Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095842.D
Acq On : 26 Mar 2018 16:11
Operator : SJ/JU
Sample : J1985-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:41:24 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	1173	0.40 ng	0.00
7) Naphthalene-d8	11.26	136	4459	0.40 ng	0.00
13) Acenaphthene-d10	15.00	164	2602	0.40 ng	0.00
19) Phenanthrene-d10	17.71	188	6182	0.40 ng	0.00
27) Chrysene-d12	21.79	240	7573	0.40 ng	-0.01
34) Perylene-d12	24.42	264	7494	0.40 ng	-0.02
System Monitoring Compounds					
4) 2-Fluorophenol	5.91	112	617	0.16 ng	0.00
5) Phenol-d6	7.56	99	495	0.09 ng	0.00
8) Nitrobenzene-d5	9.59	82	2537	0.48 ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2802	0.38 ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	573	0.38 ng	0.00
15) 2-Fluorobiphenyl	13.63	172	5446	0.50 ng	-0.01
25) Fluoranthene-d10	19.68	212	35437	0.39 ng	0.00
29) Terphenyl-d14	20.24	244	8605	0.54 ng	0.00

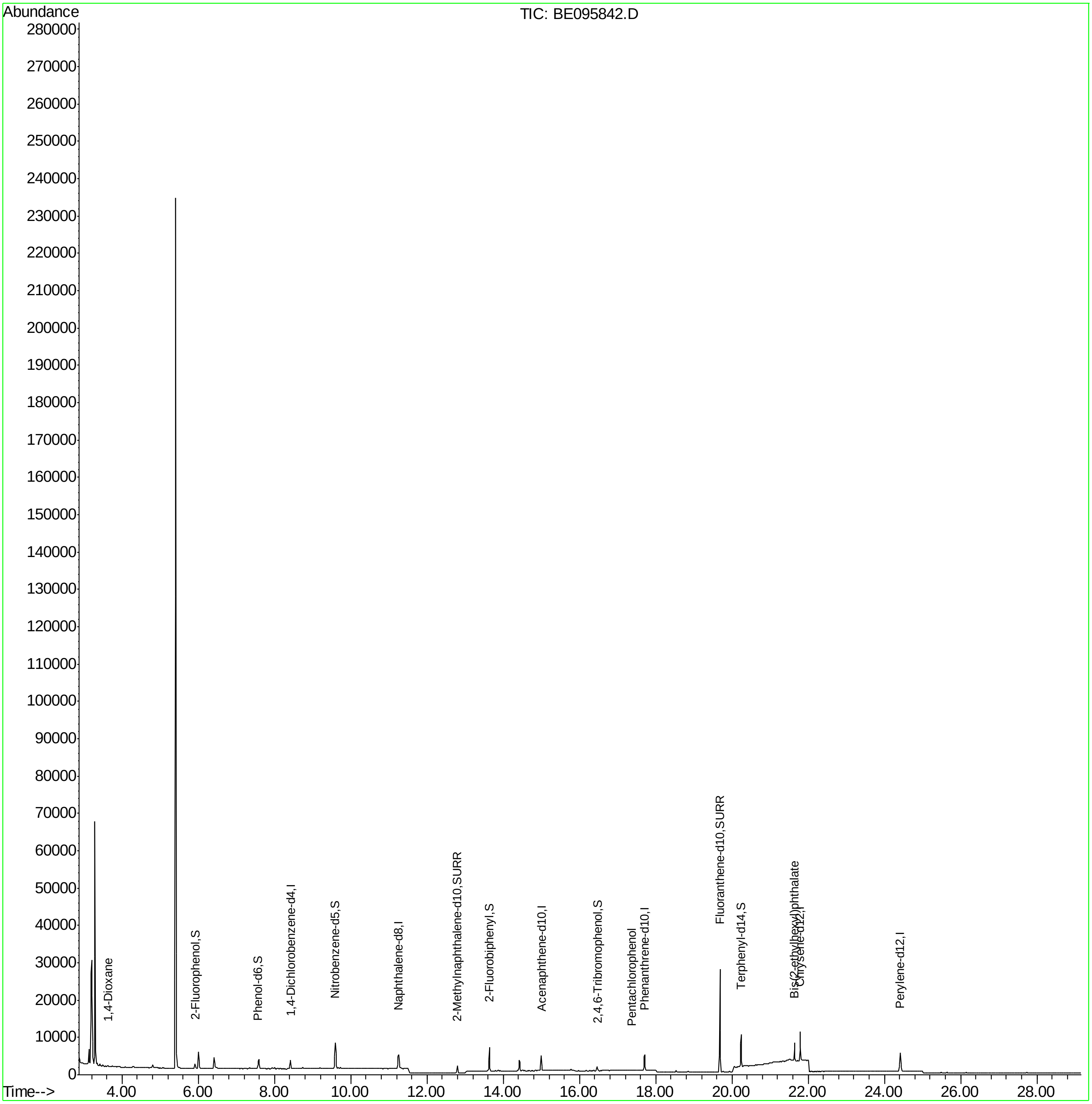
Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) 1,4-Dioxane	3.63	88	84	0.044 ng	# 17
22) Pentachlorophenol	17.37	266	13	0.140 ng	95
32) Bis(2-ethylhexyl)phthalate	21.65	149	6182	0.077 ng	100

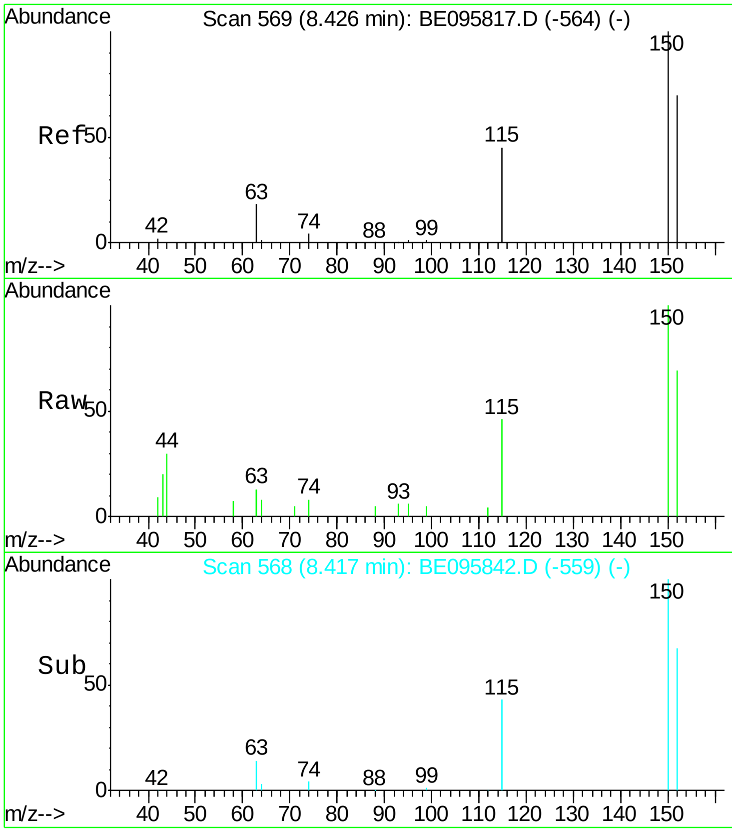
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095842.D
Acq On : 26 Mar 2018 16:11
Operator : SJ/JU
Sample : J1985-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 27 05:41:24 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



