Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
Data File : BF092716.D
Acq On : 1 Feb 2017 20:41
Operator : SJ/MA
Sample : I1597-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-32-COMP

Quant Time: Feb 01 23:51:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167003	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663020	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	342448	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	497473	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	342932	20.00	ng	-0.02
86) Perylene-d12	15.59	264	275139	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1212860	124.60	ng	-0.01
7) Phenol-d6	6.59	99	1659290	132.48	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1150069	96.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	306543	123.77	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1605387	84.93	ng	-0.01
78) Terphenyl-d14	13.07	244	1074632	73.63	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.60	94	156796	10.70	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	151089	18.95	ng	# 79
25) Isophorone	7.52	82	1102813	49.71	ng	# 65
49) Dimethylphthalate	9.71	163	228253	9.90	ng	100
56) 2,4-Dinitrotoluene	10.00	165	43958	6.63	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.78	198	519	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	21542	4.14	ng	# 1

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

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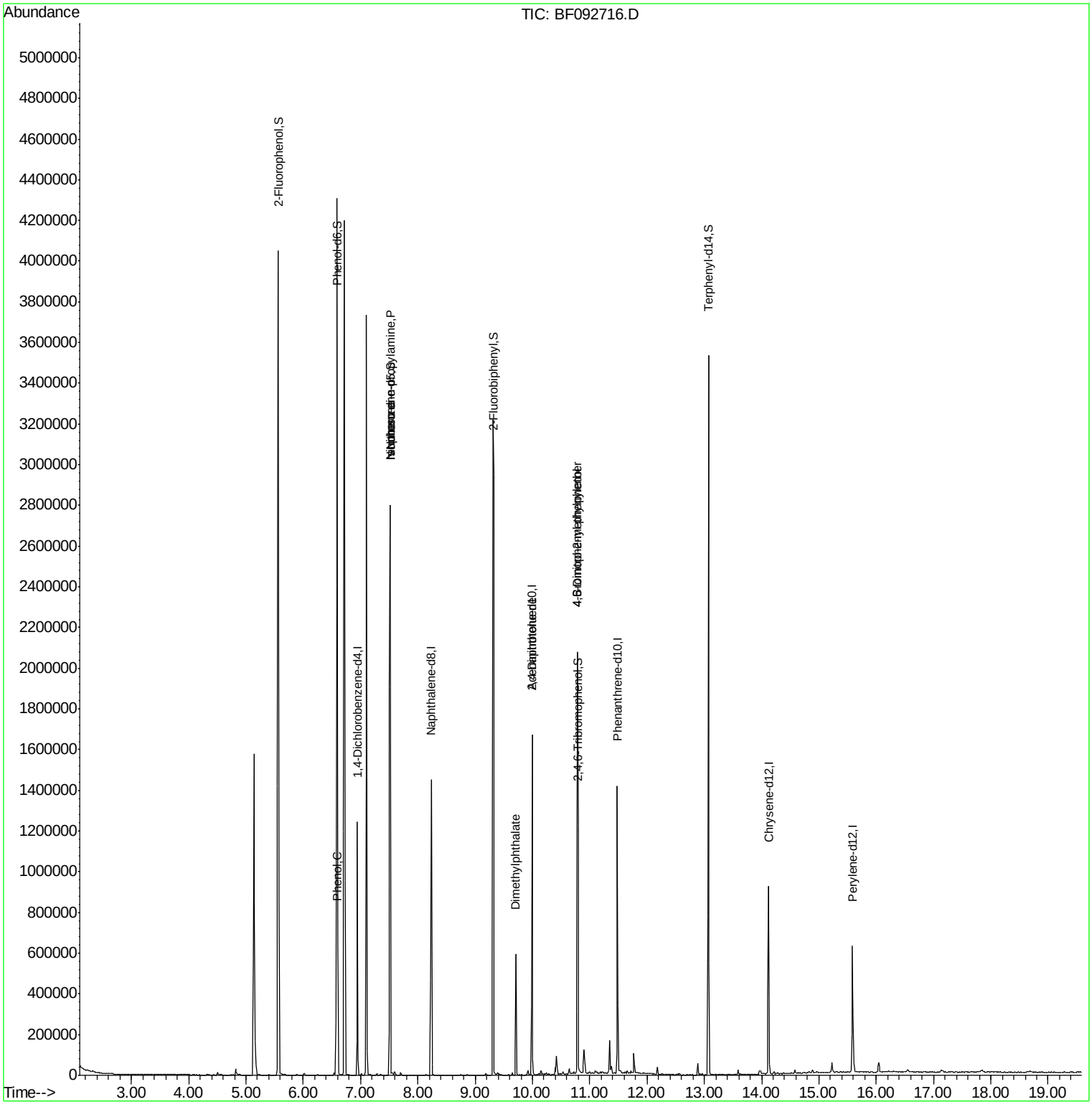
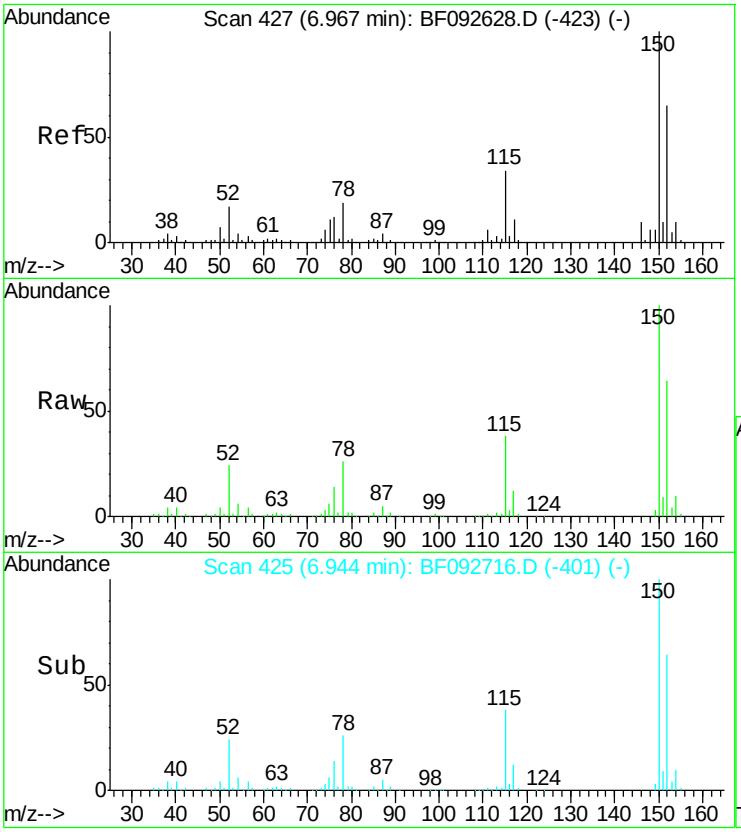


