Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093982.D
Acq On : 28 Mar 2017 9:47
Operator : SJ/MA
Sample : I2428-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 13:34:59 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	171756	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	686410	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	301841	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	479544	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	307048	20.00	ng	-0.02
86) Perylene-d12	16.29	264	270551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	342039	33.64	ng	-0.01
7) Phenol-d6	5.52	99	261714	20.80	ng	-0.03
23) Nitrobenzene-d5	6.59	82	941258	78.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	167044	70.03	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1633316	82.53	ng	-0.01
78) Terphenyl-d14	13.39	244	1010293	73.75	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	6.59	70	122873	15.20	ng	# 80
50) 2,6-Dinitrotoluene	9.58	165	37887	7.70	ng	# 33
56) 2,4-Dinitrotoluene	9.58	165	37887	6.13	ng	# 32

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

Quantitation Report (Not Reviewed)

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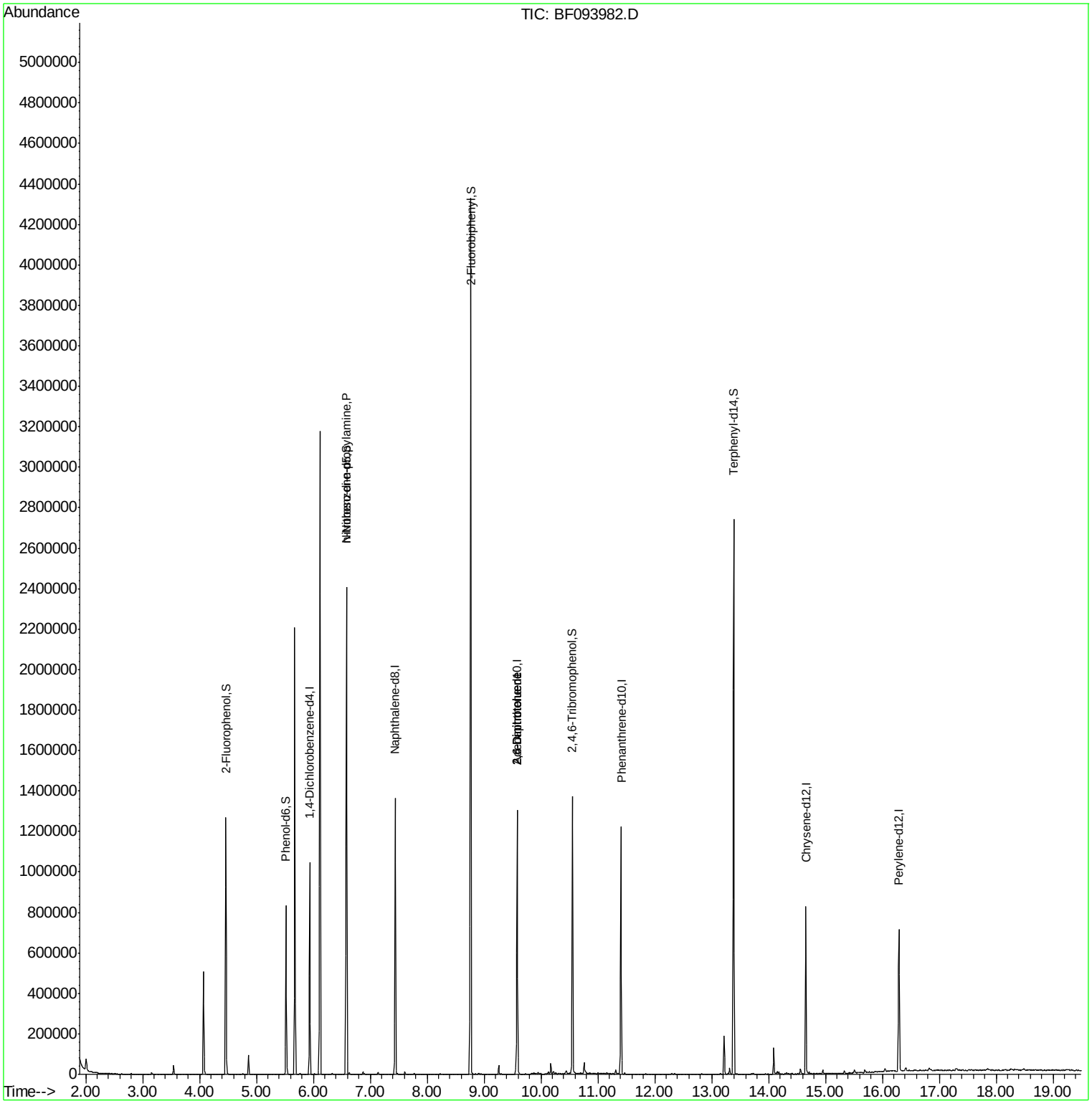
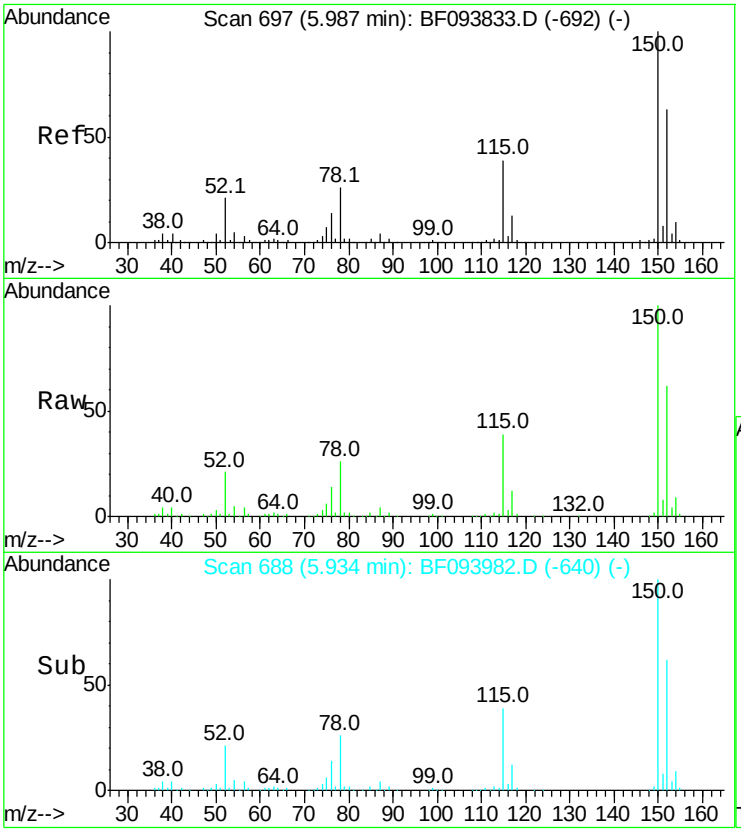


