Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093979.D
Acq On : 28 Mar 2017 8:24
Operator : SJ/MA
Sample : I2387-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 13:30:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	175760	20.00	ng		-0.02
21) Naphthalene-d8	7.44	136	696087	20.00	ng		-0.02
38) Acenaphthene-d10	9.59	164	303301	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	490259	20.00	ng		-0.01
75) Chrysene-d12	14.66	240	319974	20.00	ng		-0.02
86) Perylene-d12	16.29	264	291760	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	612340	58.84	ng		-0.01
7) Phenol-d6	5.53	99	512606	39.82	ng		-0.02
23) Nitrobenzene-d5	6.59	82	1058891	86.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	222939	93.02	ng		-0.02
44) 2-Fluorobiphenyl	8.77	172	1809291	90.99	ng		-0.01
78) Terphenyl-d14	13.39	244	1251813	87.69	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	5.68	77	18679	2.15	ng		85
19) n-Nitroso-di-n-propylamine	6.59	70	139965	16.92	ng	#	76
50) 2,6-Dinitrotoluene	9.58	165	39180	7.93	ng	#	33
56) 2,4-Dinitrotoluene	9.58	165	39181	6.31	ng	#	32

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093979.D
Acq On : 28 Mar 2017 8:24
Operator : SJ/MA
Sample : I2387-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

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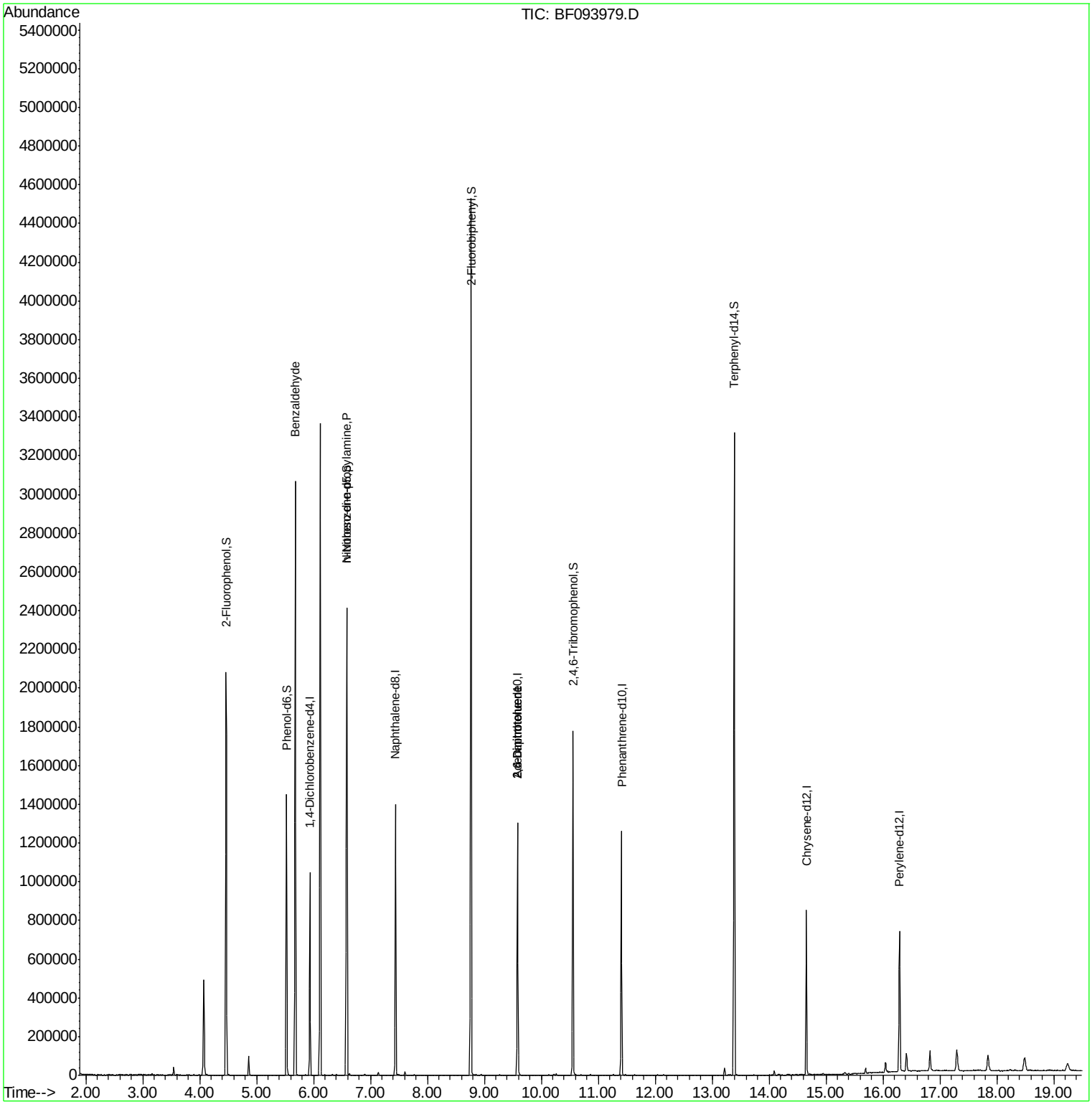
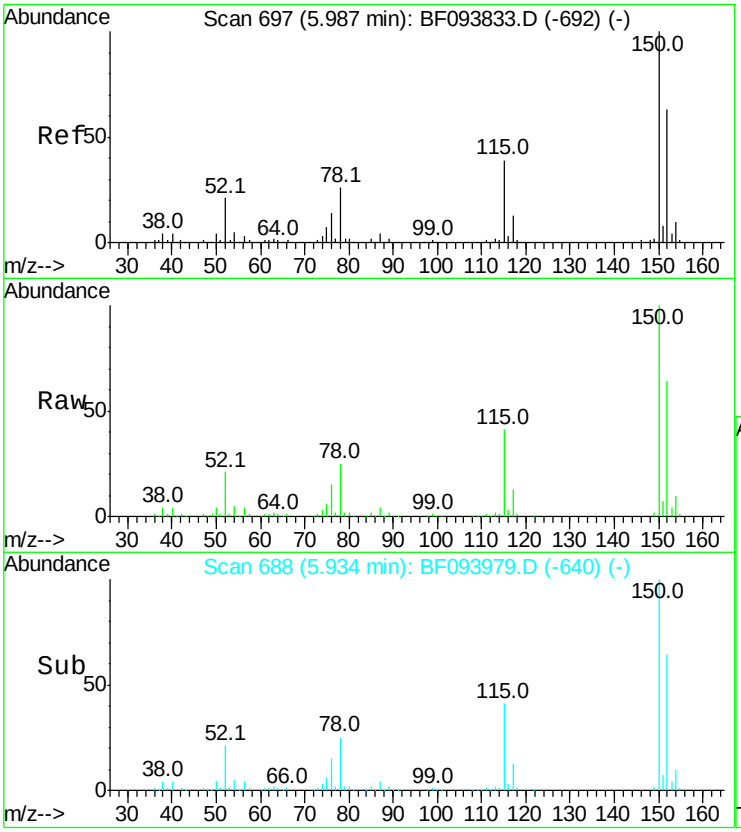


