Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093981.D
Acq On : 28 Mar 2017 9:19
Operator : SJ/MA
Sample : I2388-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 13:33:24 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	5.94	152	173980	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	694837	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	303226	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	497577	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	334323	20.00	ng	-0.02
86) Perylene-d12	16.29	264	294615	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	562777	54.63	ng	-0.01
7) Phenol-d6	5.53	99	460714	36.15	ng	-0.02
23) Nitrobenzene-d5	6.59	82	985952	80.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	213466	89.09	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1721024	86.57	ng	-0.01
78) Terphenyl-d14	13.39	244	1199886	80.45	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.59	70	131206	16.02	ng	# 78
50) 2,6-Dinitrotoluene	9.59	165	38897	7.87	ng	# 34
56) 2,4-Dinitrotoluene	9.59	165	38898	6.27	ng	# 33

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
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Acq On : 28 Mar 2017 9:19
Operator : SJ/MA
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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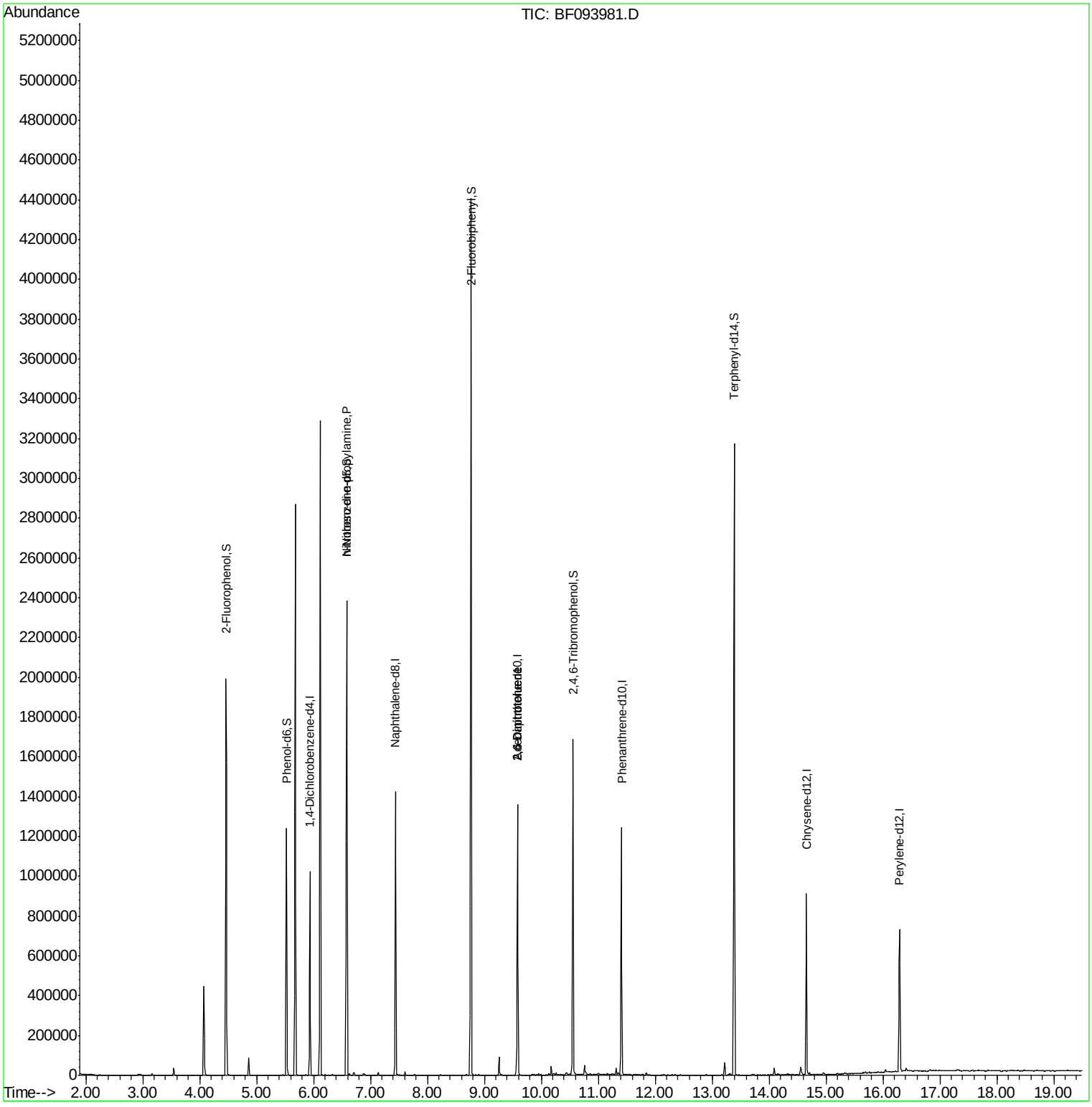
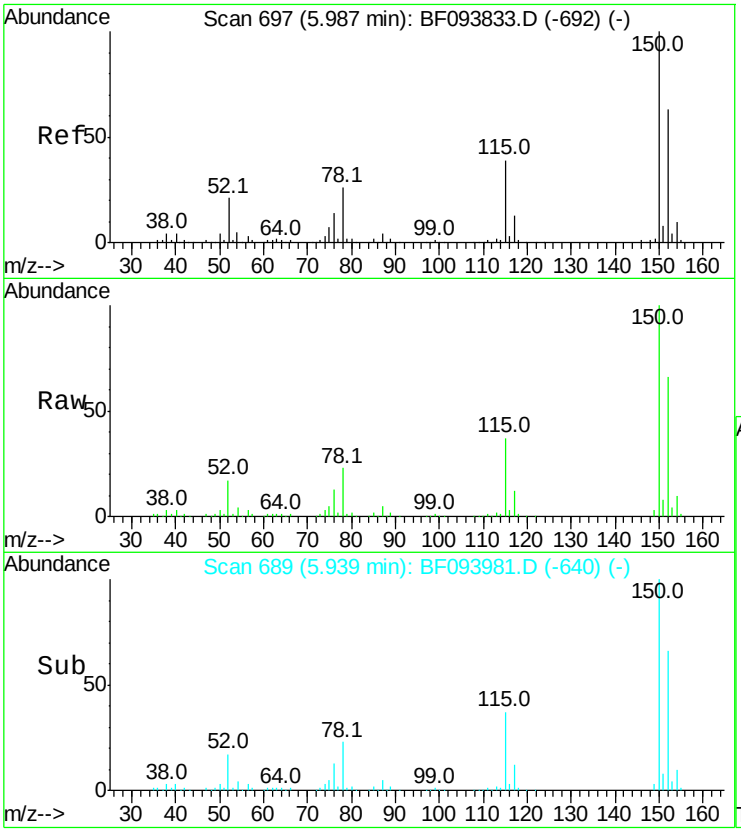