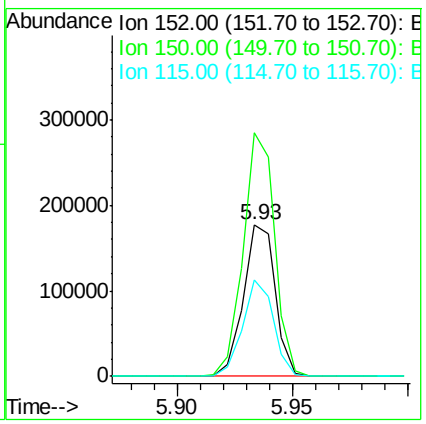


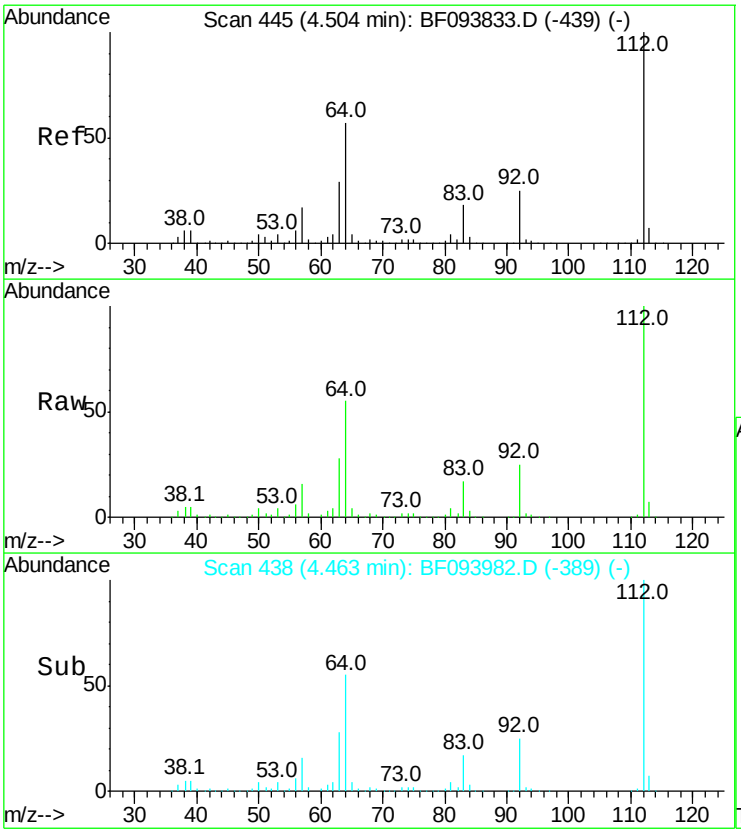
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171756

Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	63.3	52.2	78.2

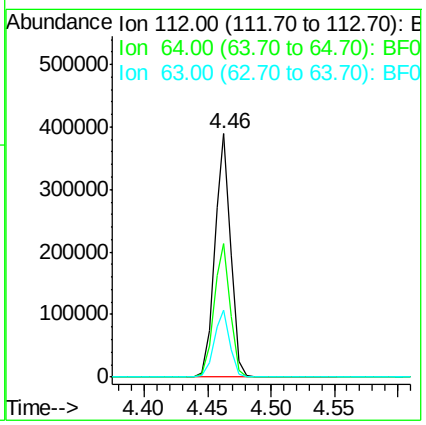


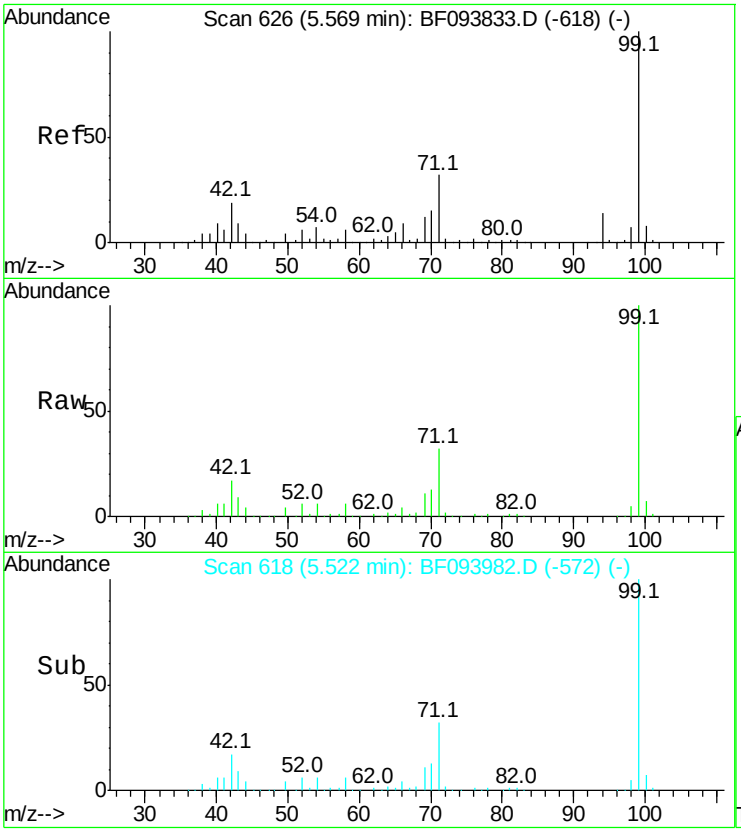


#5
2-Fluorophenol
Concen: 33.64 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion:112 Resp: 342039