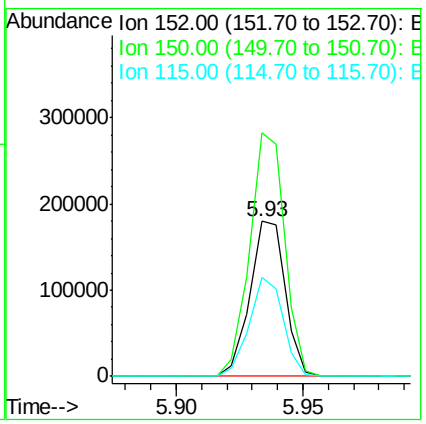


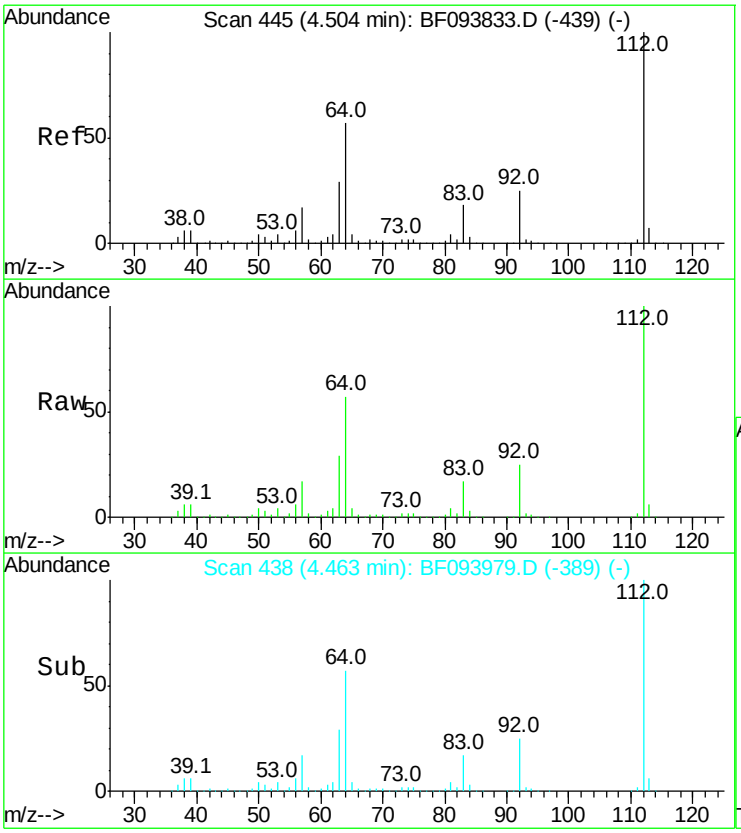
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 175760

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	63.9	52.2	78.2

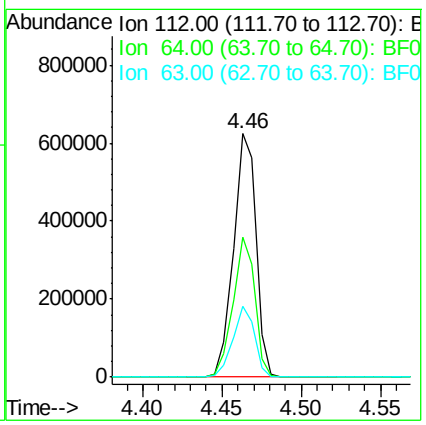


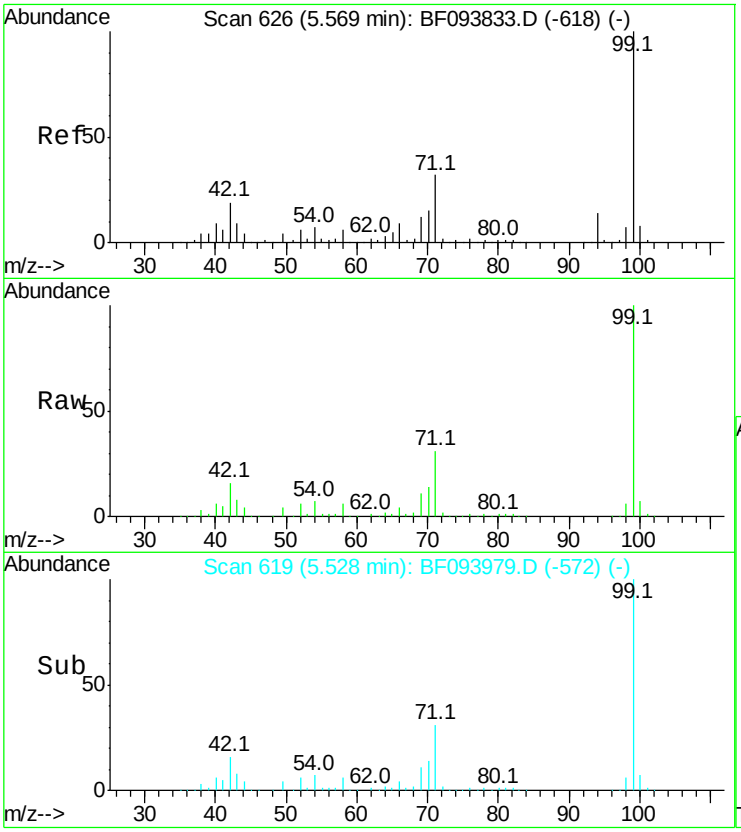


#5
2-Fluorophenol
Concen: 58.84 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:112 Resp: 612340

