Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096003.D
Acq On : 19 Jun 2017 13:30
Operator : SJ/MA
Sample : I3715-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 19 16:39:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	68117	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	280700	20.00	ng	-0.02
38) Acenaphthene-d10	12.15	164	136386	20.00	ng	-0.03
63) Phenanthrene-d10	14.55	188	249472	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	188592	20.00	ng	-0.02
86) Perylene-d12	19.95	264	130577	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	549465	128.54	ng	-0.02
7) Phenol-d6	6.87	99	672893	131.48	ng	-0.04
23) Nitrobenzene-d5	8.22	82	397332	87.91	ng	-0.03
41) 2,4,6-Tribromophenol	13.46	330	148208	122.82	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	811198	82.77	ng	-0.02
78) Terphenyl-d14	16.93	244	678435	89.28	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.56	88	81609	40.13	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	48121	14.84	ng	# 76
49) Dimethylphthalate	11.82	163	214894	20.75	ng	97

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

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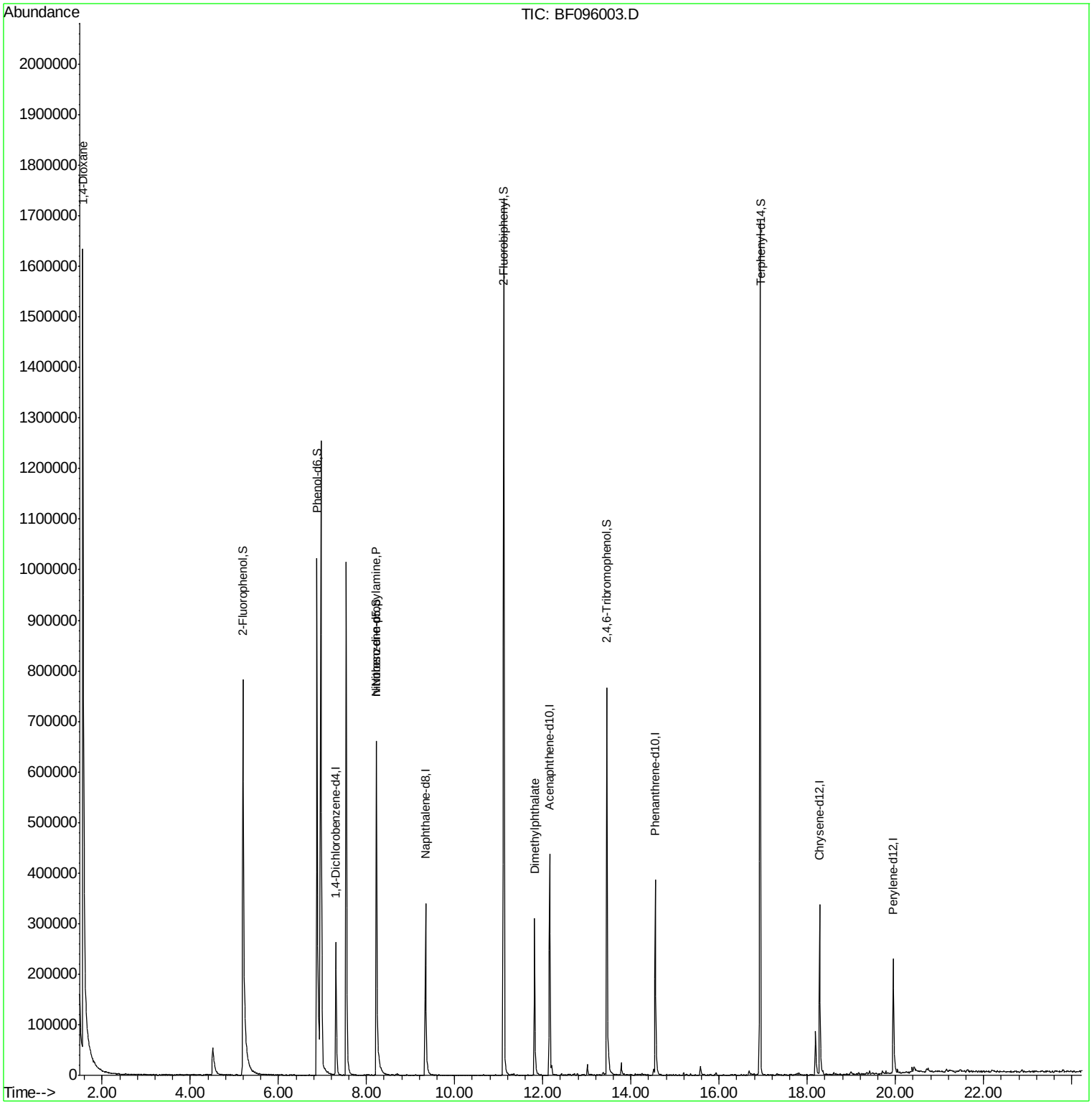
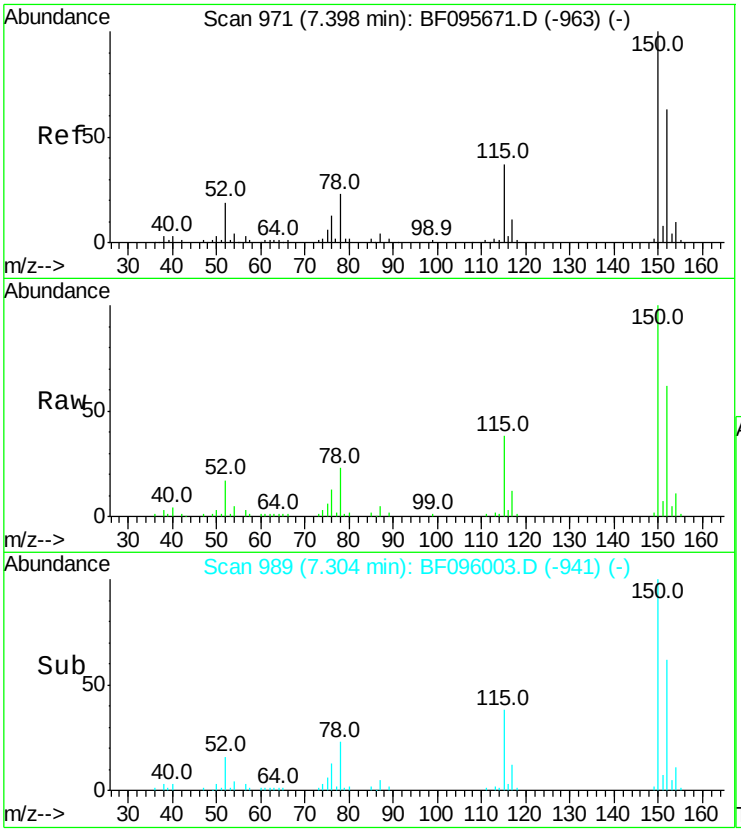


