Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095014.D
Acq On : 9 May 2017 9:58
Operator : SJ/MA
Sample : I2947-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 09 11:45:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	93901	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	383497	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	172218	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	298164	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	235138	20.00	ng		-0.02
86) Perylene-d12	20.30	264	176263	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	709052	125.89	ng		-0.02
7) Phenol-d6	7.25	99	873216	129.22	ng		-0.02
23) Nitrobenzene-d5	8.61	82	462386	76.03	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	155296	110.11	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	839302	70.15	ng		-0.02
78) Terphenyl-d14	17.29	244	617199	57.81	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.27	94	21738	3.05	ng		85
19) n-Nitroso-di-n-propylamine	8.61	70	58478	12.79	ng	#	77
32) Benzoic acid	9.69	122	120	5.11	ng	#	43
49) Dimethylphthalate	12.20	163	132088	9.34	ng		99

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

Quantitation Report (Not Reviewed)

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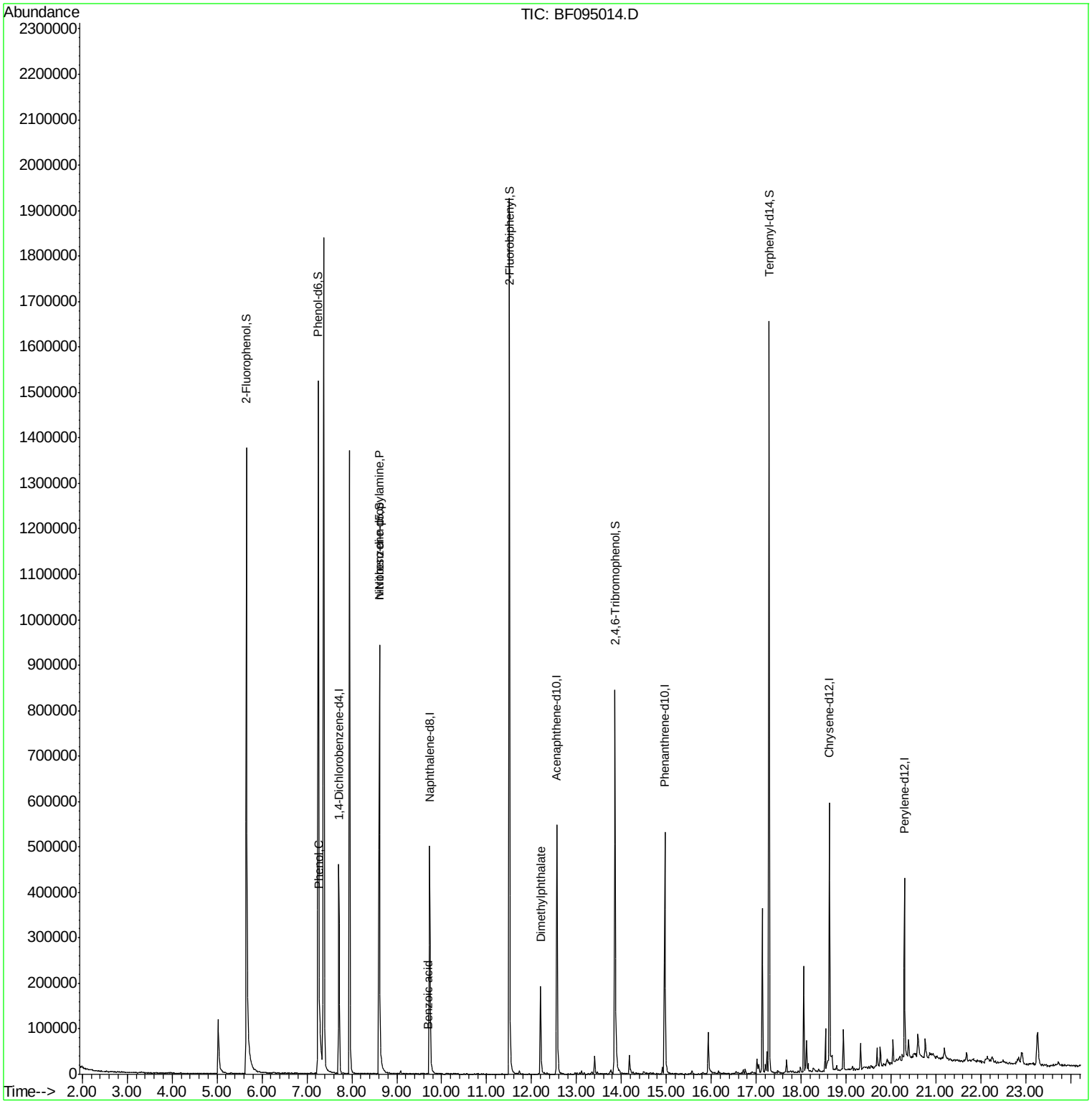
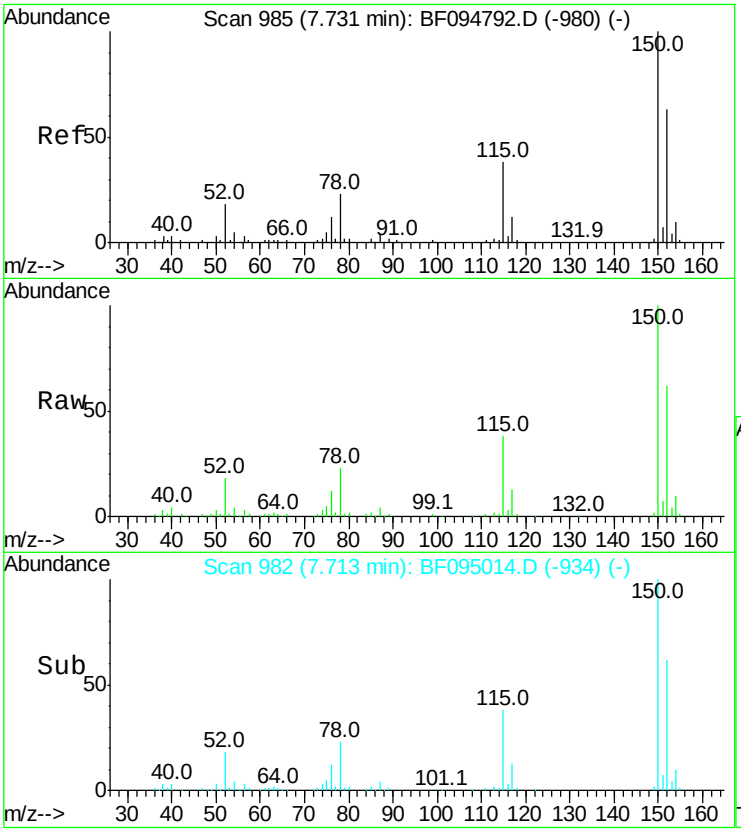


