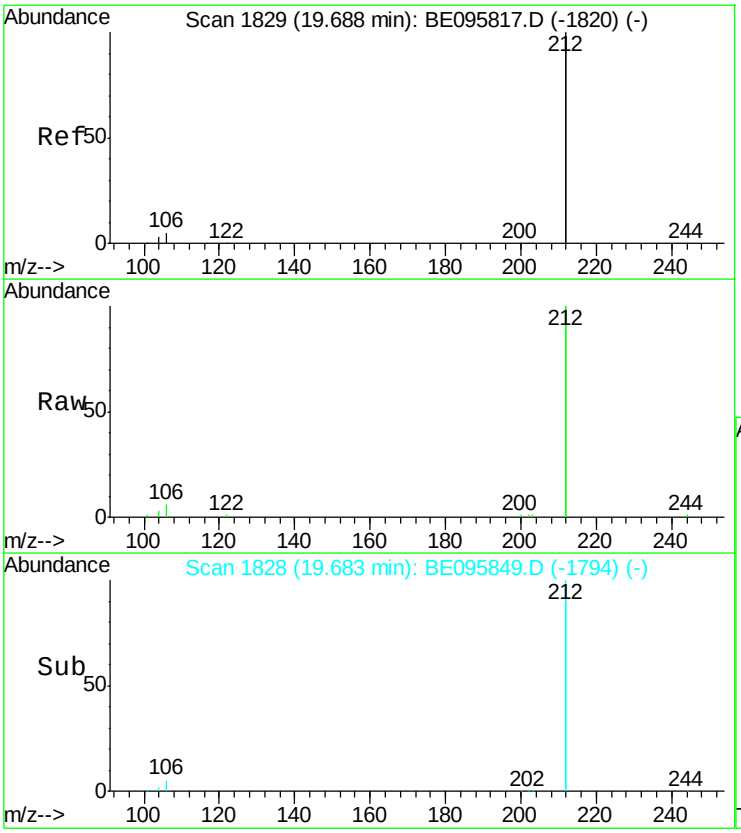
#22
Pentachlorophenol
Concen: 0.523 ng
RT: 17.36 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:266 Resp: 627

