Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093065.D
Acq On : 21 Feb 2017 9:57
Operator : SJ/MA
Sample : I1897-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 13:26:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152989	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	598012	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	280802	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	466416	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	324783	20.00	ng		-0.01
86) Perylene-d12	15.44	264	289472	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	392522	44.02	ng		-0.01
7) Phenol-d6	6.48	99	309217	26.95	ng		-0.01
23) Nitrobenzene-d5	7.41	82	914057	85.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	215653	106.18	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1671090	107.82	ng		0.00
78) Terphenyl-d14	12.96	244	1186307	85.82	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	51590	3.84	ng	#	74
19) n-Nitroso-di-n-propylamine	7.41	70	119698	16.39	ng	#	81
25) Isophorone	7.41	82	762311	38.09	ng	#	65
49) Dimethylphthalate	9.61	163	99261	5.25	ng		97
50) 2,6-Dinitrotoluene	9.89	165	35807	8.77	ng	#	32
56) 2,4-Dinitrotoluene	9.89	165	35800	6.58	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.68	198	352	2.79	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	15511	3.18	ng	#	1
76) Benzidine	12.71	184	63353	4.58	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093065.D
Acq On : 21 Feb 2017 9:57
Operator : SJ/MA
Sample : I1897-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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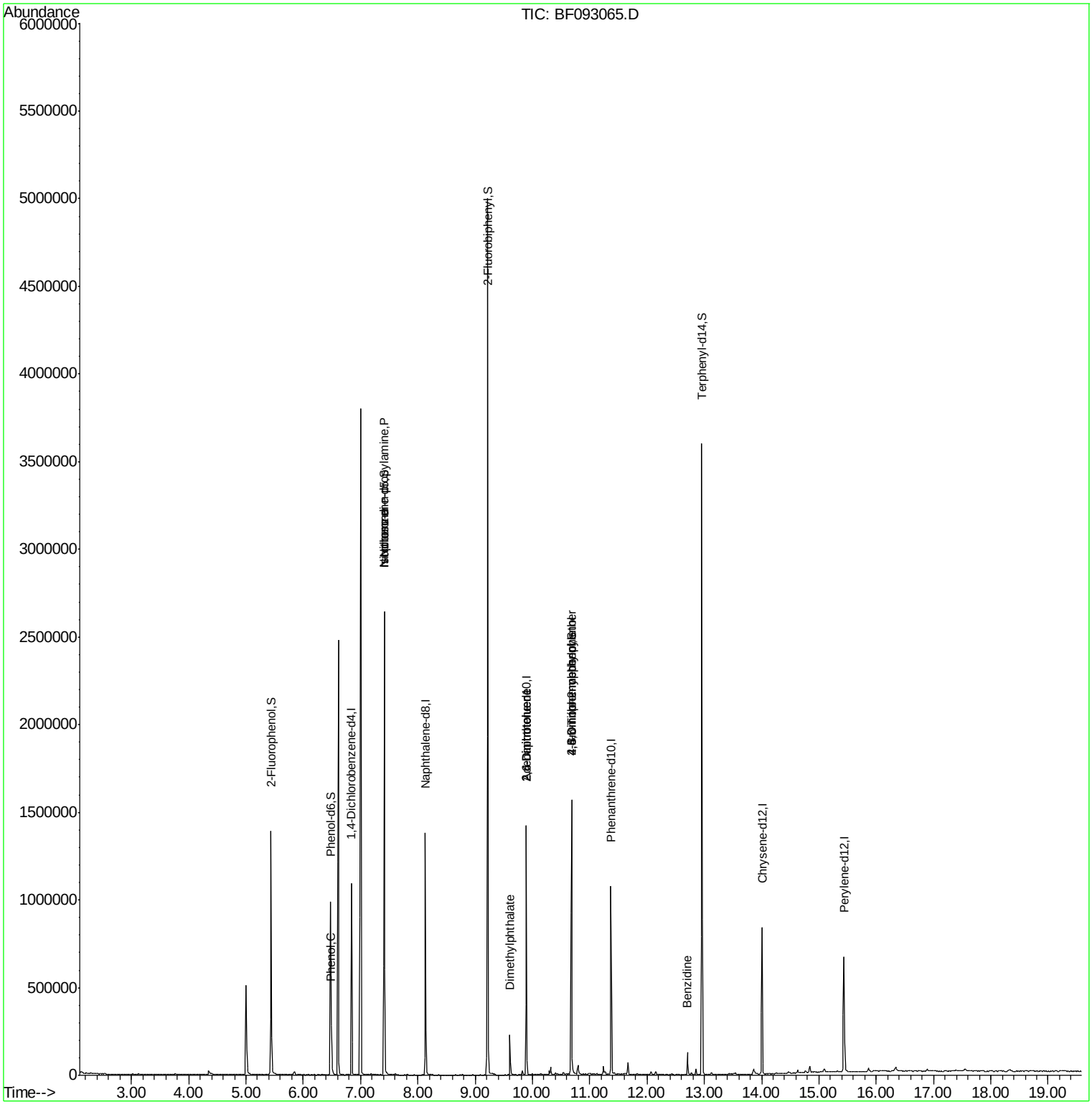
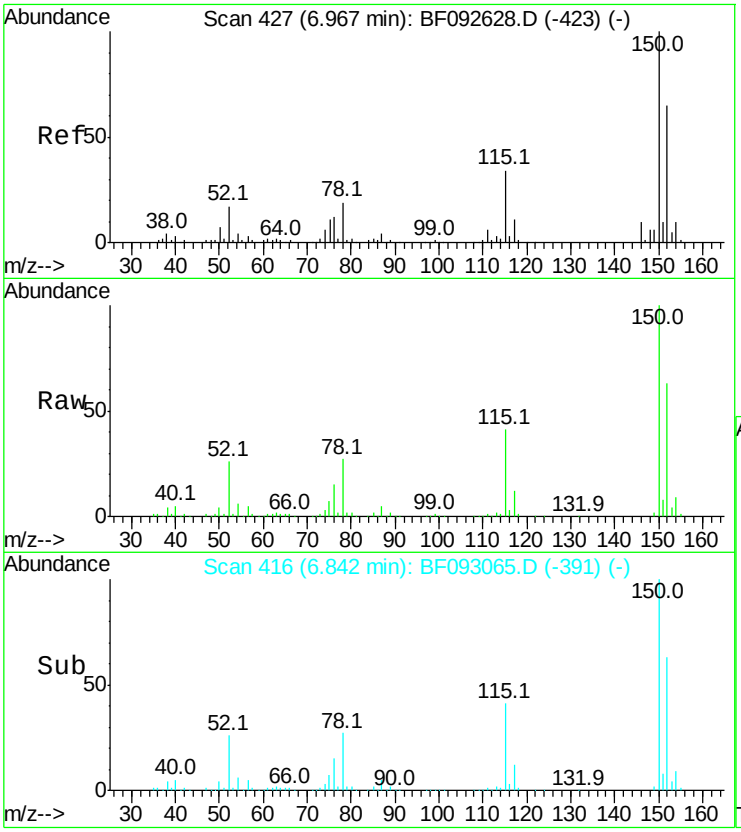