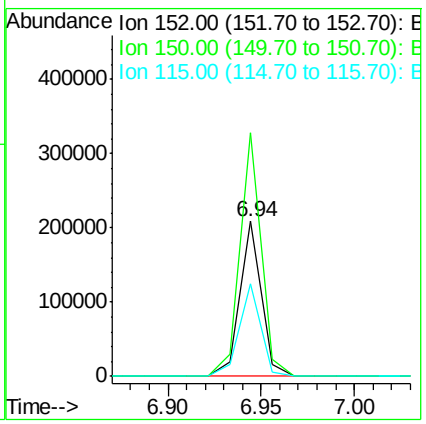


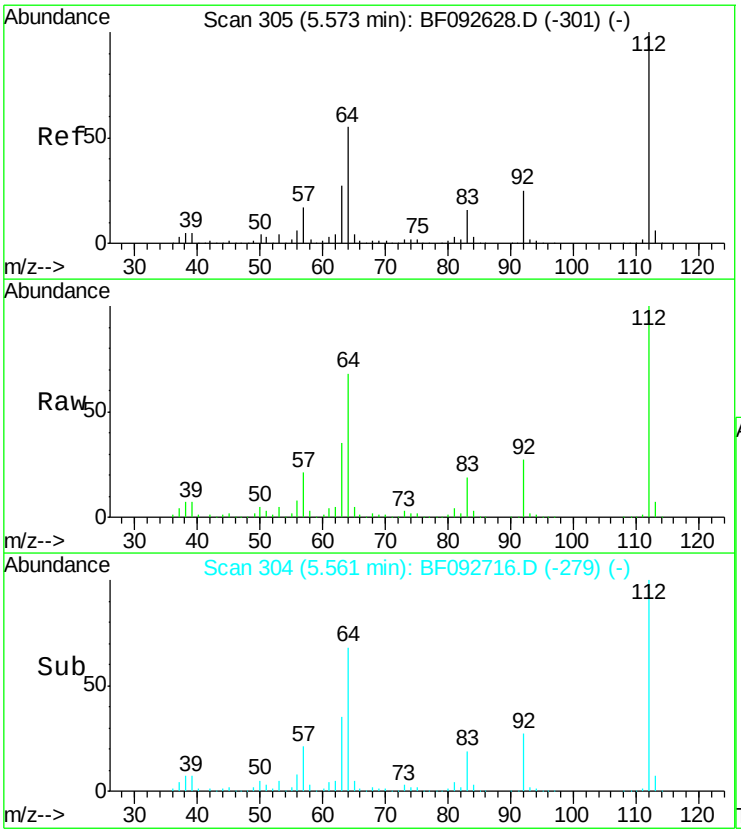
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:152 Resp: 167003

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	59.5	46.0	69.0

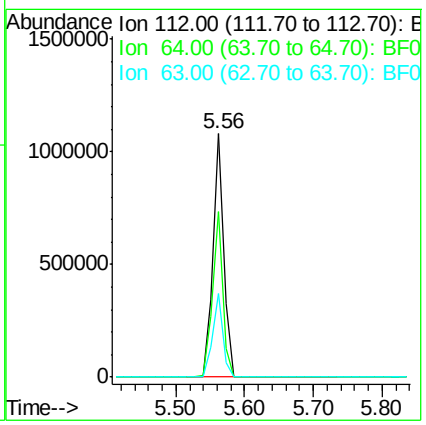


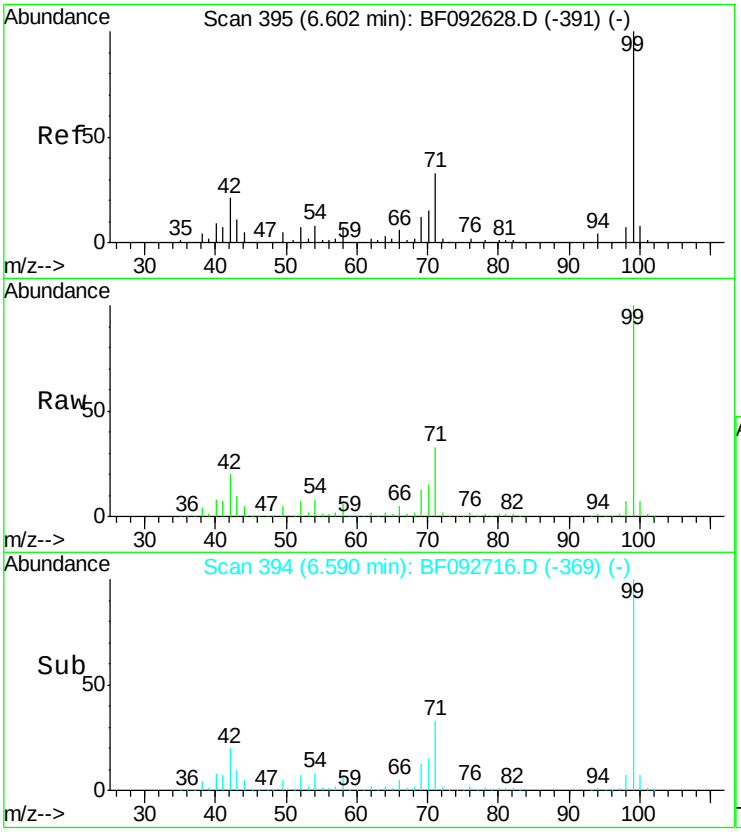


#5
2-Fluorophenol
Concen: 124.60 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:112 Resp: 1212860

Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.1	69.1
63	34.6	23.8	35.6



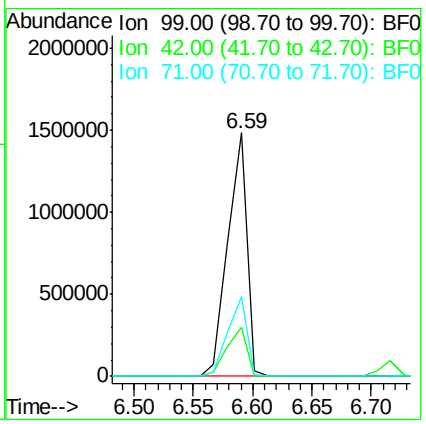


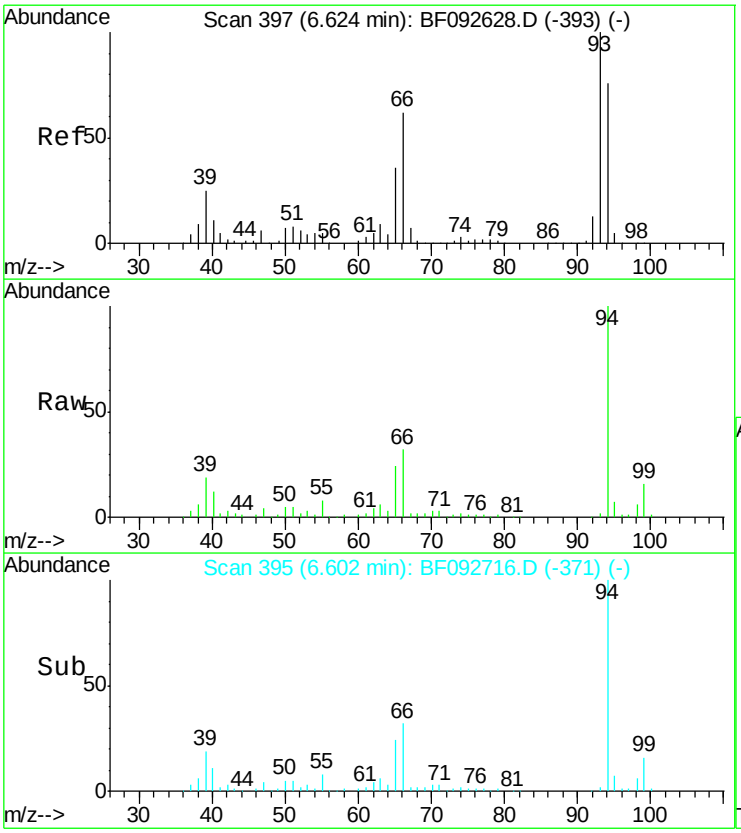
#7
Phenol-d6
Concen: 132.48 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 99 Resp: 1659290