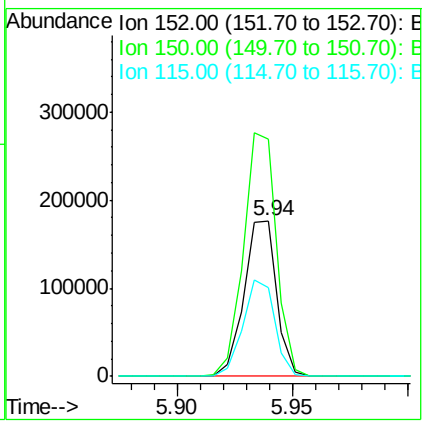


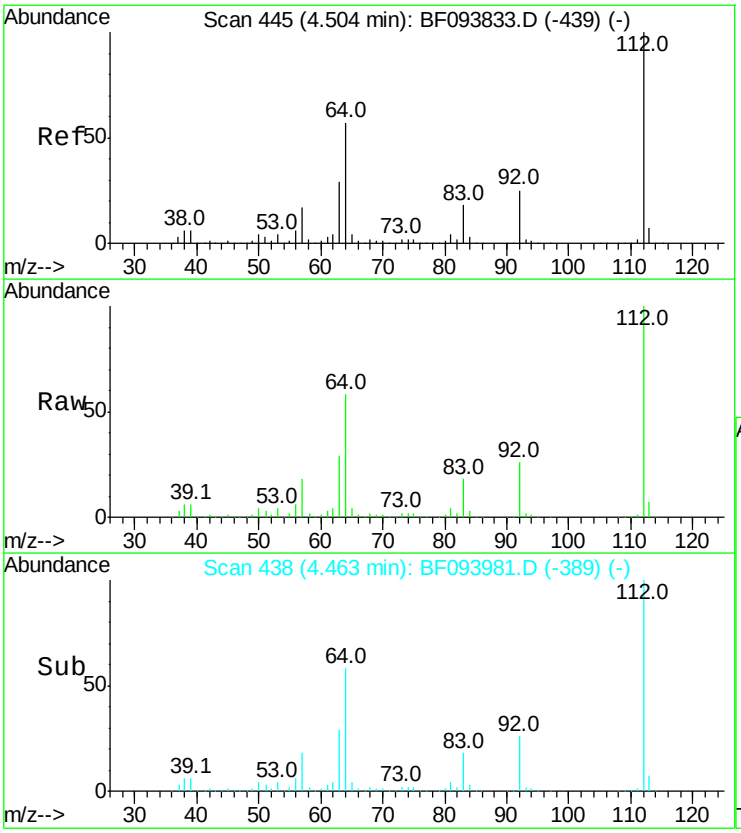
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173980