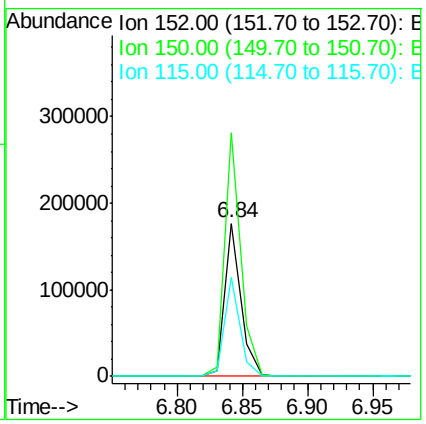


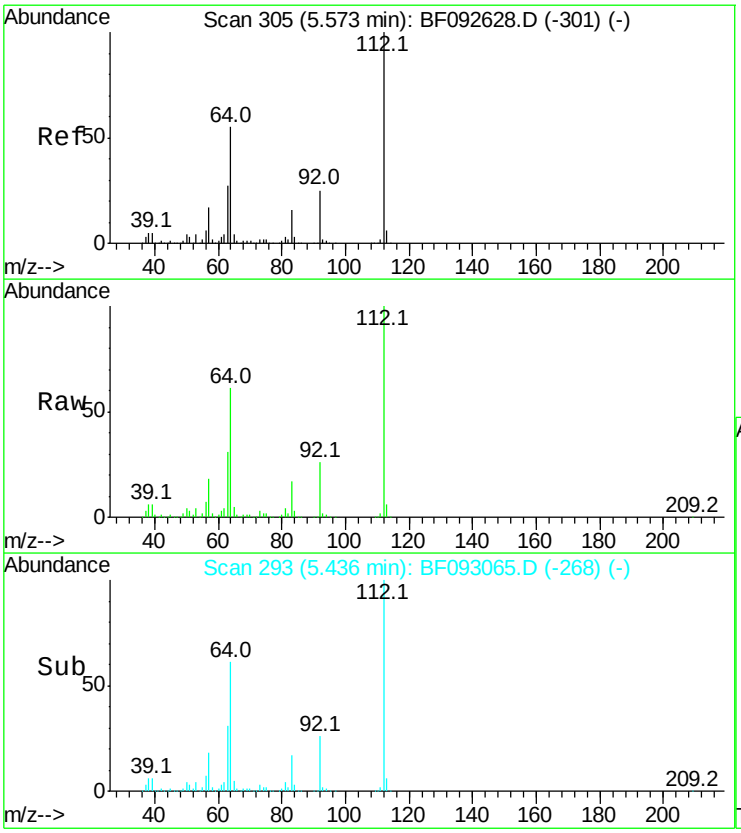
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152989

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	64.6	46.0	69.0

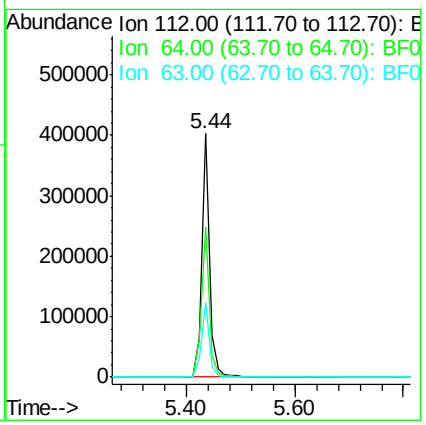


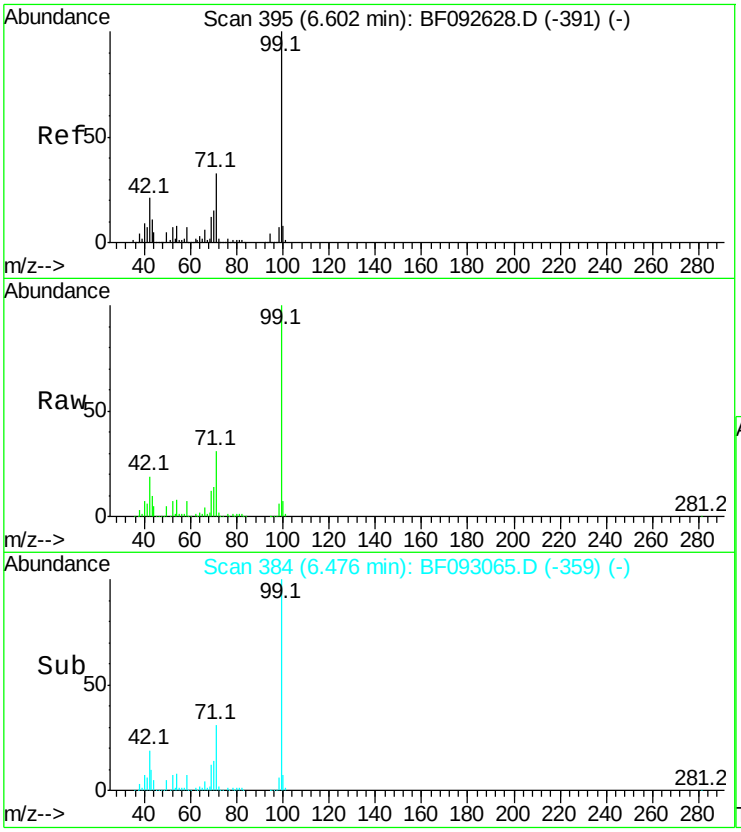


#5
2-Fluorophenol
Concen: 44.02 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:112 Resp: 392522

Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.1	69.1
63	30.6	23.8	35.6



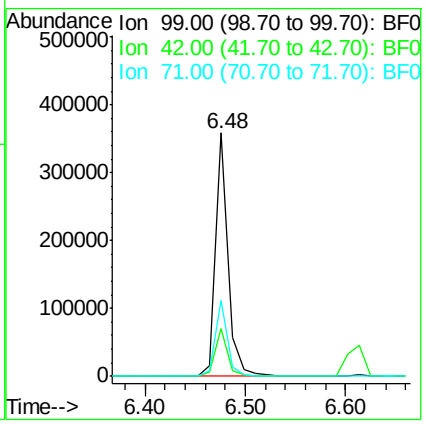


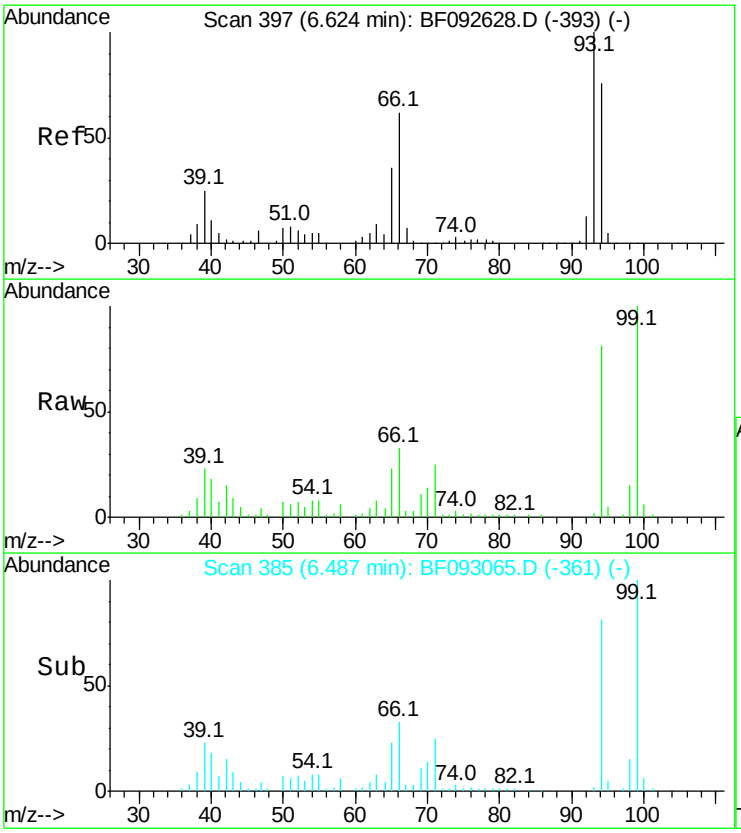
#7
Phenol-d6
Concen: 26.95 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 309217