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	32.8	27.5	41.3

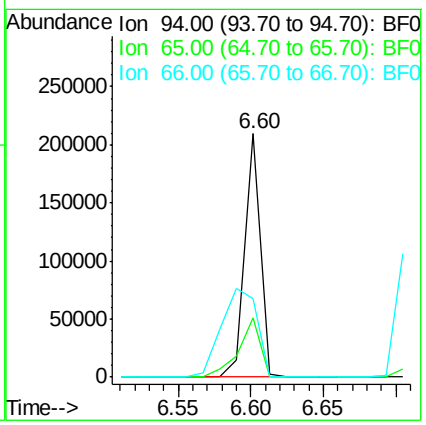


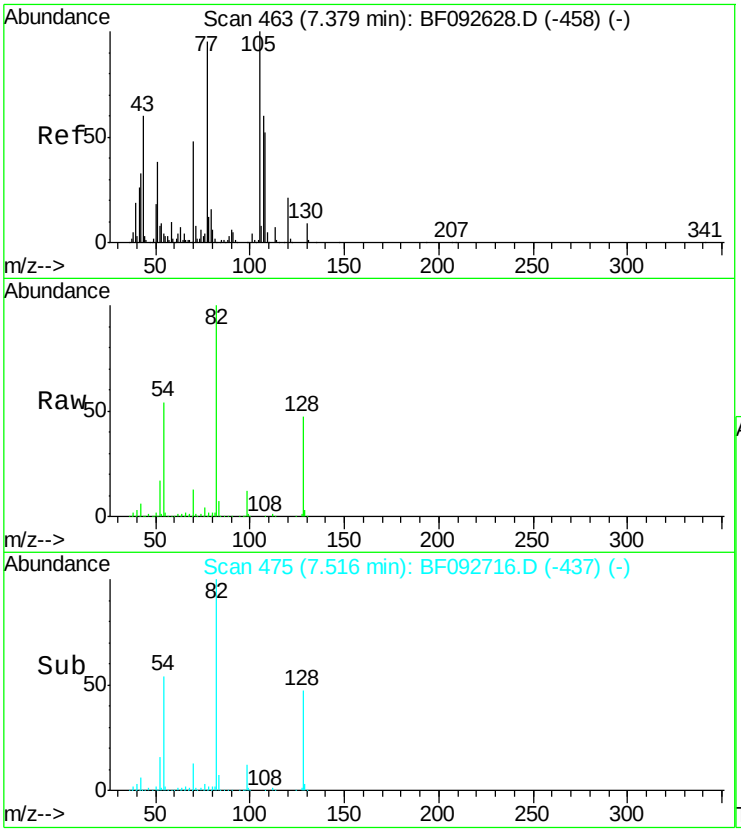


#10
Phenol
Concen: 10.70 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion: 94 Resp: 156796

Ion	Ratio	Lower	Upper
94	100		
65	24.4	21.4	61.4
66	32.3	44.0	84.0#



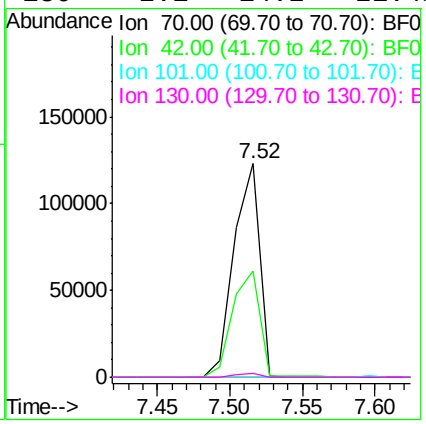


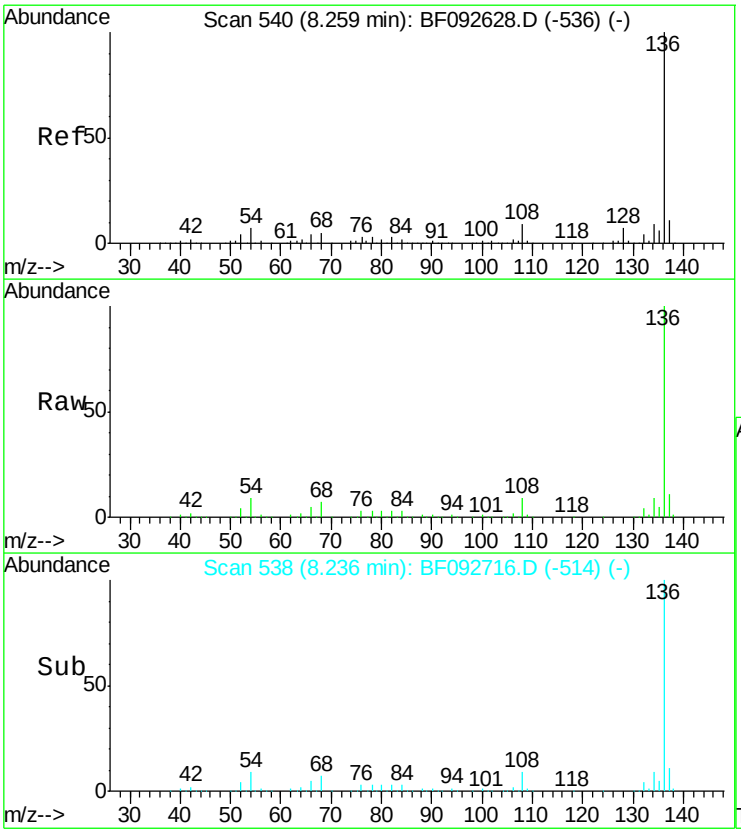
#19
n-Nitroso-di-n-propylamine
Concen: 18.95 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 70 Resp: 151089

Ion	Ratio	Lower	Upper
70	100		
42	49.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