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.2
115	56.8	52.2	78.2

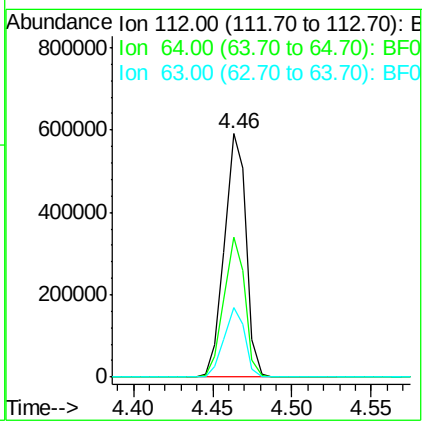


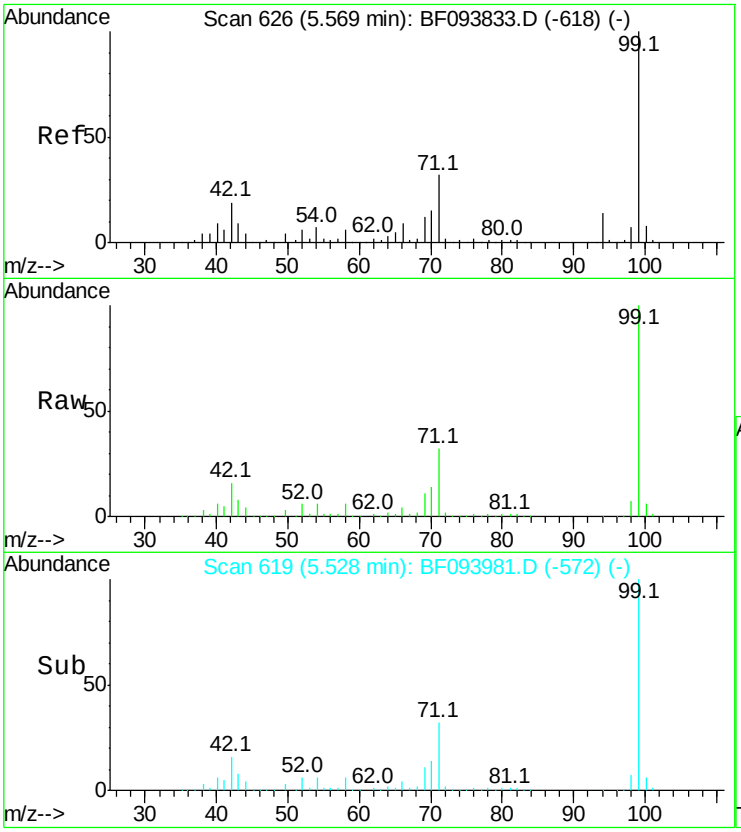


#5
2-Fluorophenol
Concen: 54.63 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion:112 Resp: 562777

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.0	69.0
63	28.7	23.4	35.0



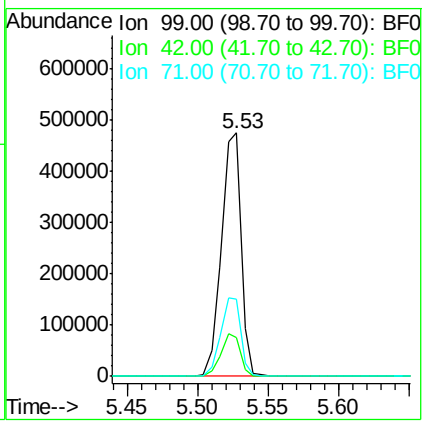


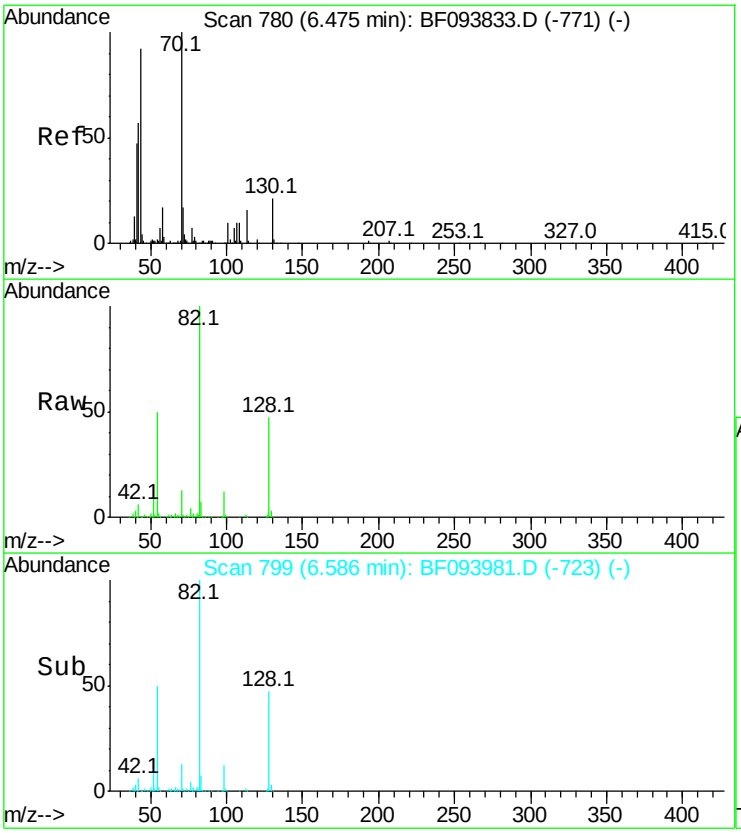
#7
Phenol-d6
Concen: 36.15 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 460714

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	31.9	24.5	36.7

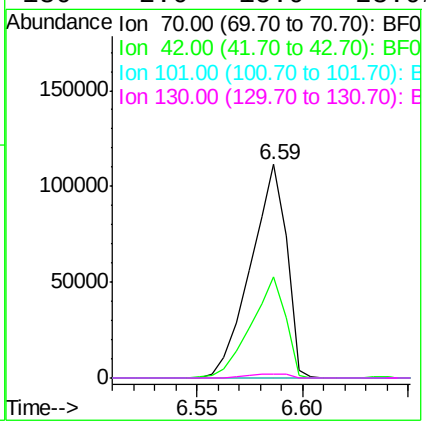


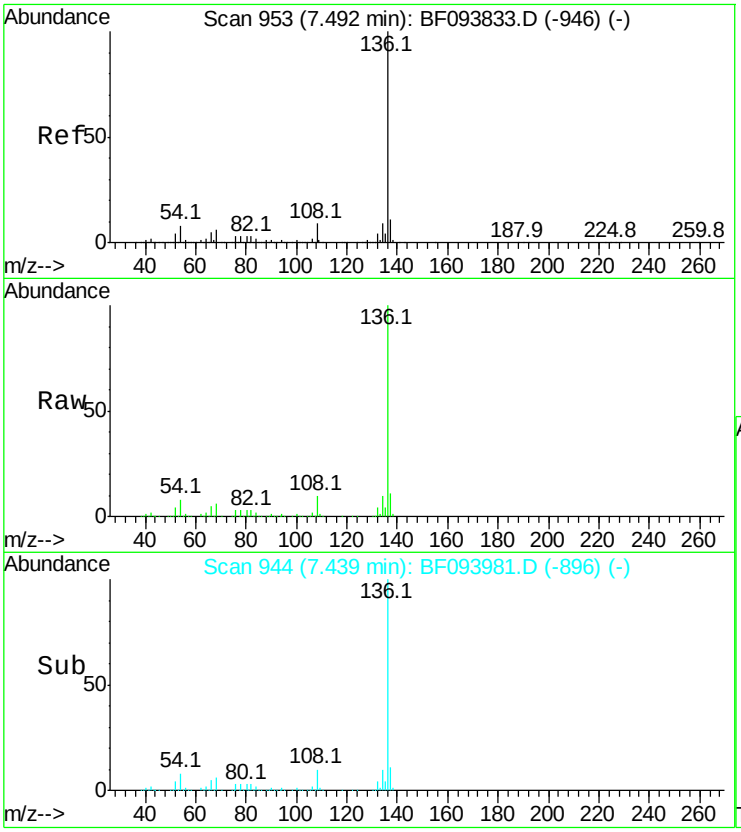


#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 6.59 min Scan# 799
Delta R.T. 0.15 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion: 70 Resp: 131206