Ion	Ratio	Lower	Upper
266	100		
264	76.9	72.5	108.7
268	69.2	73.8	110.6#

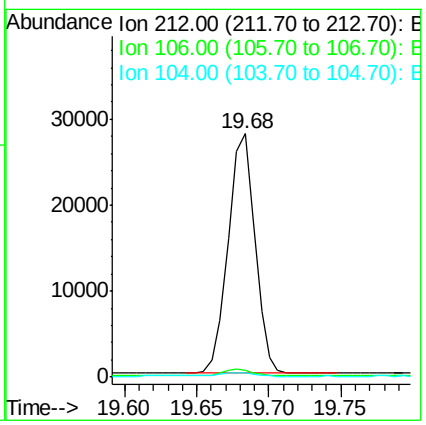


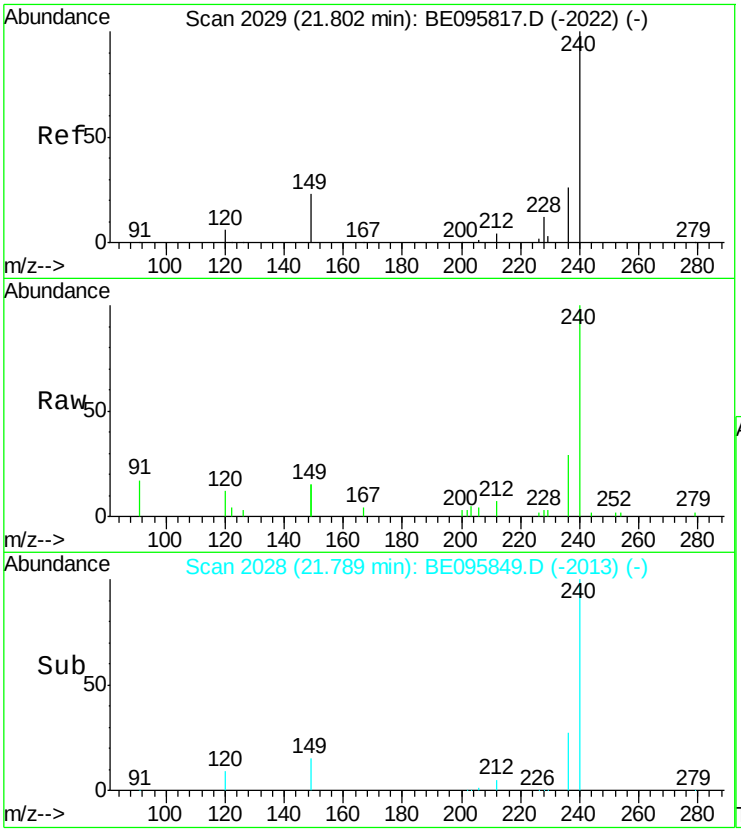


#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:212 Resp: 36324

Ion	Ratio	Lower	Upper
212	100		
106	2.9	2.8	4.2
104	1.8	1.6	2.4



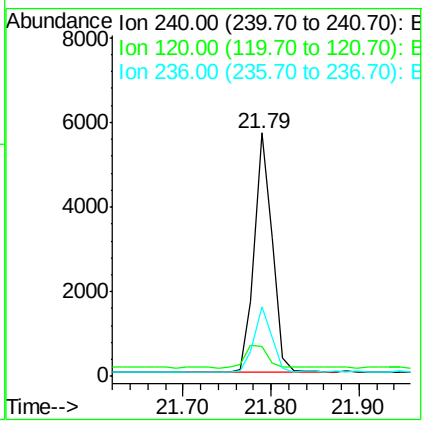


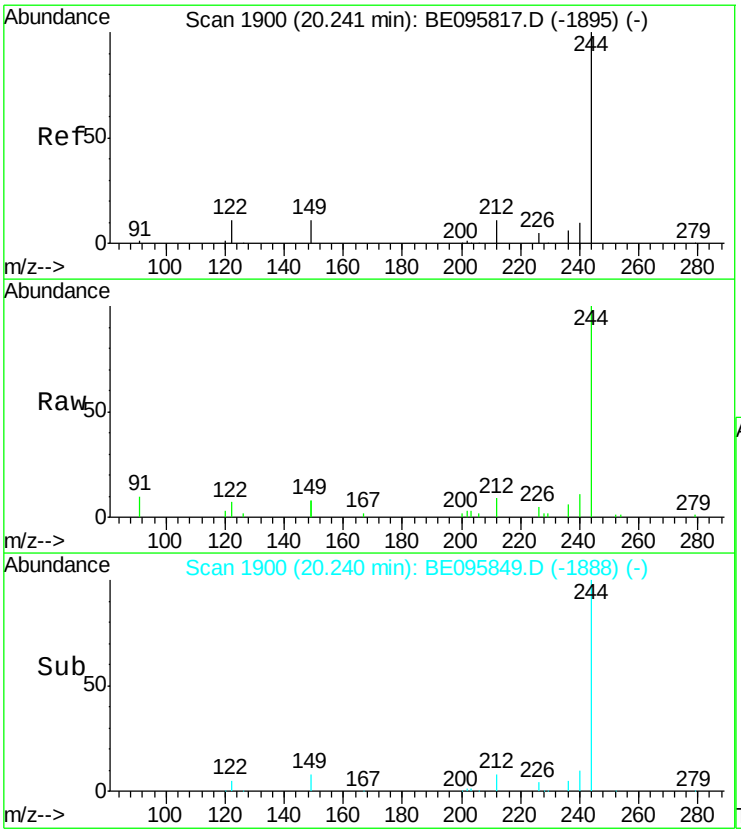
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:240 Resp: 8051