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	31.2	27.5	41.3

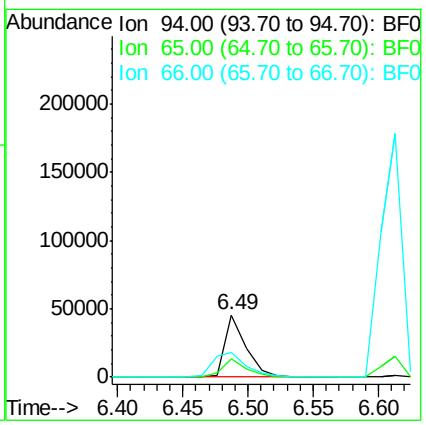


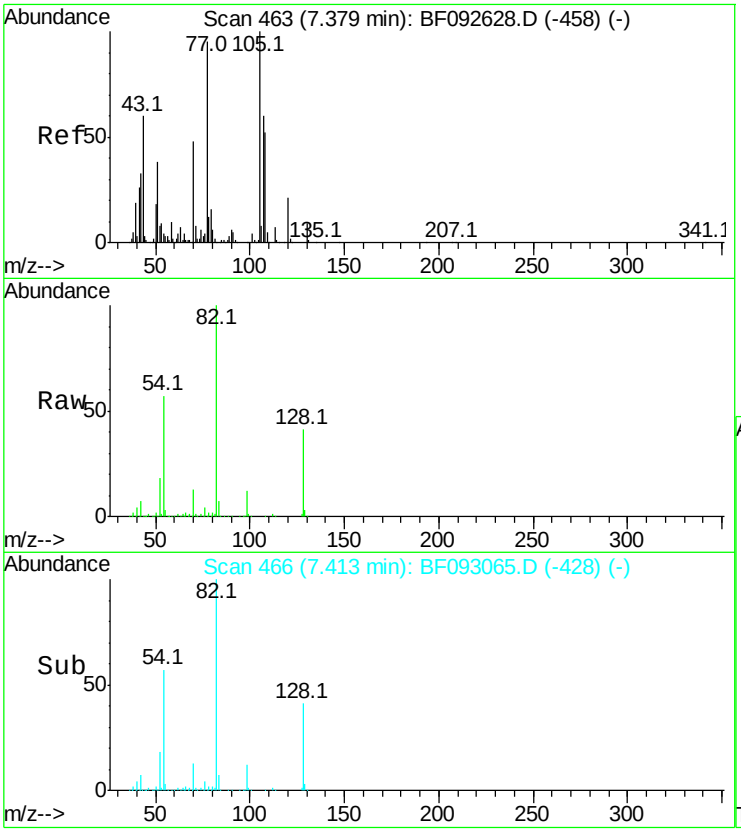


#10
Phenol
Concen: 3.84 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion: 94 Resp: 51590

Ion	Ratio	Lower	Upper
94	100		
65	28.8	21.4	61.4
66	40.4	44.0	84.0#



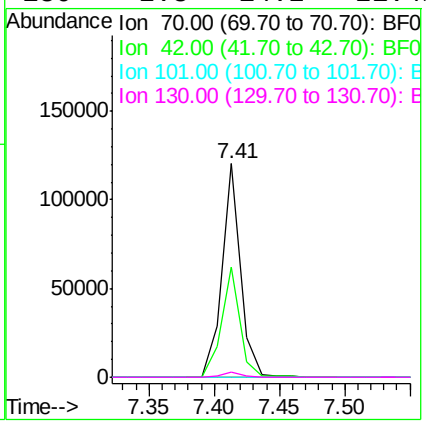


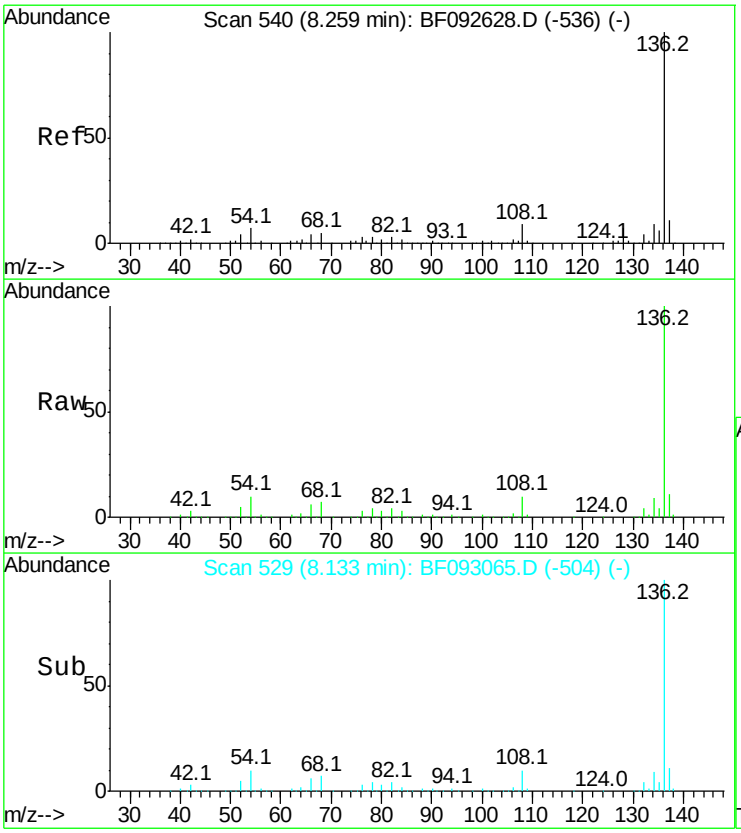
#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 119698