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



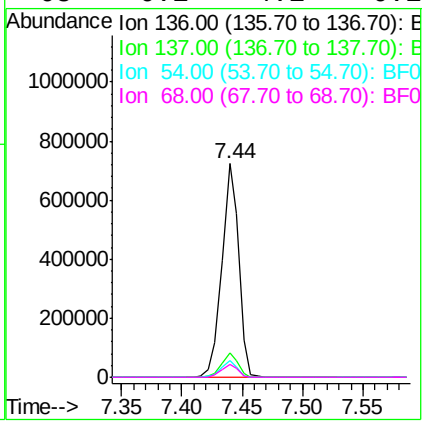


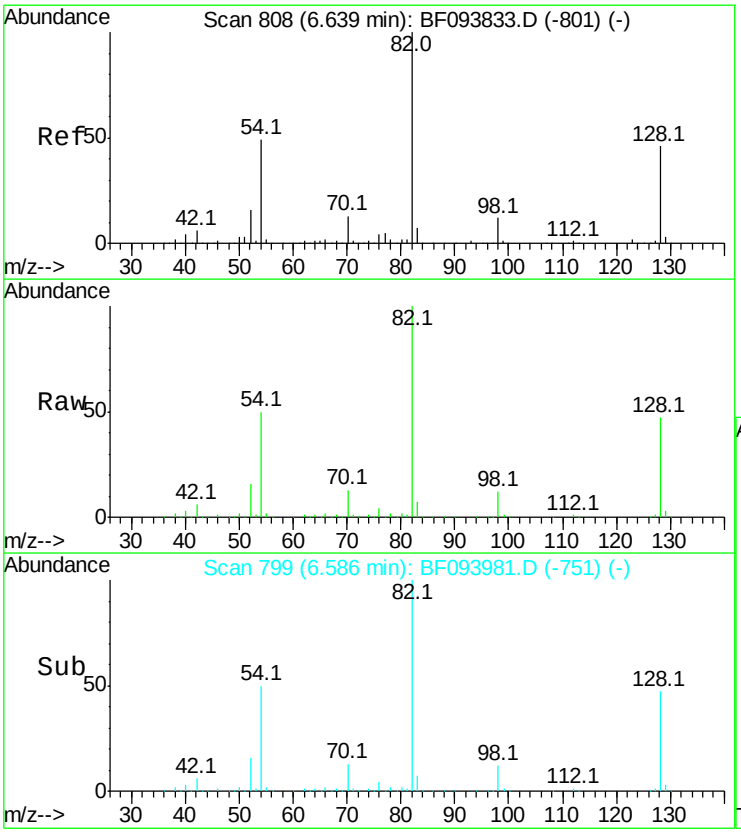
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 694837

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.8	4.9	7.3#
68	6.1	4.1	6.1

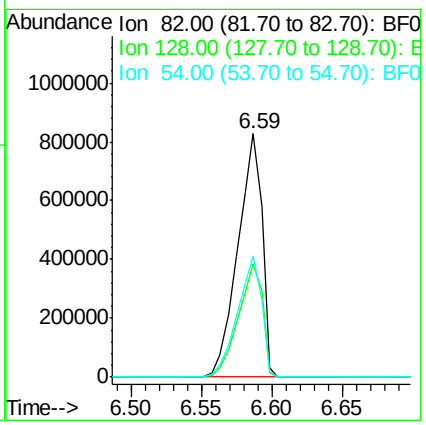


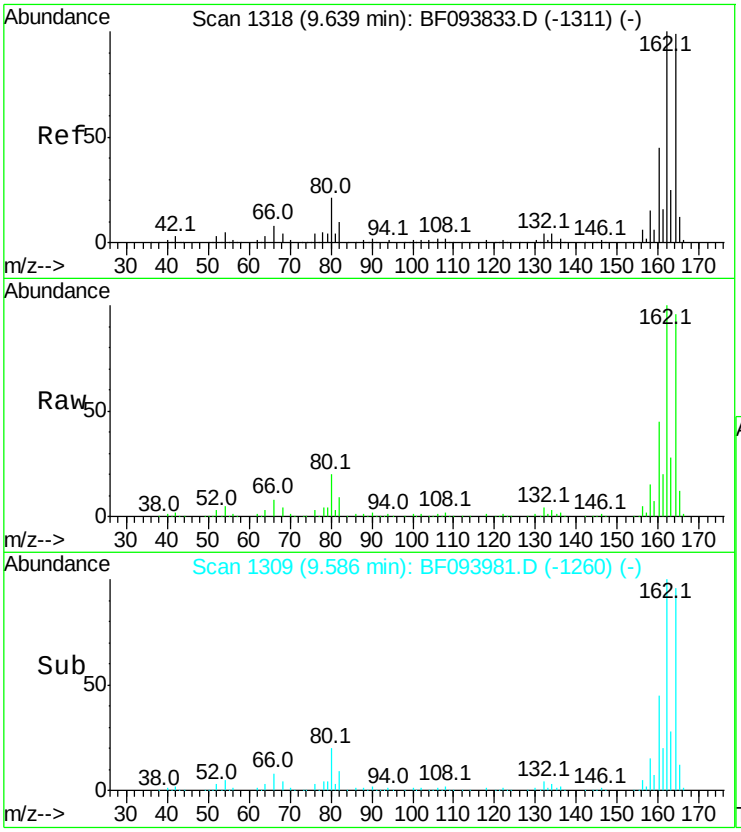


#23
Nitrobenzene-d5
Concen: 80.98 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion: 82 Resp: 985952

