Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
Data File : BF093630.D
Acq On : 14 Mar 2017 2:02
Operator : SJ/MA
Sample : I2199-22
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-89

Quant Time: Mar 14 02:26:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	169932	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	679154	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	325813	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	636566	20.00	ng	0.00
75) Chrysene-d12	13.90	240	492664	20.00	ng	0.01
86) Perylene-d12	15.31	264	280035	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1480667	145.02	ng	0.00
7) Phenol-d6	6.37	99	1838231	142.77	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1211830	99.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	377847	178.00	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1964397	112.15	ng	0.00
78) Terphenyl-d14	12.84	244	1710957	90.29	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	2462	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	19440	2.12	ng	# 45
19) n-Nitroso-di-n-propylamine	7.28	70	159047	17.97	ng	# 86
25) Isophorone	7.28	82	1186879	48.08	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	42087	8.88	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	42088	7.23	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	26499	3.94	ng	# 1

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

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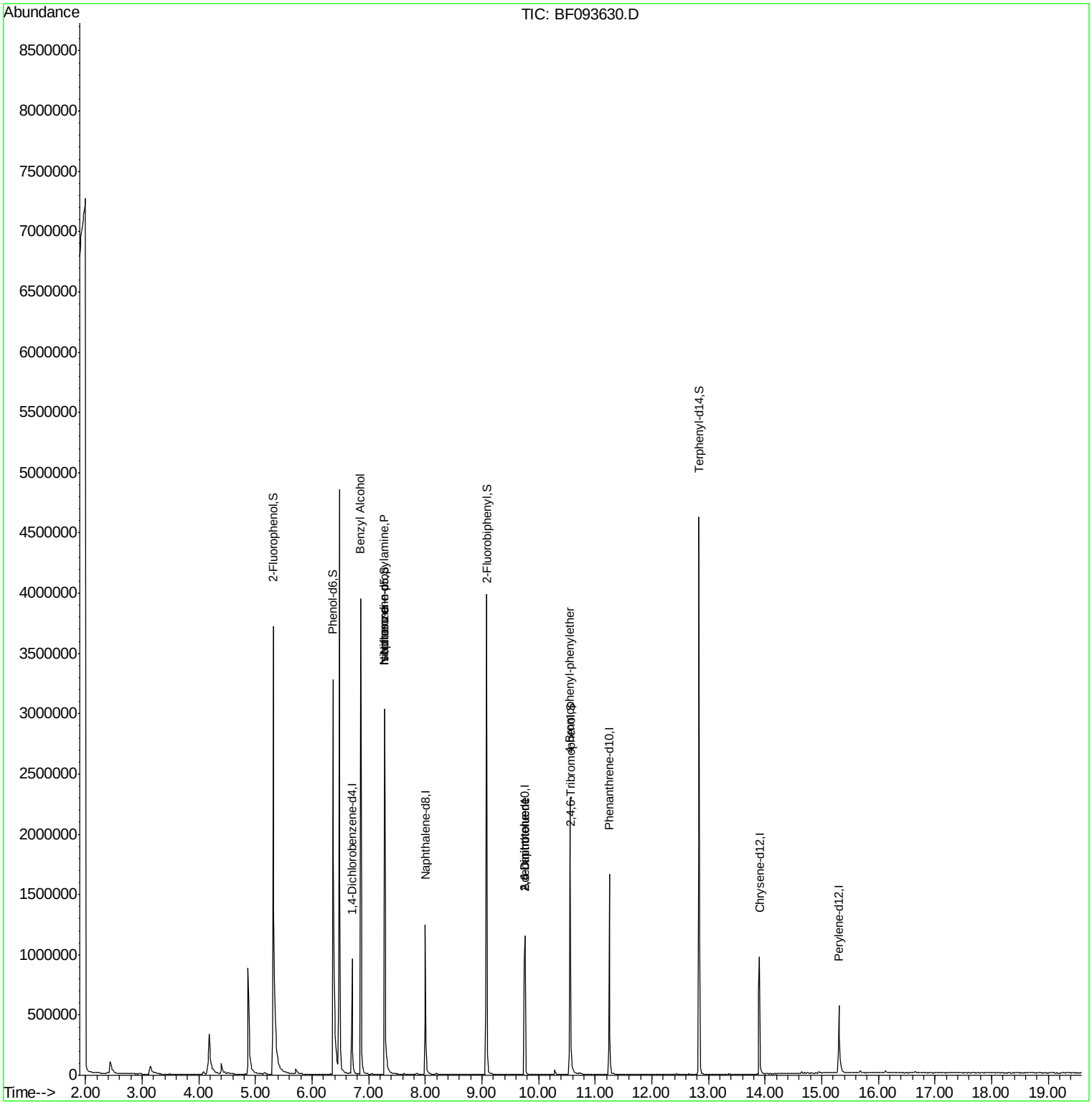
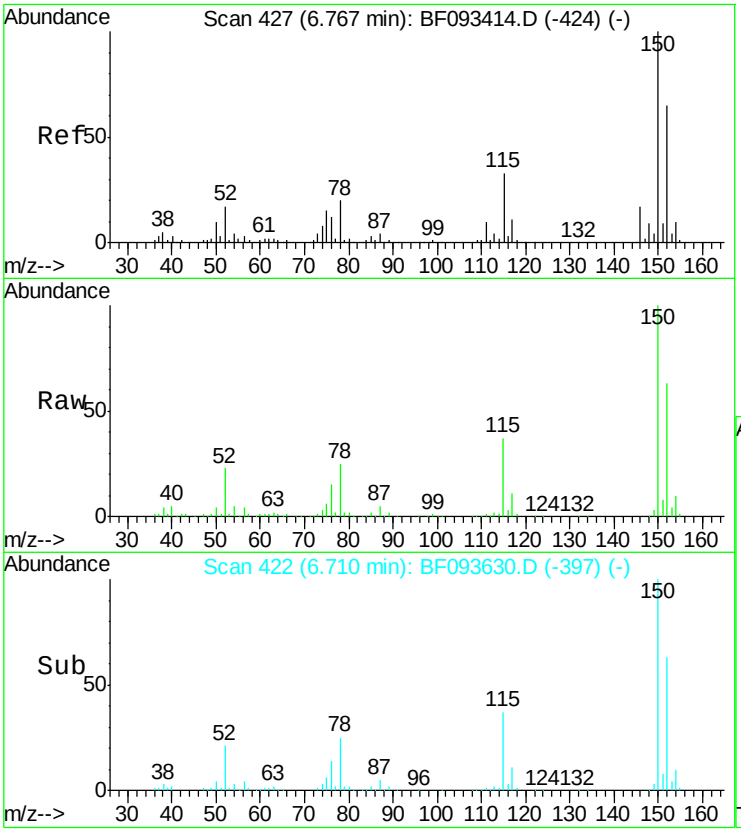