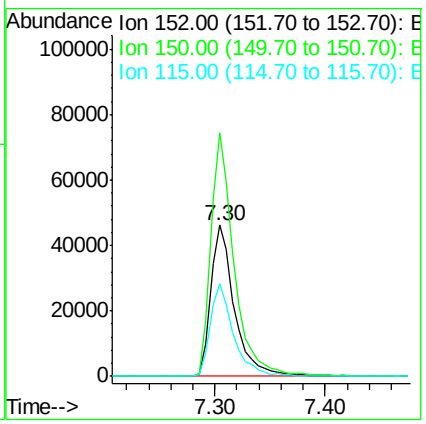


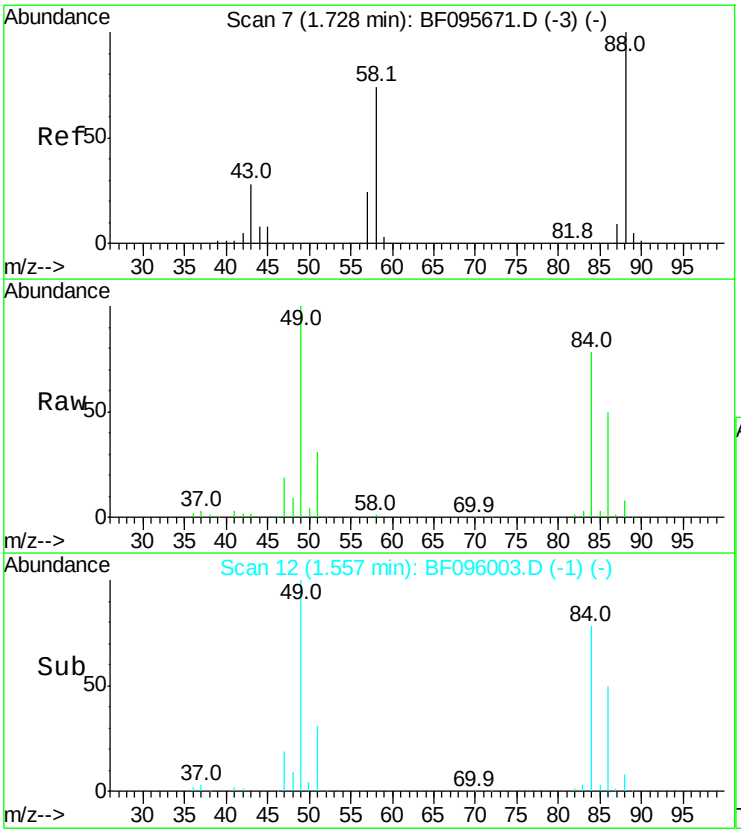
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68117

Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.2	189.2
115	61.5	52.2	78.2

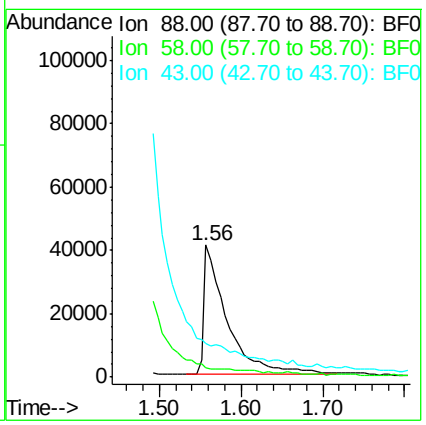


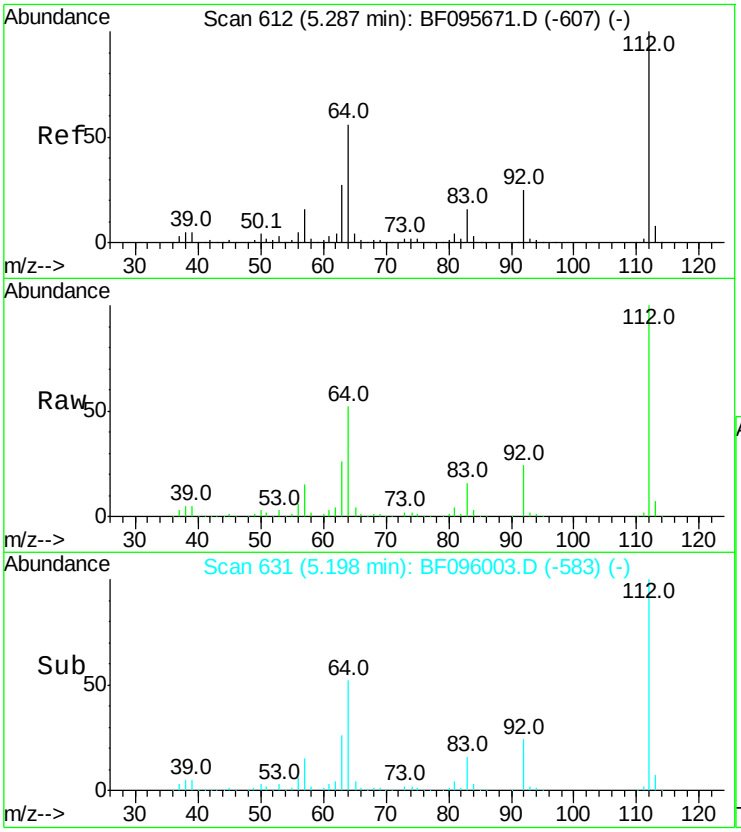


#2
1,4-Dioxane
Concen: 40.13 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.08 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion: 88 Resp: 81609

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#



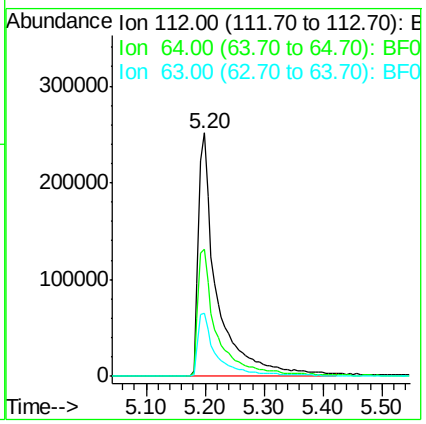


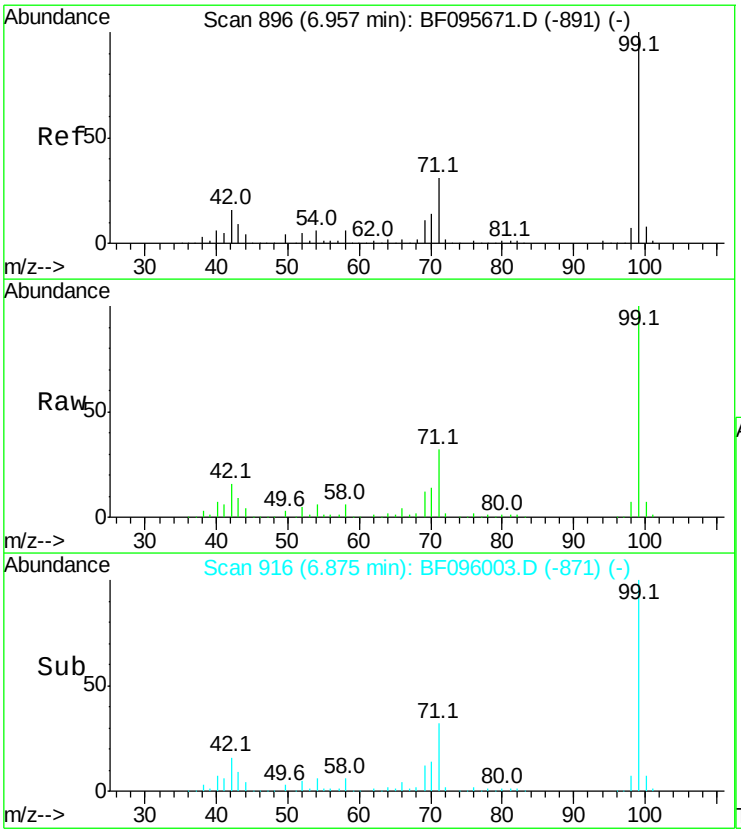
#5
2-Fluorophenol
Concen: 128.54 ng
RT: 5.20 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 549465

Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.0	69.0
63	26.0	23.4	35.0

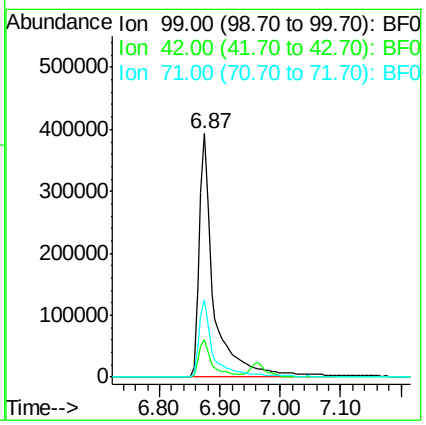


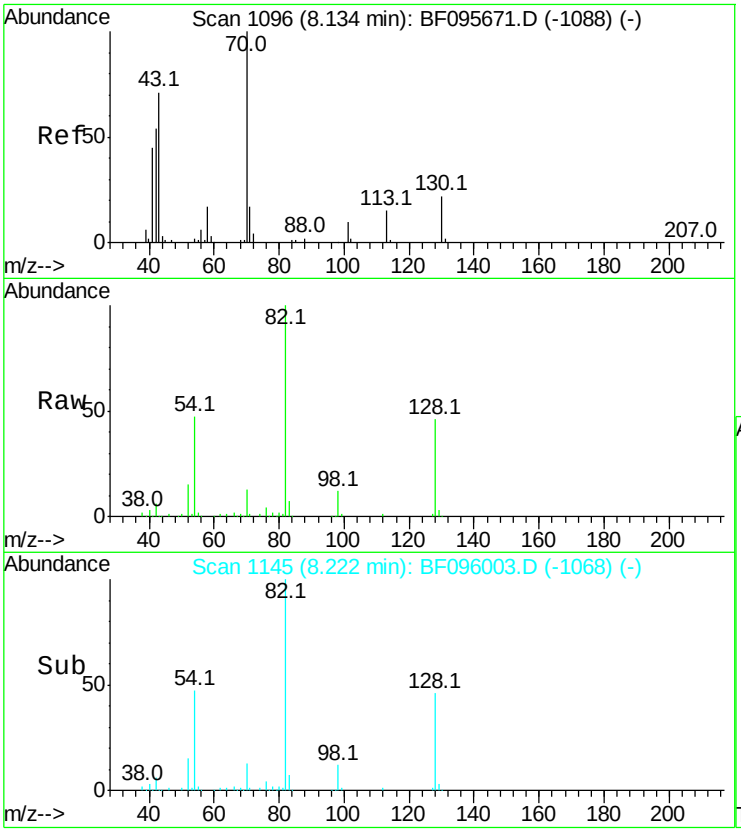


#7
Phenol-d6
Concen: 131.48 ng
RT: 6.87 min Scan# 916
Delta R.T. -0.04 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion: 99 Resp: 672893