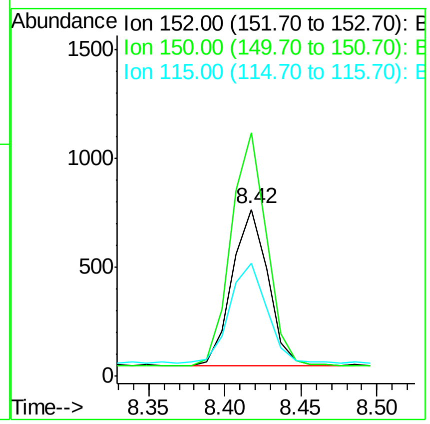


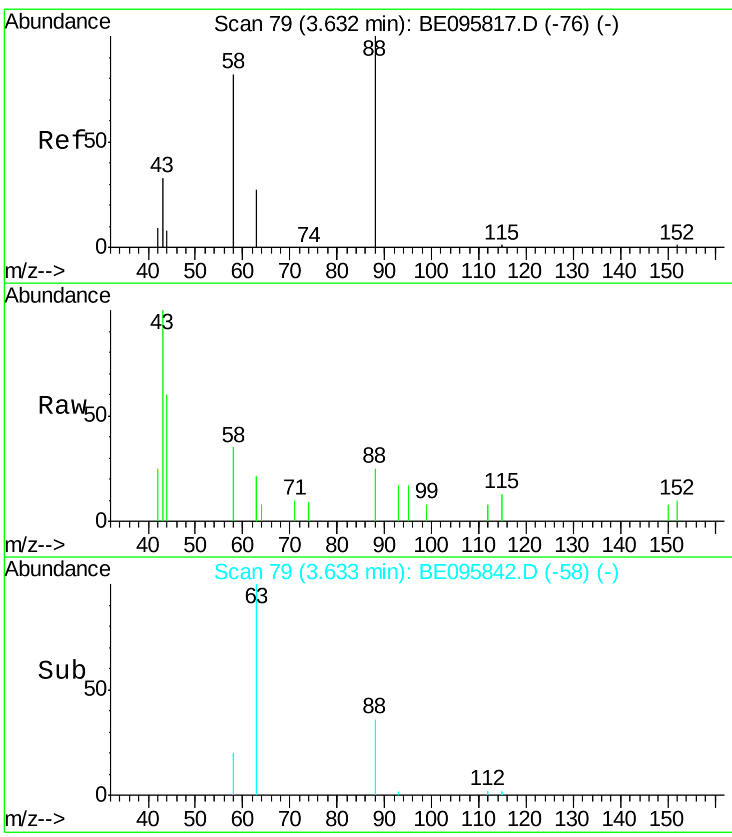
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument : BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1173

Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.2	175.8
115	67.4	57.0	85.6

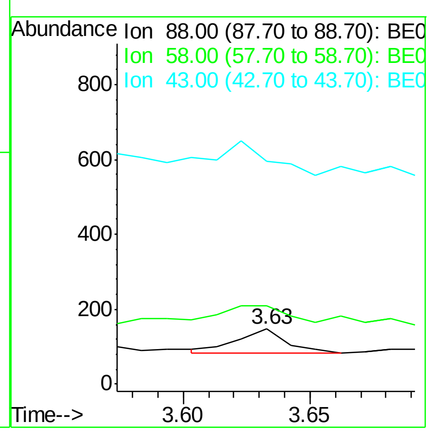


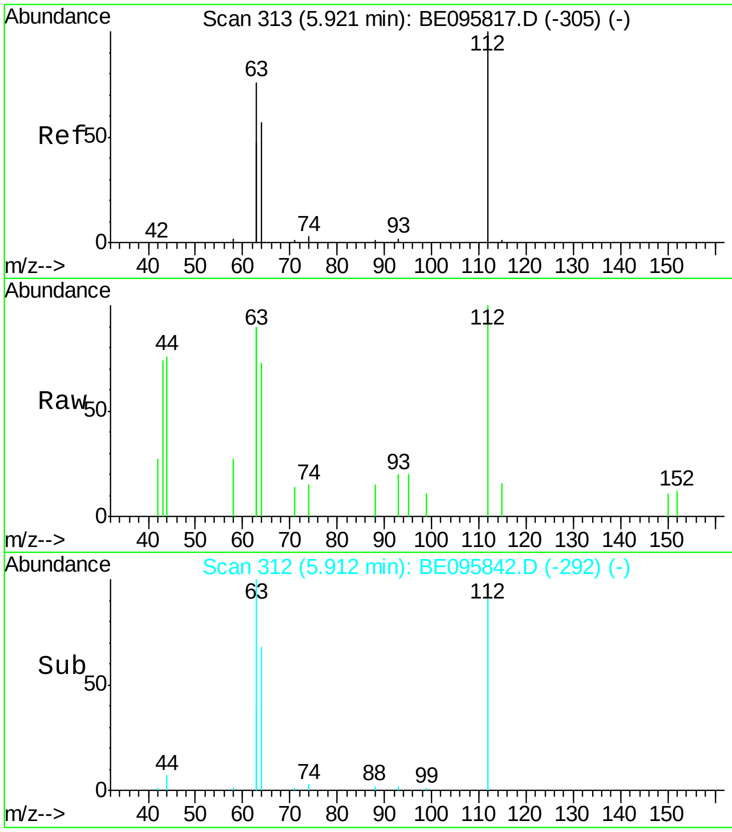


#2
1,4-Dioxane
Concen: 0.044 ng
RT: 3.63 min Scan# 79
Delta R.T. 0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion: 88 Resp: 84