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	49.7	42.2	63.2



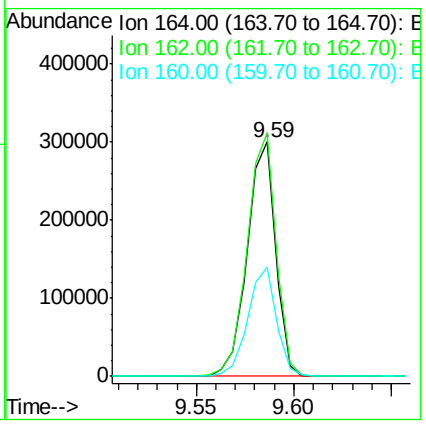


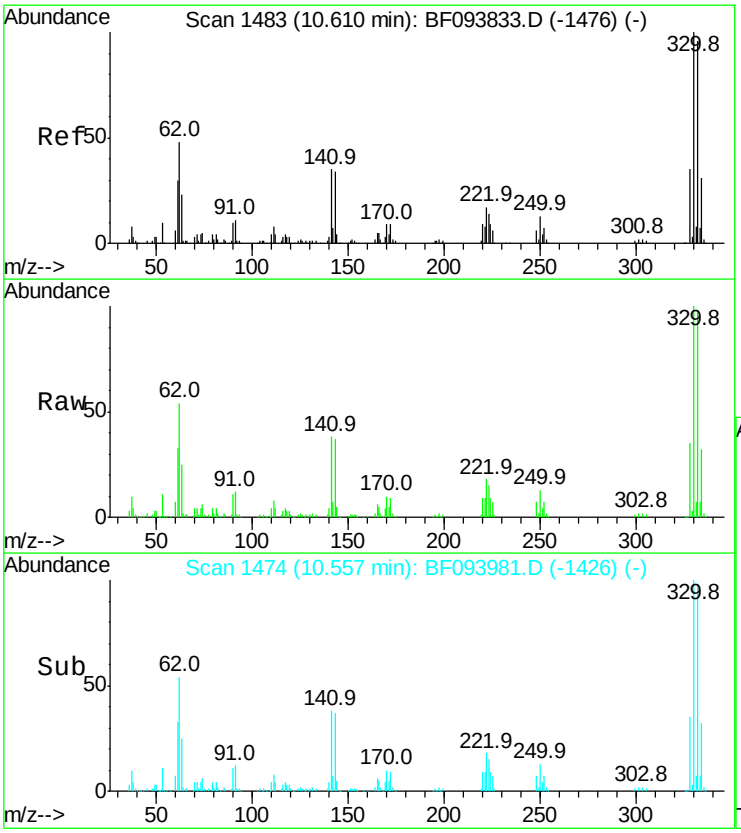
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 303226

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.8	36.2	54.2

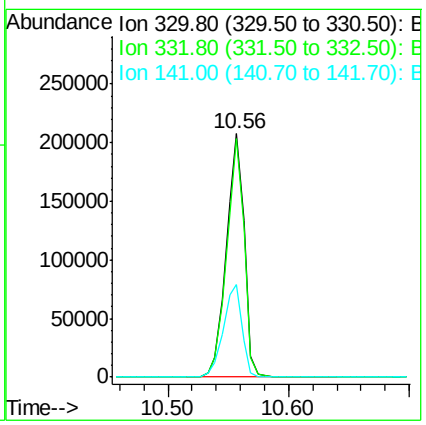


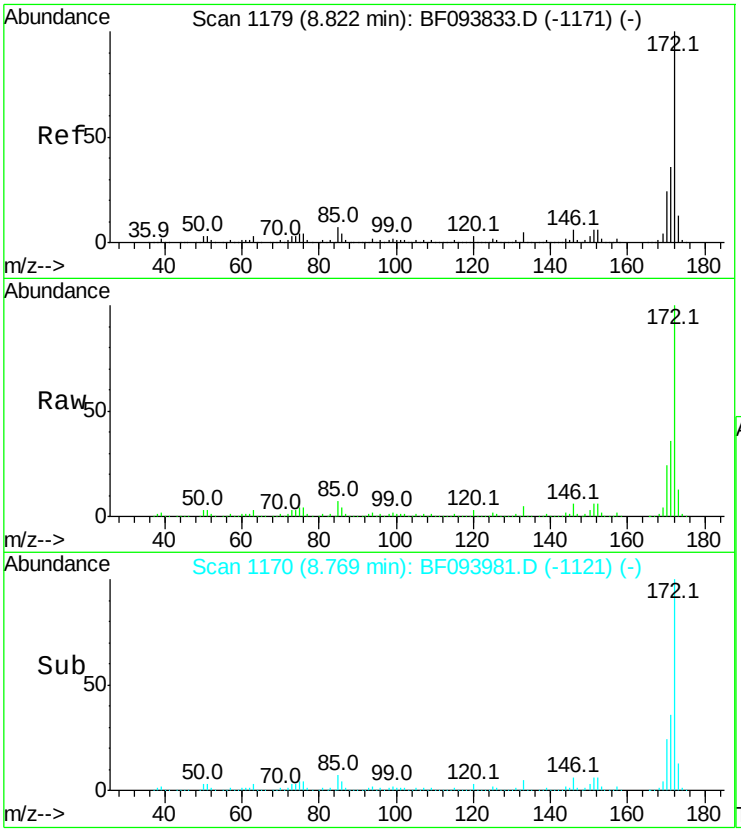


#41
2,4,6-Tribromophenol
Concen: 89.09 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion:330 Resp: 213466