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.9	23.4	35.0



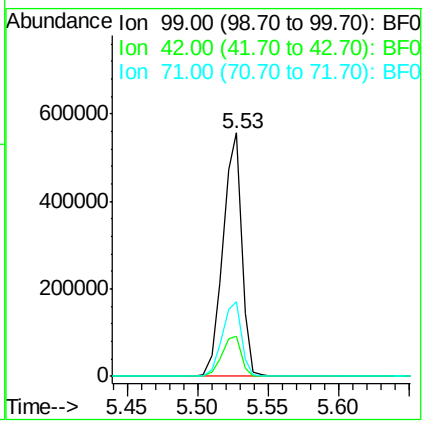


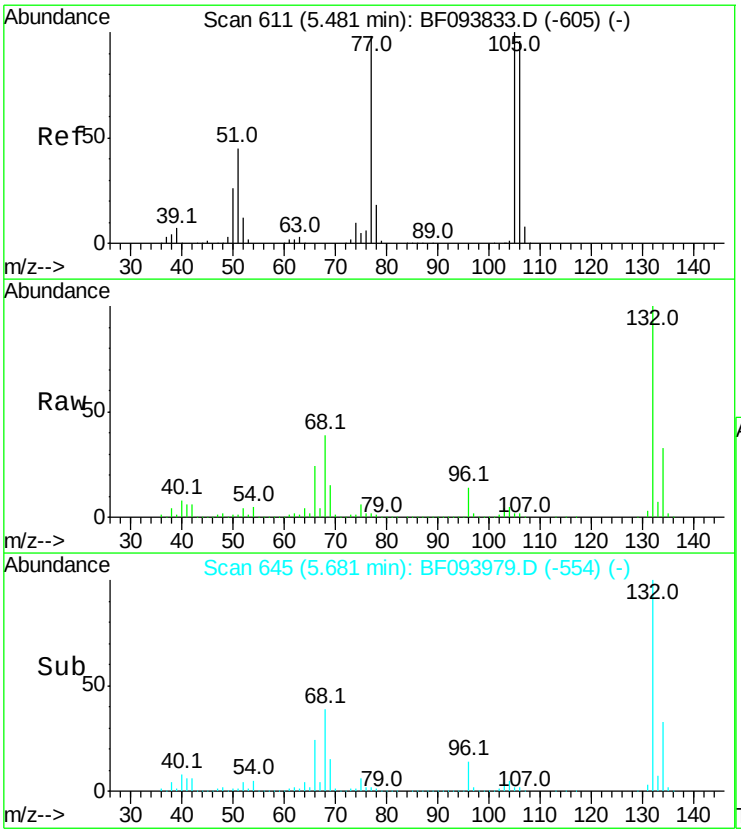
#7
Phenol-d6
Concen: 39.82 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 512606

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	30.7	24.5	36.7

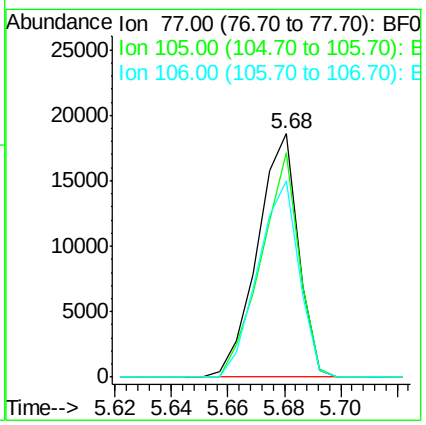


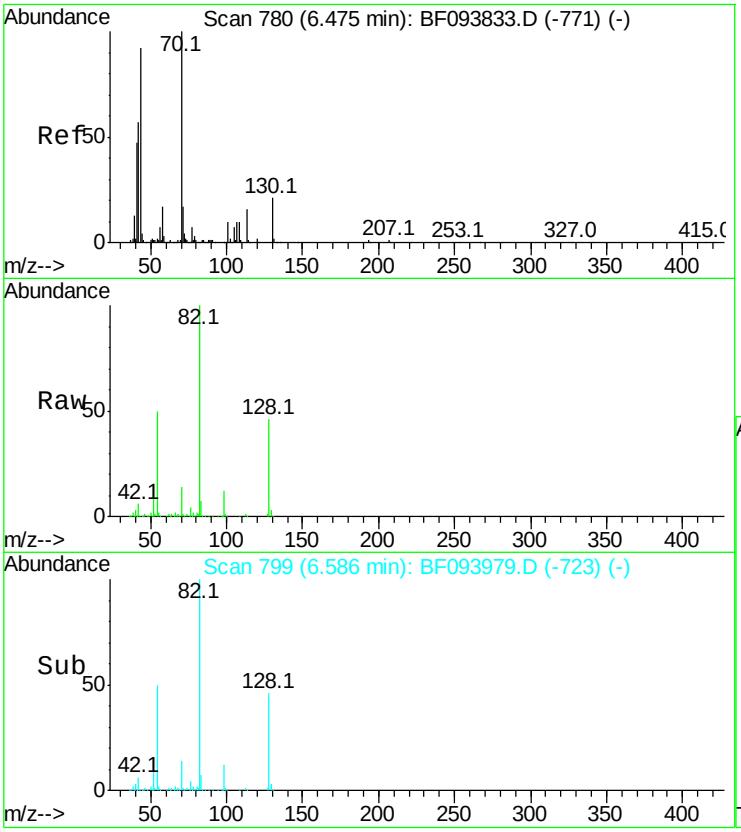


#9
Benzaldehyde
Concen: 2.15 ng
RT: 5.68 min Scan# 645
Delta R.T. 0.24 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion: 77 Resp: 18679