Ion	Ratio	Lower	Upper
88	100		
58	97.6	63.2	94.8#
43	175.0	41.2	61.8#



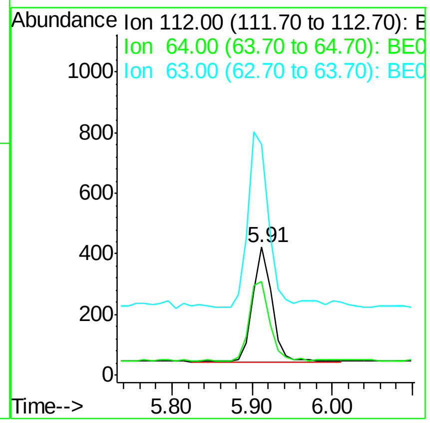


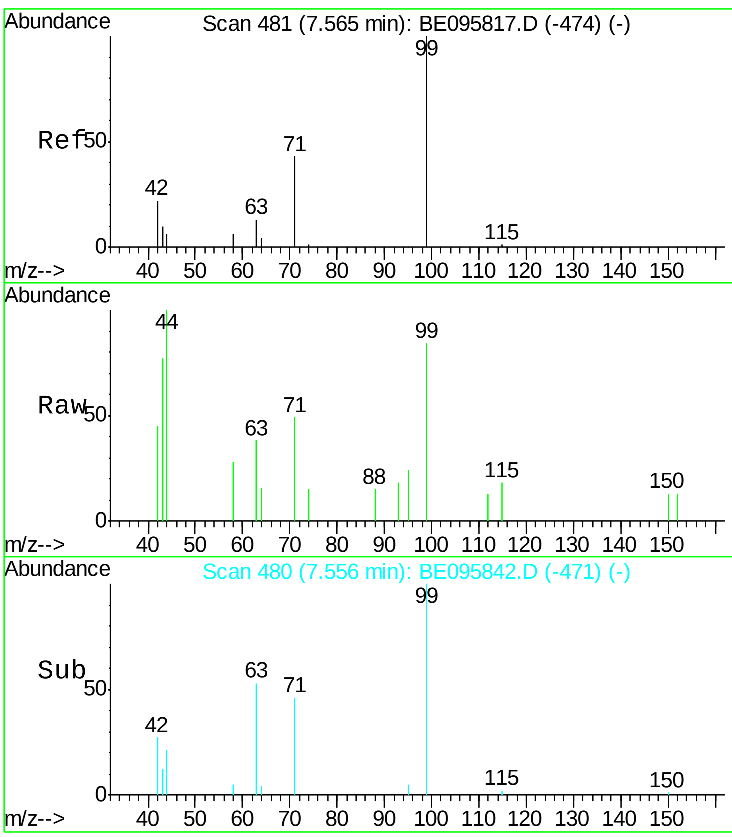
#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion:112 Resp: 617

Ion	Ratio	Lower	Upper
112	100		
64	75.7	60.1	90.1
63	164.2	116.8	175.2

Instrument :
BNA_E
ClientSampleId :

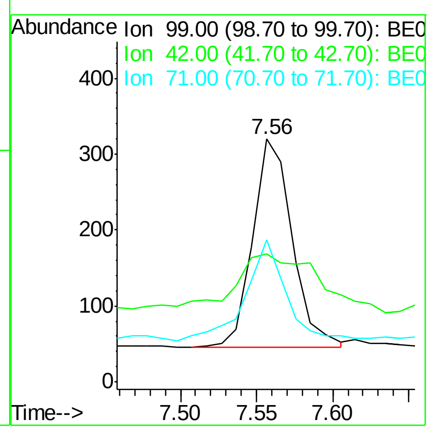


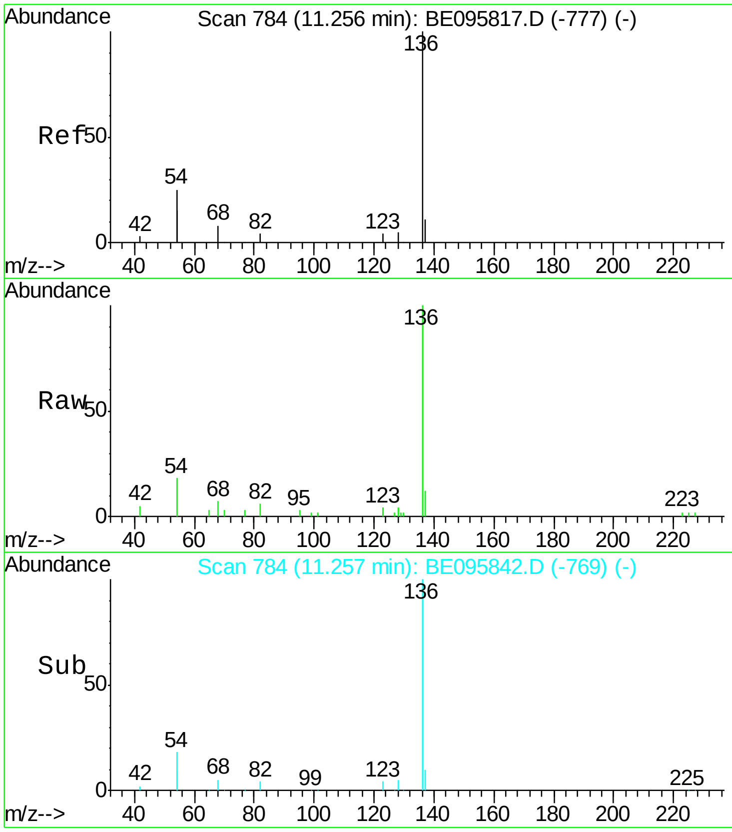


#5
Phenol-d6
Concen: 0.093 ng
RT: 7.56 min Scan# 480
Delta R.T. -0.01 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion: 99 Resp: 495