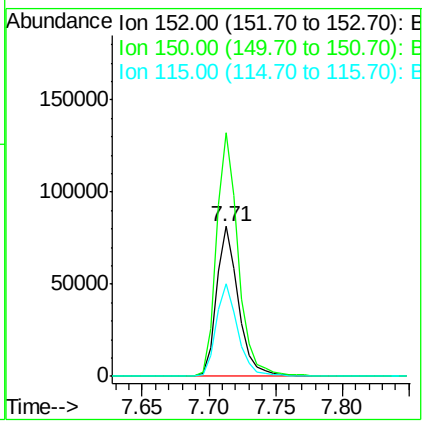


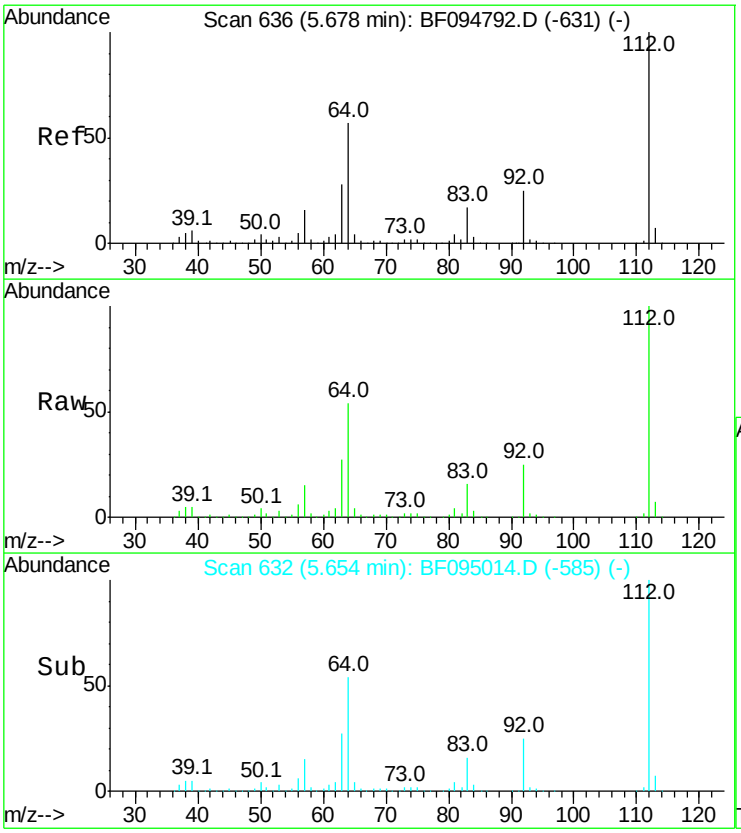
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93901

Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.2	189.2
115	61.8	52.2	78.2

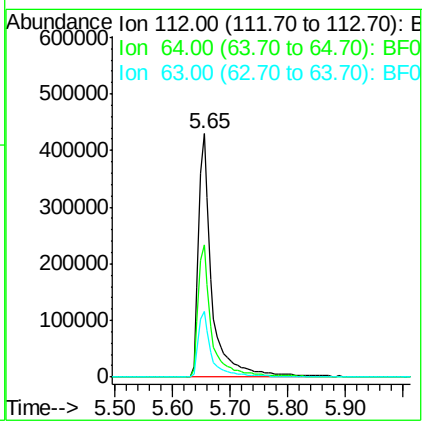


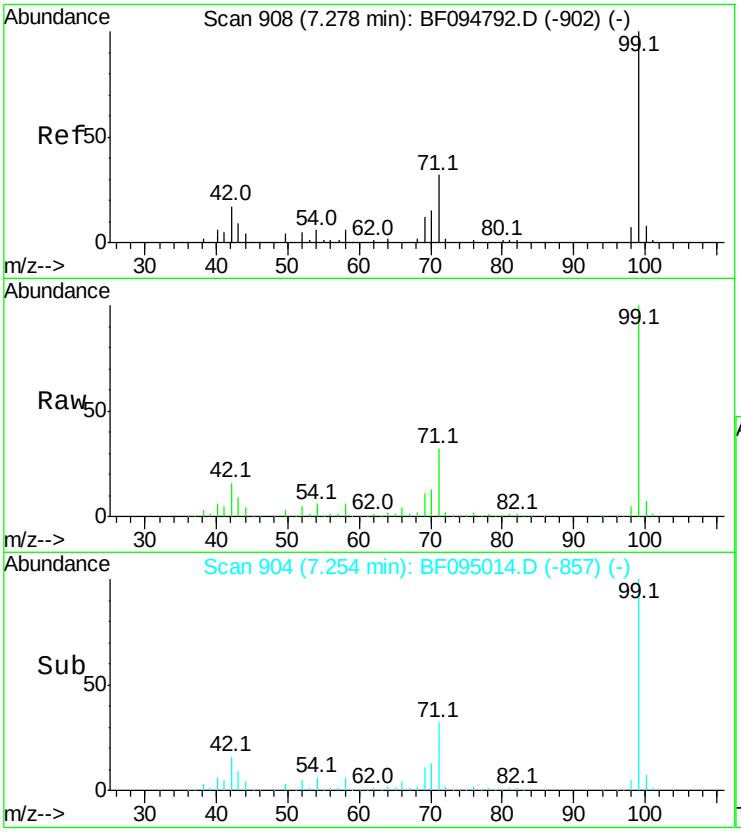


#5
2-Fluorophenol
Concen: 125.89 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:112 Resp: 709052