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

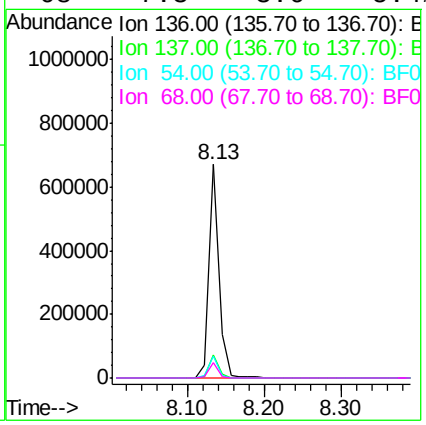


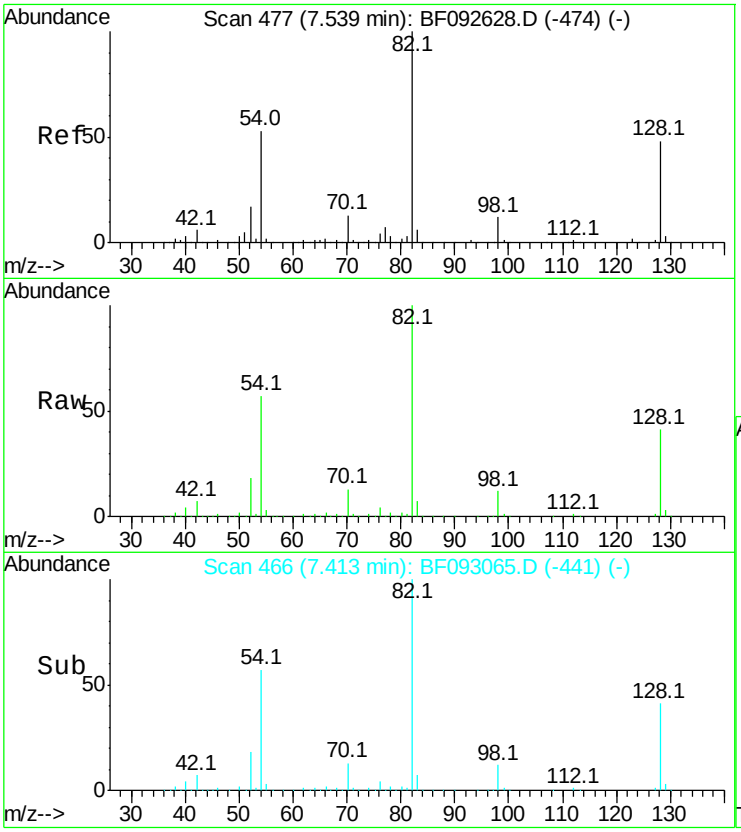


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:136 Resp: 598012

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.5	4.5	6.7#
68	7.3	3.6	5.4#



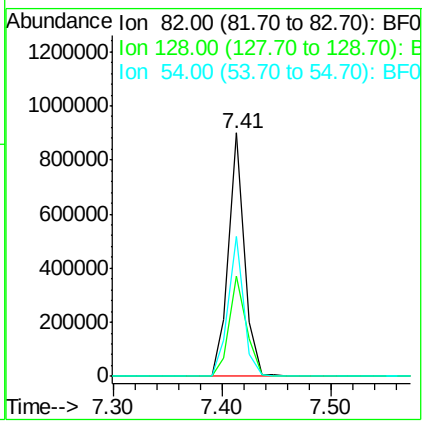


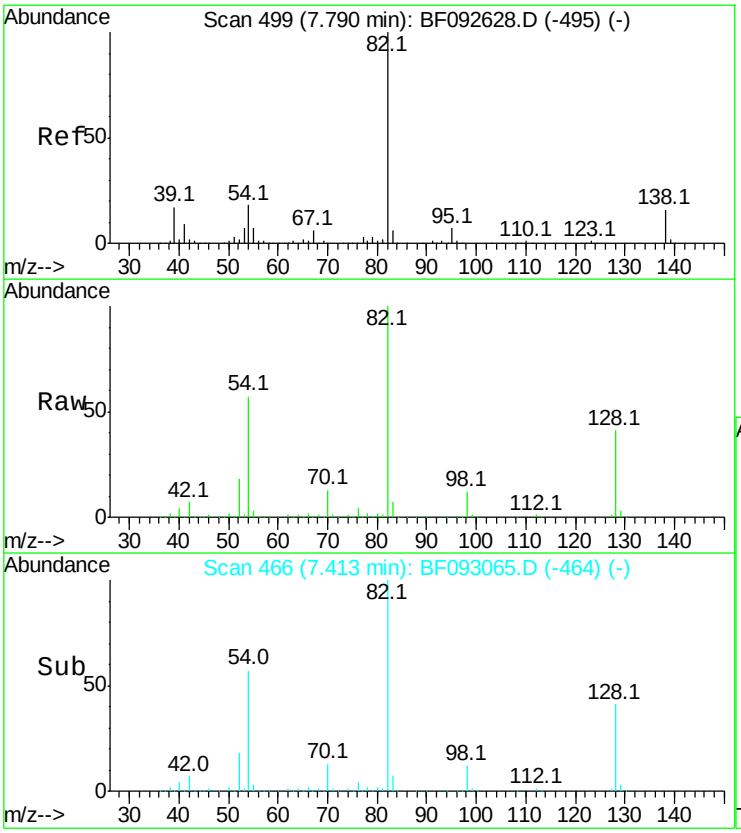
#23
Nitrobenzene-d5
Concen: 85.12 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 914057

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	57.4	39.5	59.3

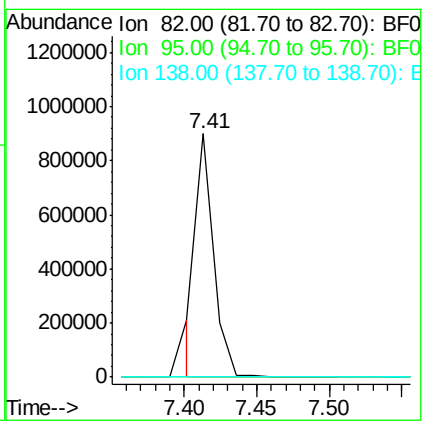


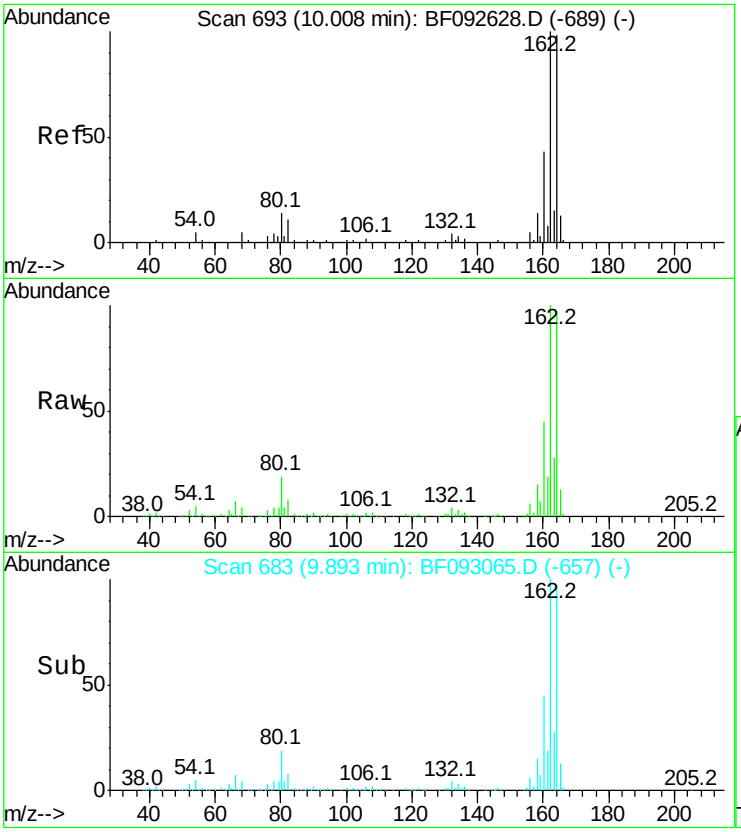


#25
Isophorone
Concen: 38.09 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion: 82 Resp: 762311