Ion	Ratio	Lower	Upper
99	100		
42	47.9	20.2	30.2#
71	49.7	28.4	42.6#



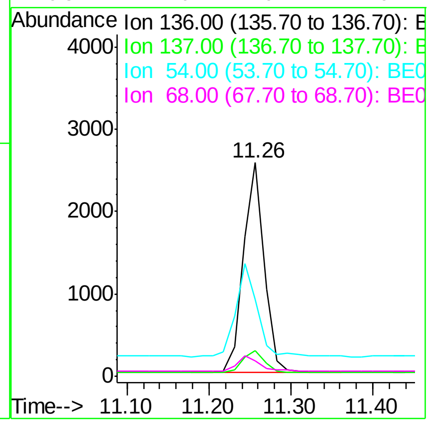


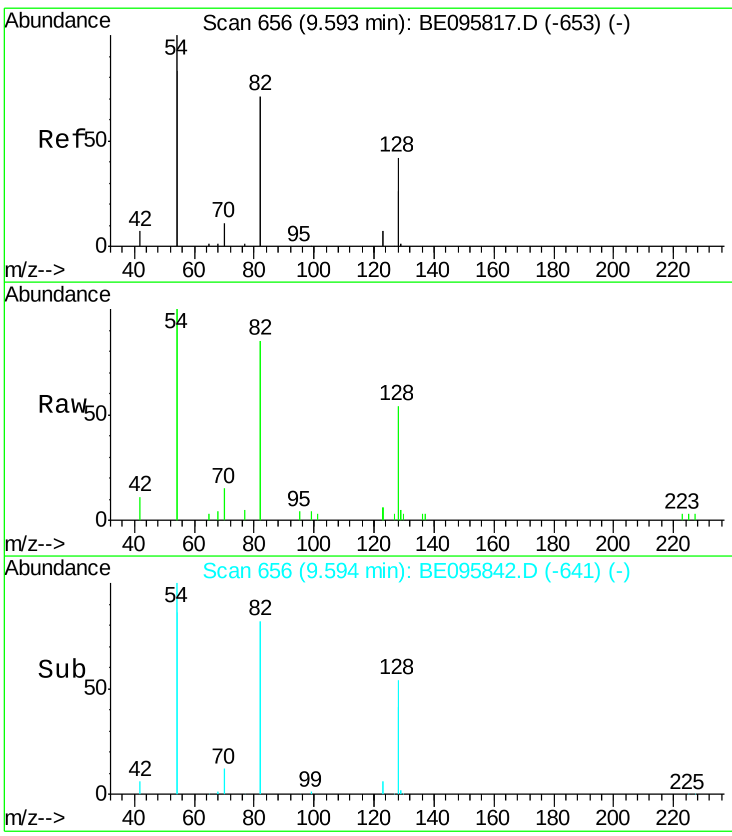
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.26 min Scan# 784
Delta R.T. 0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 4459

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	35.7	29.1	43.7
68	7.0	6.2	9.2

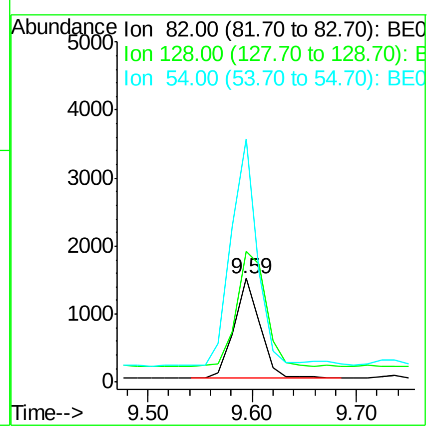


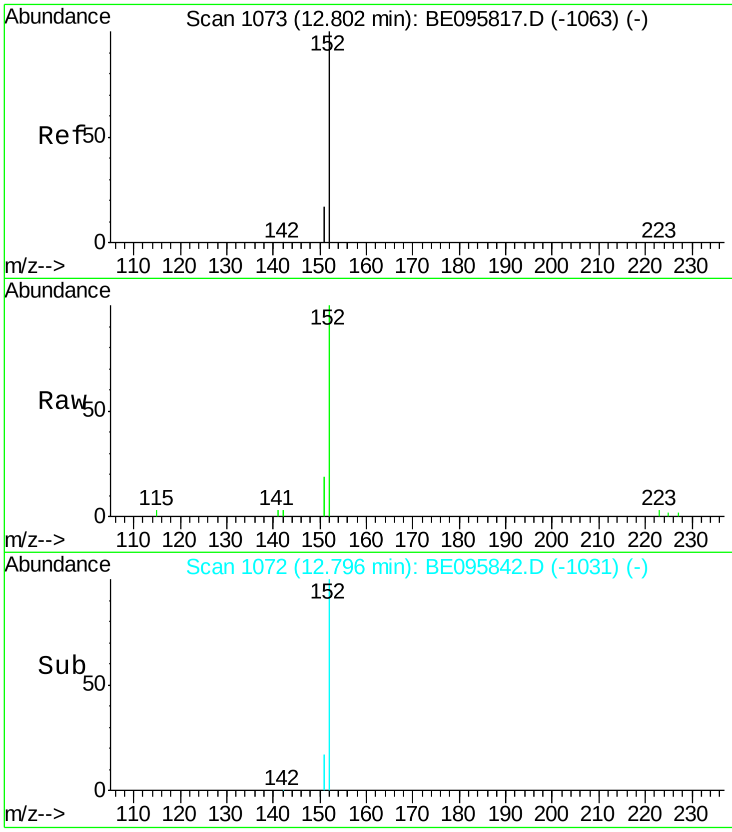


#8
Nitrobenzene-d5
Concen: 0.482 ng
RT: 9.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion: 82 Resp: 2537

Ion	Ratio	Lower	Upper
82	100		
128	125.8	150.0	225.0#
54	234.2	154.2	231.4#



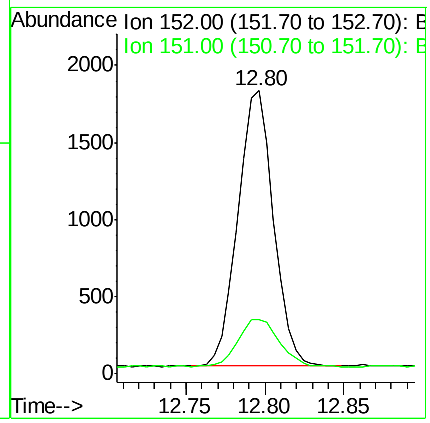


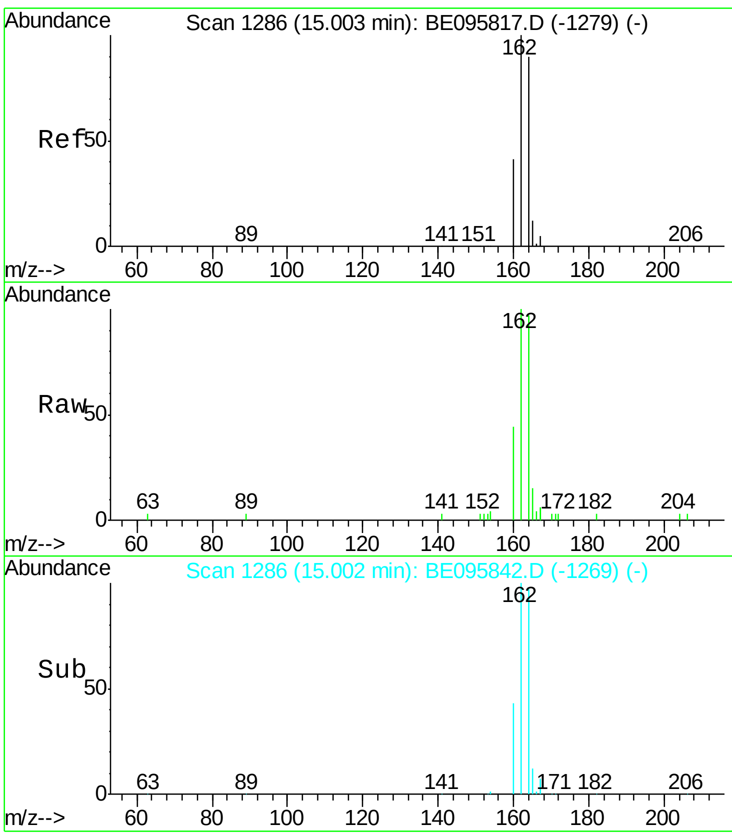
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.80 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 2802