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.6	23.4	35.0



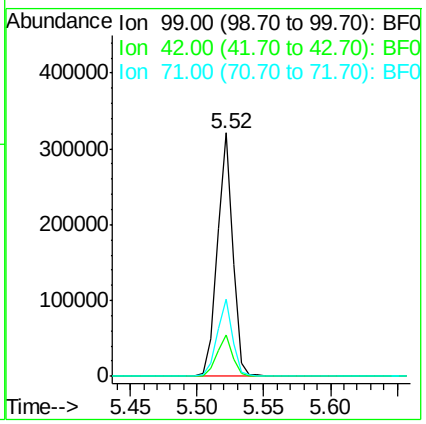


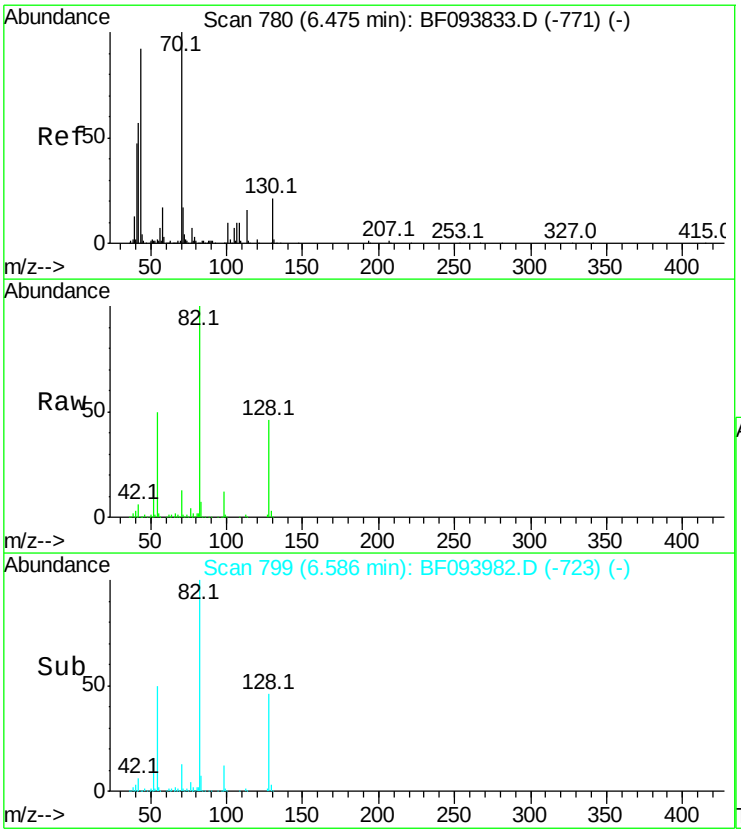
#7
Phenol-d6
Concen: 20.80 ng
RT: 5.52 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 261714

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	31.6	24.5	36.7

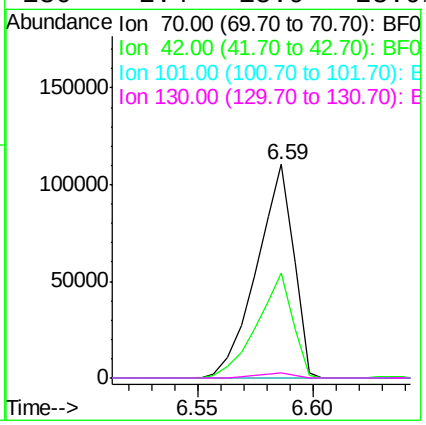


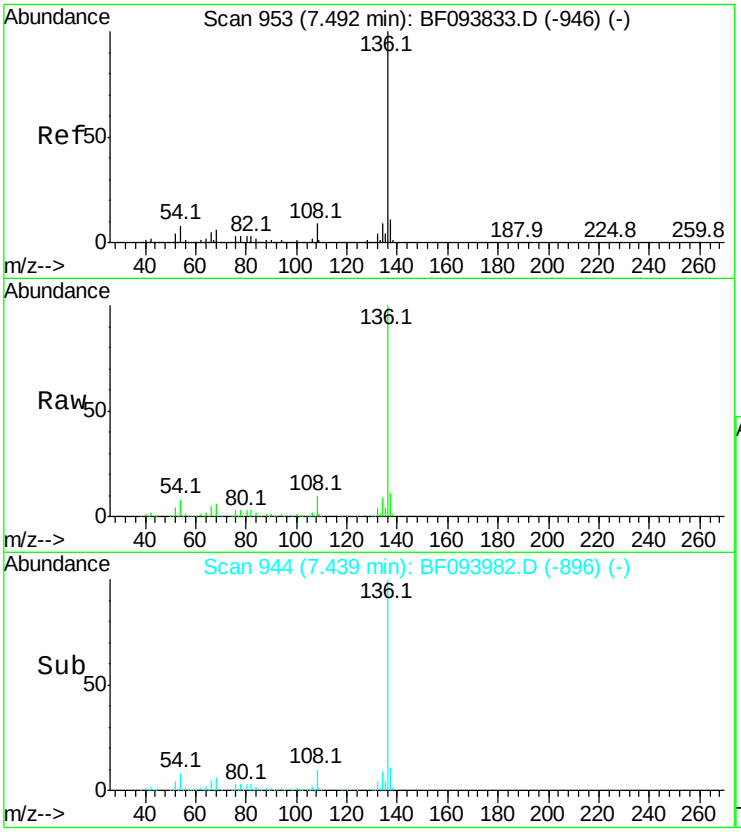


#19
n-Nitroso-di-n-propylamine
Concen: 15.20 ng
RT: 6.59 min Scan# 799
Delta R.T. 0.15 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion: 70 Resp: 122873