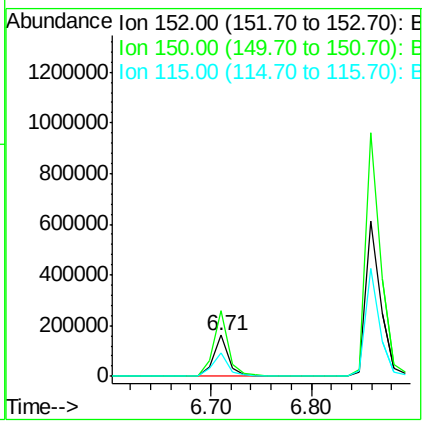


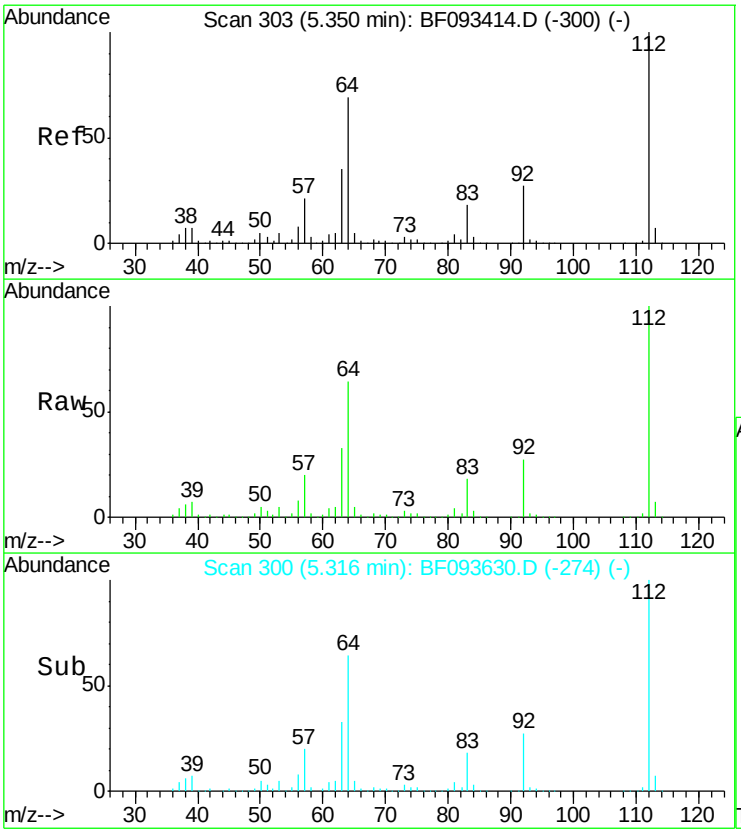
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:152 Resp: 169932

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.9	187.3
115	58.0	46.0	69.0

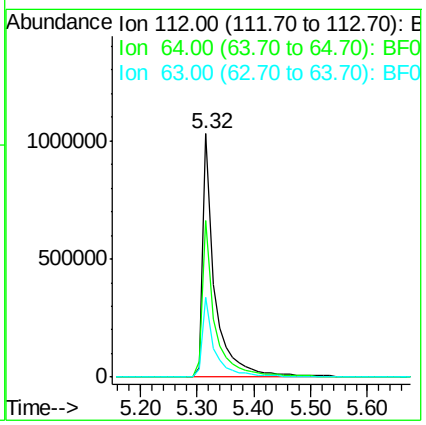


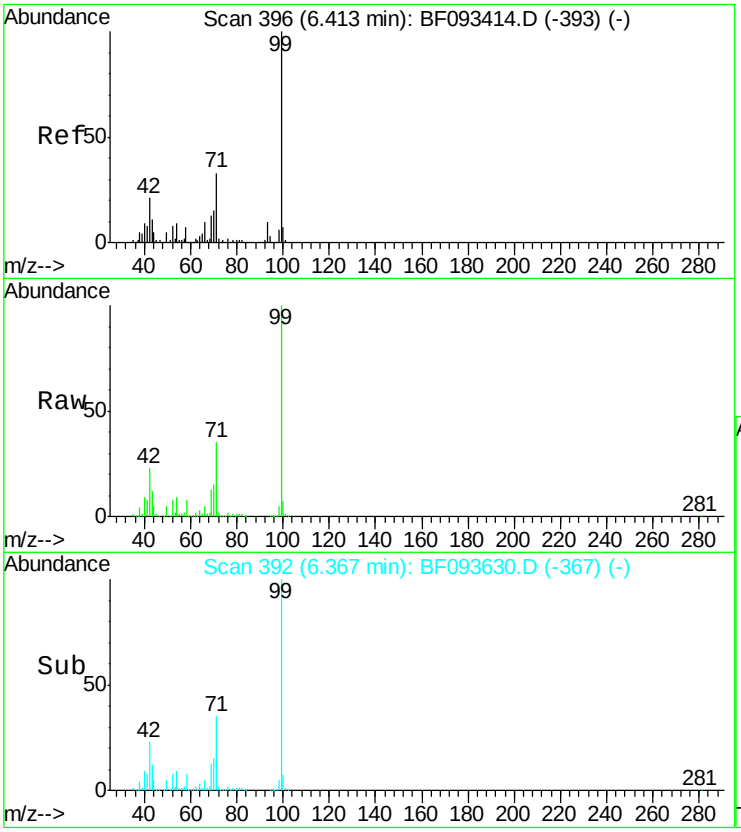


#5
2-Fluorophenol
Concen: 145.02 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:112 Resp: 1480667