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



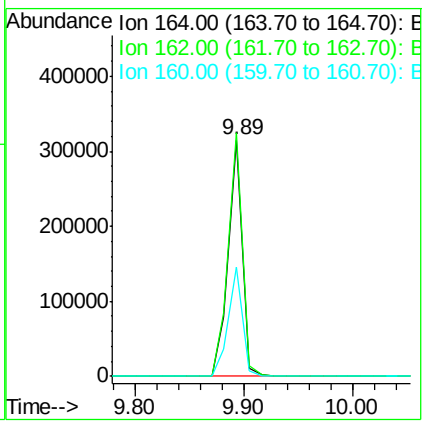


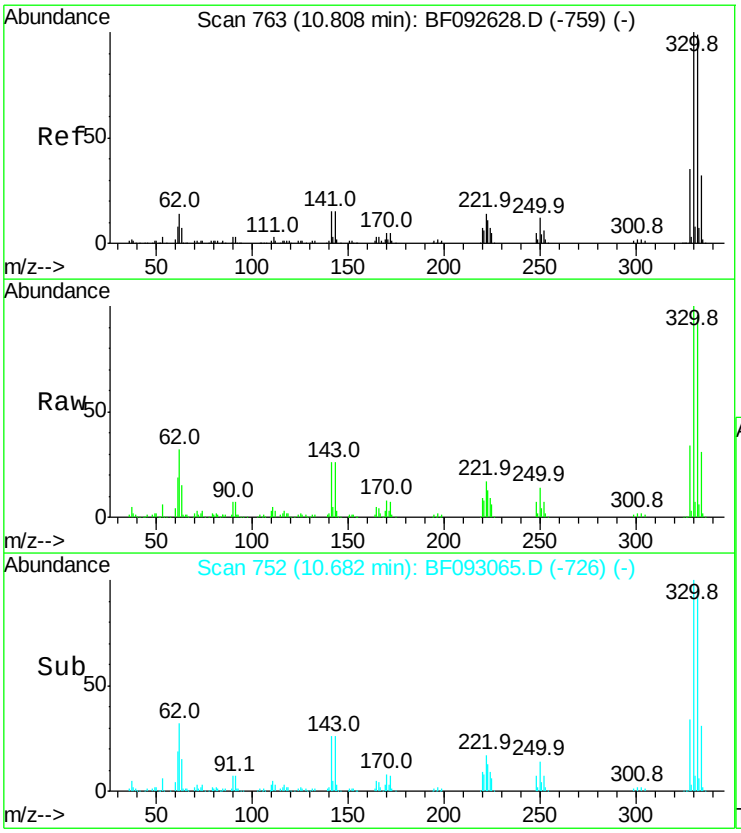
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 280802

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	46.1	36.9	55.3

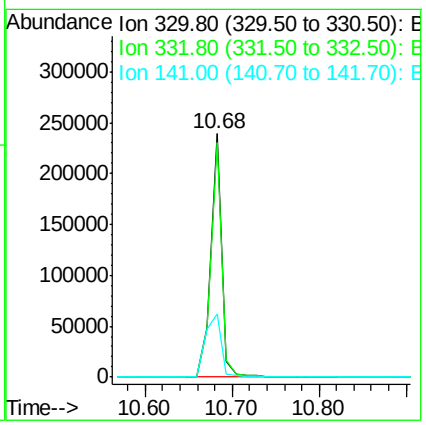


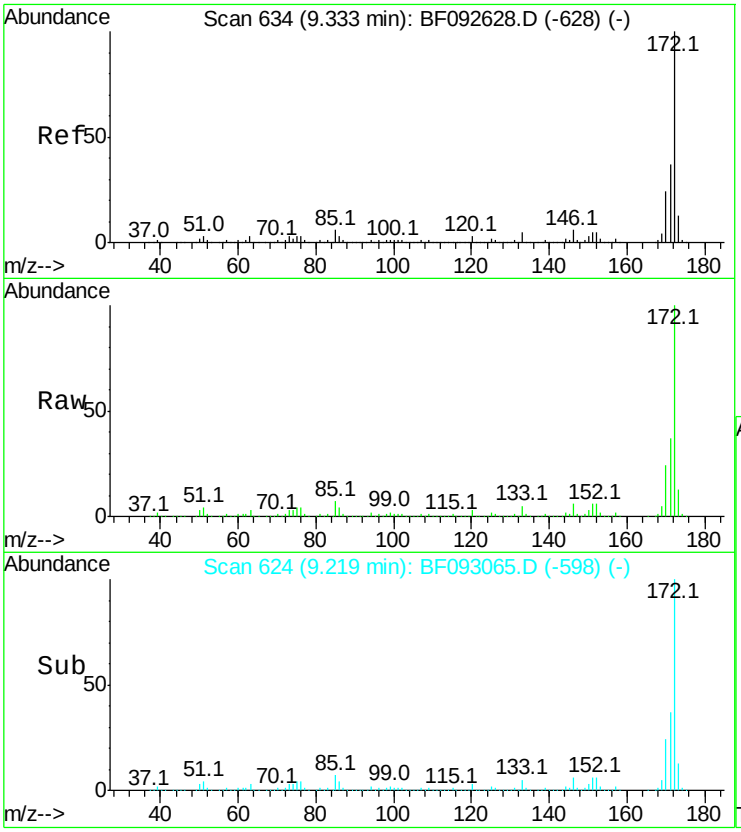


#41
2,4,6-Tribromophenol
Concen: 106.18 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:330 Resp: 215653

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	36.9	34.1	51.1



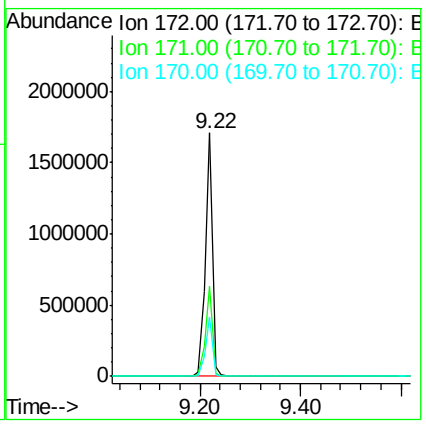


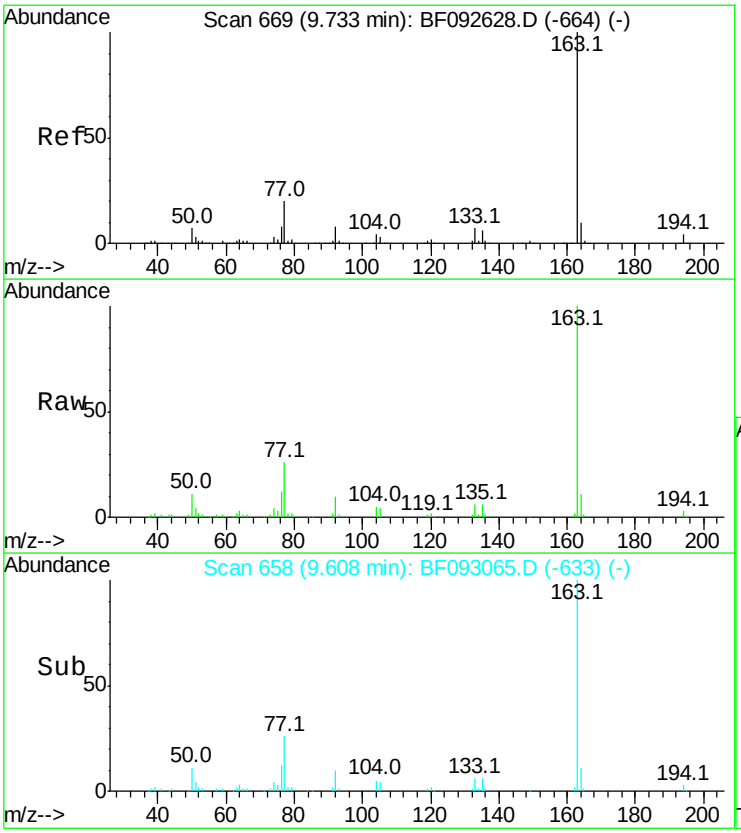
#44
2-Fluorobiphenyl
Concen: 107.82 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1671090