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

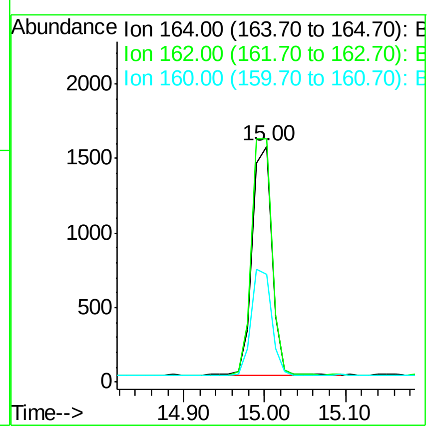


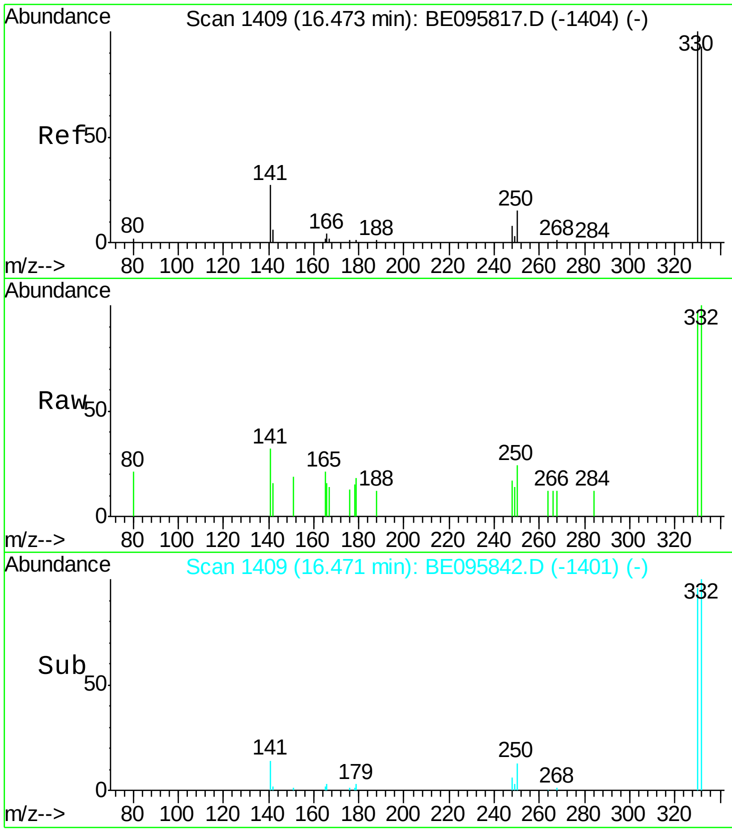


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion:164 Resp: 2602

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	45.5	37.1	55.7

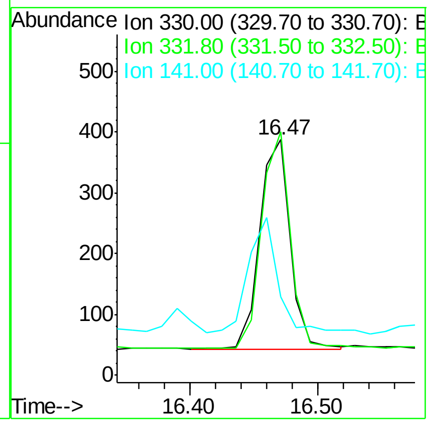


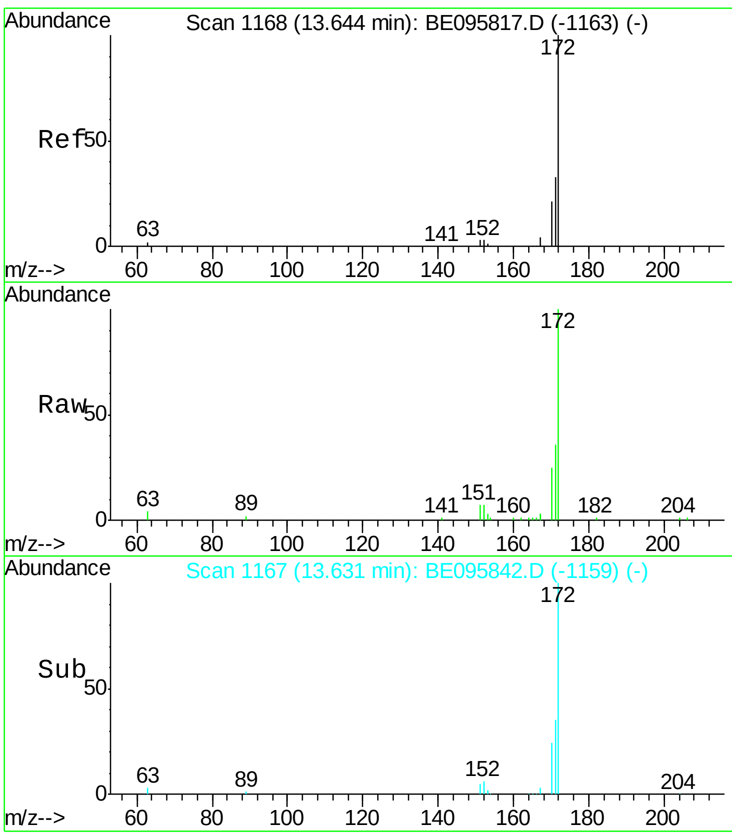



```
#14
2,4,6-Tribromophenol
Concen:    0.382 ng
RT: 16.47 min   Scan# 1409
Delta R.T.    -0.00 min
Lab File:   BE095842.D
Acq: 26 Mar 2018   16:11

Tgt Ion:330 Resp:     573
Ion  Ratio  Lower  Upper
330  100
332   98.1  152.7  229.1#
141   53.1   33.7   50.5#
```

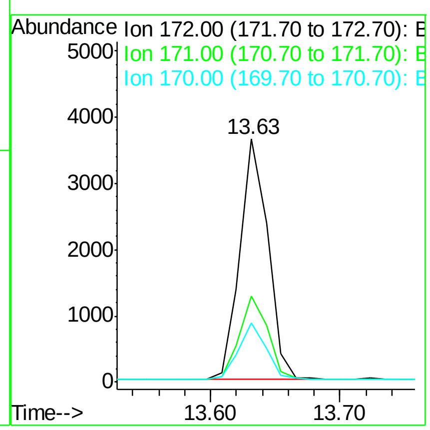
Instrument :
BNA_E
ClientSampleId :