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.3	31.4	47.2



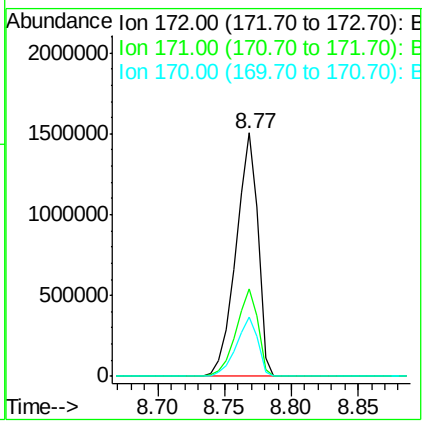


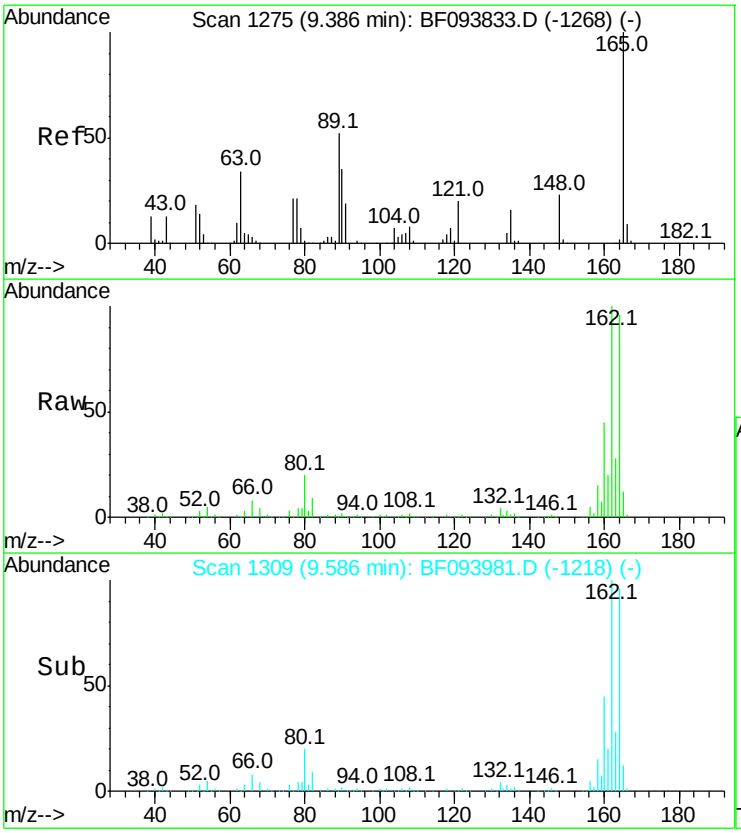
#44
2-Fluorobiphenyl
Concen: 86.57 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1721024

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8

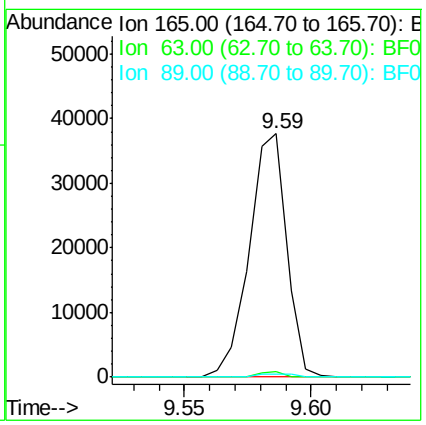


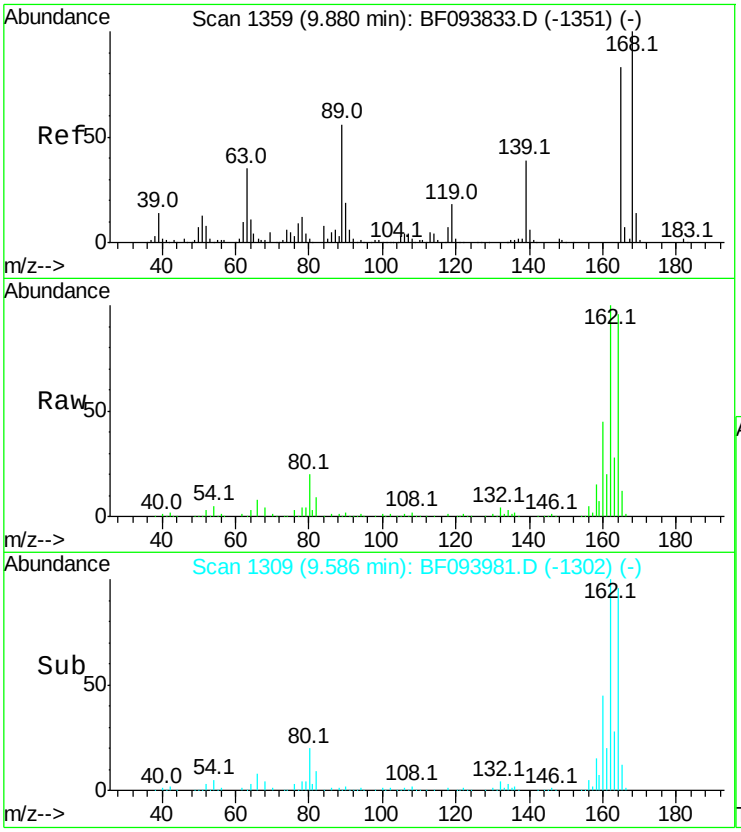


#50
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 9.59 min Scan# 1309
Delta R.T. 0.24 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion:165 Resp: 38897