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.0	23.4	35.0



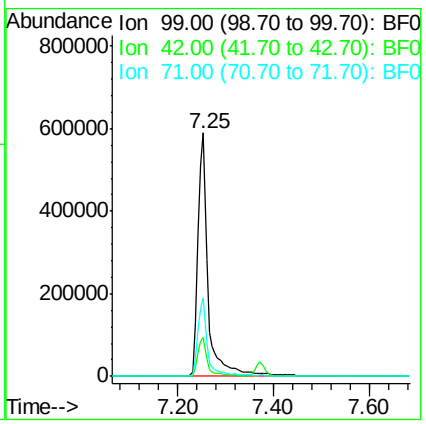


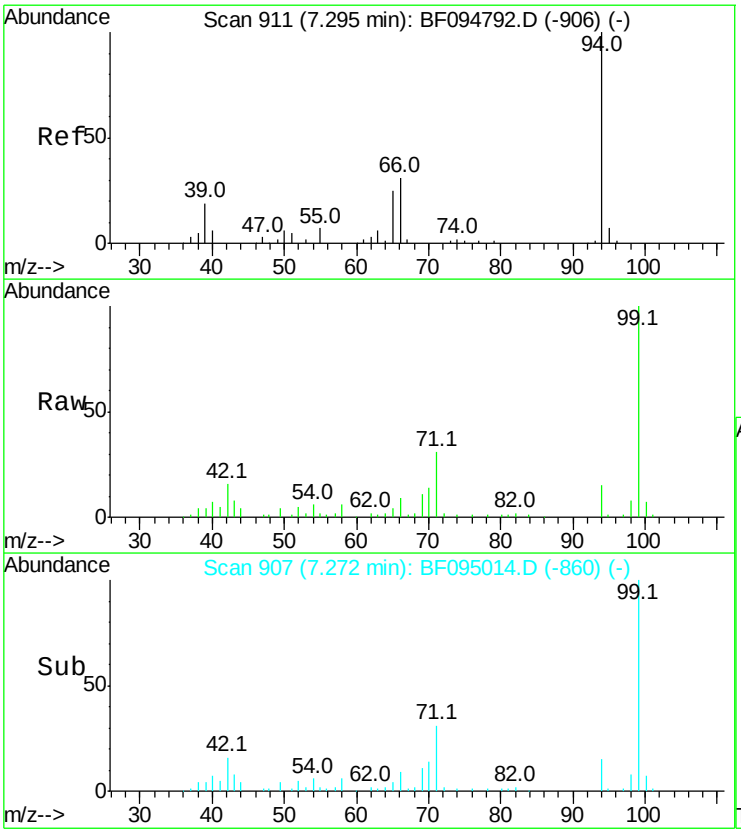
#7
Phenol-d6
Concen: 129.22 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 873216

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.2	24.5	36.7

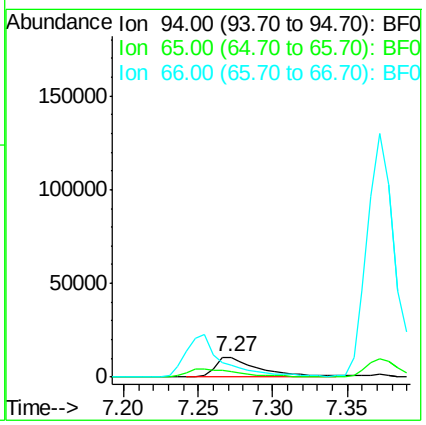


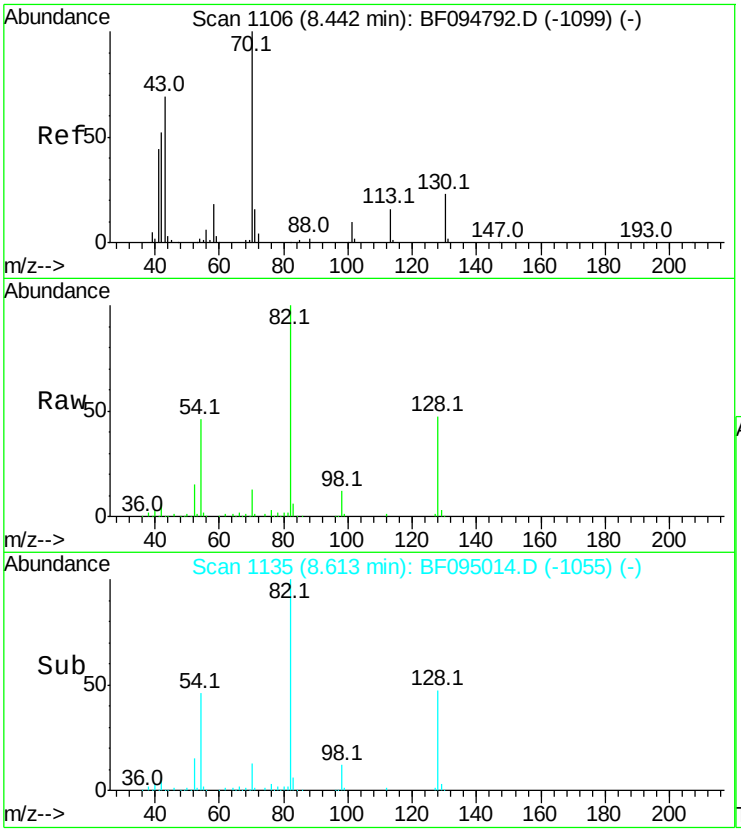


#10
Phenol
Concen: 3.05 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion: 94 Resp: 21738