Ion	Ratio	Lower	Upper
240	100		
120	12.0	5.5	8.3#
236	28.7	20.7	31.1

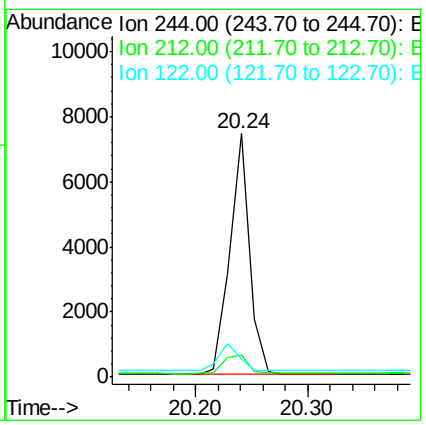


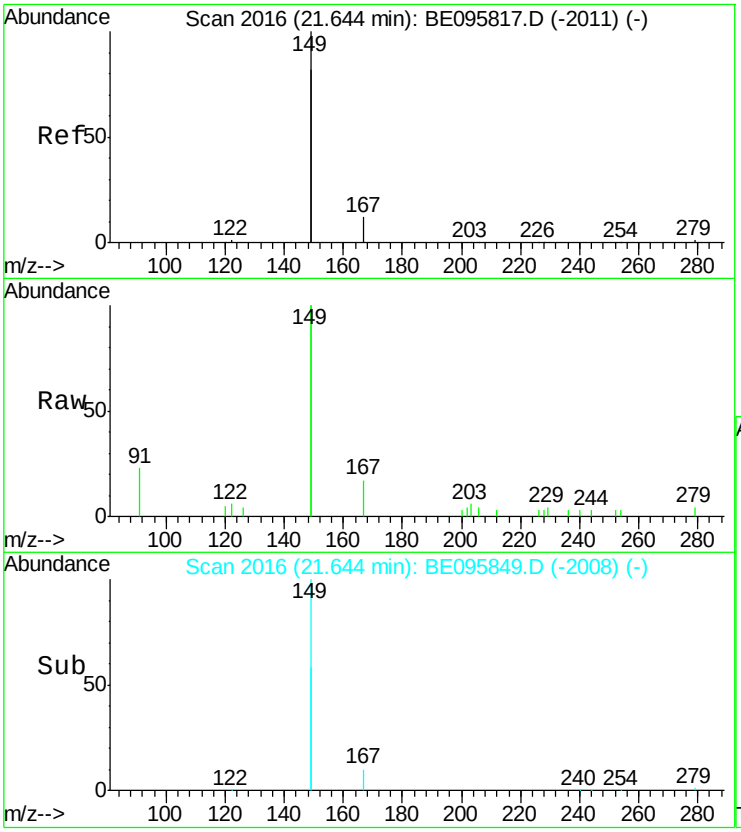


#29
Terphenyl-d14
Concen: 0.531 ng
RT: 20.24 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:244 Resp: 9073

Ion	Ratio	Lower	Upper
244	100		
212	9.0	25.4	38.0#
122	7.4	8.1	12.1#



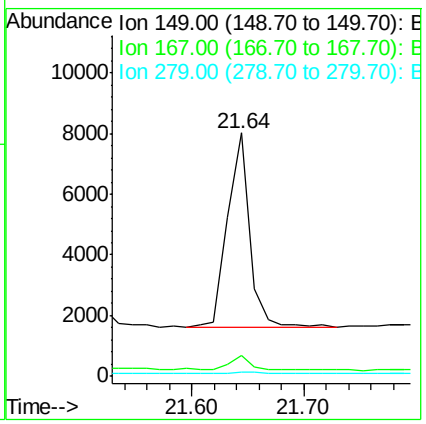


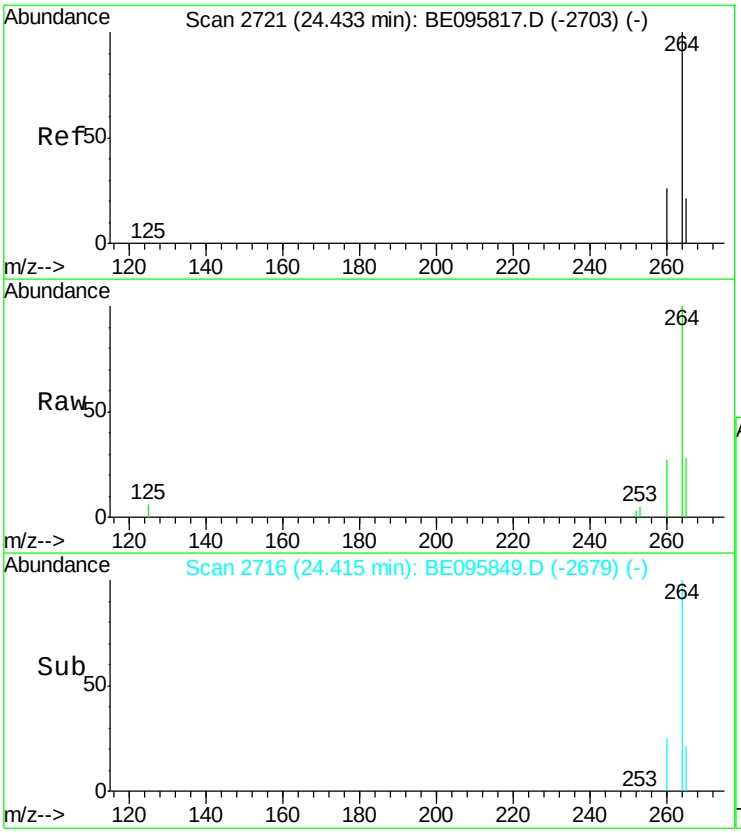
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.64 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Instrument :
BNA_E
ClientSampleId :
GW-1

Tgt Ion:149 Resp: 8724

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	1.4	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.41 min Scan# 2716
Delta R.T. -0.02 min
Lab File: BE095849.D
Acq: 26 Mar 2018 21:36

Tgt Ion:264 Resp: 7894

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	27.9	22.8	34.2