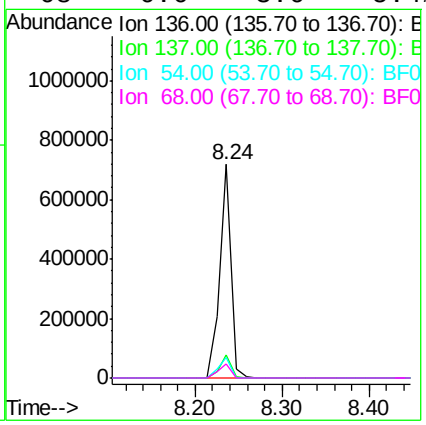


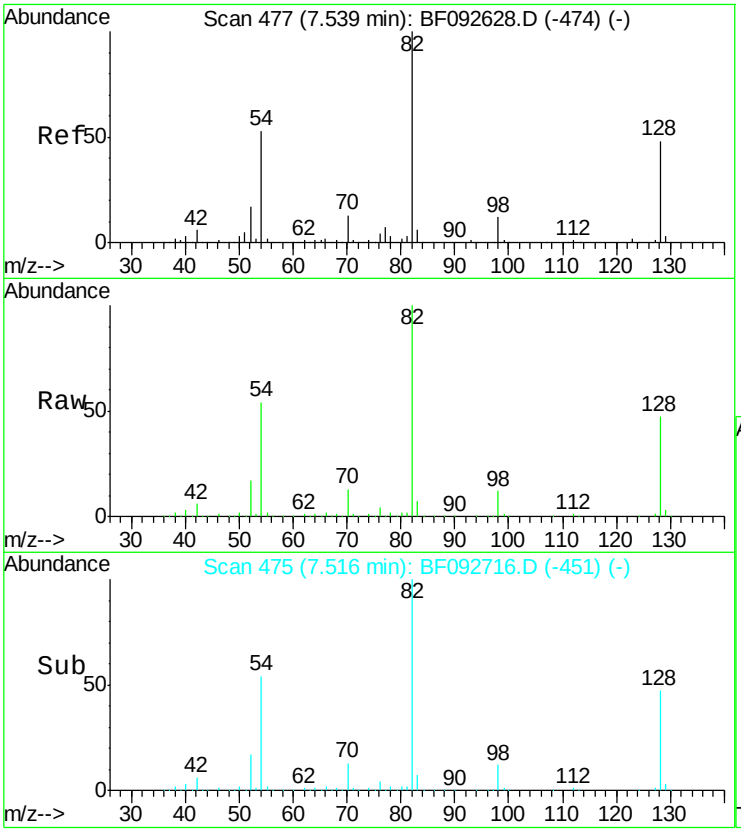


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:136 Resp: 663020

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.4	4.5	6.7#
68	6.6	3.6	5.4#



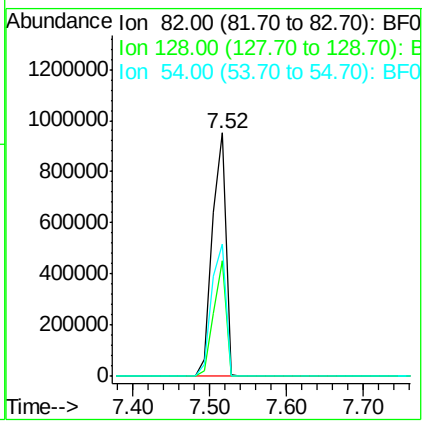


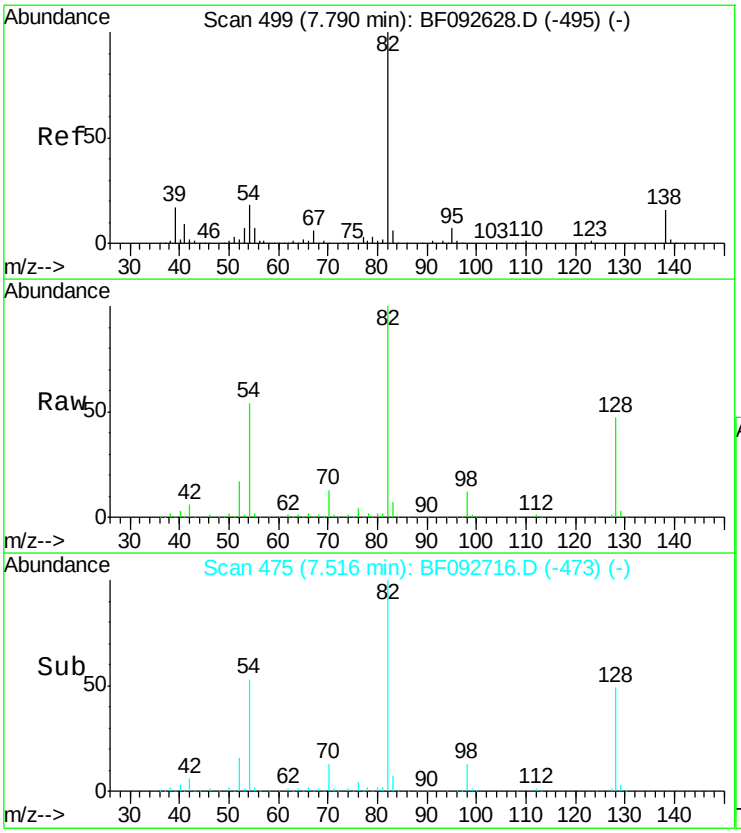
#23
Nitrobenzene-d5
Concen: 96.59 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion: 82 Resp: 1150069

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	54.1	39.5	59.3

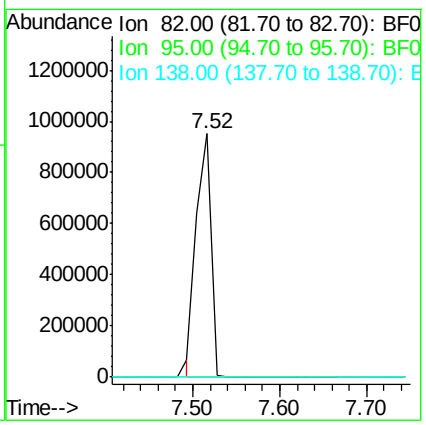


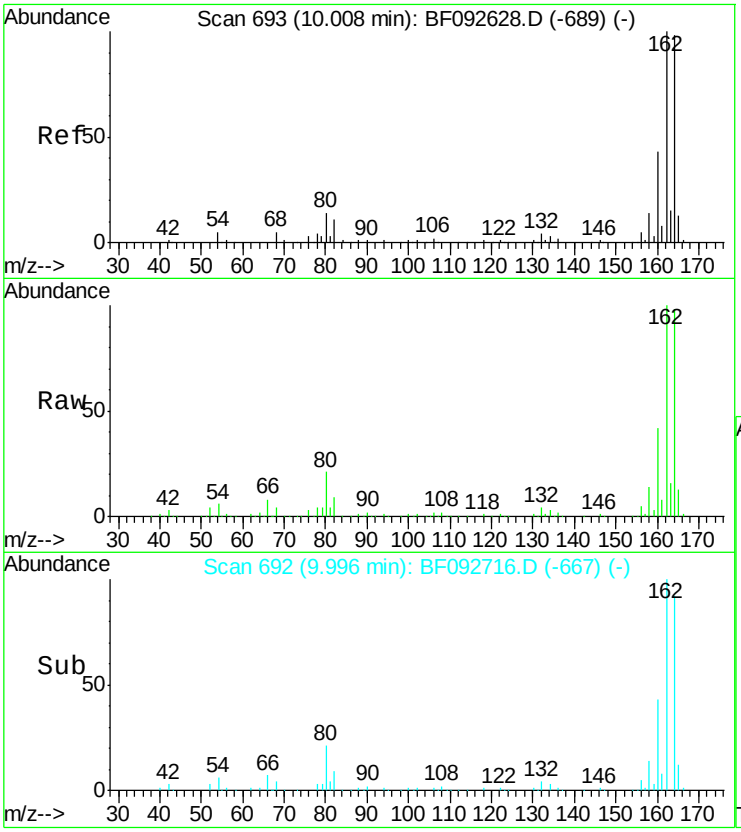


#25
Isophorone
Concen: 49.71 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion: 82 Resp: 1102813