Ion	Ratio	Lower	Upper
94	100		
65	28.3	9.9	49.9
66	58.2	23.1	63.1



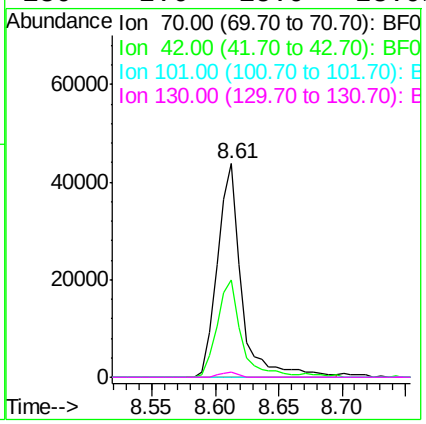


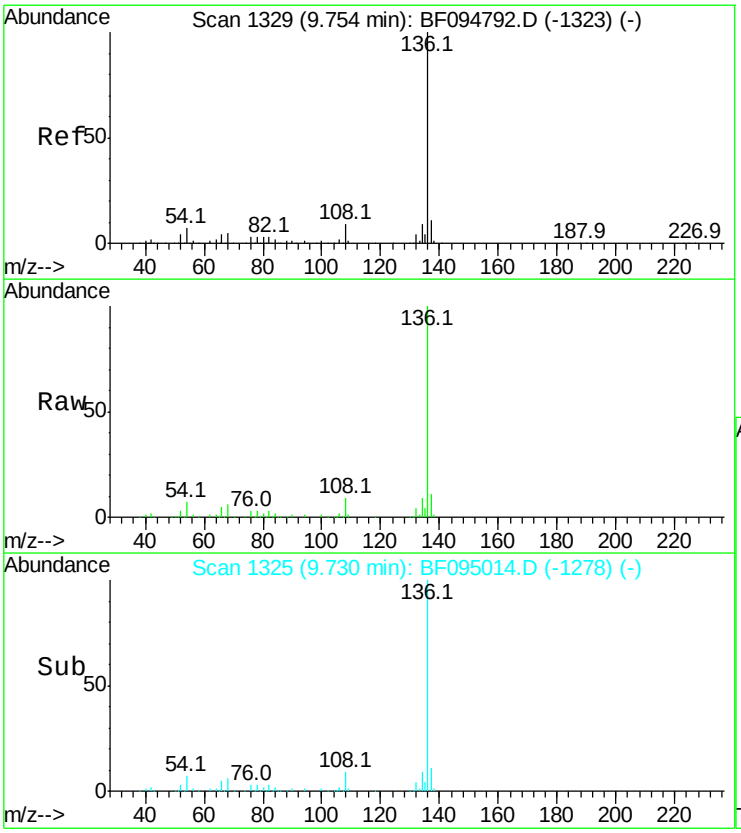
#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 58478