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.4	37.1	55.7#



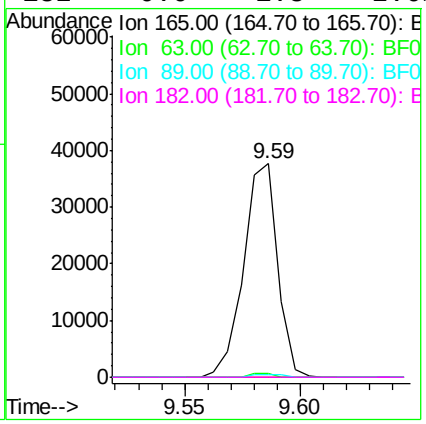


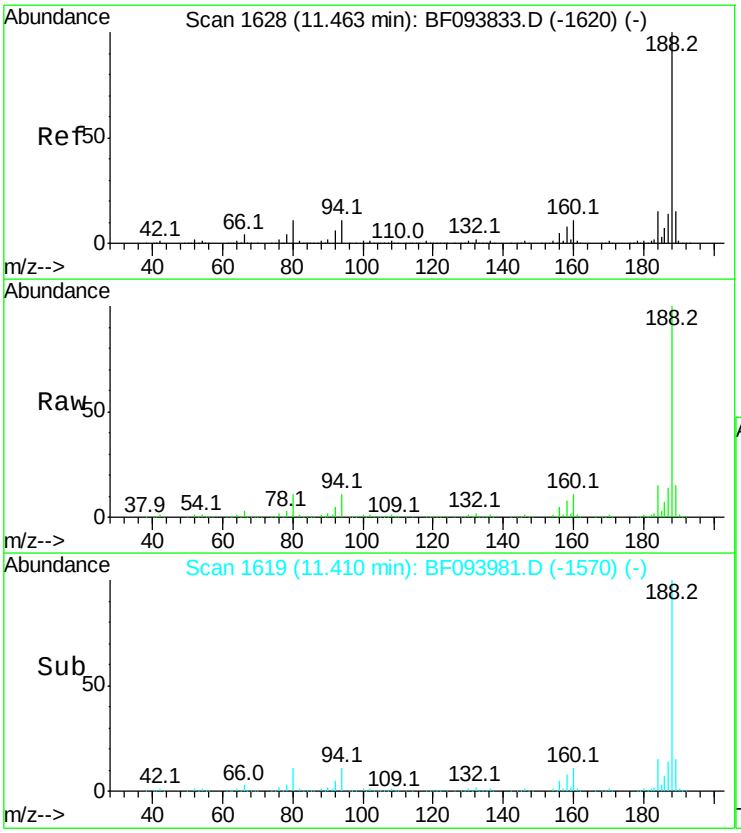
#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.26 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38898