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.1	69.1
63	32.6	23.8	35.6



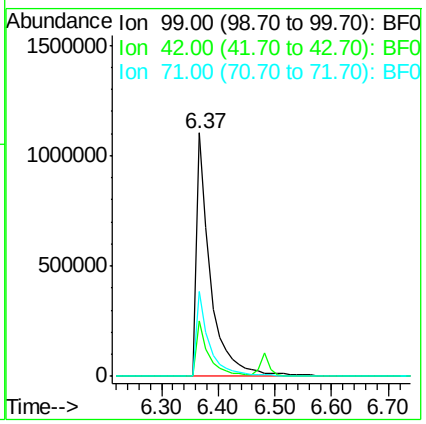


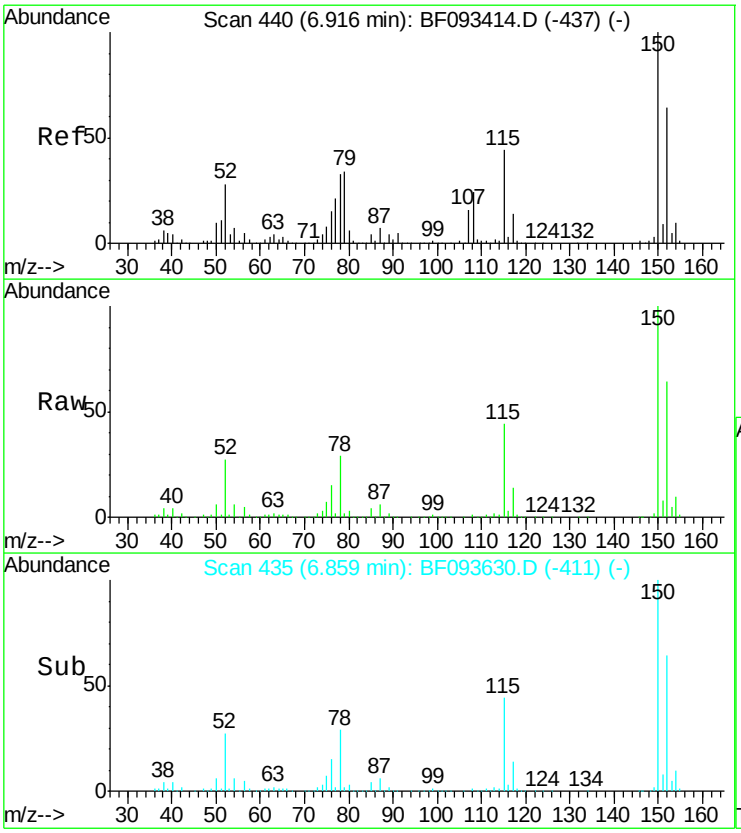
#7
Phenol-d6
Concen: 142.77 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion: 99 Resp: 1838231

Ion	Ratio	Lower	Upper
99	100		
42	22.7	15.6	23.4
71	34.9	27.5	41.3

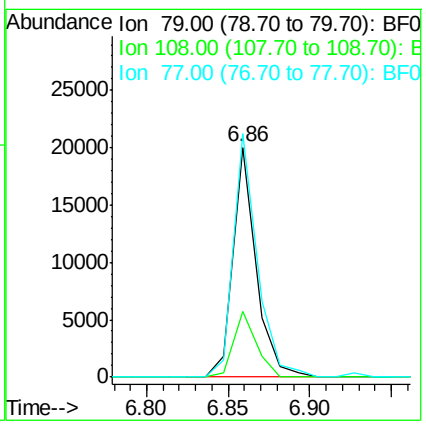


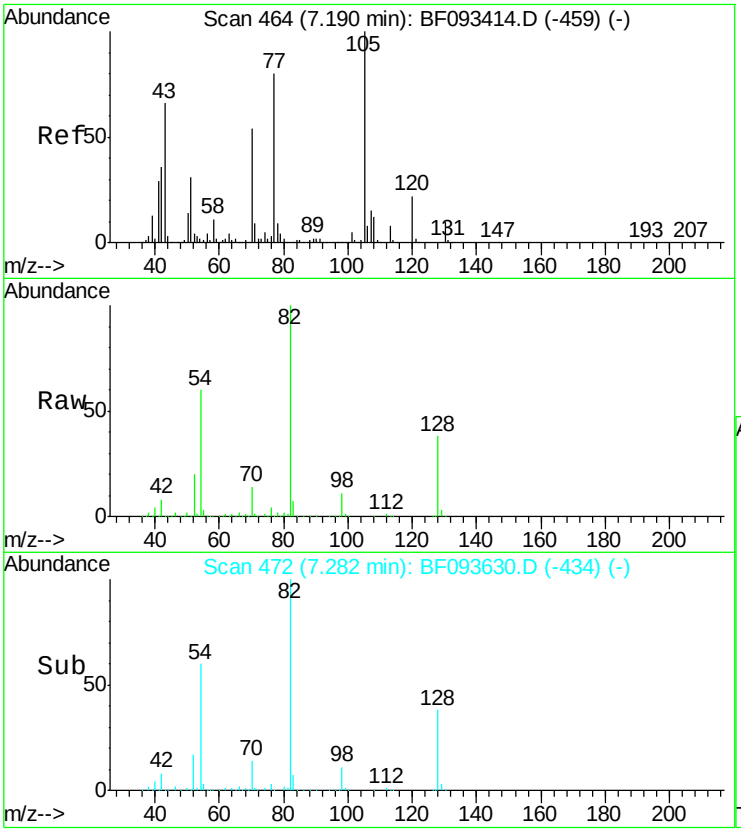


#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion: 79 Resp: 19440

Ion	Ratio	Lower	Upper
79	100		
108	28.5	61.4	92.0#
77	106.0	50.9	76.3#



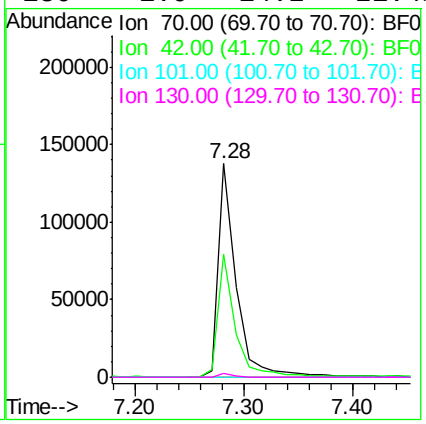


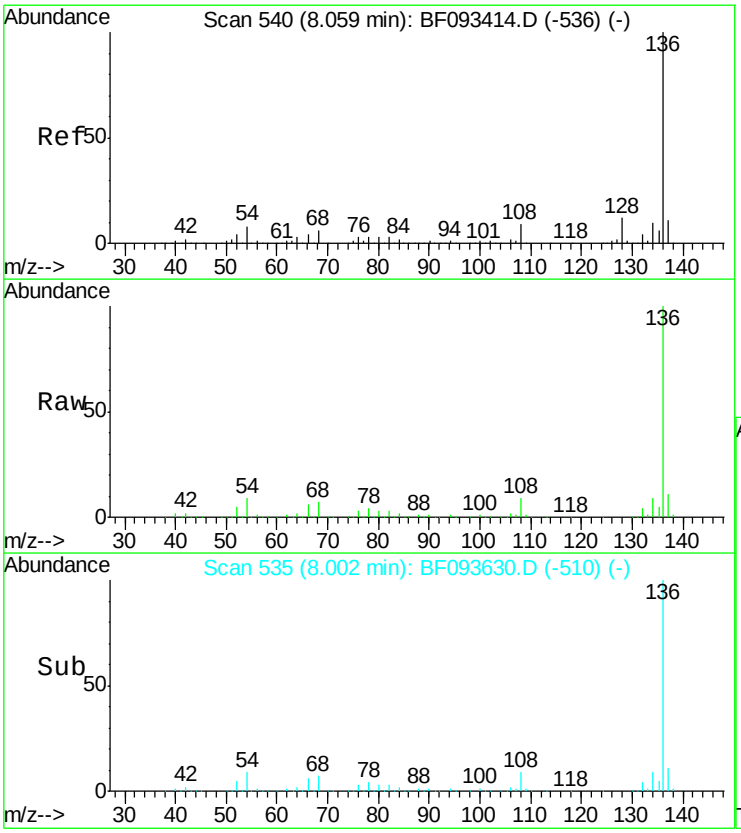
#19
n-Nitroso-di-n-propylamine
Concen: 17.97 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion: 70 Resp: 159047