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#

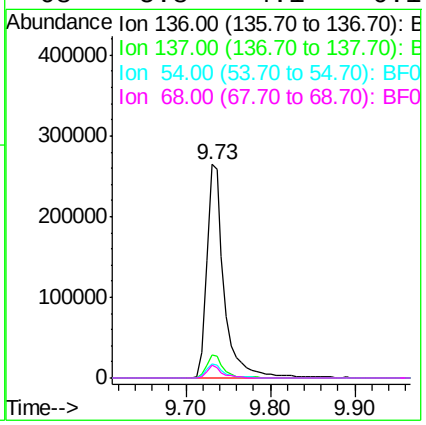


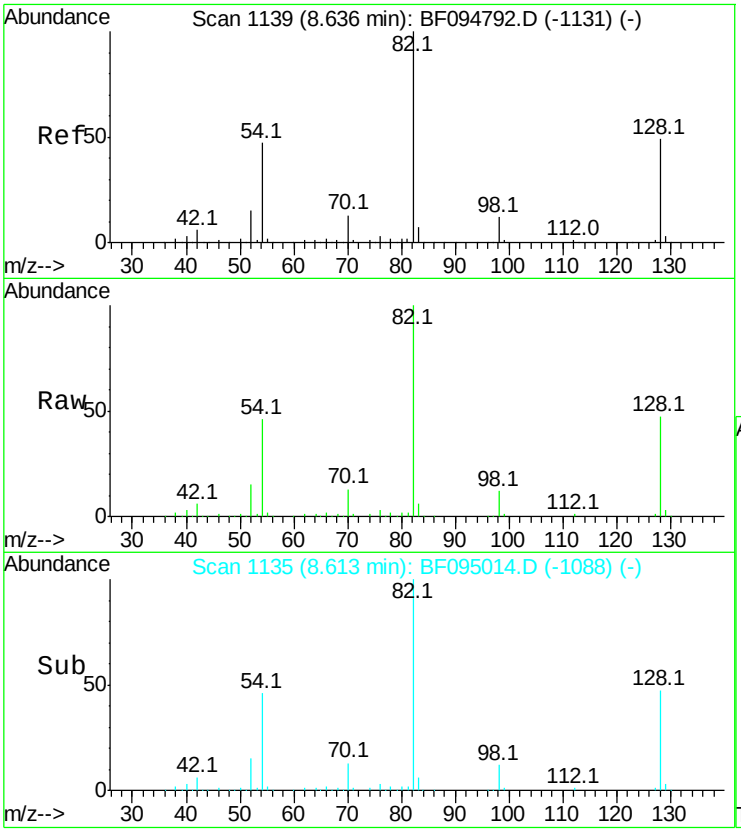


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:136 Resp: 383497

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.6	4.9	7.3
68	5.8	4.1	6.1



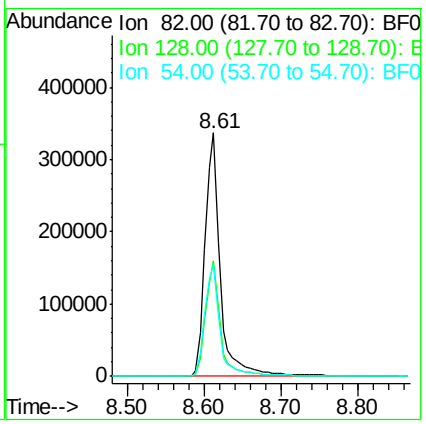


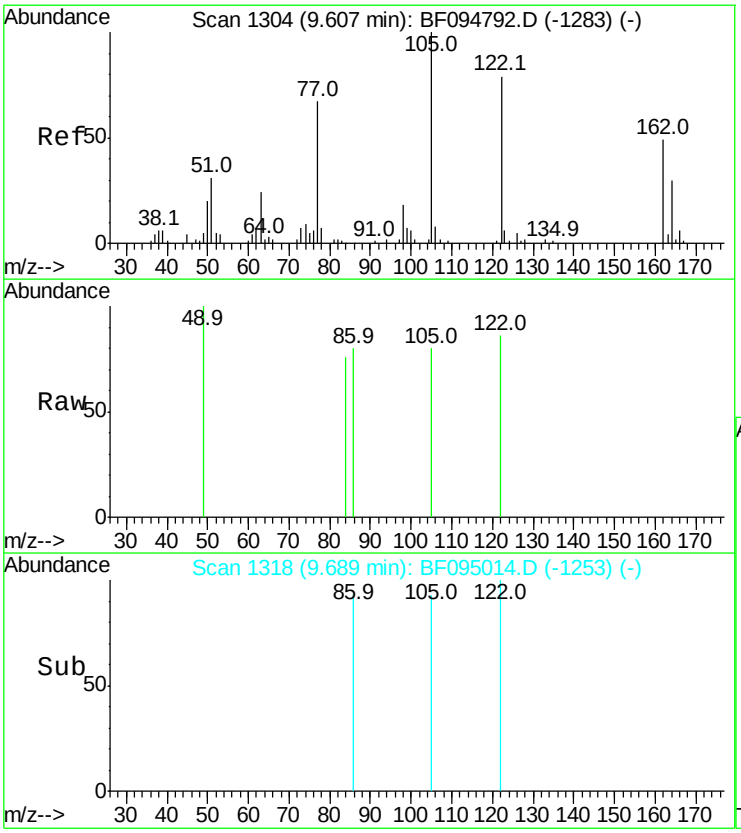
#23
Nitrobenzene-d5
Concen: 76.03 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 462386

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	45.8	42.2	63.2

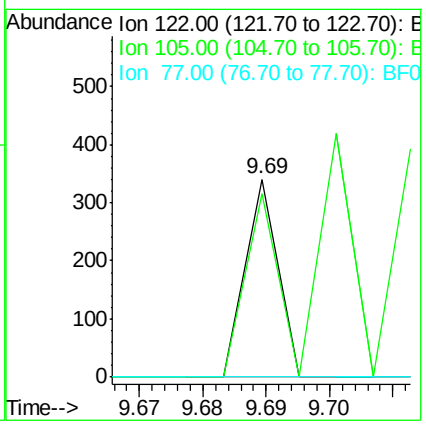


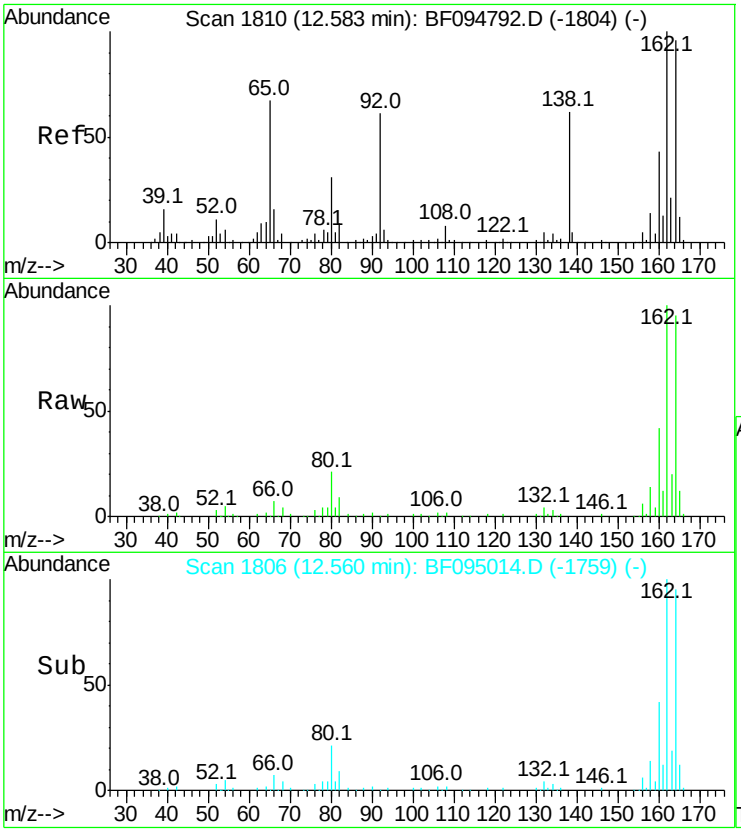


#32
Benzoic acid
Concen: 5.11 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.08 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	92.6	103.3	143.3#
77	0.0	73.7	113.7#