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



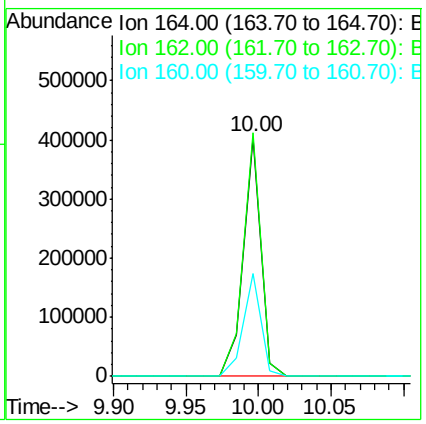


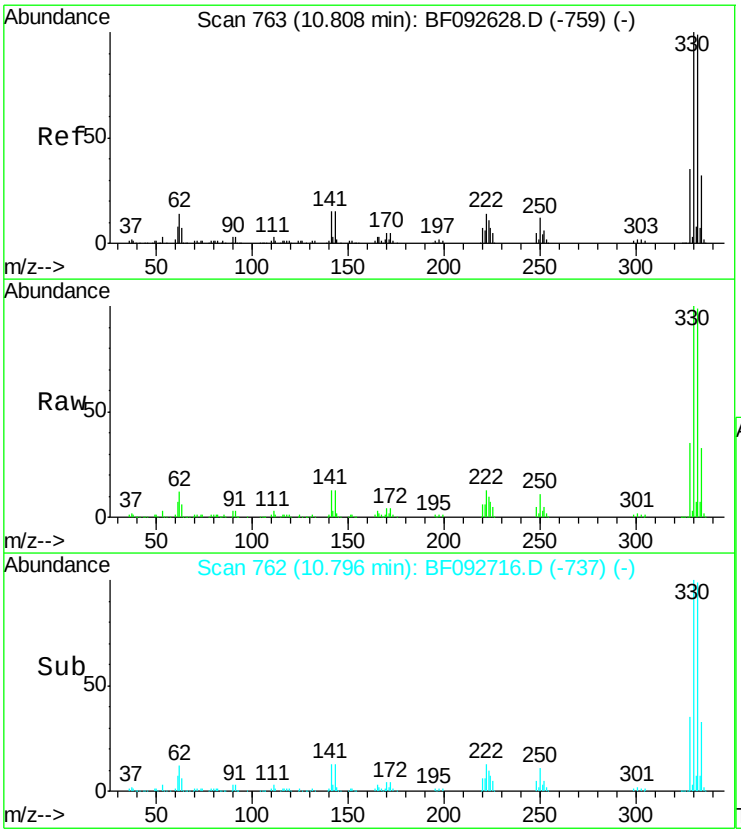
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:164 Resp: 342448

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.3	36.9	55.3

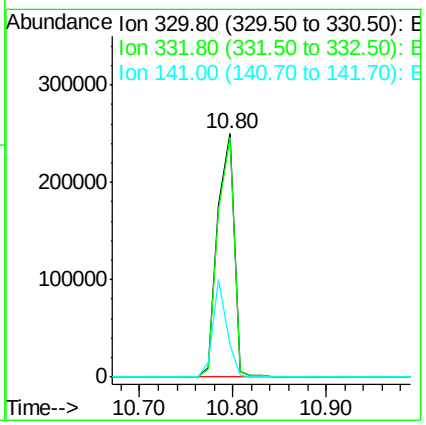


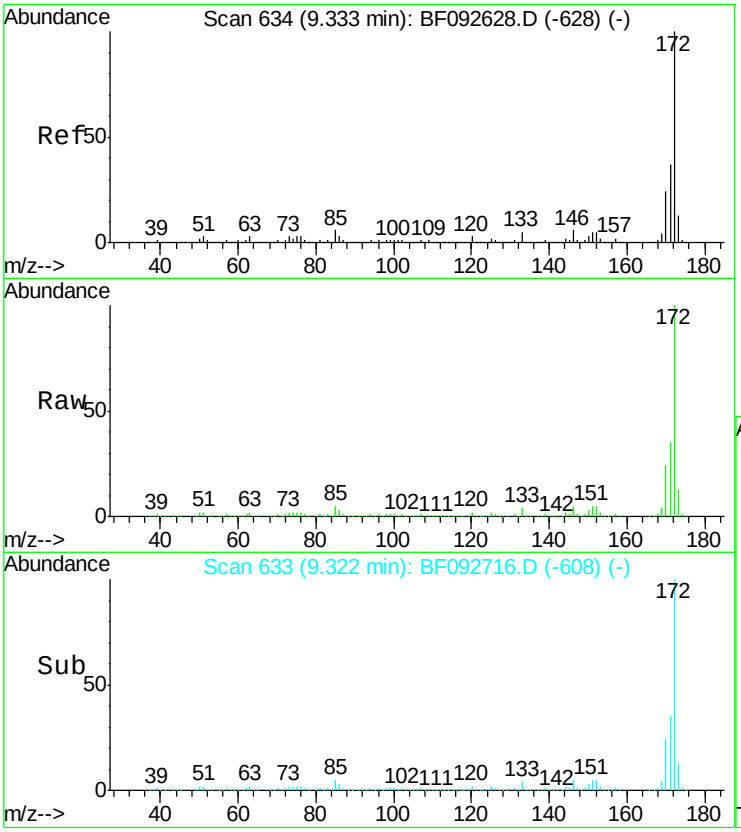


#41
2,4,6-Tribromophenol
Concen: 123.77 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:330 Resp: 306543