Ion	Ratio	Lower	Upper
70	100		
42	57.5	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

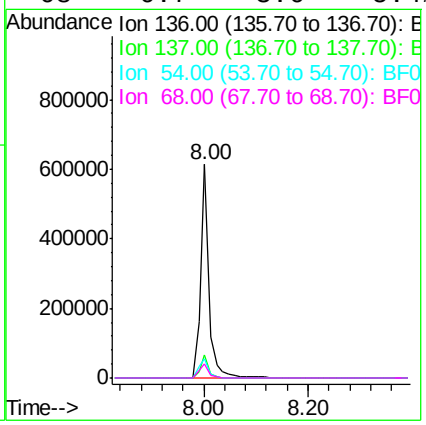


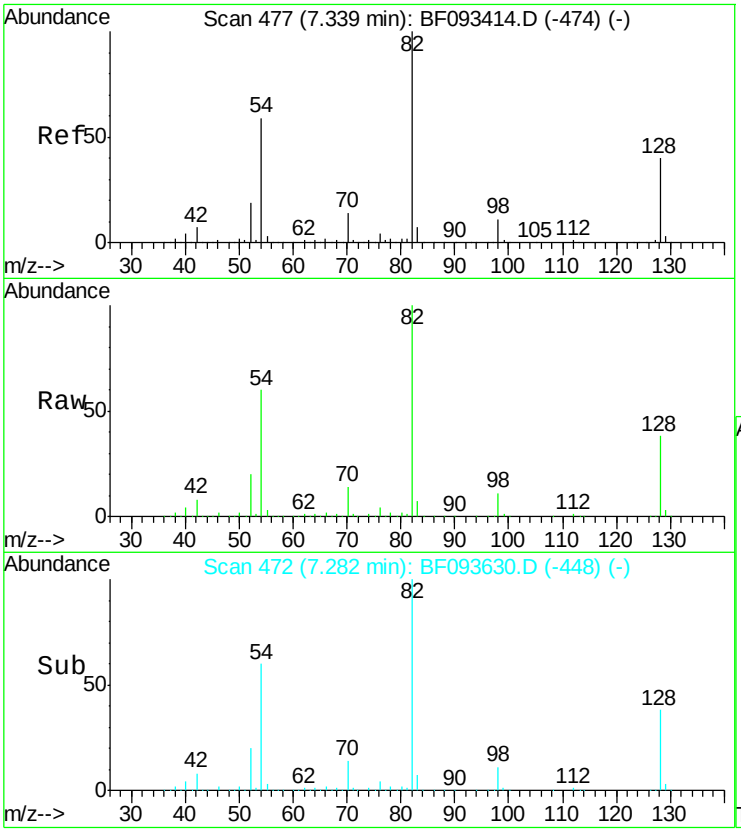


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:136 Resp: 679154

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.9	4.5	6.7#
68	6.7	3.6	5.4#



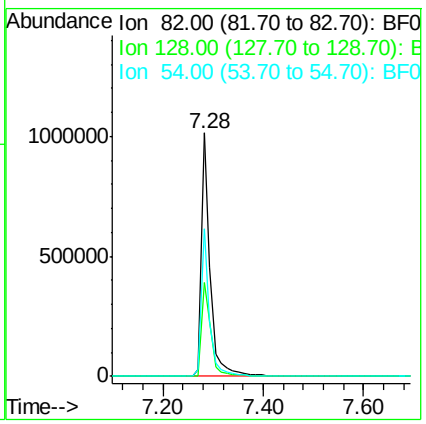


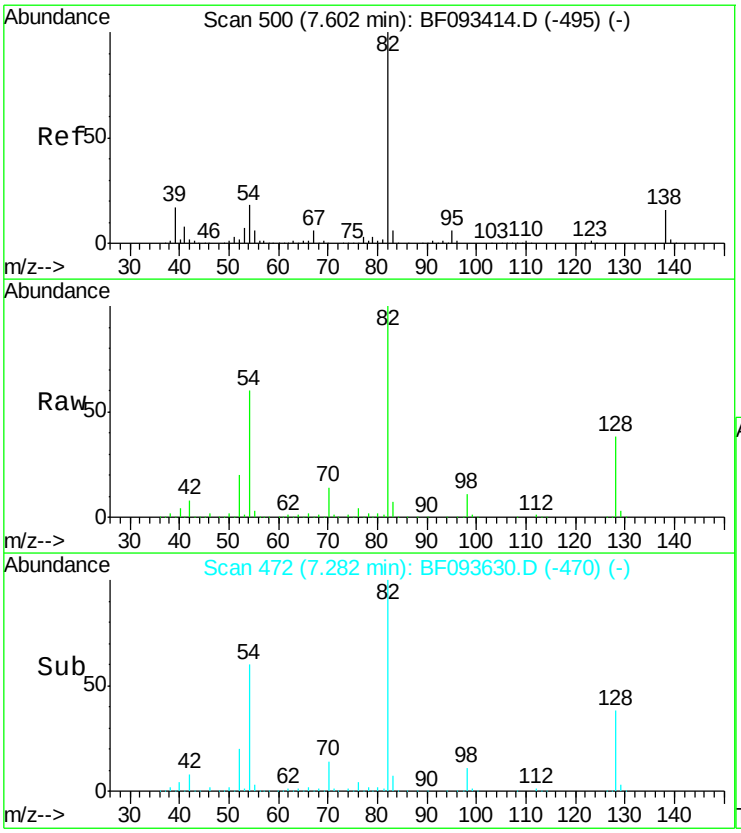
#23
Nitrobenzene-d5
Concen: 99.00 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion: 82 Resp: 1211830