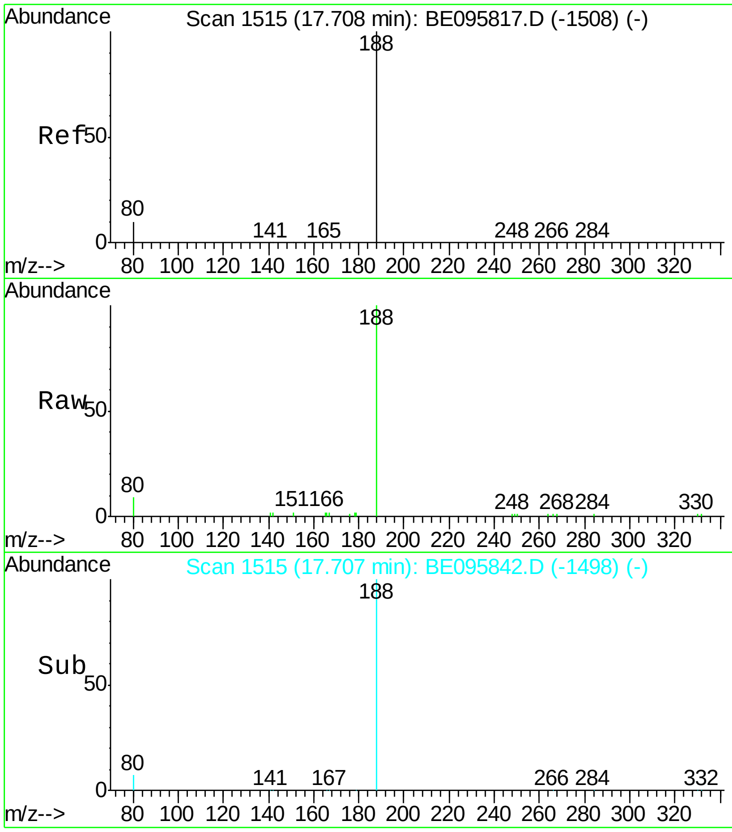





```
#15
2-Fluorobiphenyl
Concen:    0.497 ng
RT: 13.63 min   Scan# 1167
Delta R.T.    -0.01 min
Lab File:   BE095842.D
Acq: 26 Mar 2018   16:11

Tgt Ion:172 Resp:    5446
Ion  Ratio  Lower  Upper
172  100
171   35.6   29.9   44.9
170   24.6   21.8   32.8
```



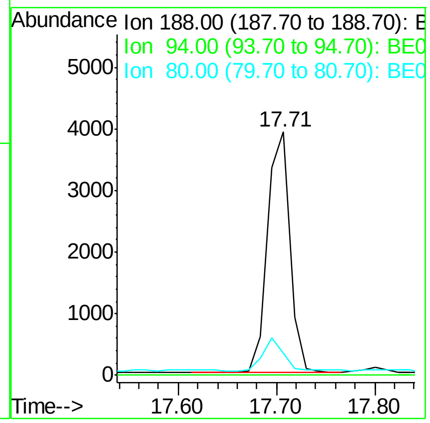


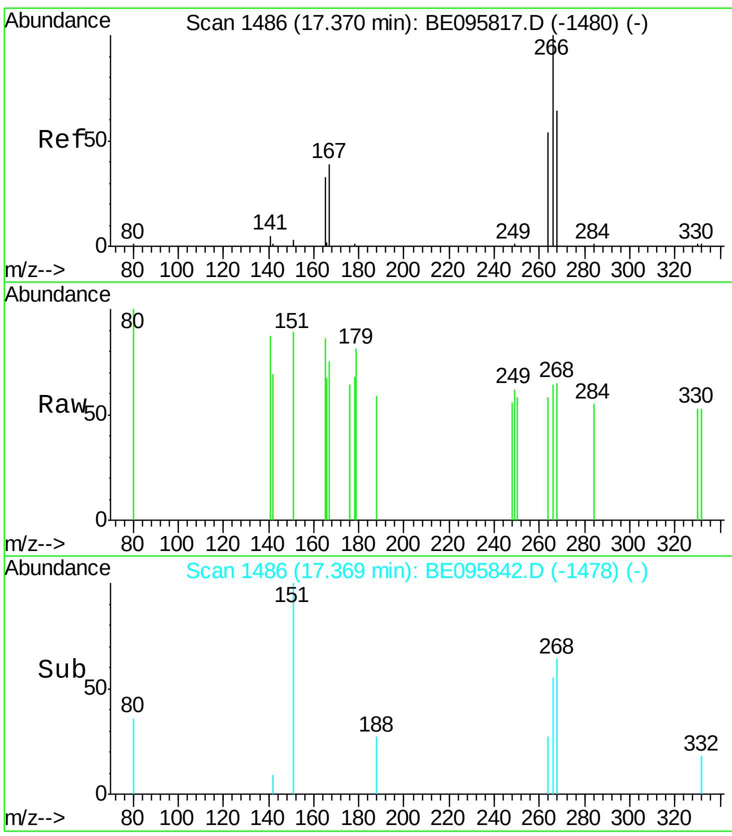
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.71 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 6182