Ion	Ratio	Lower	Upper
77	100		
105	92.0	83.8	123.8
106	80.8	79.1	119.1



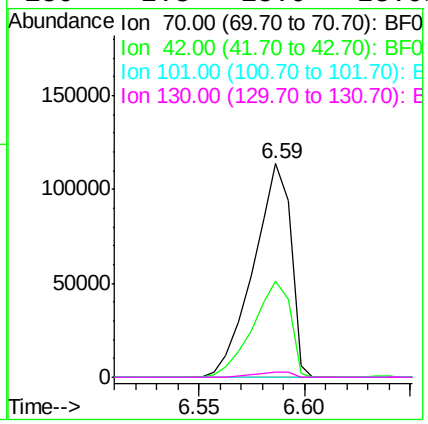


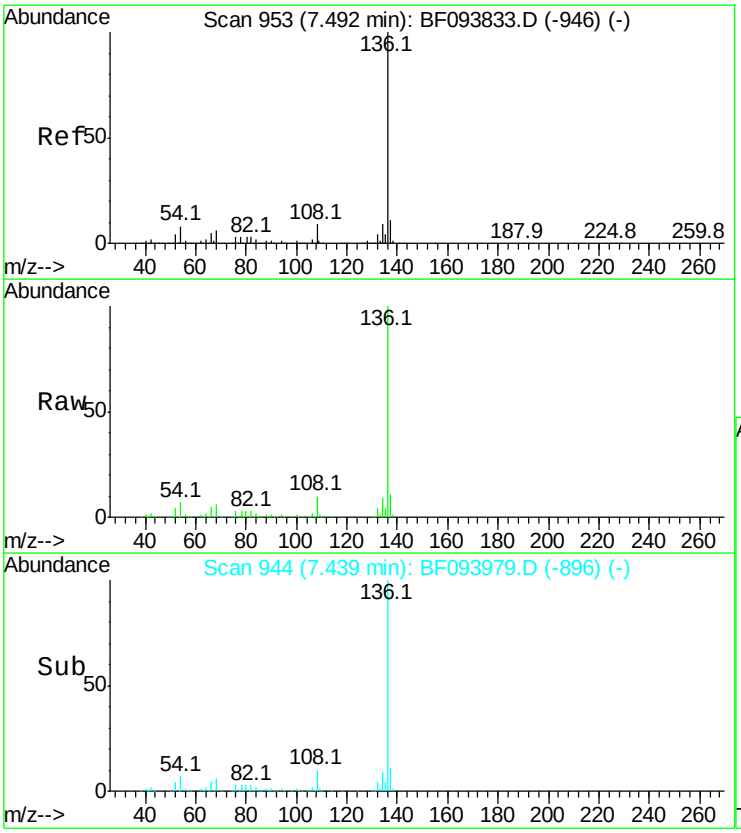
#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 6.59 min Scan# 799
Delta R.T. 0.15 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 139965