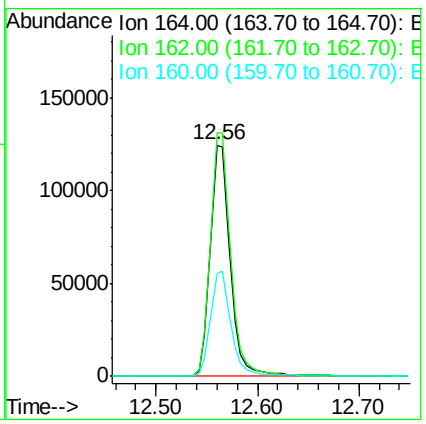


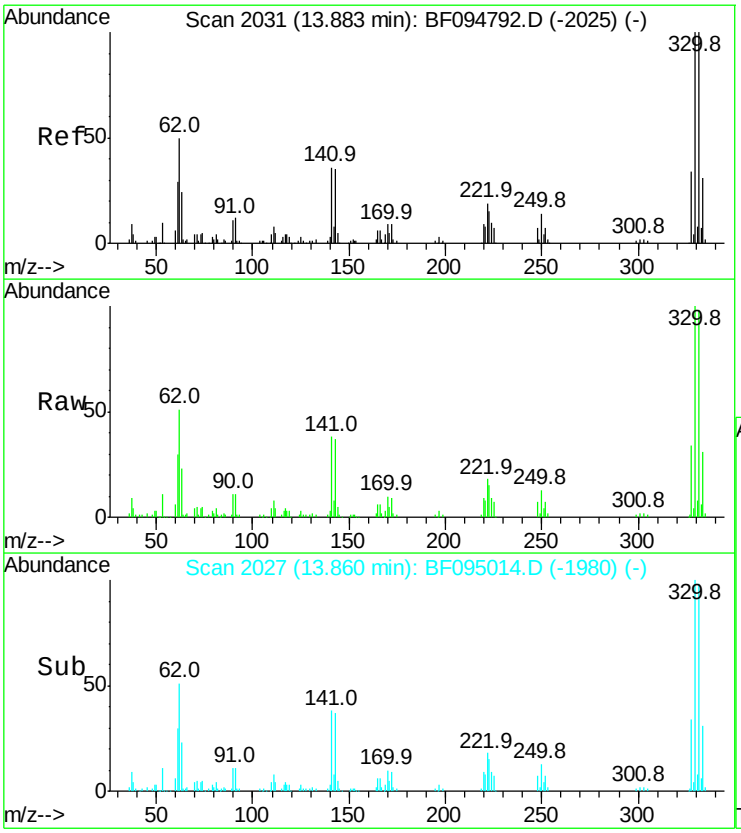
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 172218

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	44.4	36.2	54.2

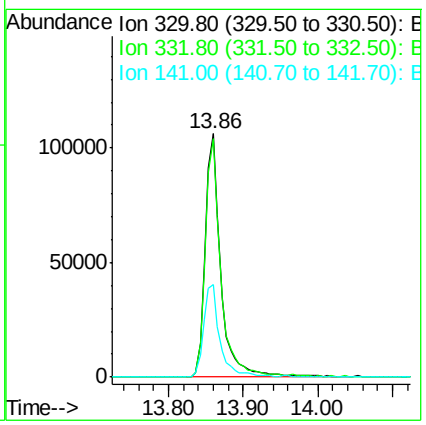


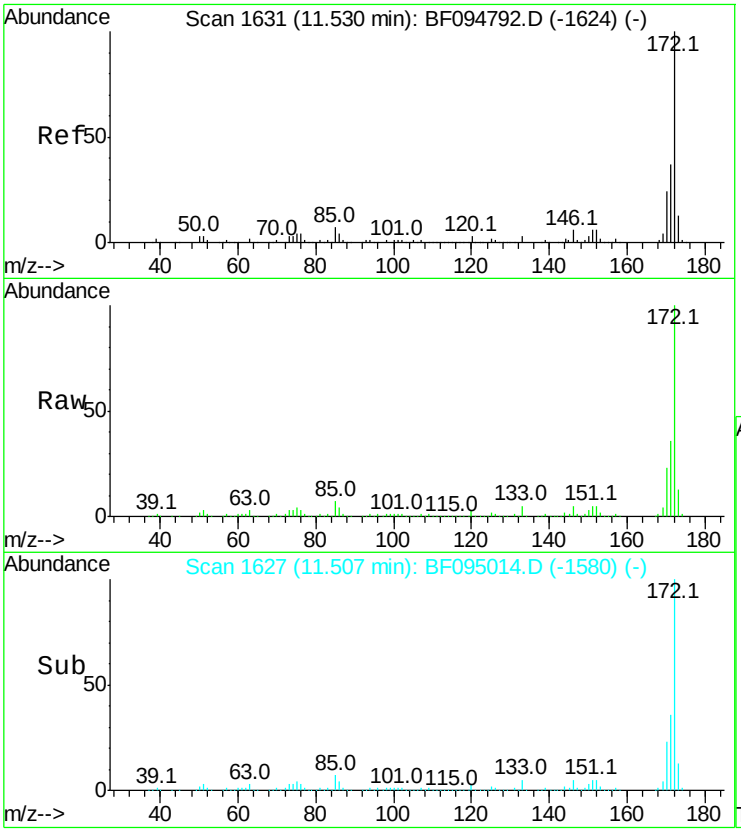


#41
2,4,6-Tribromophenol
Concen: 110.11 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:330 Resp: 155296

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	39.6	31.4	47.2



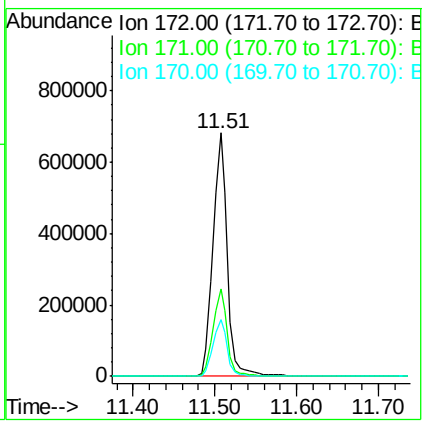


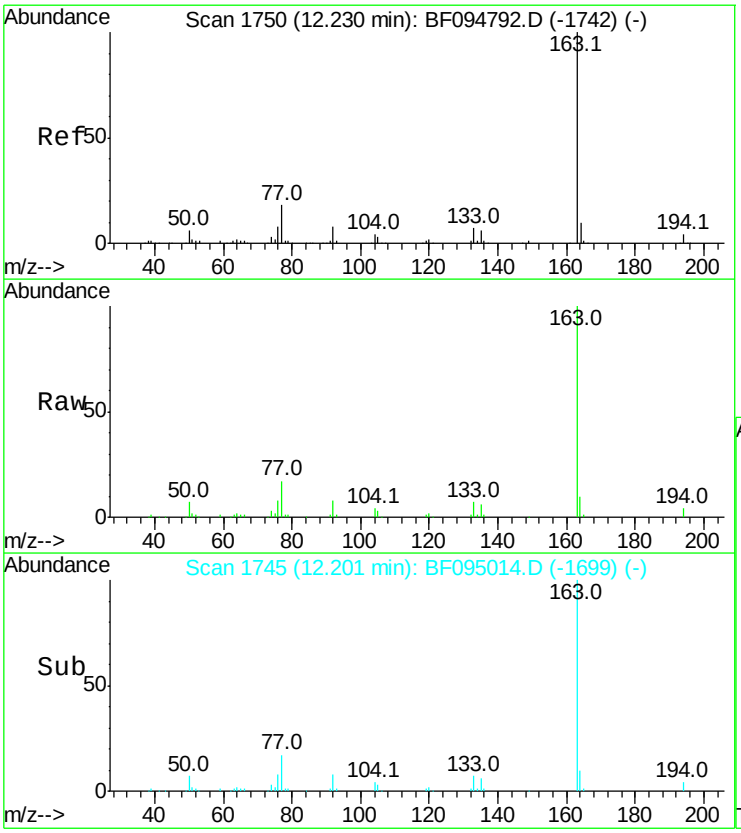
#44
2-Fluorobiphenyl
Concen: 70.15 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 839302