Ion	Ratio	Lower	Upper
82	100		
128	38.4	34.6	52.0
54	60.4	39.5	59.3#

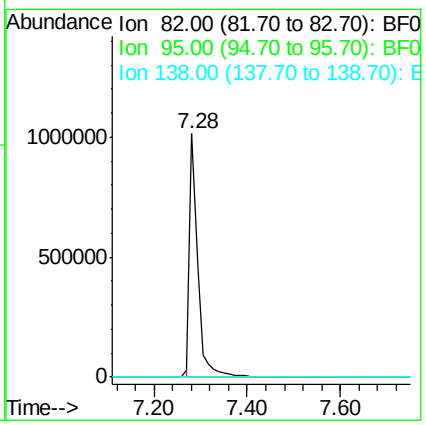


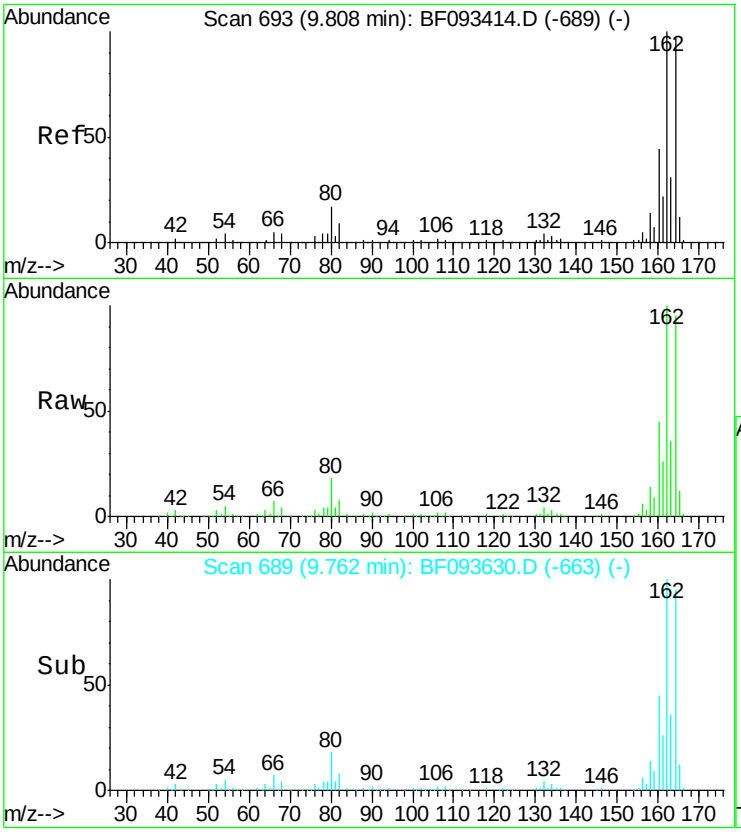


#25
Isophorone
Concen: 48.08 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion: 82 Resp: 1186879

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



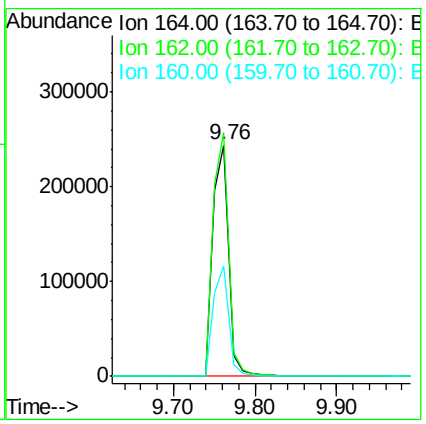


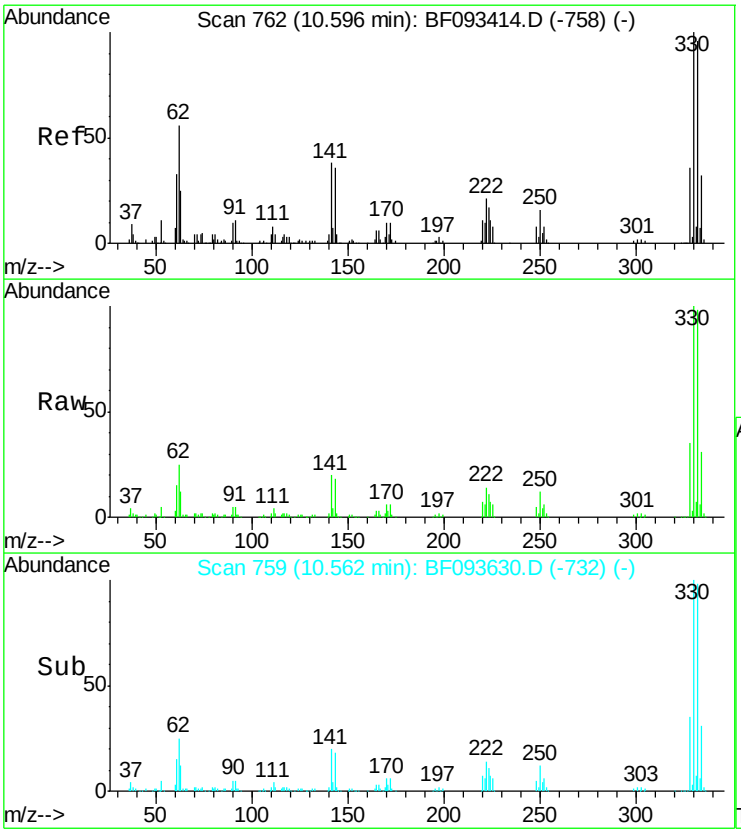
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:164 Resp: 325813

Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.2	120.2
160	47.5	36.9	55.3

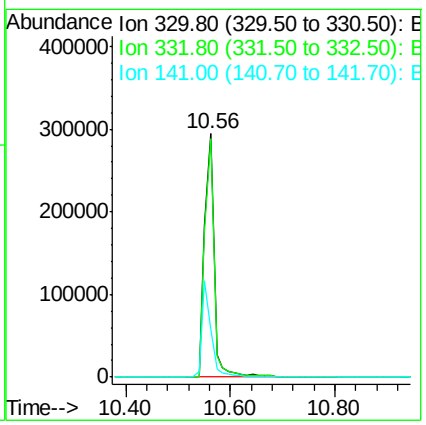


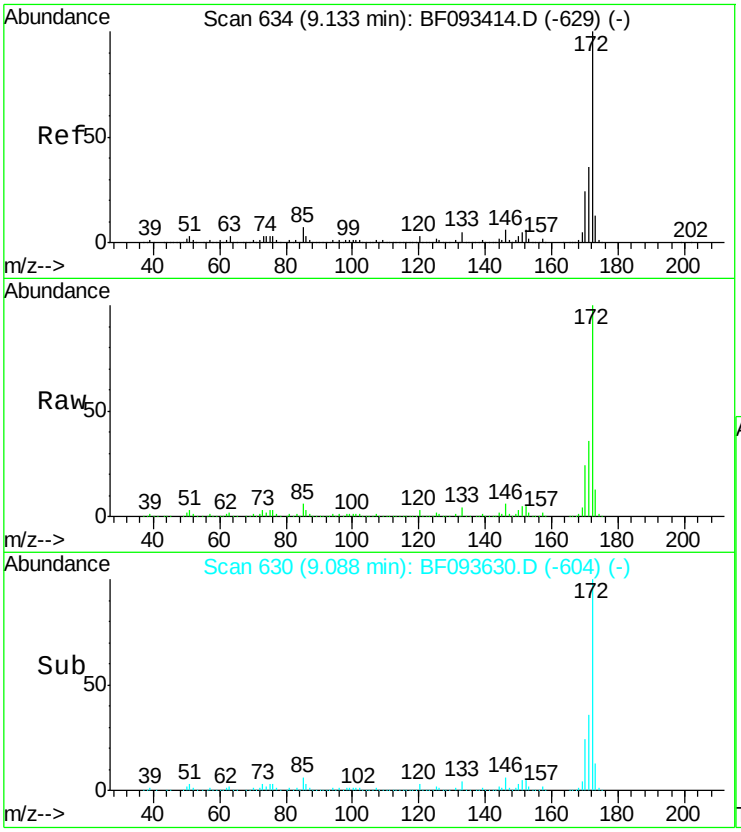


#41
2,4,6-Tribromophenol
Concen: 178.00 ng
RT: 10.56 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:330 Resp: 377847