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.7	24.5	36.7



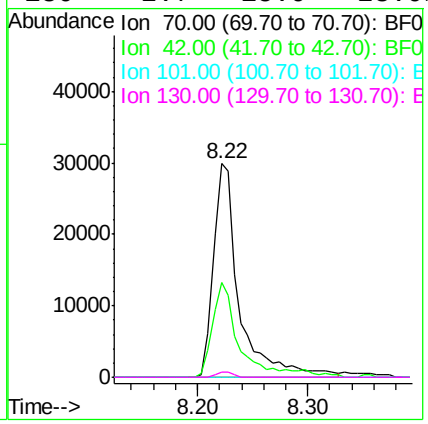


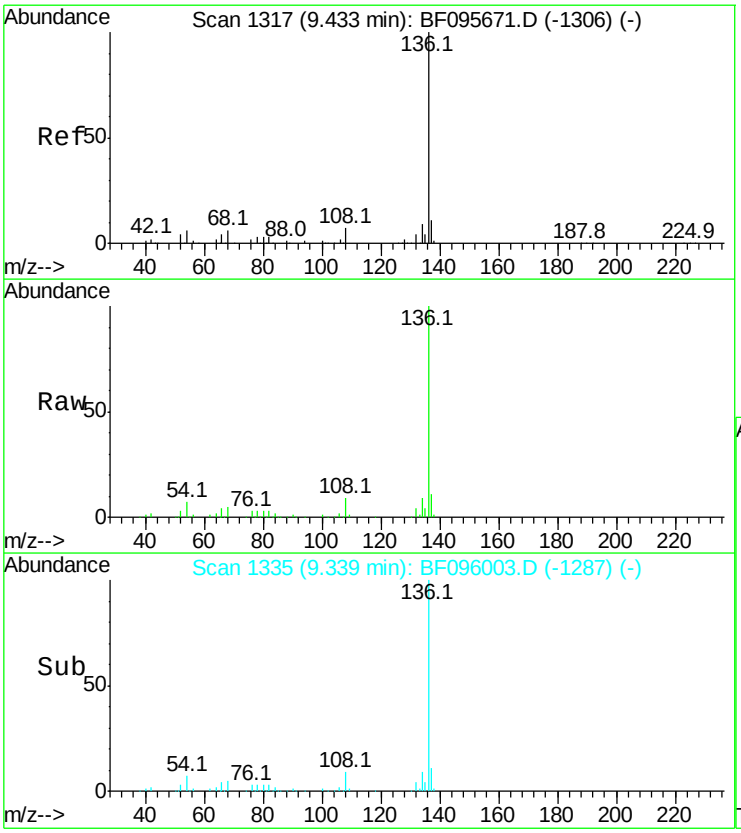
#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.15 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 48121

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#

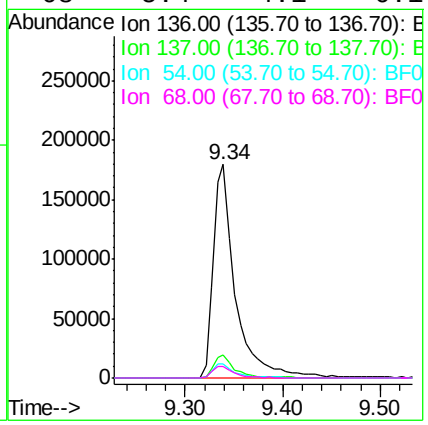


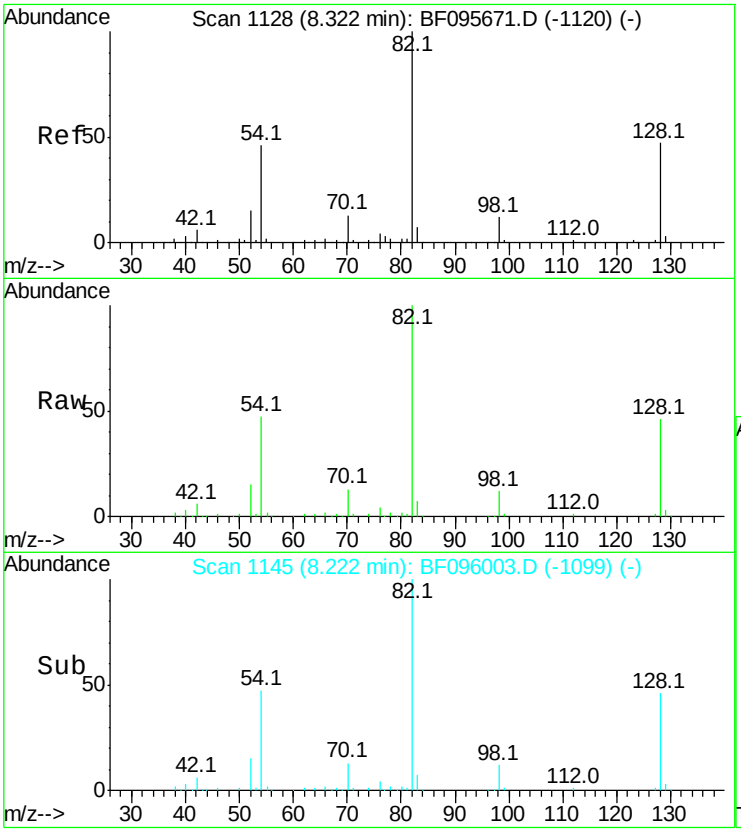


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.34 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion:136 Resp: 280700