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	33.9	34.1	51.1#



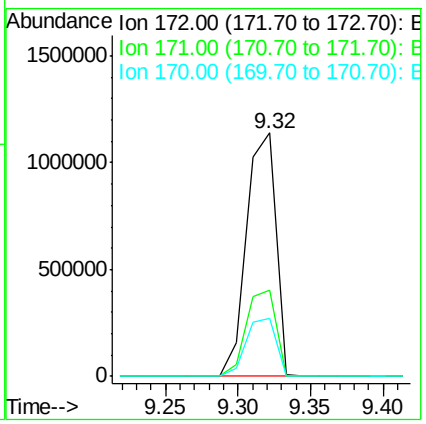


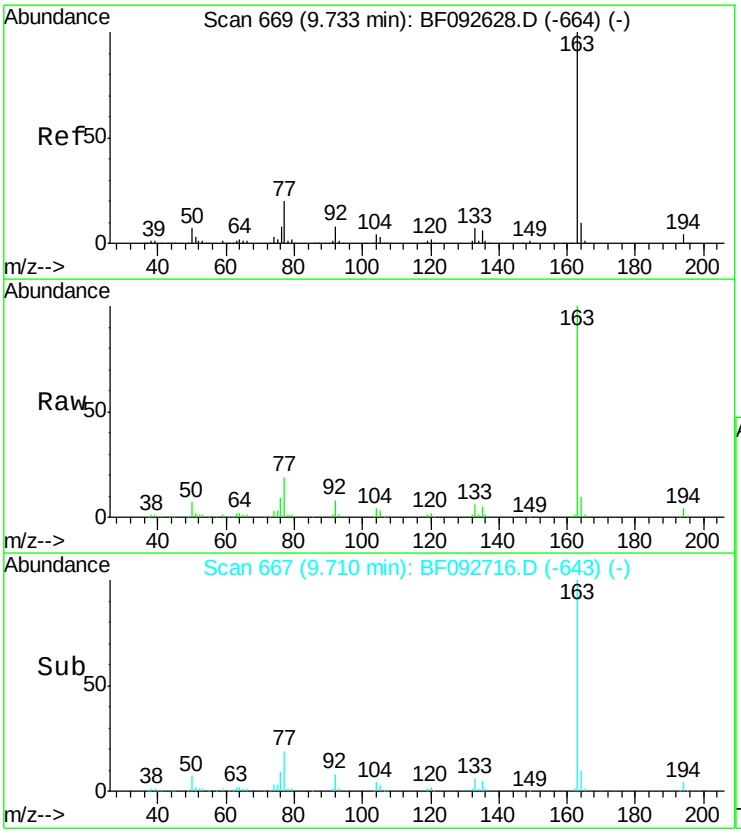
#44
2-Fluorobiphenyl
Concen: 84.93 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:172 Resp: 1605387

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	20.2	30.4

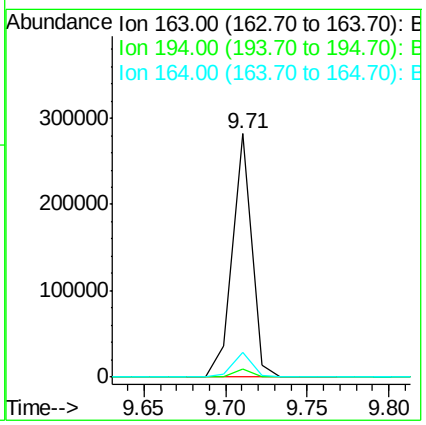


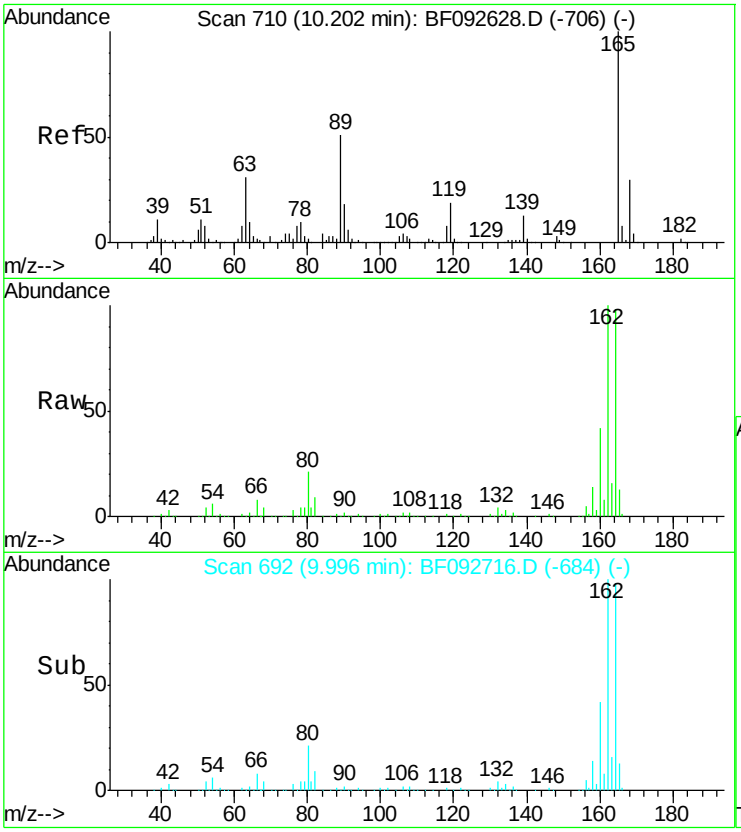


#49
Dimethylphthalate
Concen: 9.90 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:163 Resp: 228253

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.0	8.0	12.0



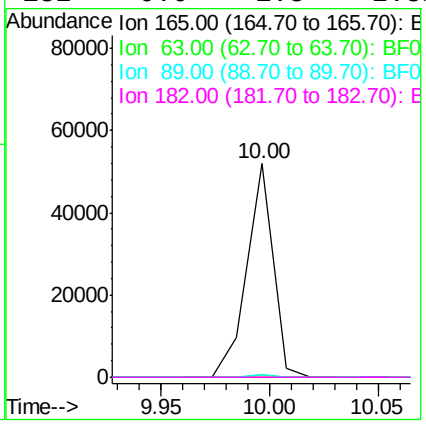


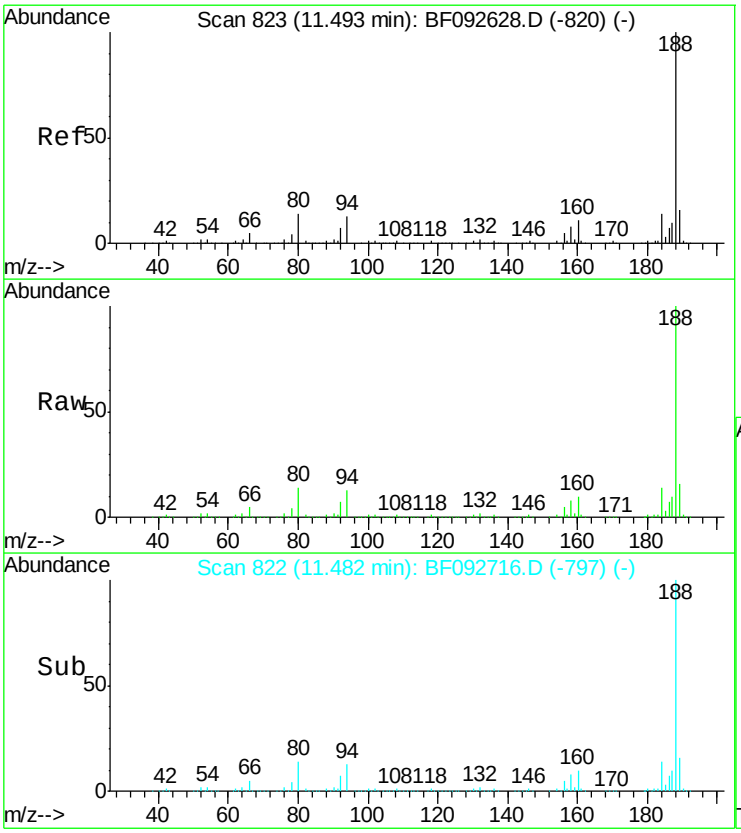
#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.21 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:165 Resp: 43958