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.5	19.8	29.8

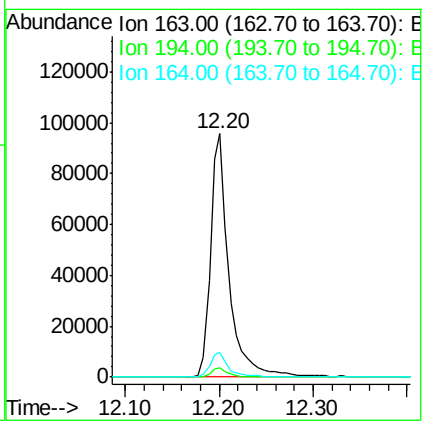


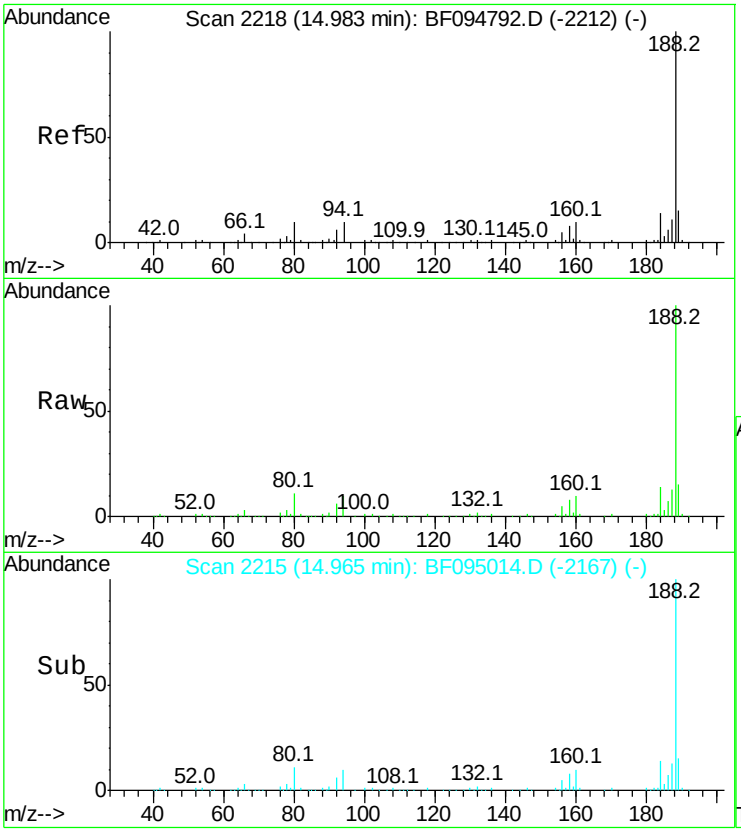


#49
Dimethylphthalate
Concen: 9.34 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:163 Resp: 132088

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.1	8.4	12.6



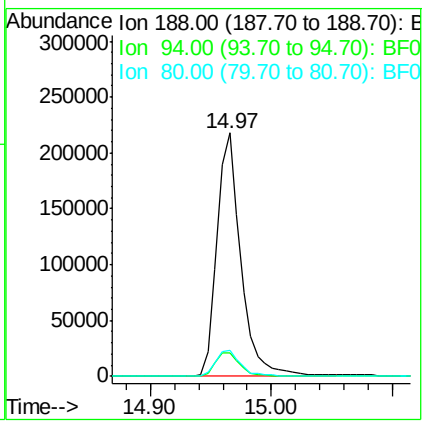


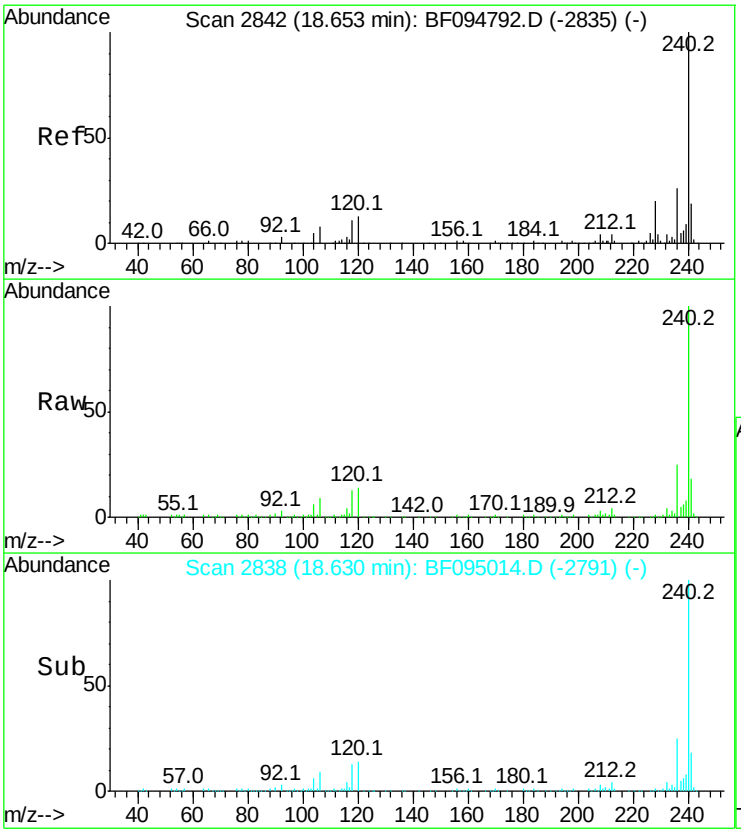
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 298164