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



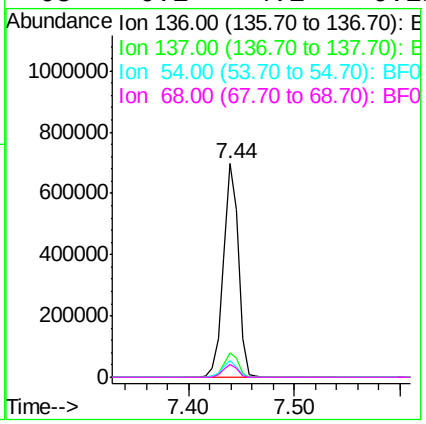


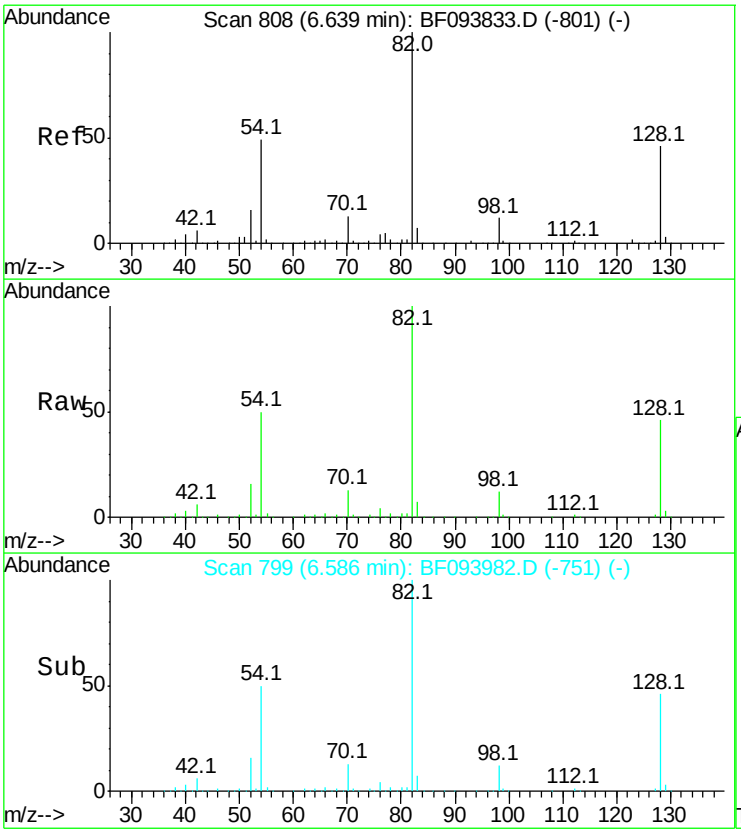
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 686410

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1#

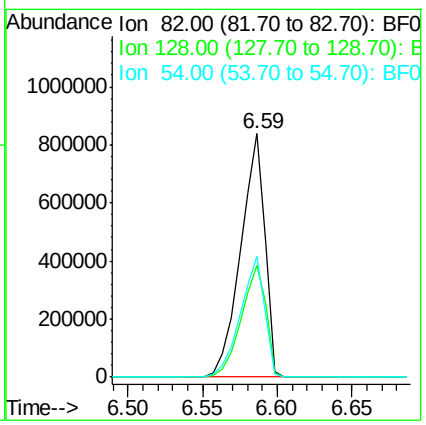


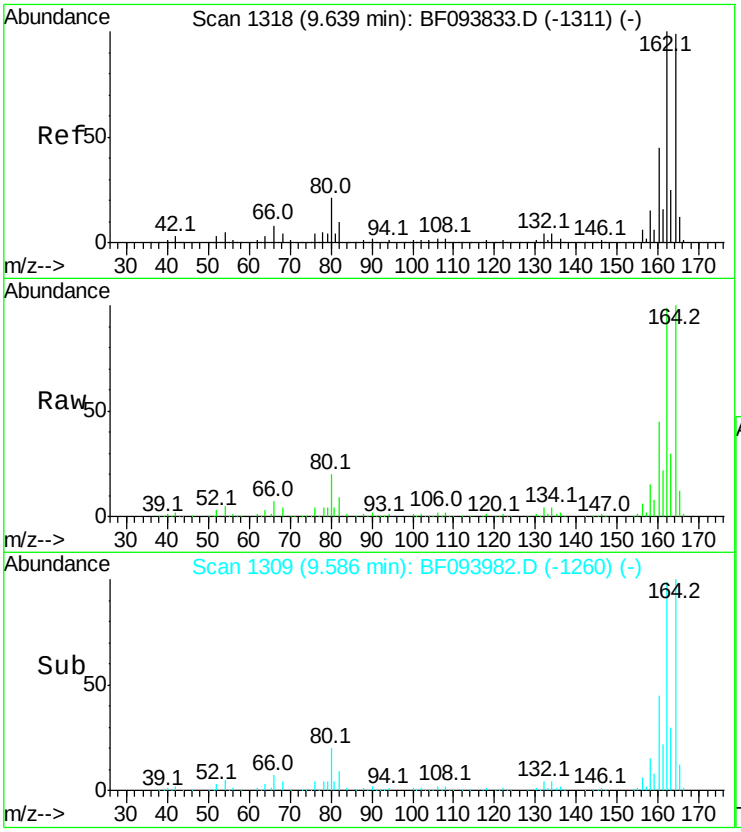


#23
Nitrobenzene-d5
Concen: 78.26 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion: 82 Resp: 941258