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

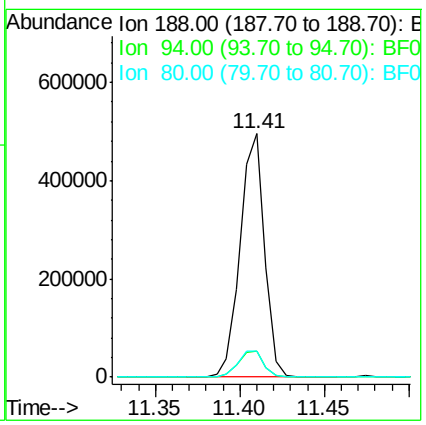


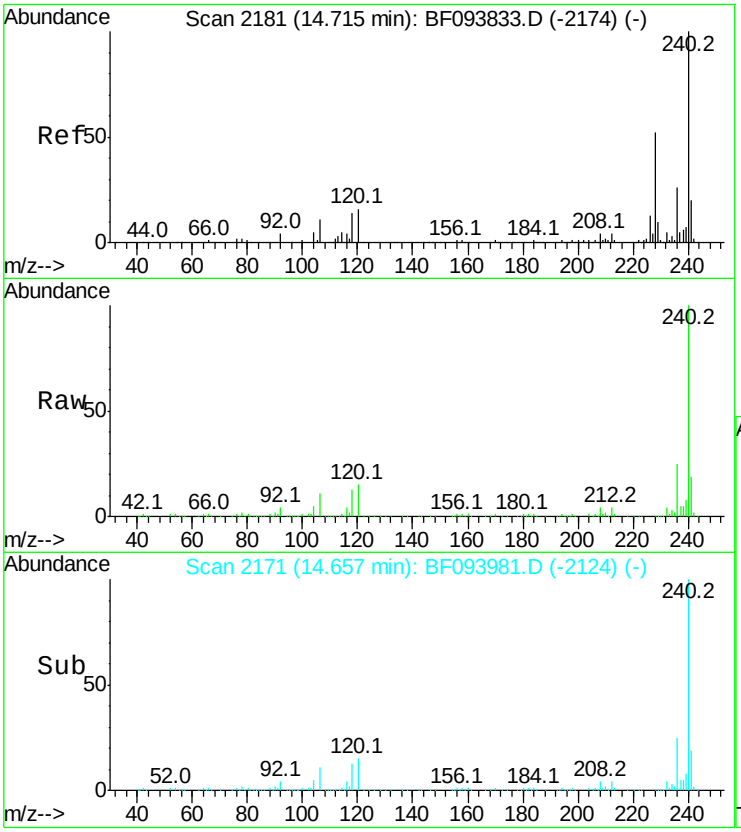


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion:188 Resp: 497577

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.8	10.2	15.2



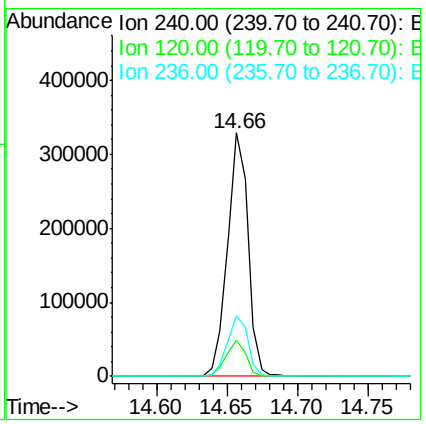


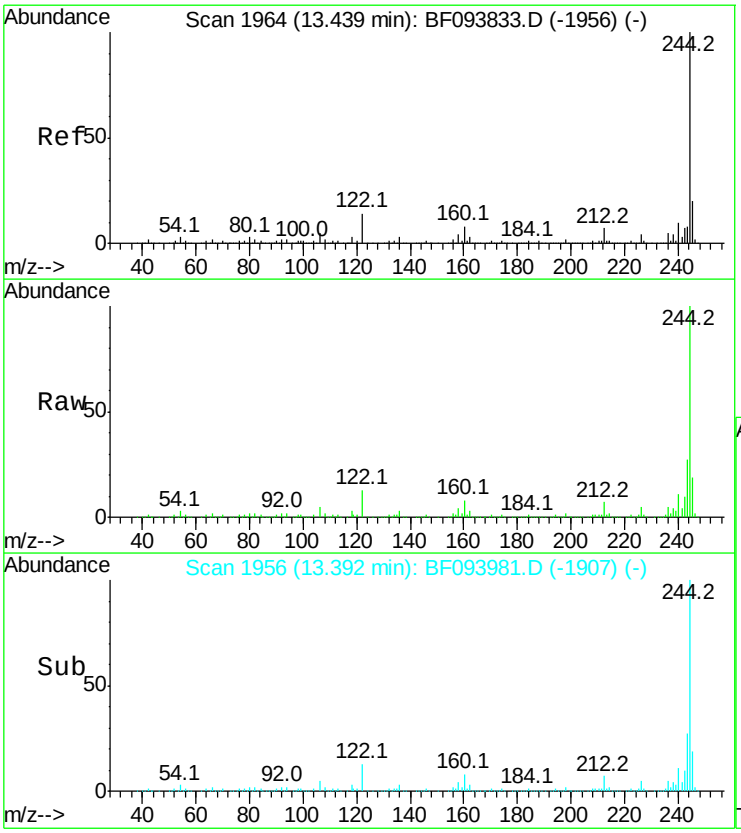
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 334323

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	24.7	20.5	30.7

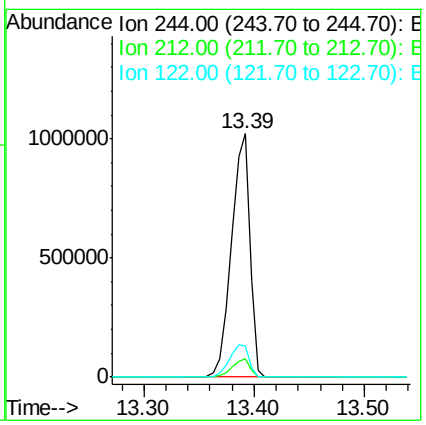


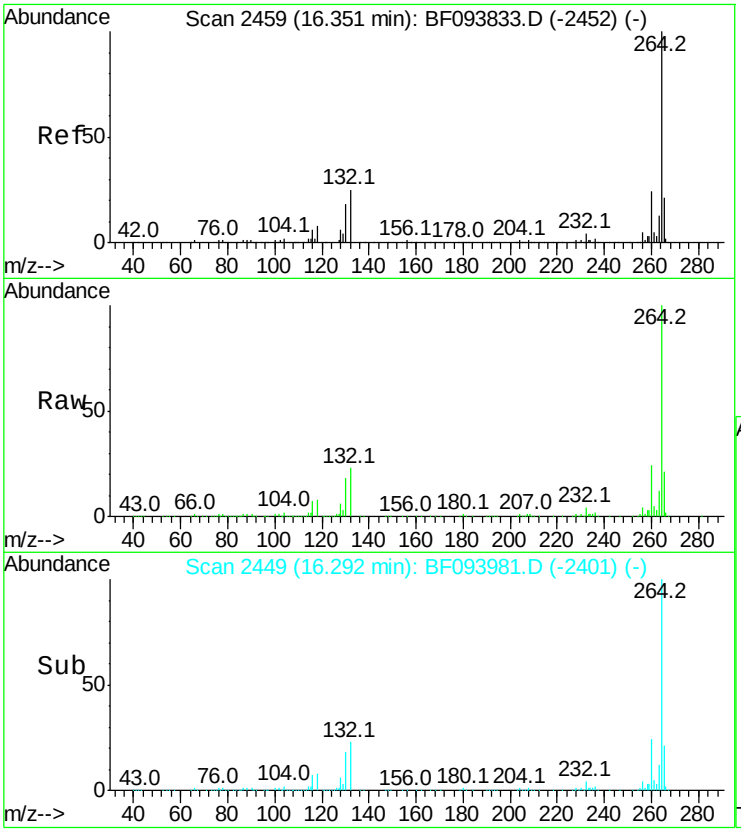


#78
Terphenyl-d14
Concen: 80.45 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093981.D
Acq: 28 Mar 2017 9:19

Tgt Ion:244 Resp: 1199886

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.9	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: BF093981.D
Acq: 28 Mar 2017 9:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 294615

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.0	17.2	25.8