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.5	10.2	15.2

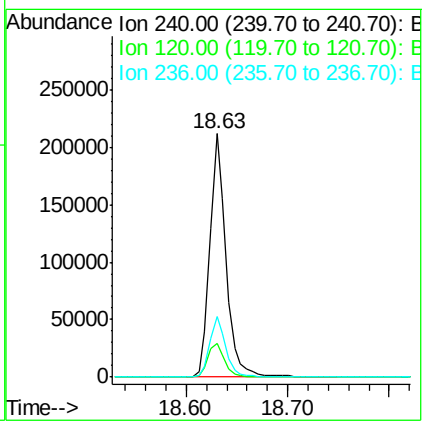


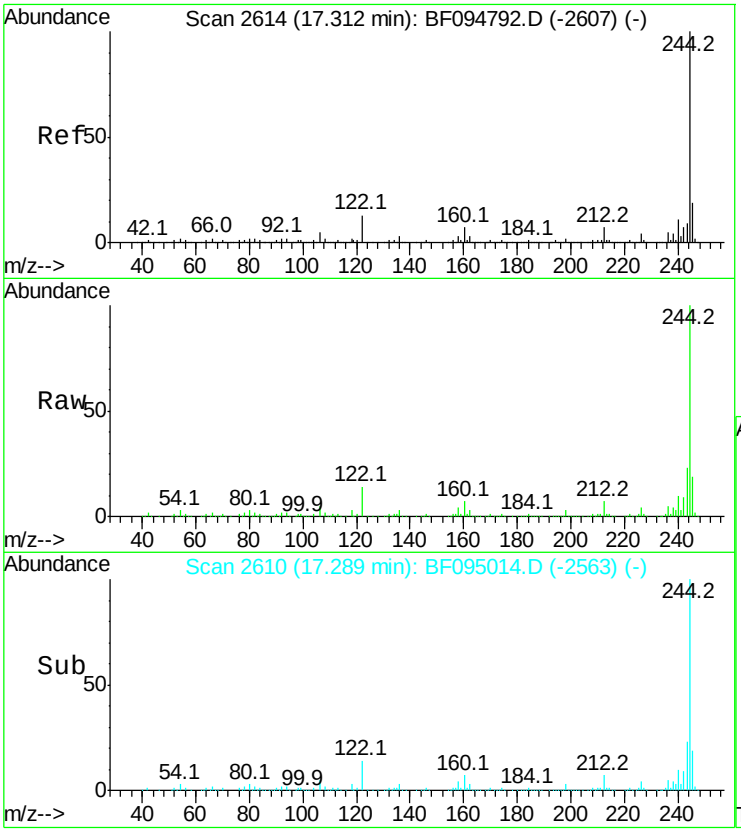


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:240 Resp: 235138

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.0	20.5	30.7



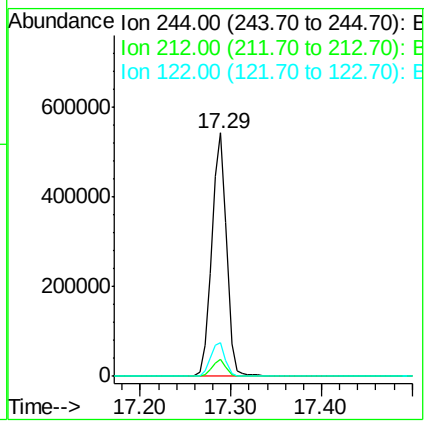


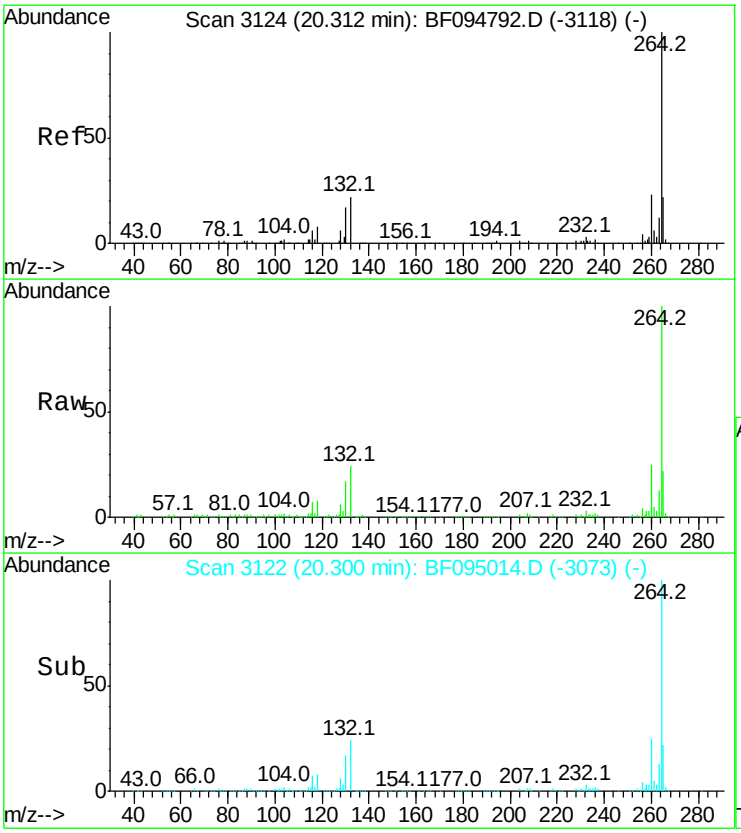
#78
Terphenyl-d14
Concen: 57.81 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 617199

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095014.D
Acq: 9 May 2017 9:58

Tgt Ion:264 Resp: 176263

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.2	25.8