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	49.5	42.2	63.2



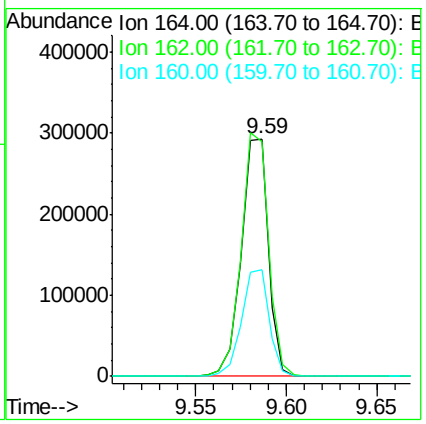


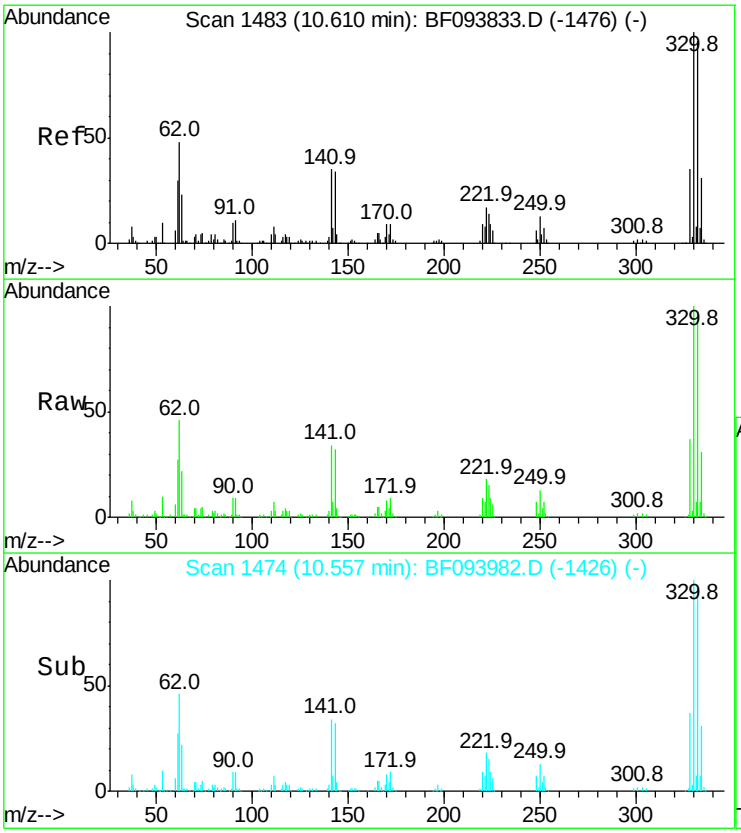
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 301841

Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.6	123.8
160	44.8	36.2	54.2

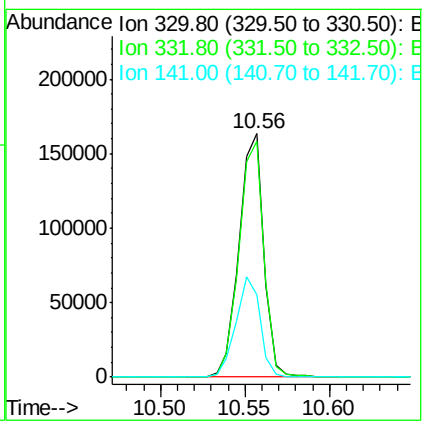


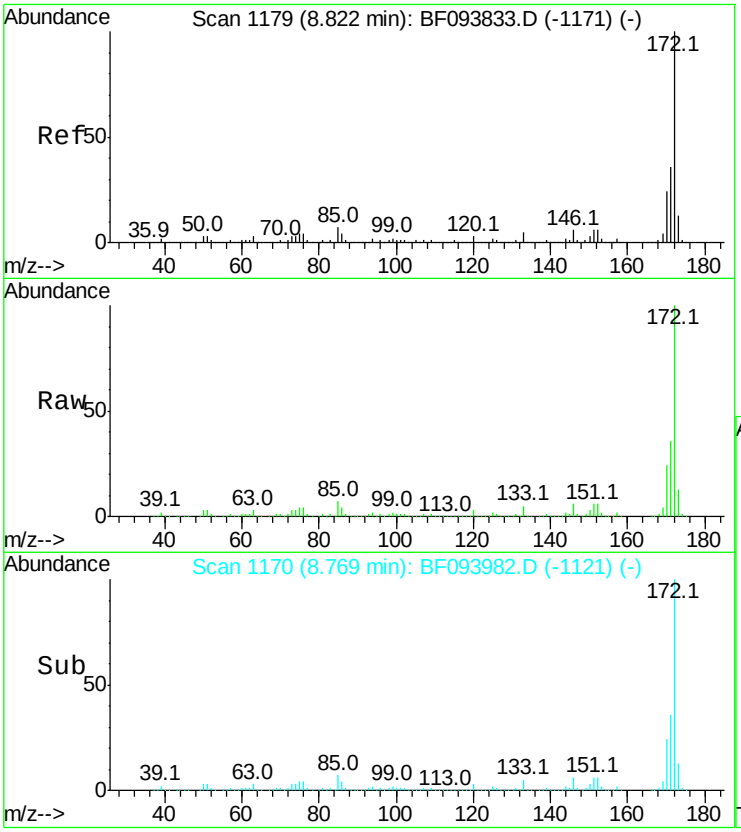


#41
2,4,6-Tribromophenol
Concen: 70.03 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion:330 Resp: 167044