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	4.9	7.3
68	5.4	4.1	6.1



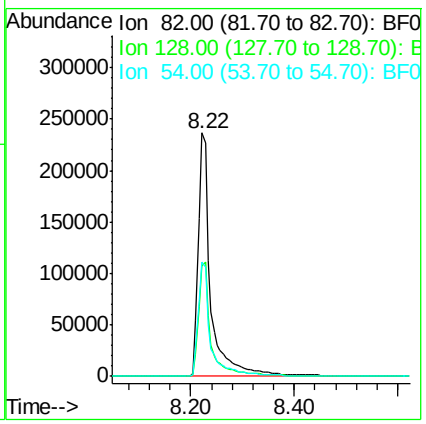


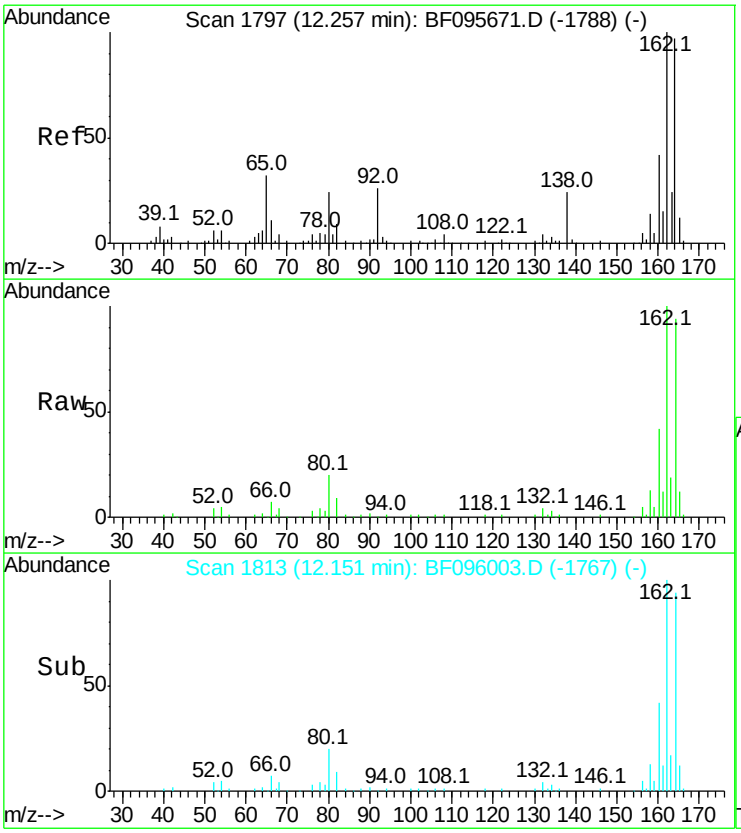
#23
Nitrobenzene-d5
Concen: 87.91 ng
RT: 8.22 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 397332

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	47.1	42.2	63.2

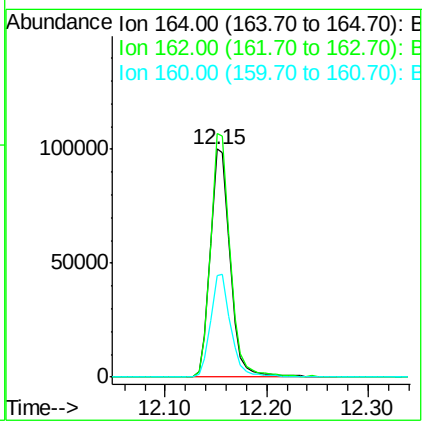


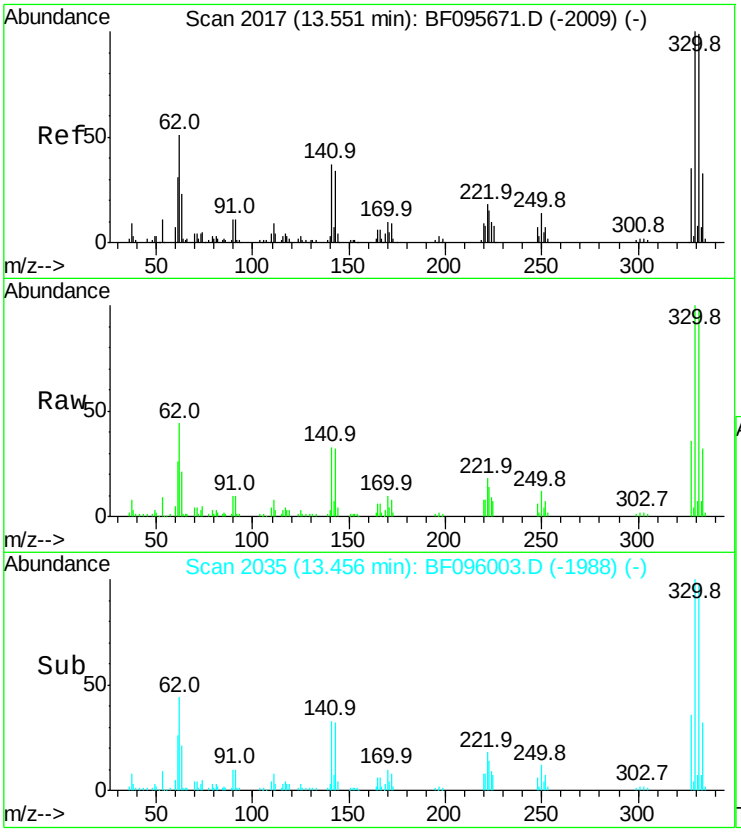


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1813
Delta R.T. -0.03 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion:164 Resp: 136386