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.2	34.1	51.1



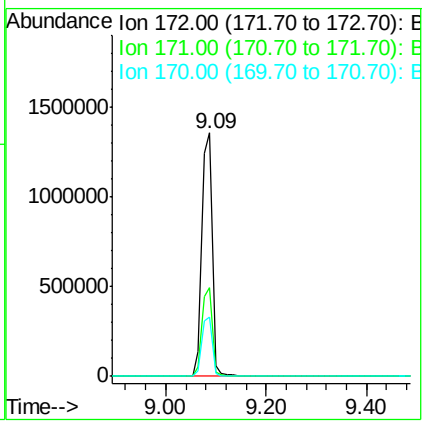


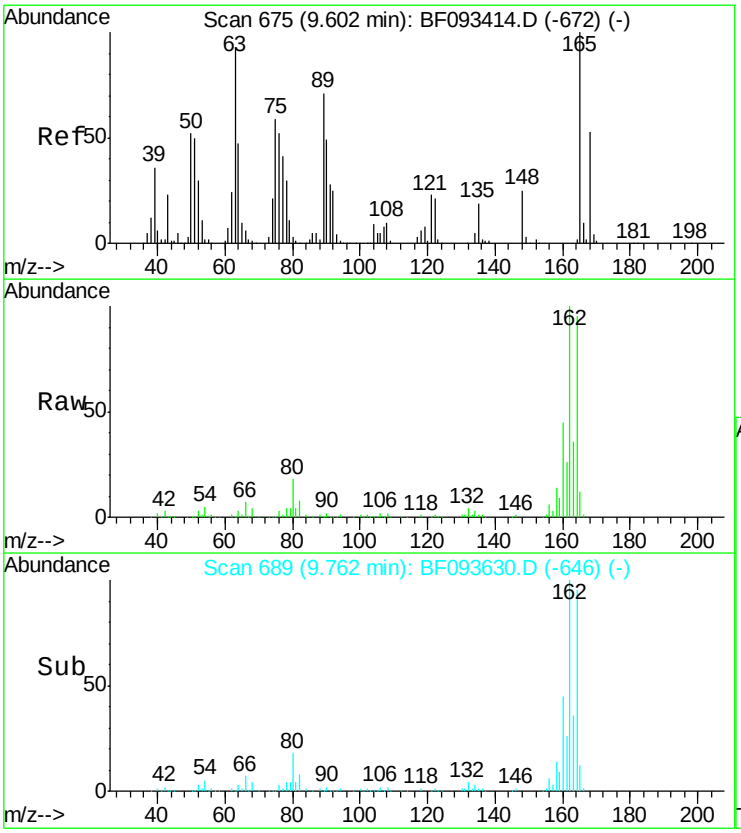
#44
2-Fluorobiphenyl
Concen: 112.15 ng
RT: 9.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:172 Resp: 1964397