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

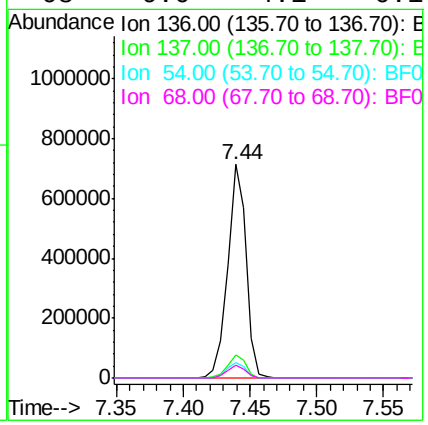


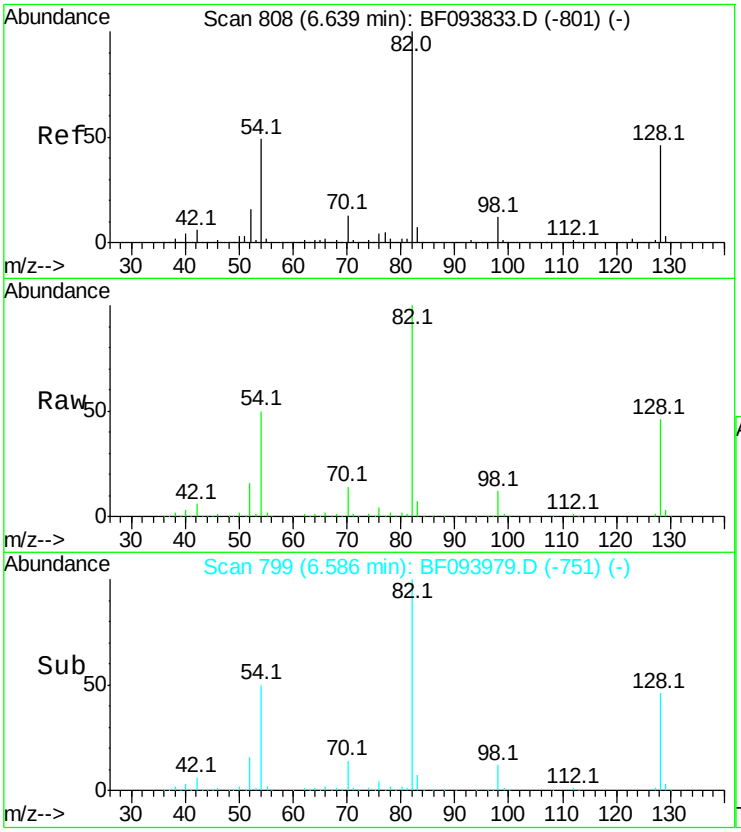


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:136 Resp: 696087

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	6.0	4.1	6.1



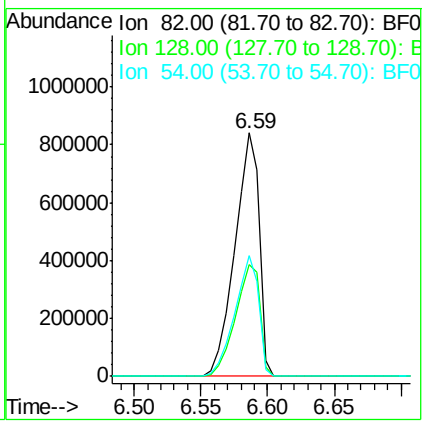


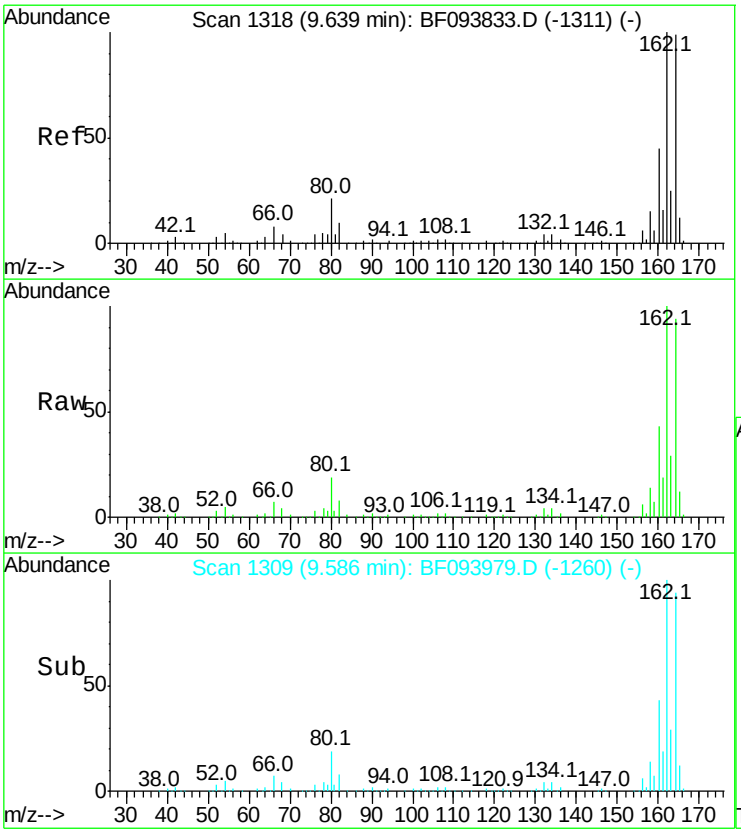
#23
Nitrobenzene-d5
Concen: 86.81 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1058891