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	44.6	36.2	54.2



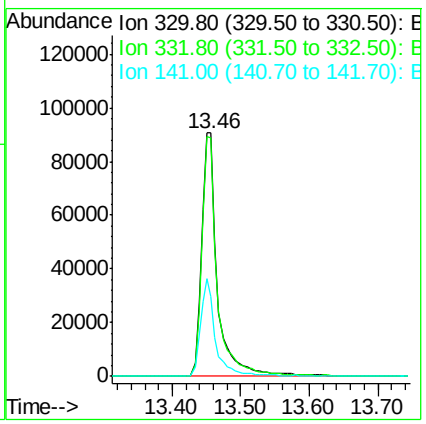


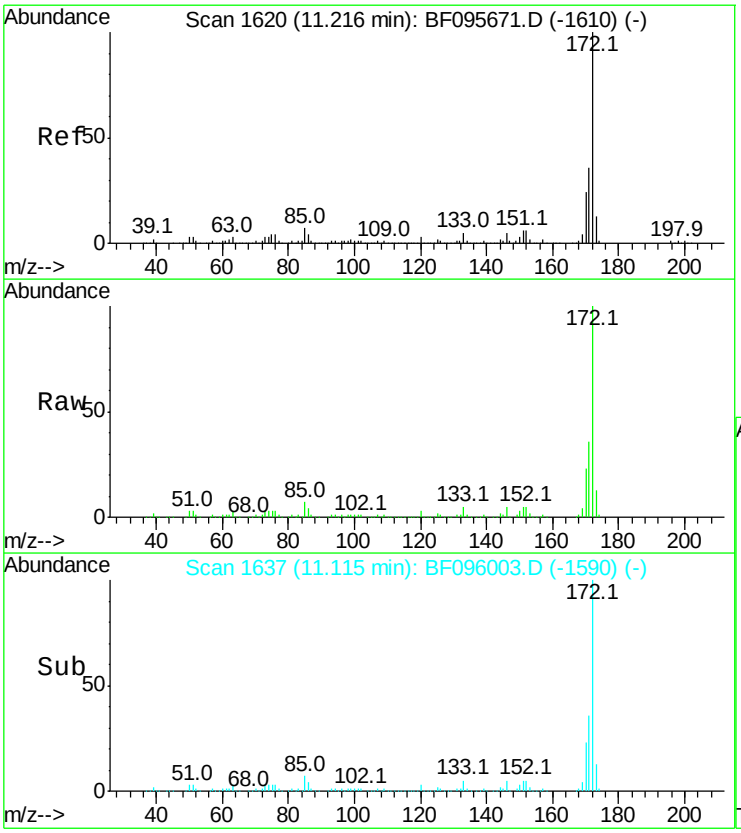
#41
2,4,6-Tribromophenol
Concen: 122.82 ng
RT: 13.46 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 148208

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	37.6	31.4	47.2

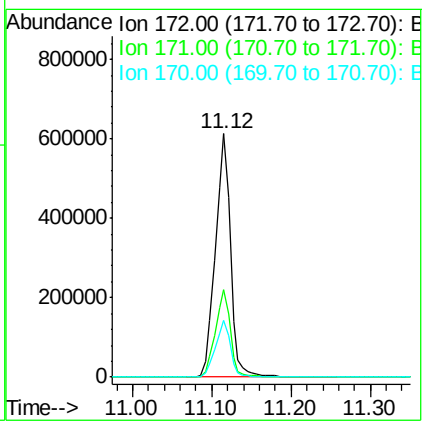


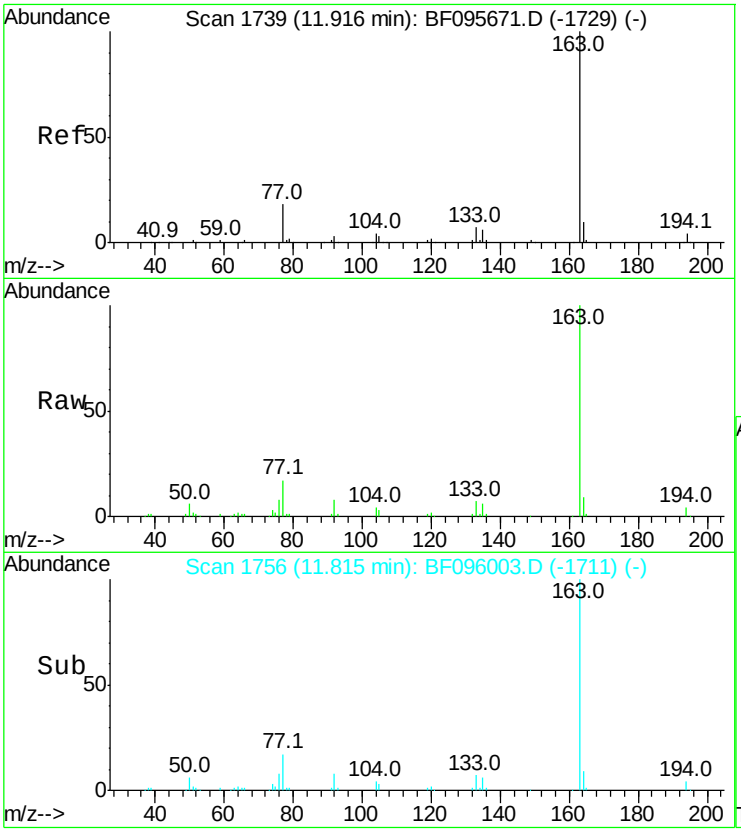


#44
2-Fluorobiphenyl
Concen: 82.77 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion:172 Resp: 811198