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.5	20.2	30.4

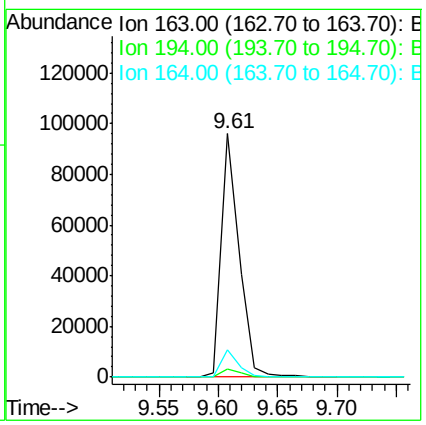


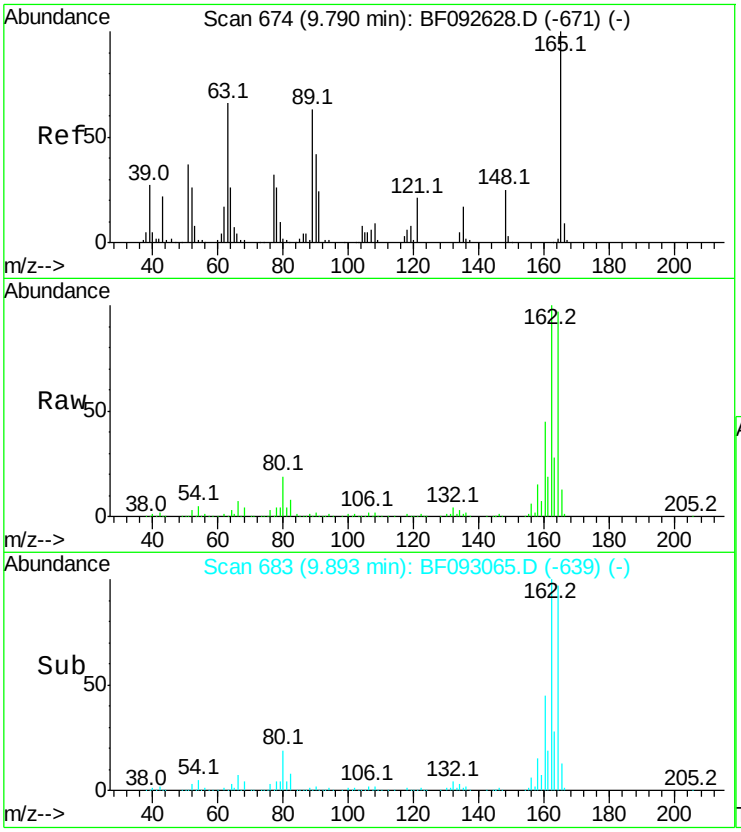


#49
Dimethylphthalate
Concen: 5.25 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:163 Resp: 99261

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	11.3	8.0	12.0



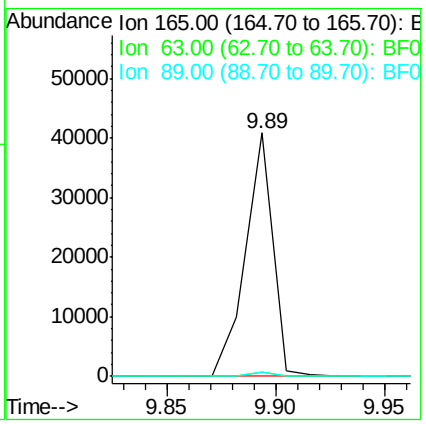


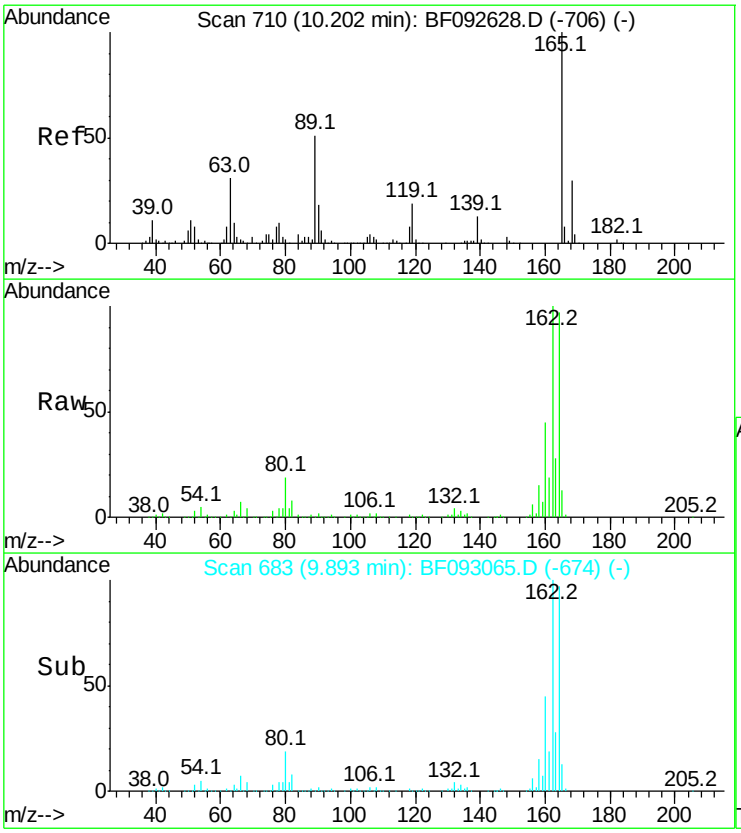
#50
2,6-Dinitrotoluene
Concen: 8.77 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.21 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35807

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.9	40.2	60.4#

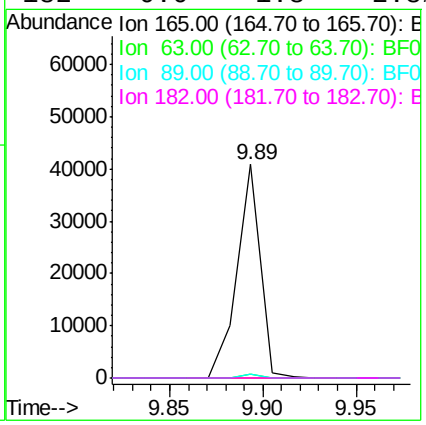


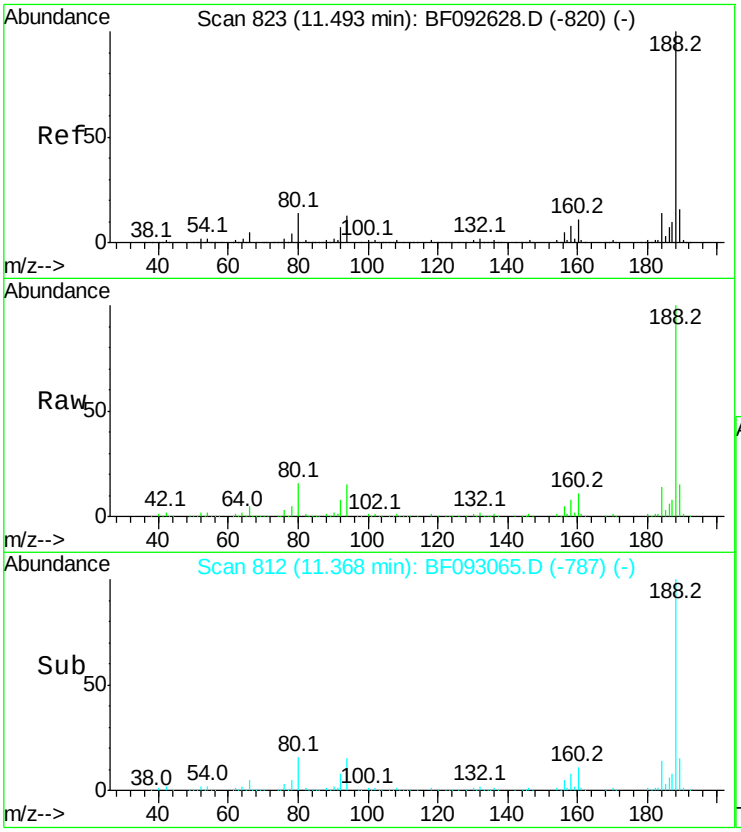


#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.19 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:165 Resp: 35800