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	49.8	42.2	63.2

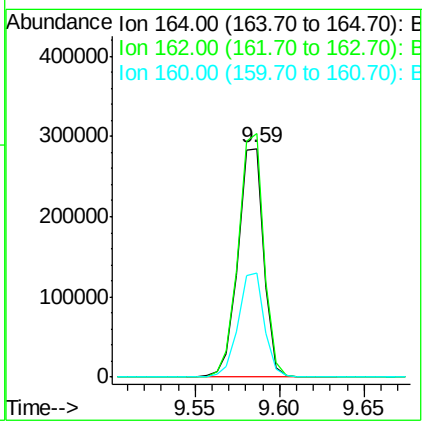


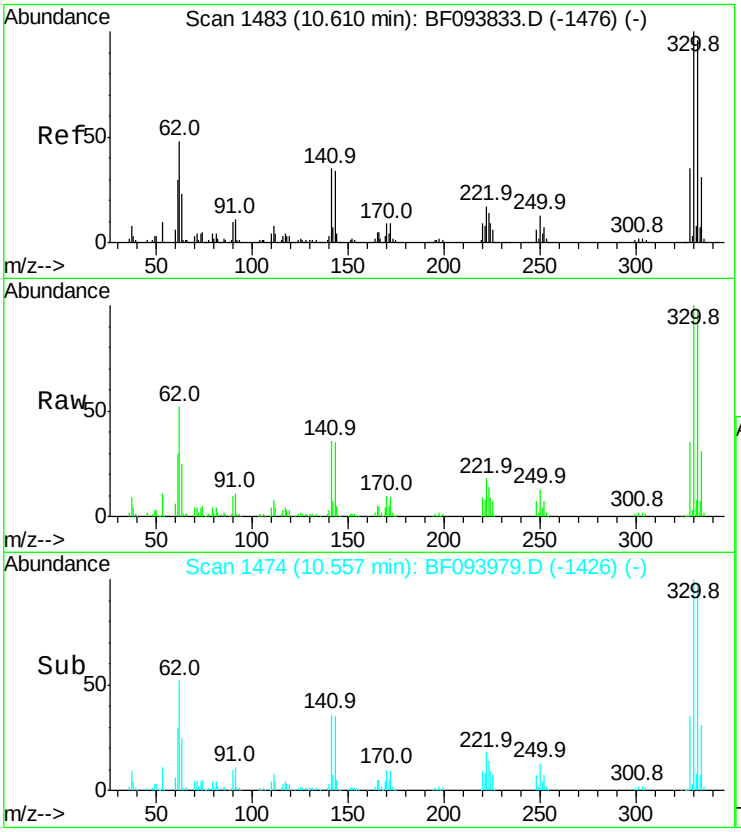


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:164 Resp: 303301

Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	123.8
160	45.8	36.2	54.2



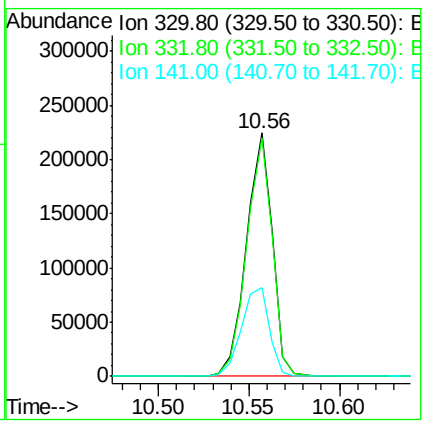


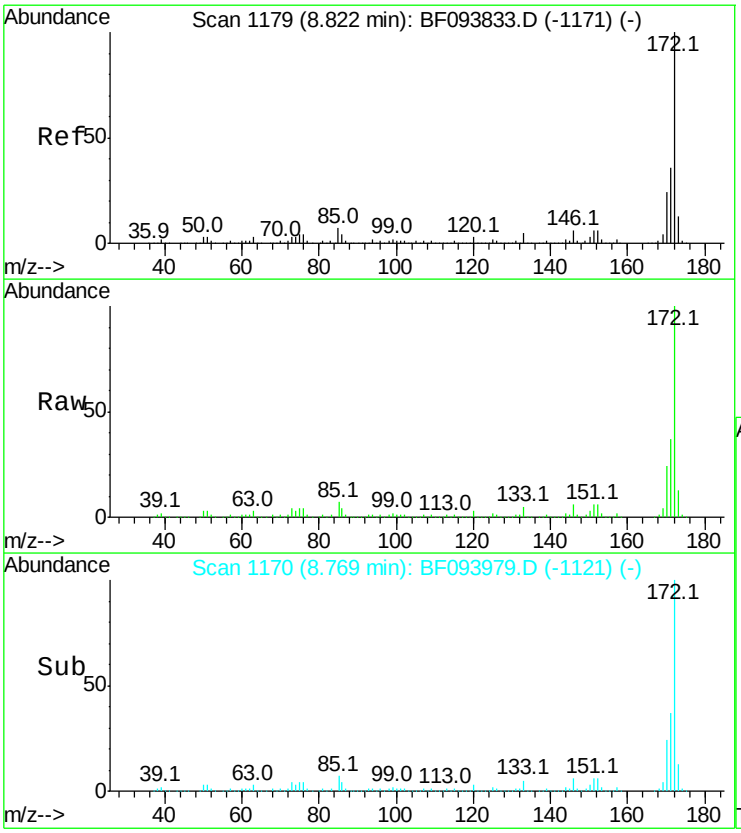
#41
2,4,6-Tribromophenol
Concen: 93.02 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 222939

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	39.6	31.4	47.2

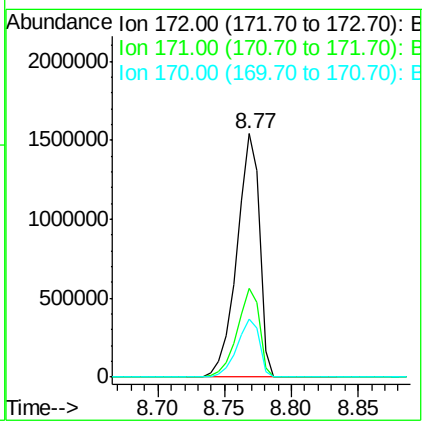


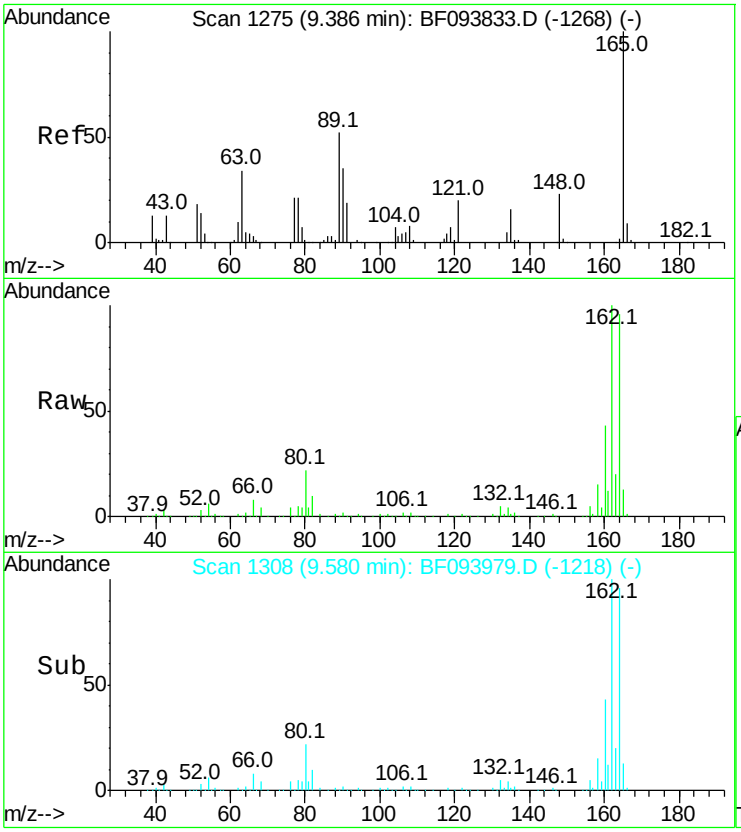


#44
2-Fluorobiphenyl
Concen: 90.99 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:172 Resp: 1809291