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.3	19.8	29.8



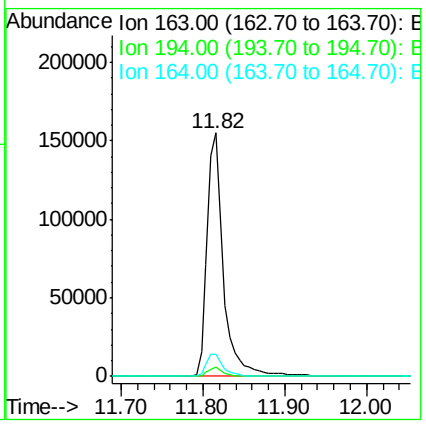


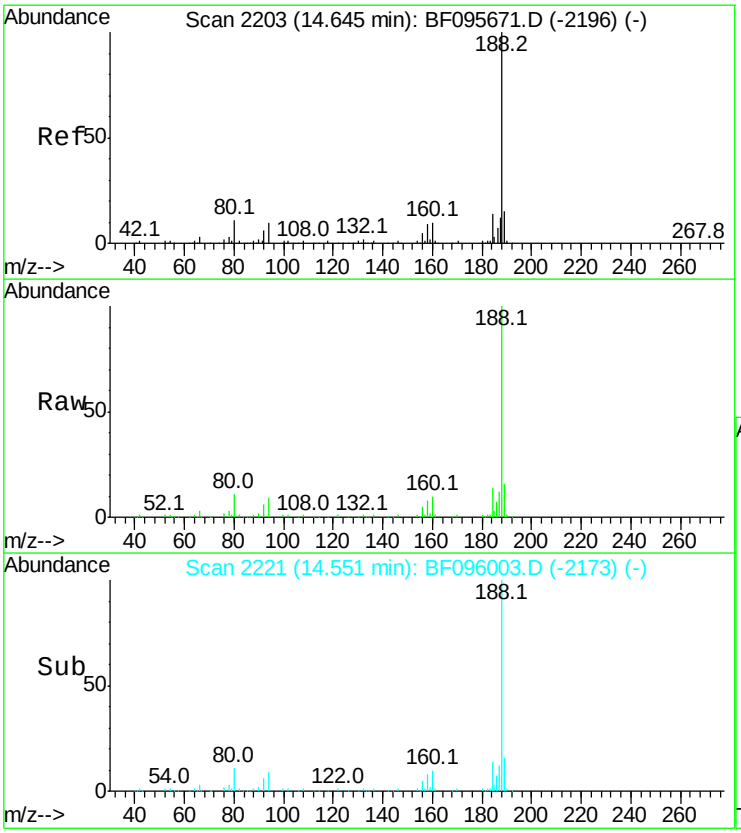
#49
Dimethylphthalate
Concen: 20.75 ng
RT: 11.82 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 214894