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.9	62.5	93.7#
182	0.0	1.8	2.8#



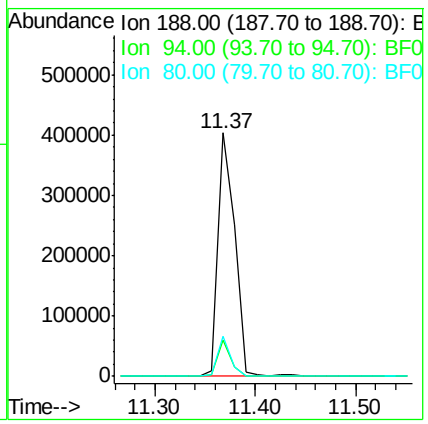


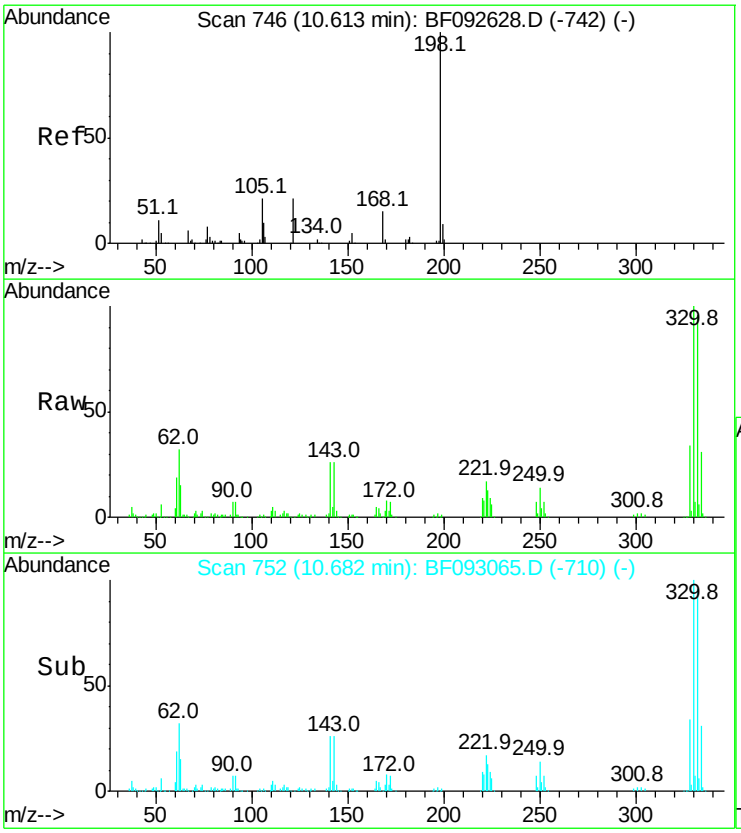
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 466416