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#

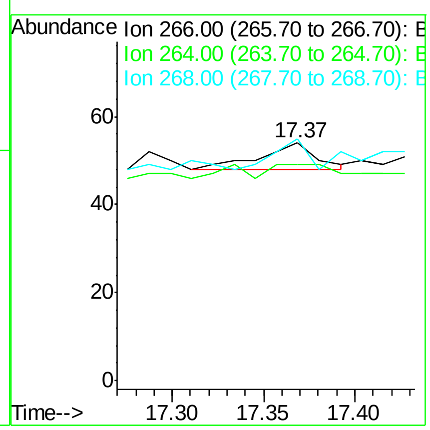


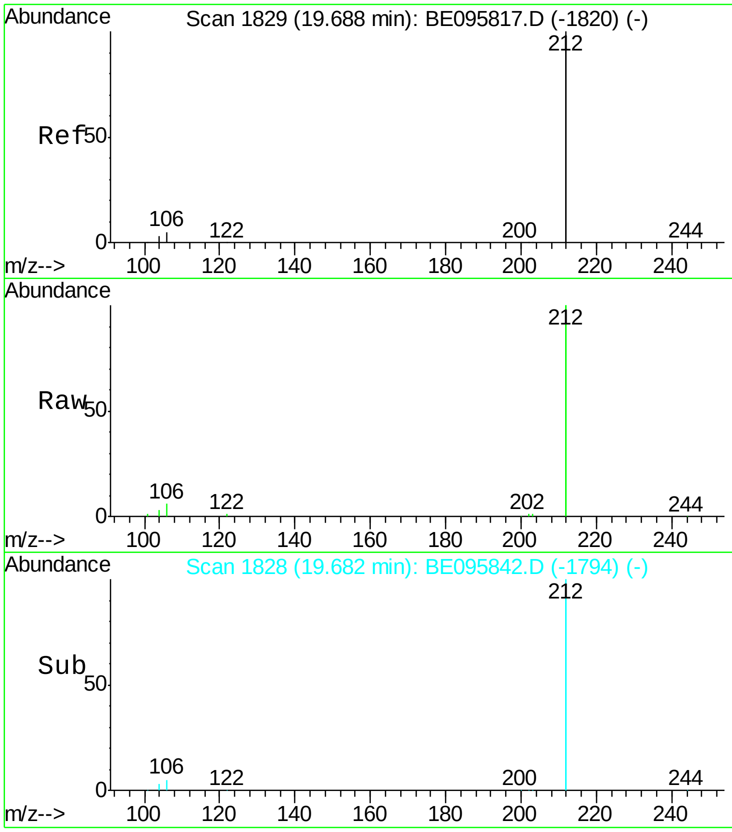


#22
Pentachlorophenol
Concen: 0.140 ng
RT: 17.37 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	90.7	72.5	108.7
268	101.9	73.8	110.6



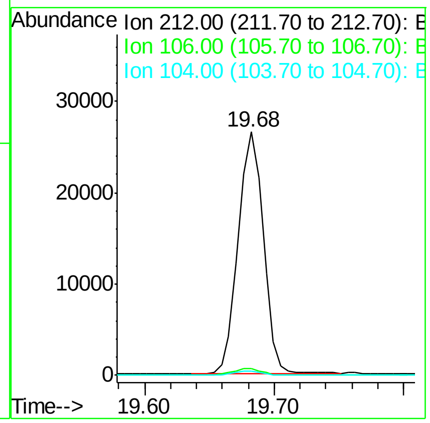


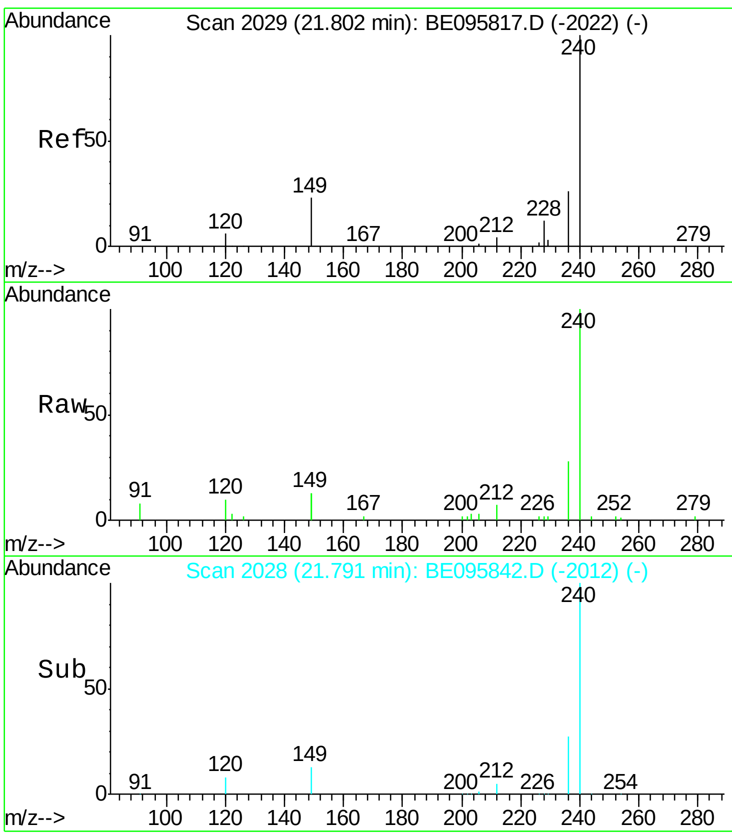
#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.68 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 35437

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

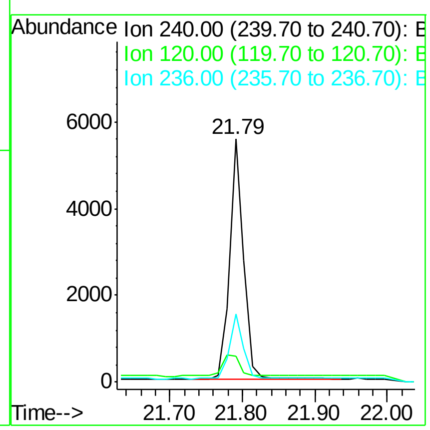


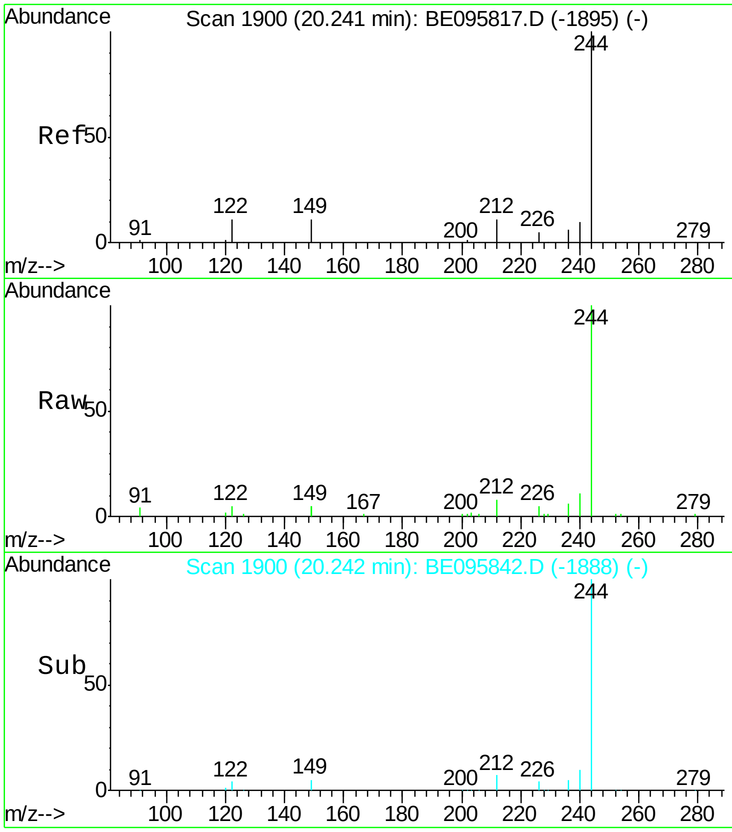


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.79 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion:240 Resp: 7573