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.3	8.4	12.6

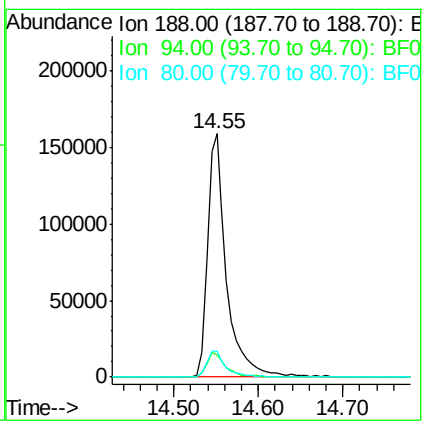


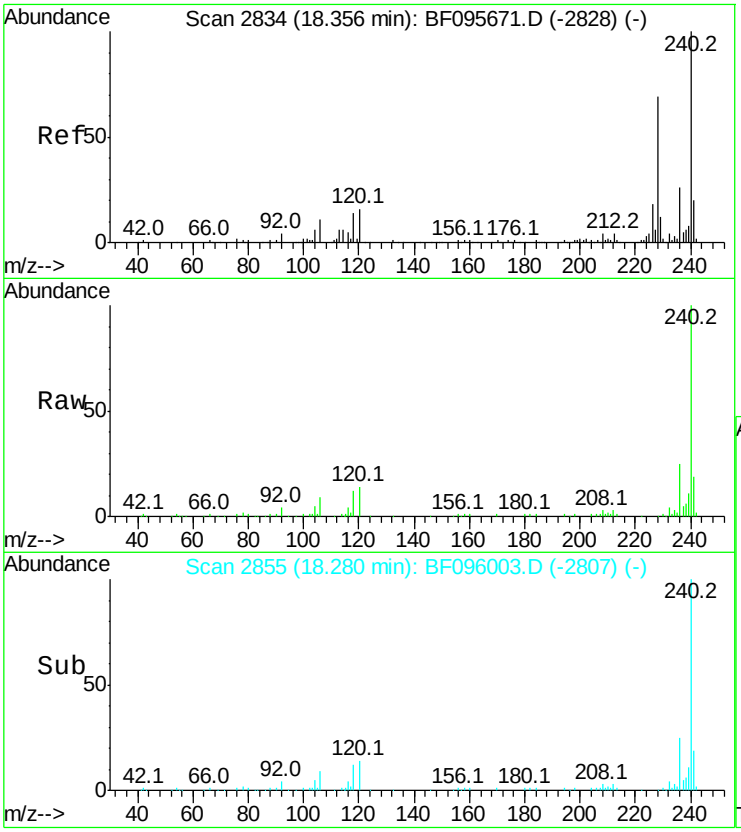


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion:188 Resp: 249472

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.4	14.2#
80	10.9	10.2	15.2



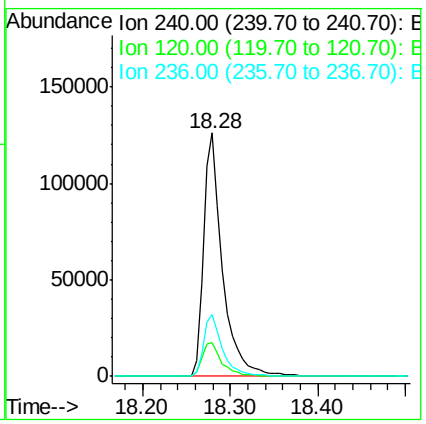


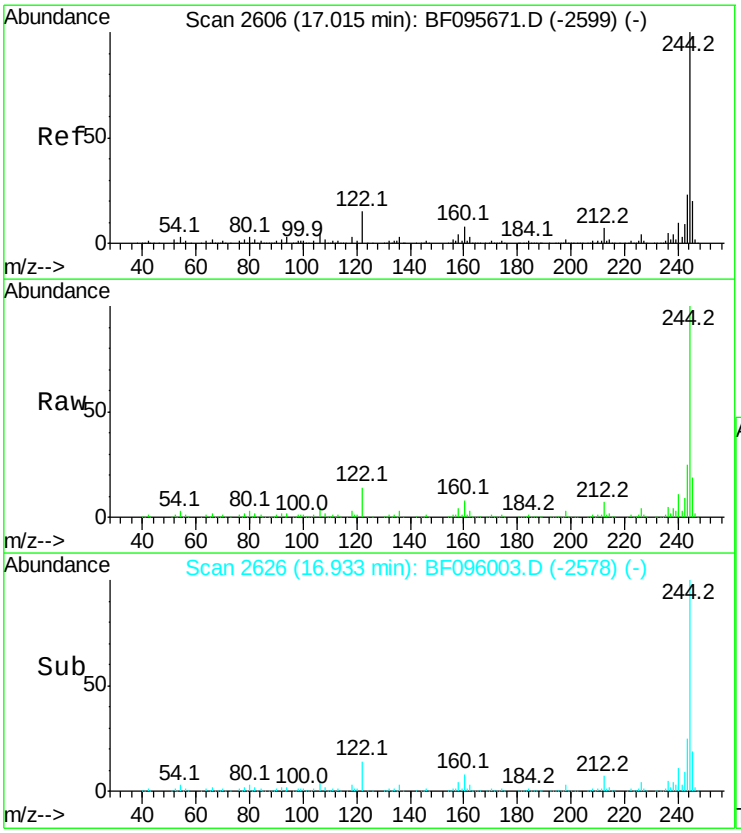
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.28 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 188592

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.2	20.5	30.7

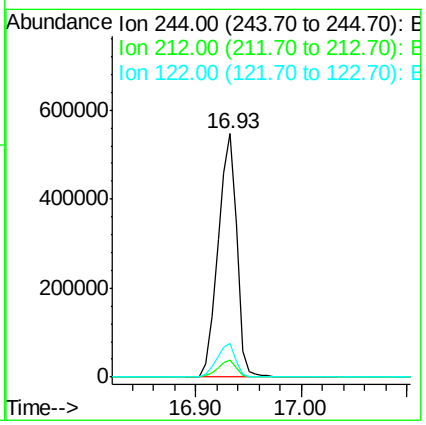


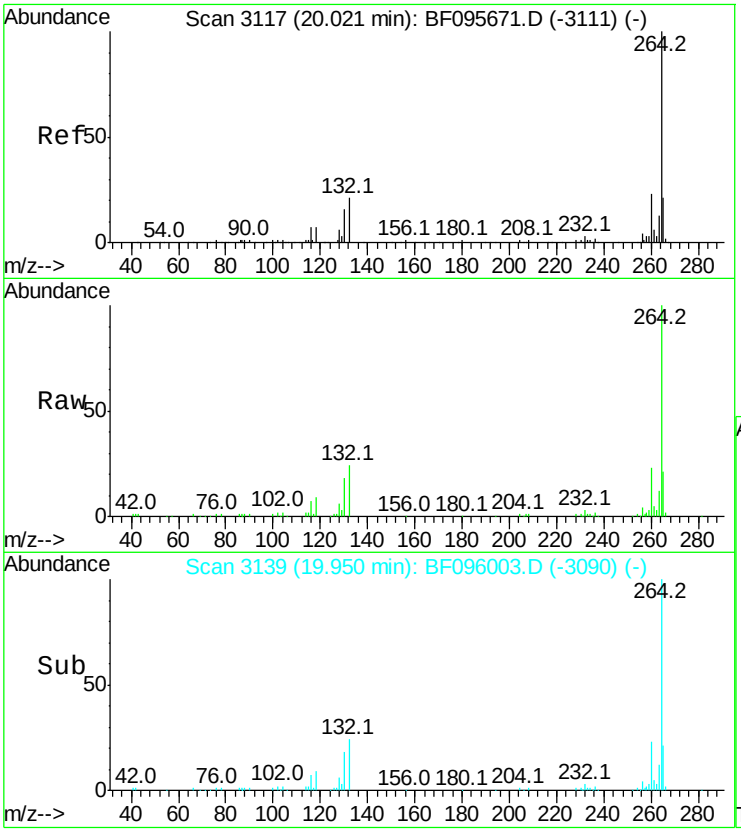


#78
Terphenyl-d14
Concen: 89.28 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Tgt Ion:244 Resp: 678435

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.95 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BF096003.D
Acq: 19 Jun 2017 13:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 130577

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.5	17.2	25.8