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	40.5	31.4	47.2



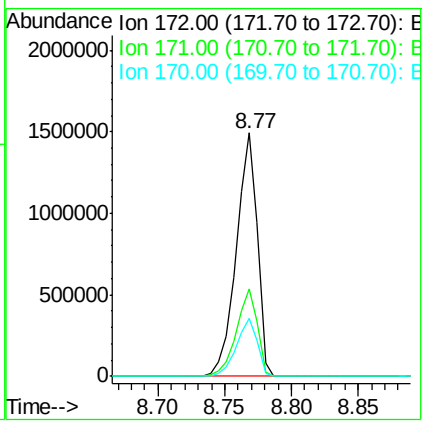


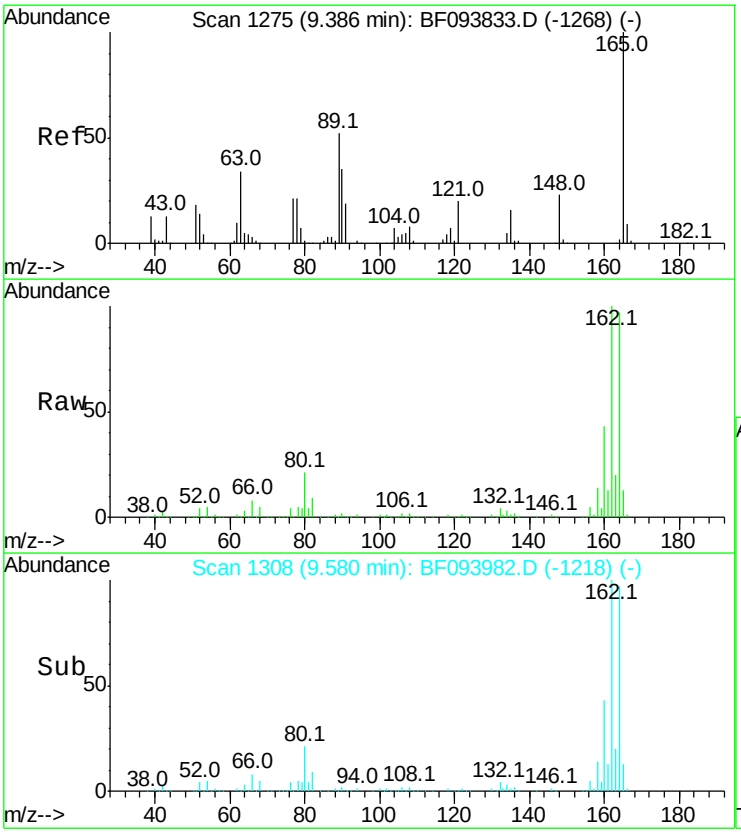
#44
2-Fluorobiphenyl
Concen: 82.53 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1633316

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

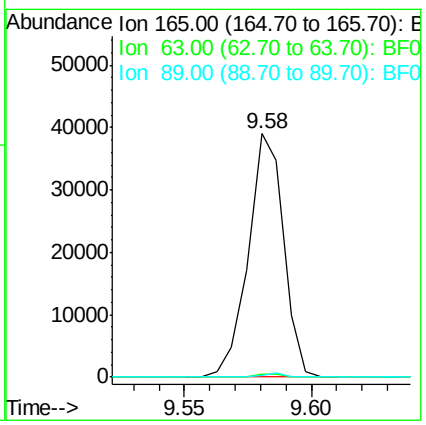


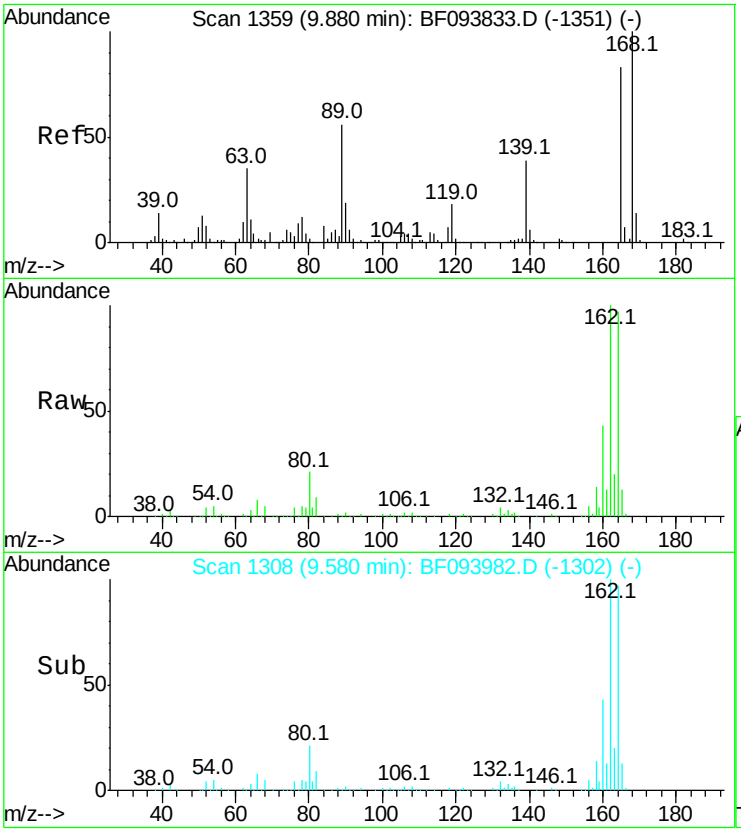


#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.58 min Scan# 1308
Delta R.T. 0.23 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion:165 Resp: 37887