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	19.8	29.8



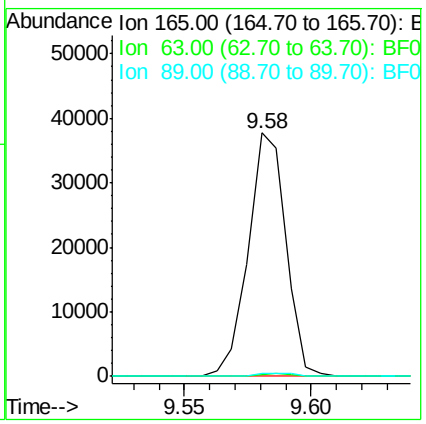


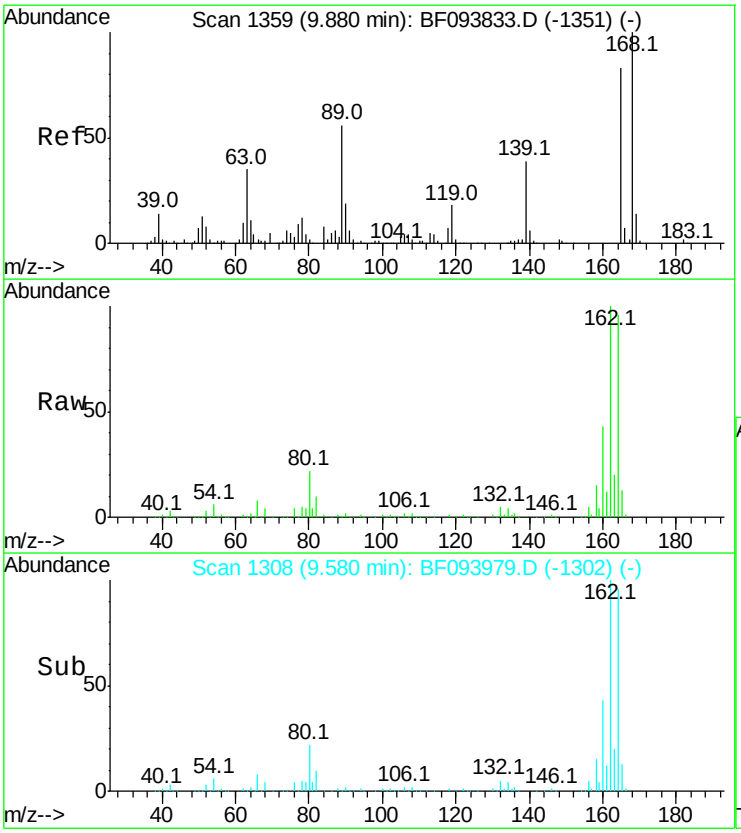
#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.58 min Scan# 1308
Delta R.T. 0.23 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 39180

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.3	51.5#
89	1.1	37.1	55.7#

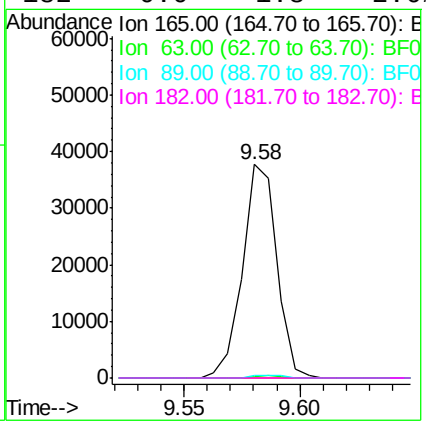


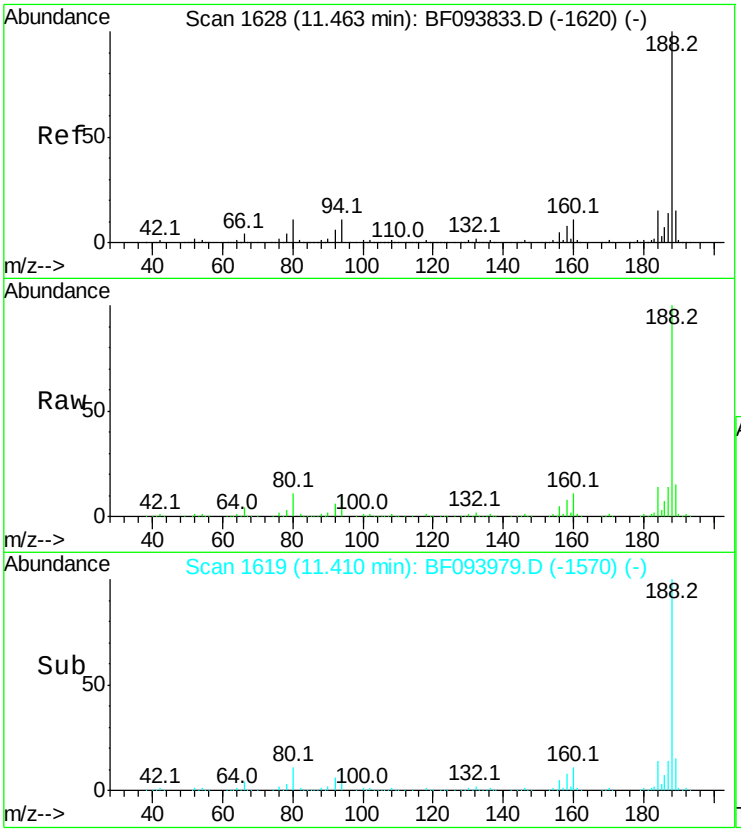


#56
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.26 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:165 Resp: 39181

Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



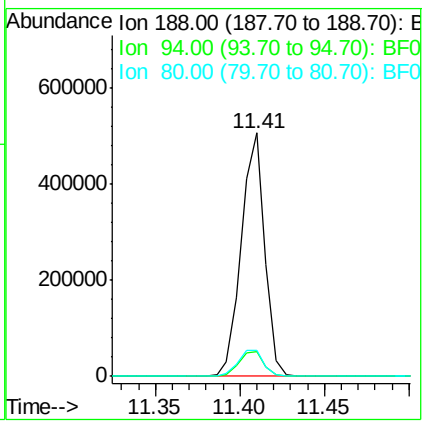


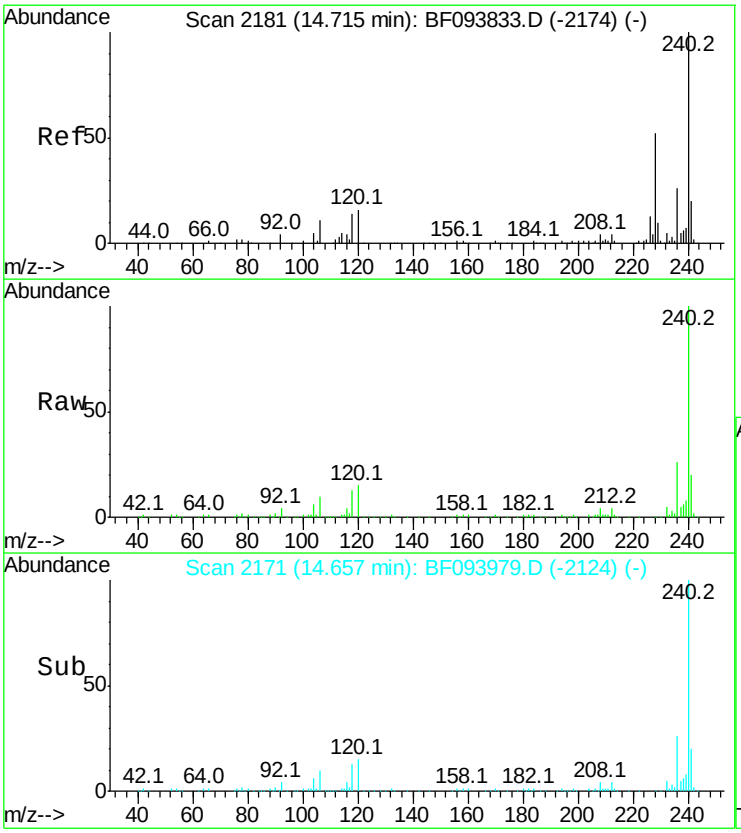
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 490259