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.5	8.3#
236	28.1	20.7	31.1



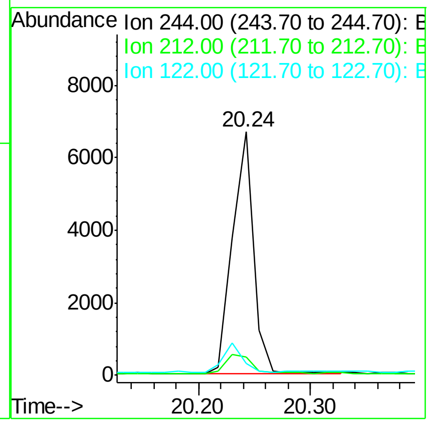


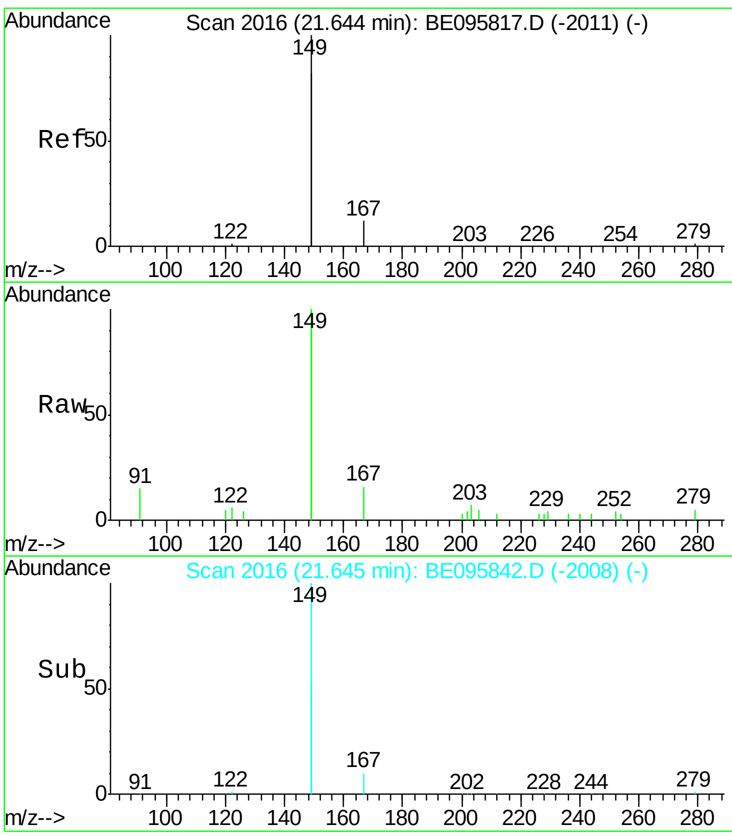
#29
Terphenyl-d14
Concen: 0.535 ng
RT: 20.24 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 8605

Ion	Ratio	Lower	Upper
244	100		
212	7.7	25.4	38.0#
122	5.0	8.1	12.1#

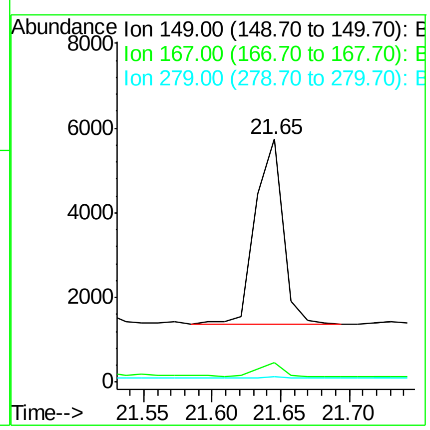


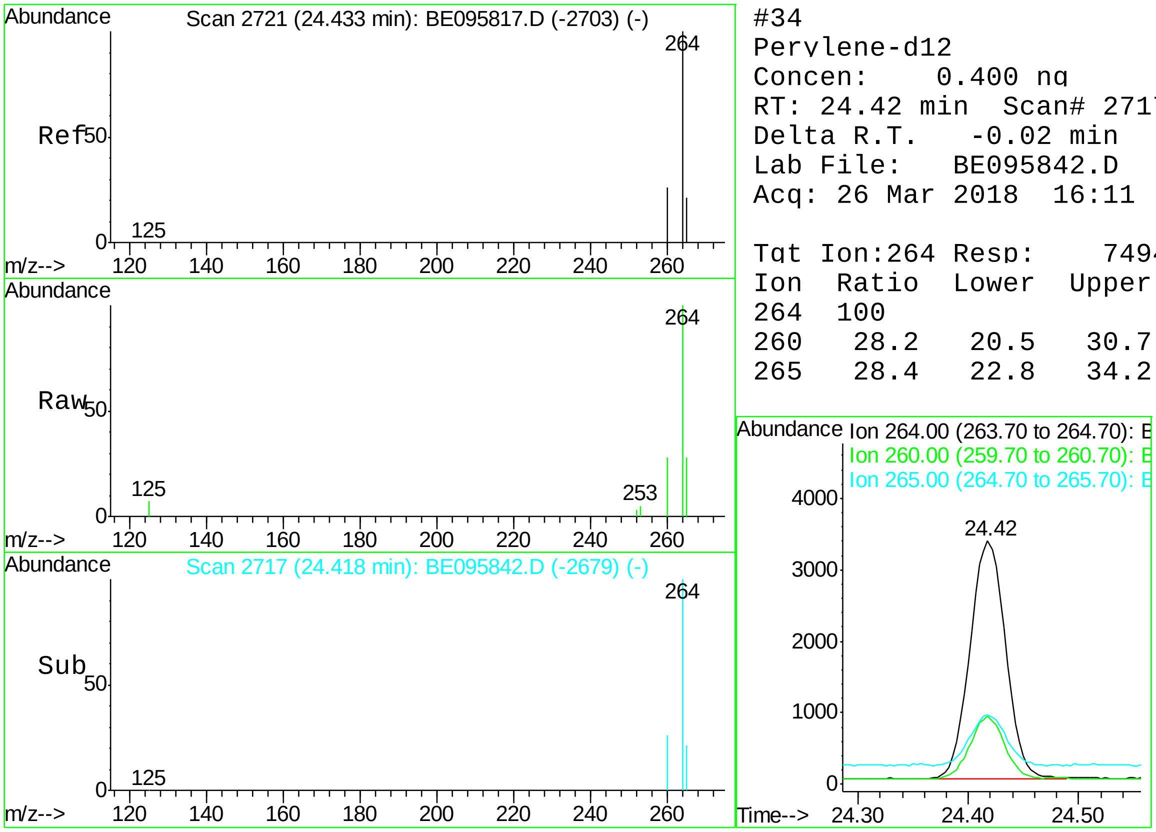


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.077 ng
RT: 21.65 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Tgt Ion:149 Resp: 6182

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.02 min
Lab File: BE095842.D
Acq: 26 Mar 2018 16:11

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 7494

Ion	Ratio	Lower	Upper
264	100		
260	28.2	20.5	30.7
265	28.4	22.8	34.2