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4

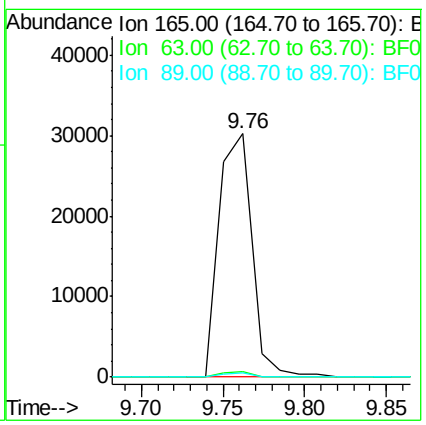


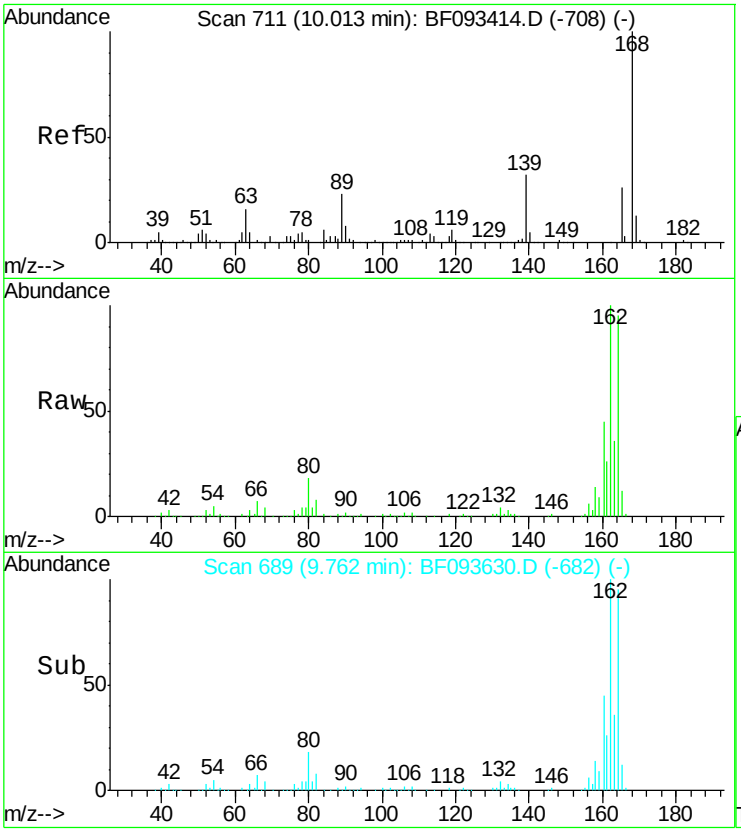


#50
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:165 Resp: 42087

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.2	54.4#
89	1.6	40.2	60.4#



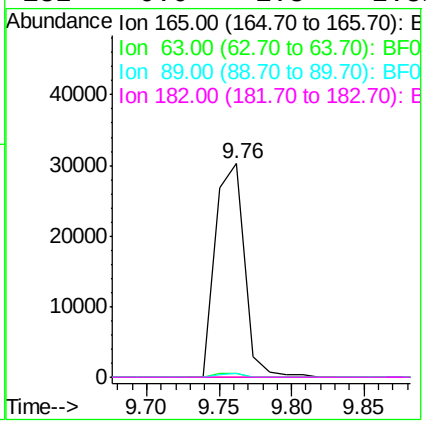


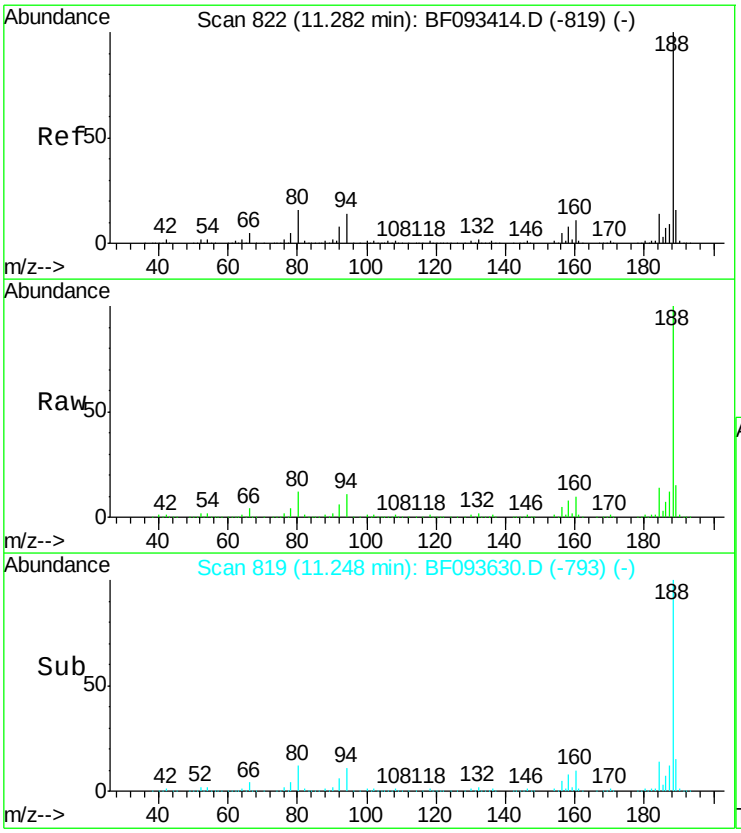
#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:165 Resp: 42088

Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

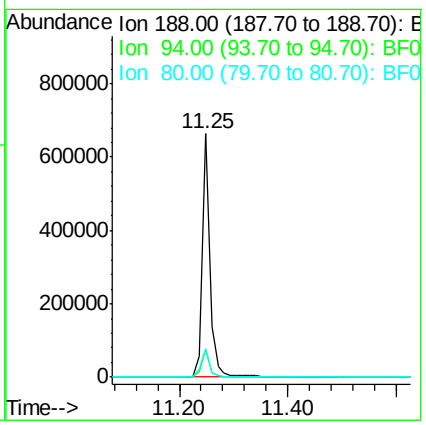


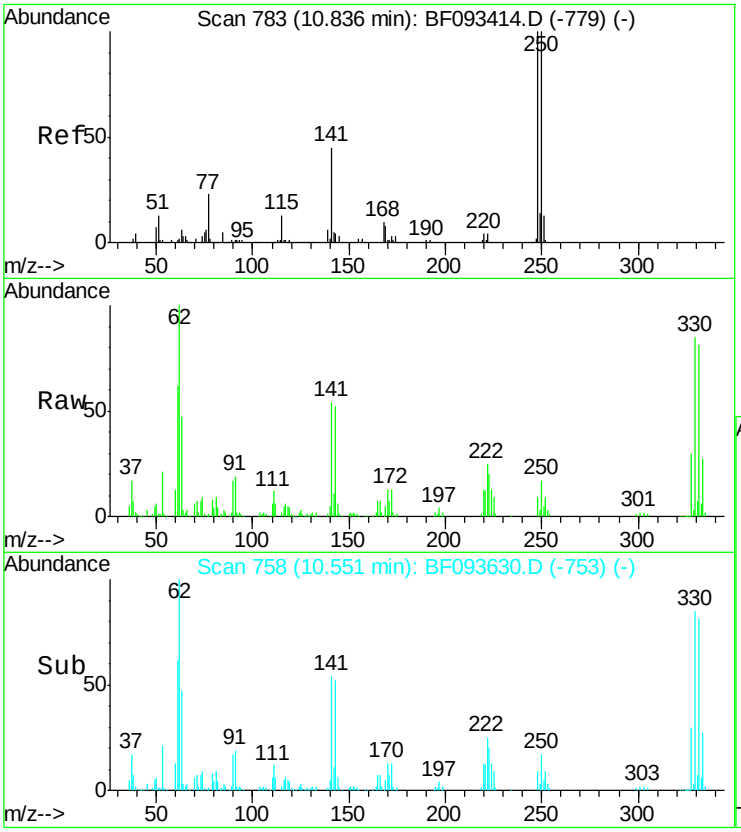


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:188 Resp: 636566

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.0	15.0
80	11.8	11.2	16.8



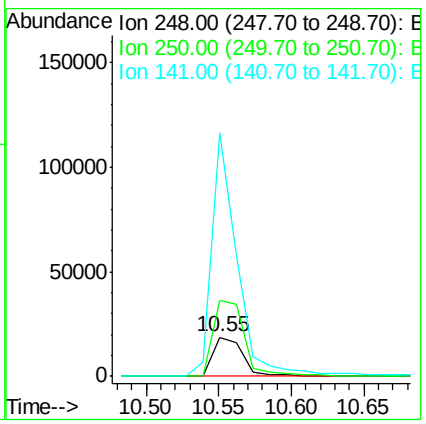


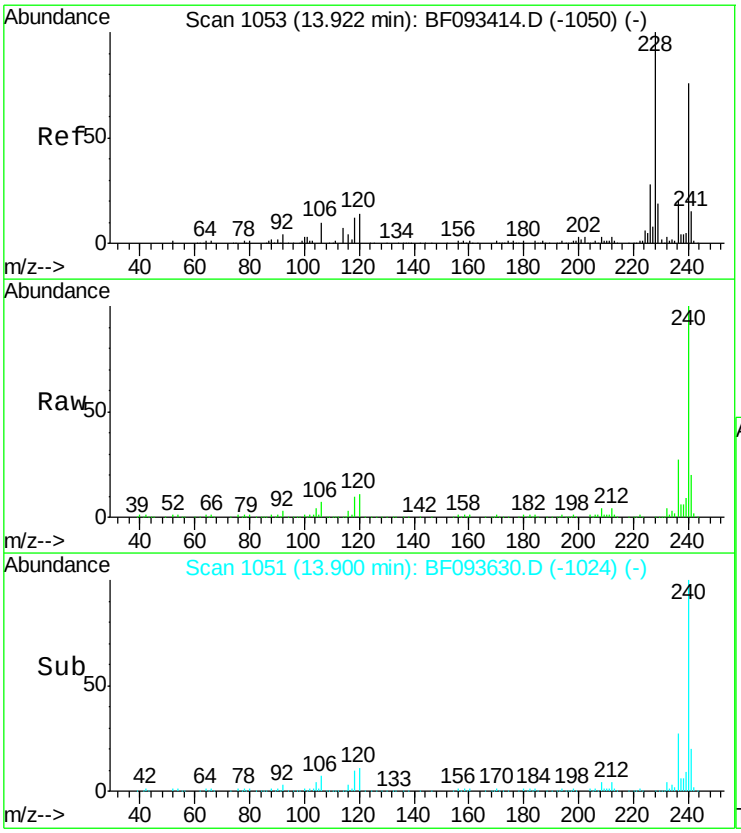
#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:248 Resp: 26499