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

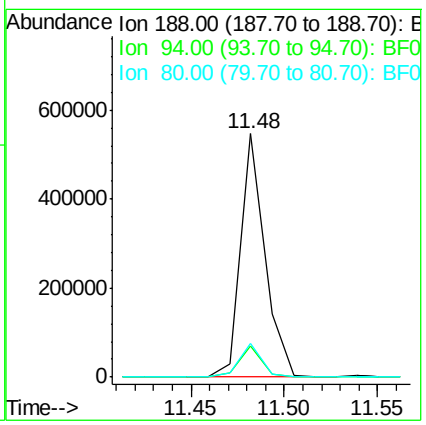


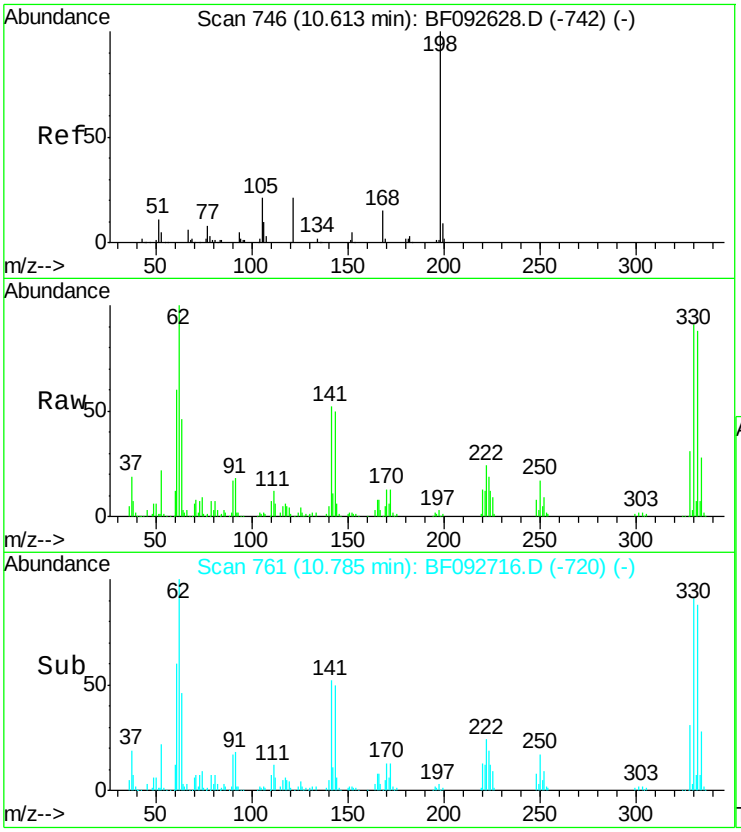


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:188 Resp: 497473

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.0	15.0
80	13.7	11.2	16.8



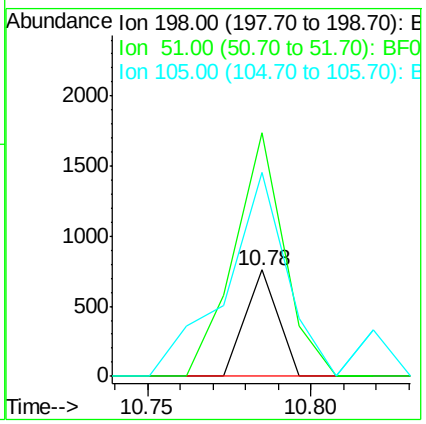


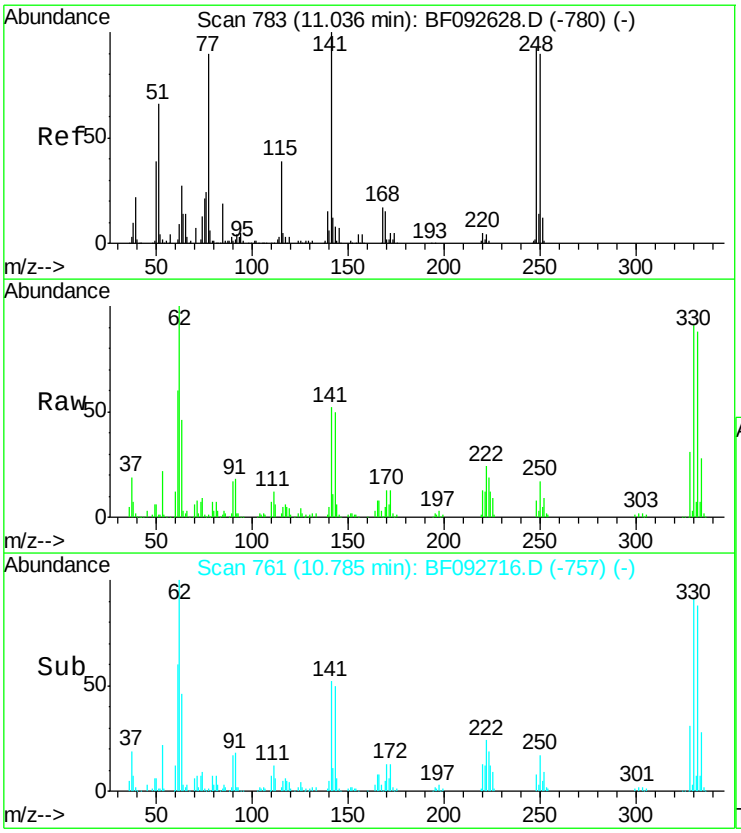
#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.17 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:198 Resp: 519