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.7	10.2	15.2

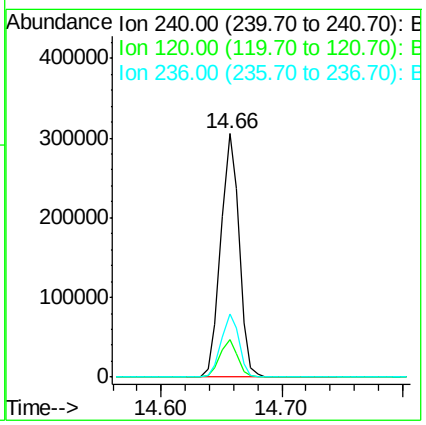


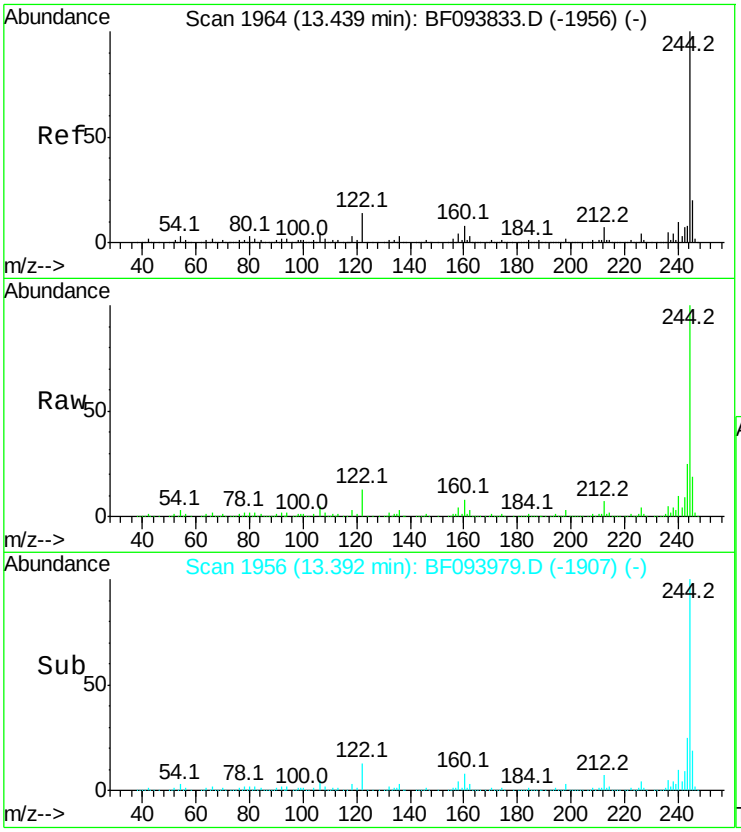


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:240 Resp: 319974

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.8	20.5	30.7



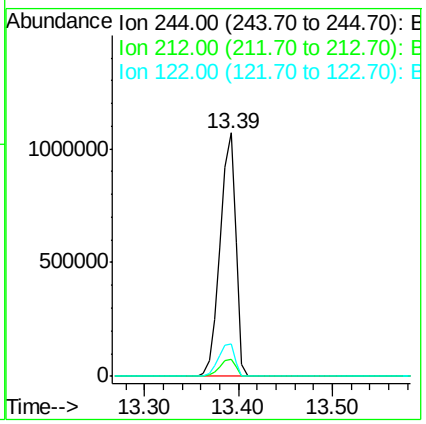


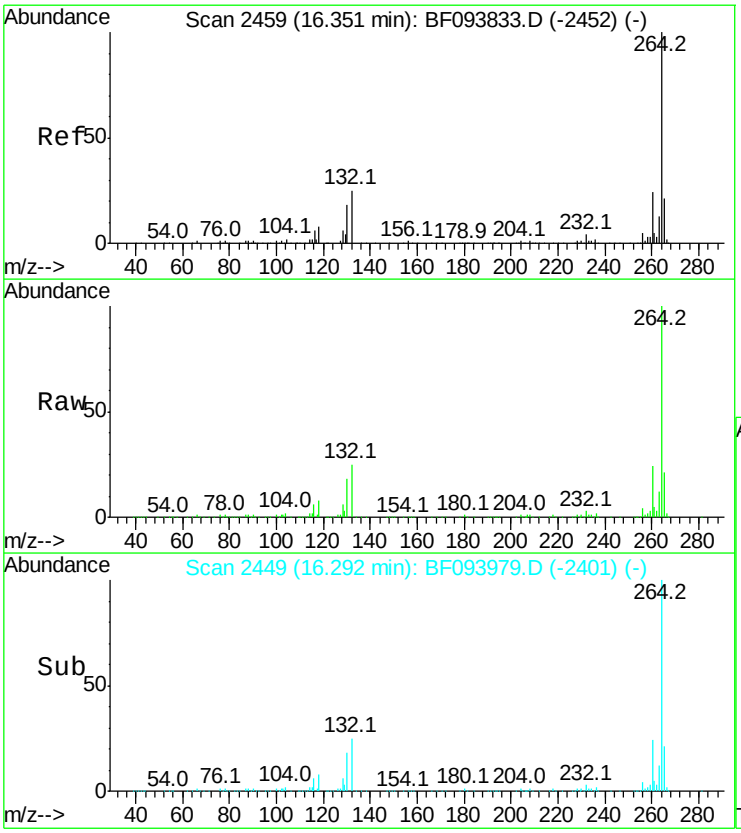
#78
Terphenyl-d14
Concen: 87.69 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1251813

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093979.D
Acq: 28 Mar 2017 8:24

Tgt Ion:264 Resp: 291760

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.2	17.2	25.8