Ion	Ratio	Lower	Upper
248	100		
250	195.7	76.9	115.3#
141	623.1	68.2	102.4#

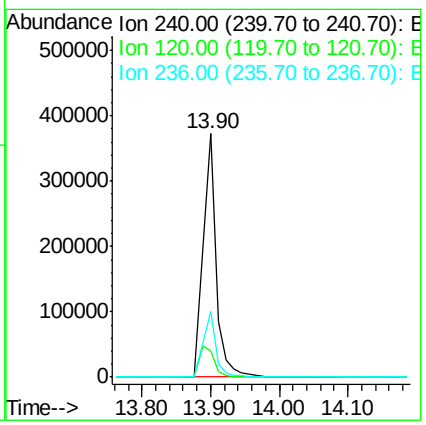


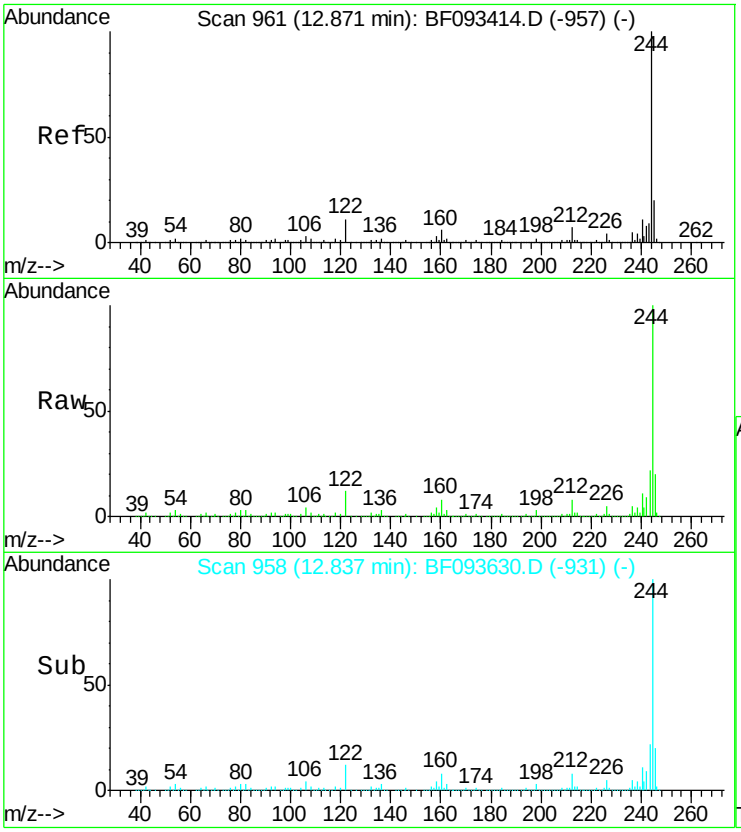


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:240 Resp: 492664

Ion	Ratio	Lower	Upper
240	100		
120	10.7	12.9	19.3#
236	26.8	20.9	31.3



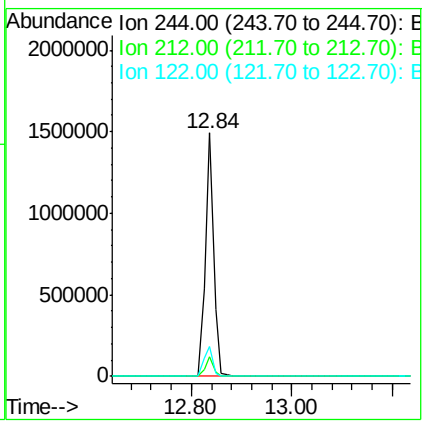


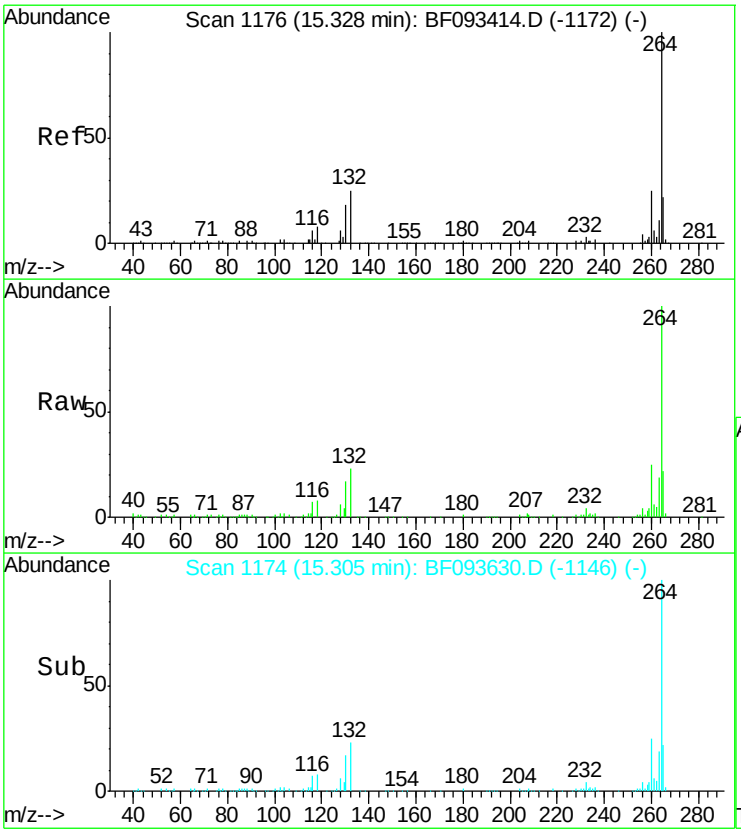
#78
Terphenyl-d14
Concen: 90.29 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
D-89

Tgt Ion:244 Resp: 1710957

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	12.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093630.D
Acq: 14 Mar 2017 2:02

Tgt Ion:264 Resp: 280035

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.7	17.4	26.0