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



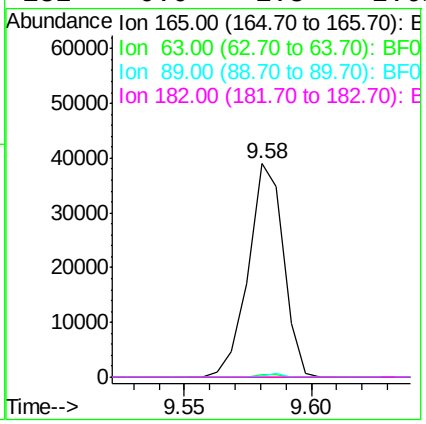


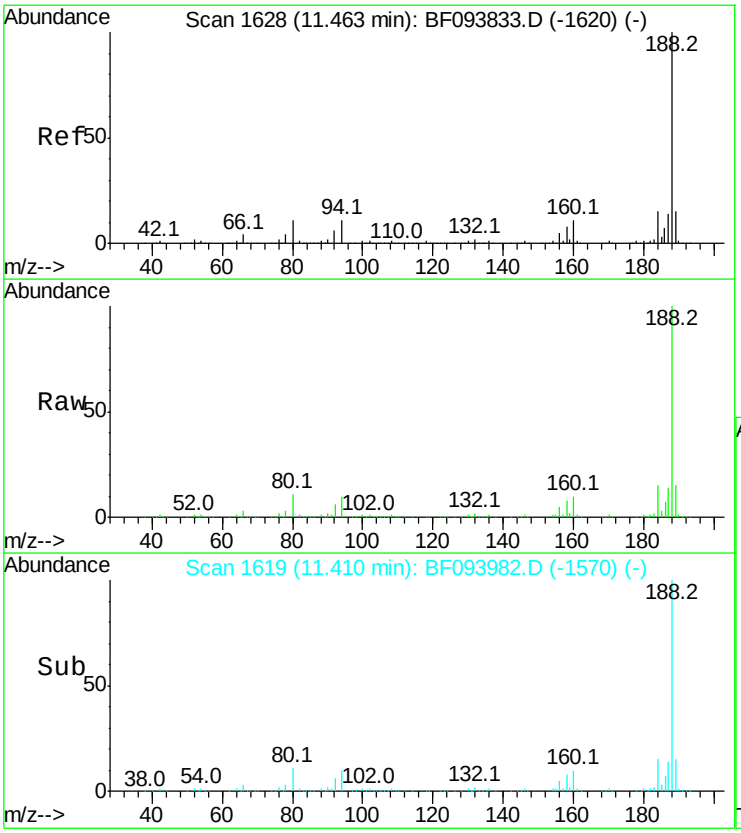
#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.26 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37887