Ion	Ratio	Lower	Upper
198	100		
51	229.5	6.7	46.7#
105	191.7	16.6	56.6#

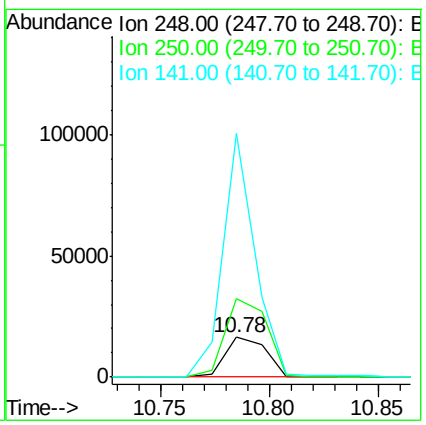


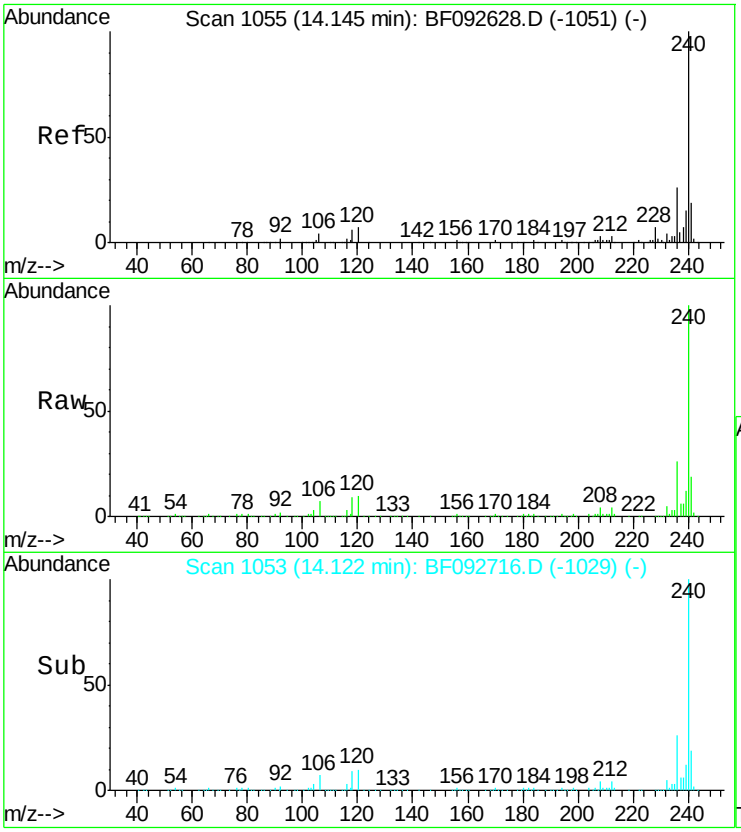


#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.25 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:248 Resp: 21542

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.9	115.3#
141	610.9	68.2	102.4#



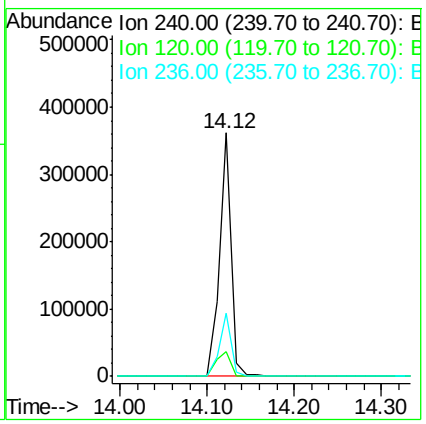


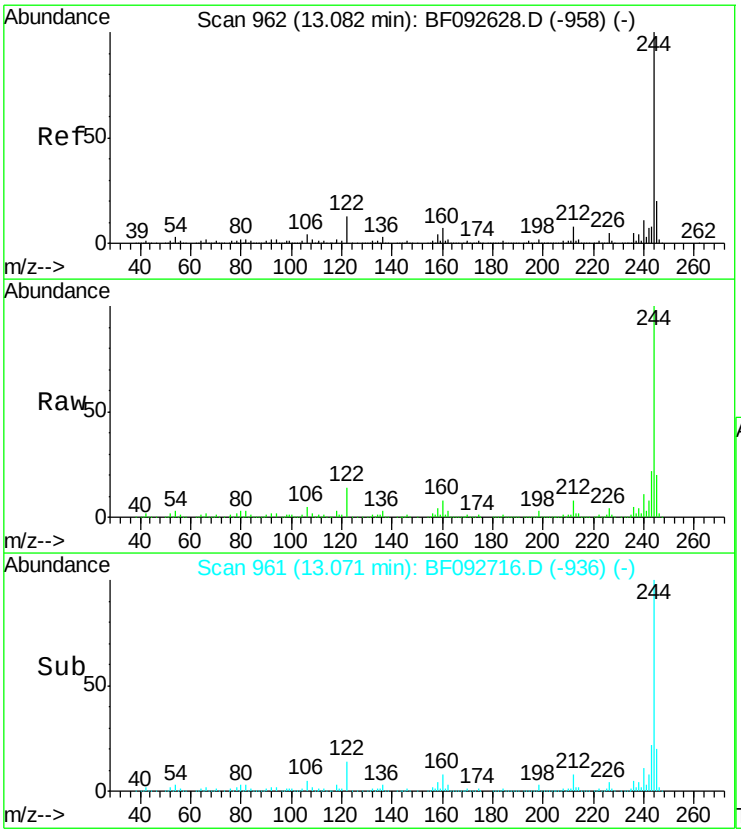
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:240 Resp: 342932

Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	25.9	20.9	31.3

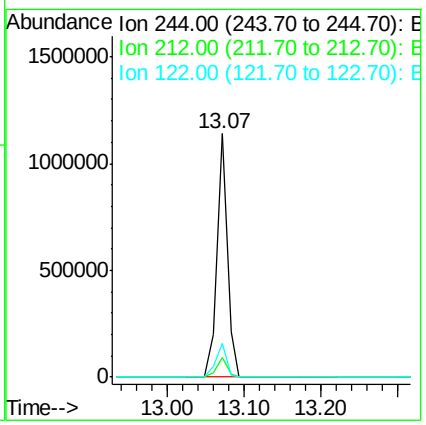


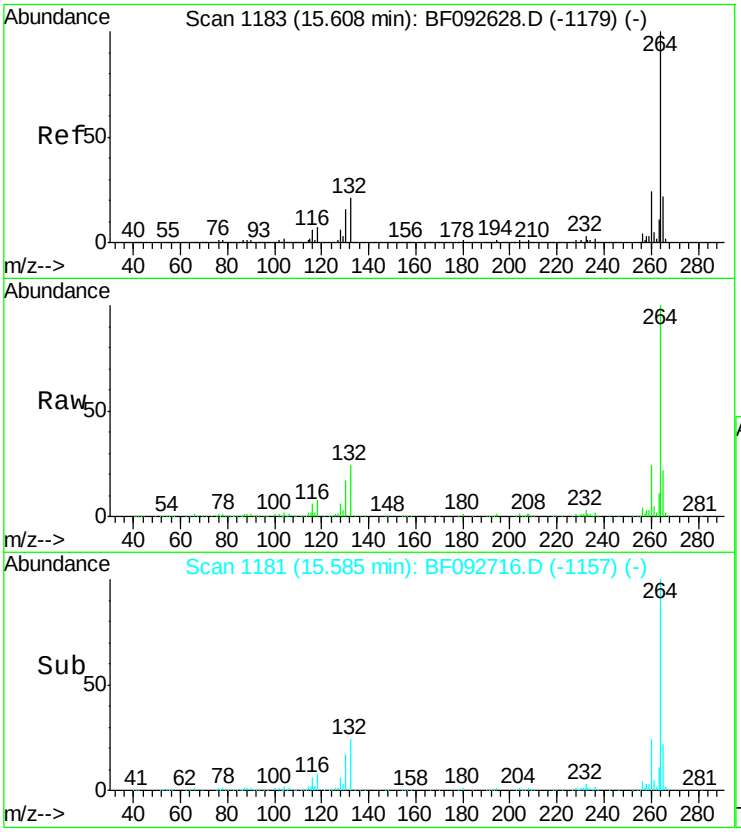


#78
Terphenyl-d14
Concen: 73.63 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Tgt Ion:244 Resp: 1074632

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF092716.D
Acq: 1 Feb 2017 20:41

Instrument :
BNA_F
ClientSampleId :
SB-32-COMP

Tgt Ion:264 Resp: 275139

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0