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

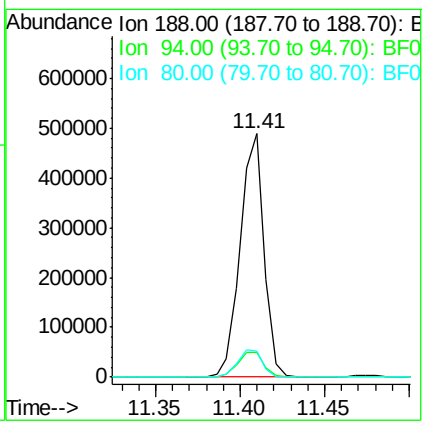


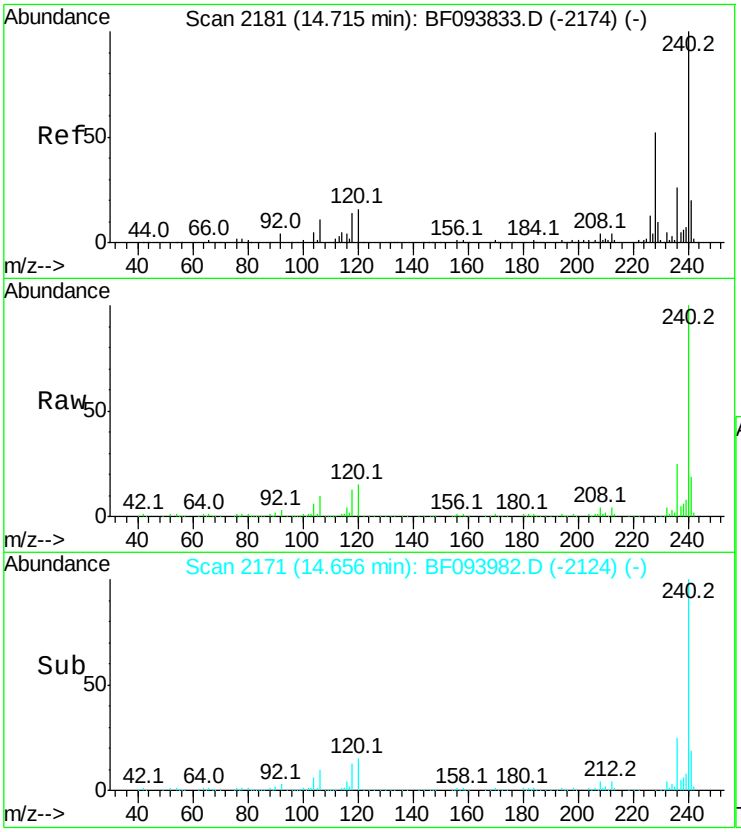


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion:188 Resp: 479544

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2



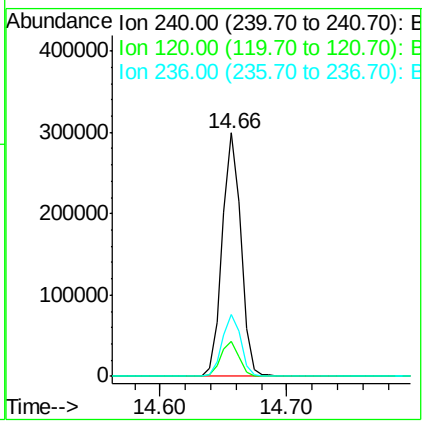


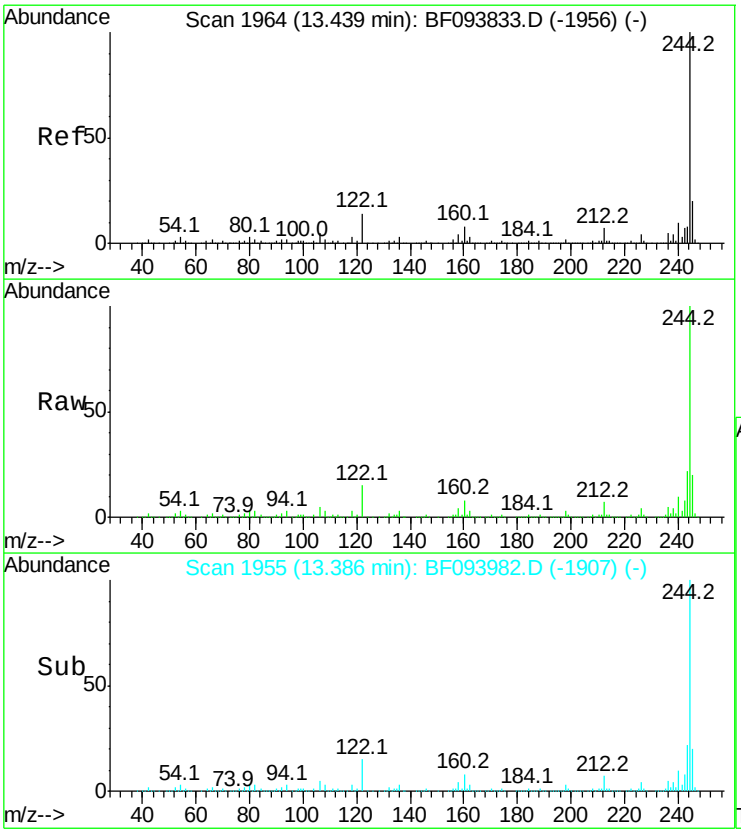
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 307048

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.4	20.5	30.7

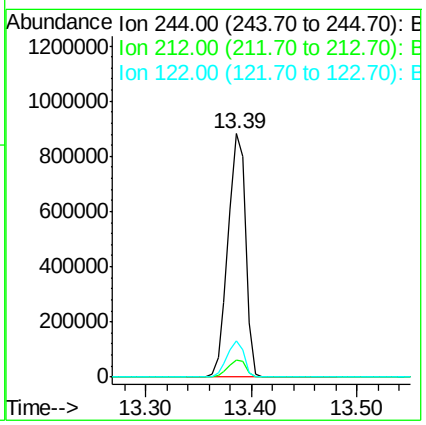


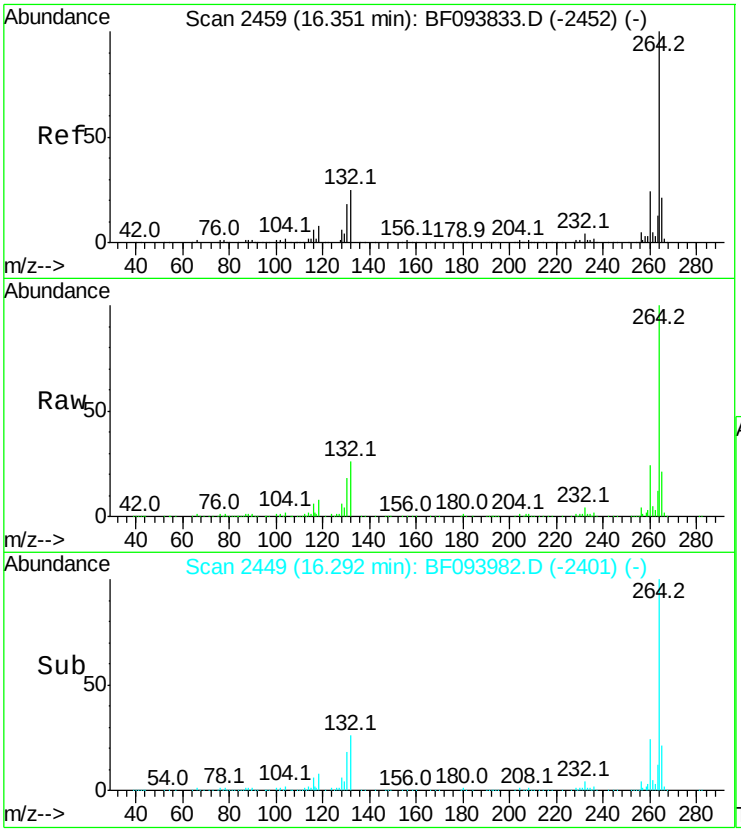


#78
Terphenyl-d14
Concen: 73.75 ng
RT: 13.39 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BF093982.D
Acq: 28 Mar 2017 9:47

Tgt Ion:244 Resp: 1010293

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	15.0	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: BF093982.D
Acq: 28 Mar 2017 9:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 270551

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.0	17.2	25.8