Ion	Ratio	Lower	Upper
188	100		
94	14.8	10.0	15.0
80	16.4	11.2	16.8

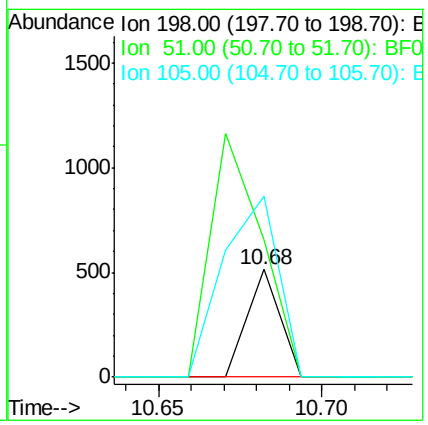


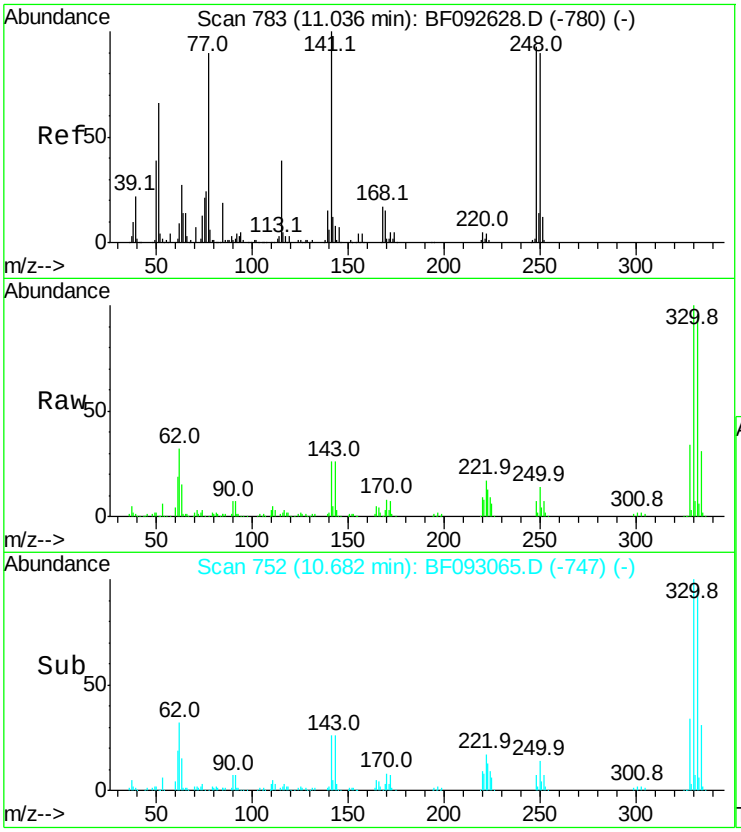


#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:198 Resp: 352

Ion	Ratio	Lower	Upper
198	100		
51	127.7	6.7	46.7#
105	167.8	16.6	56.6#



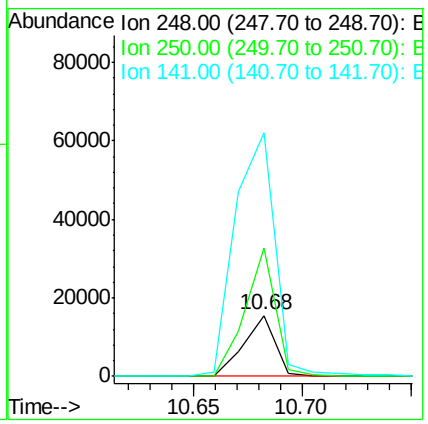


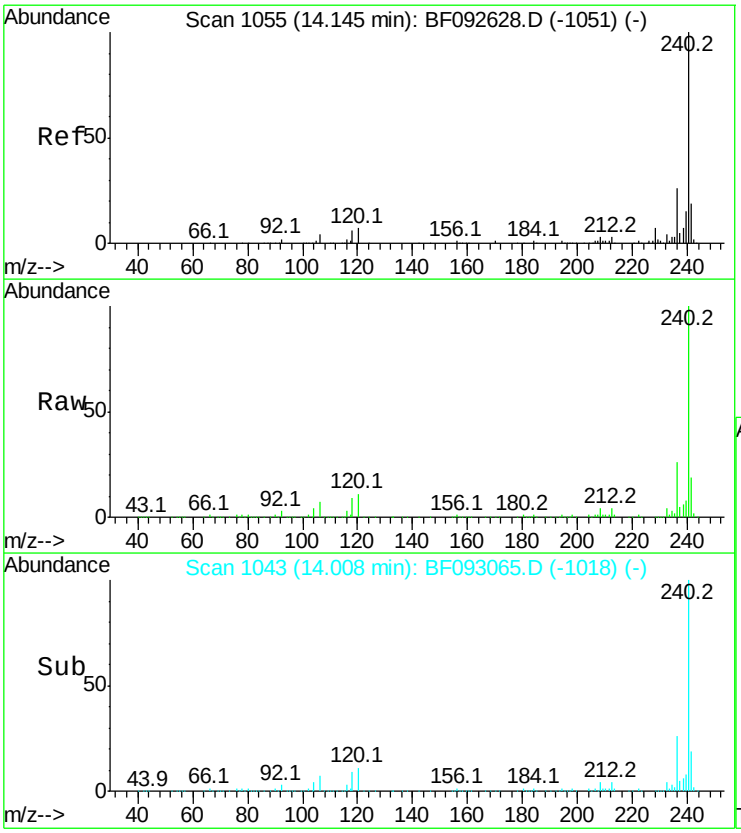
#66
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15511

Ion	Ratio	Lower	Upper
248	100		
250	209.8	76.9	115.3#
141	397.7	68.2	102.4#

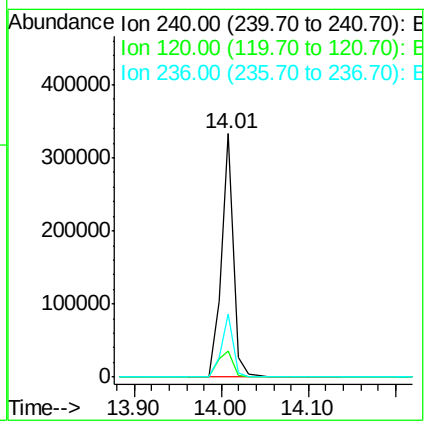


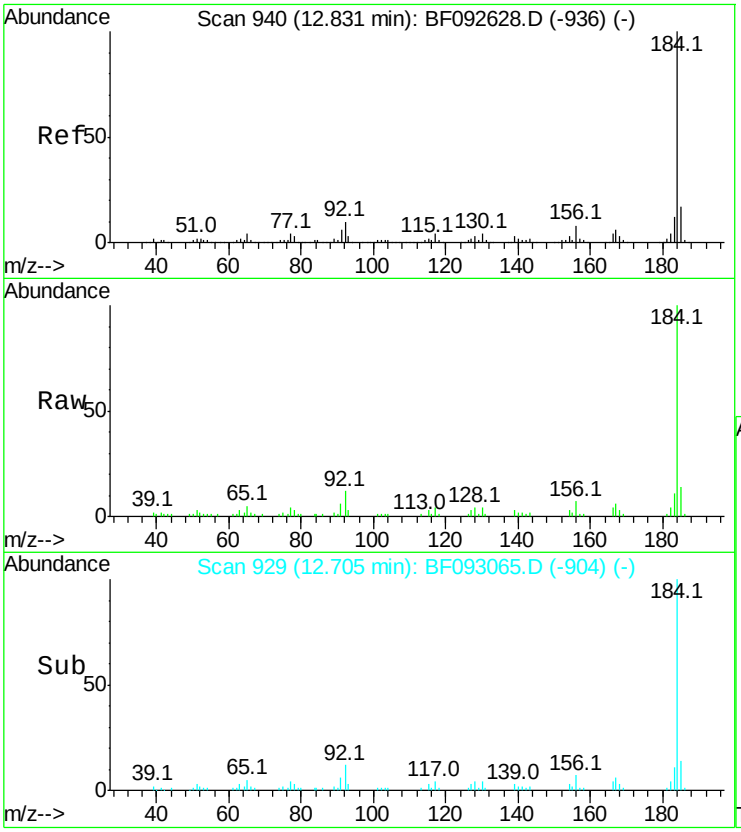


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:240 Resp: 324783

Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	26.1	20.9	31.3



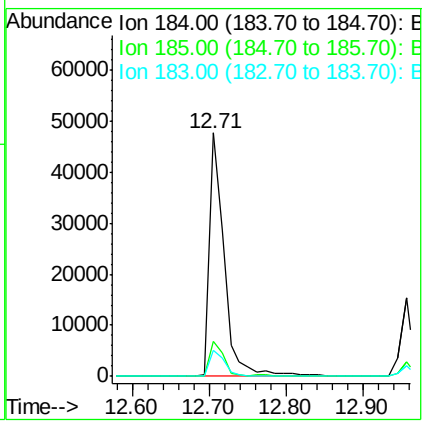


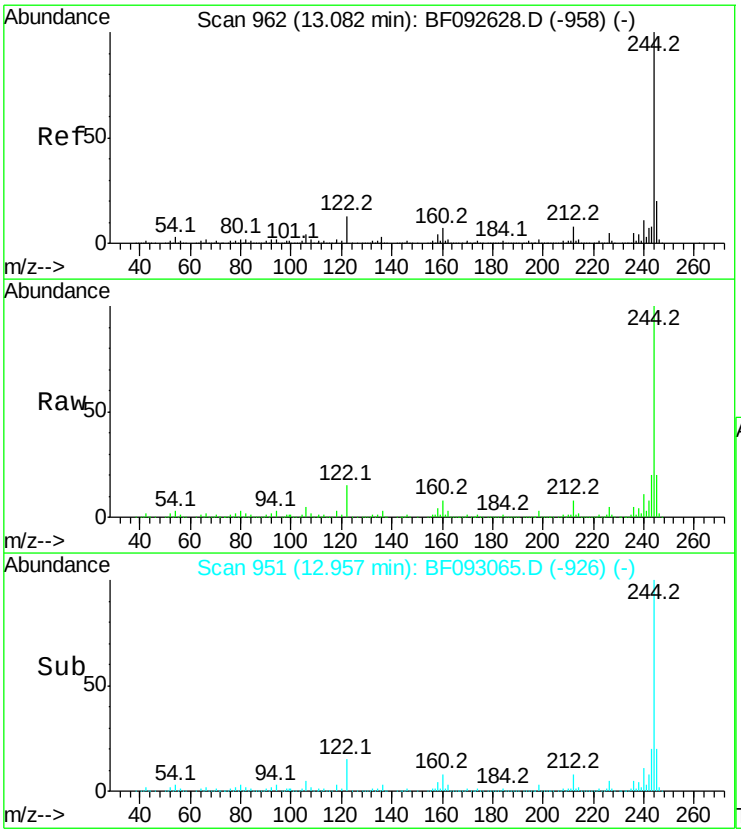
#76
Benzidine
Concen: 4.58 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 63353

Ion	Ratio	Lower	Upper
184	100		
185	14.2	13.4	20.0
183	10.8	9.2	13.8

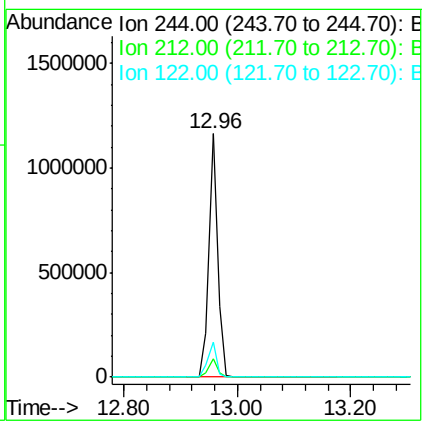


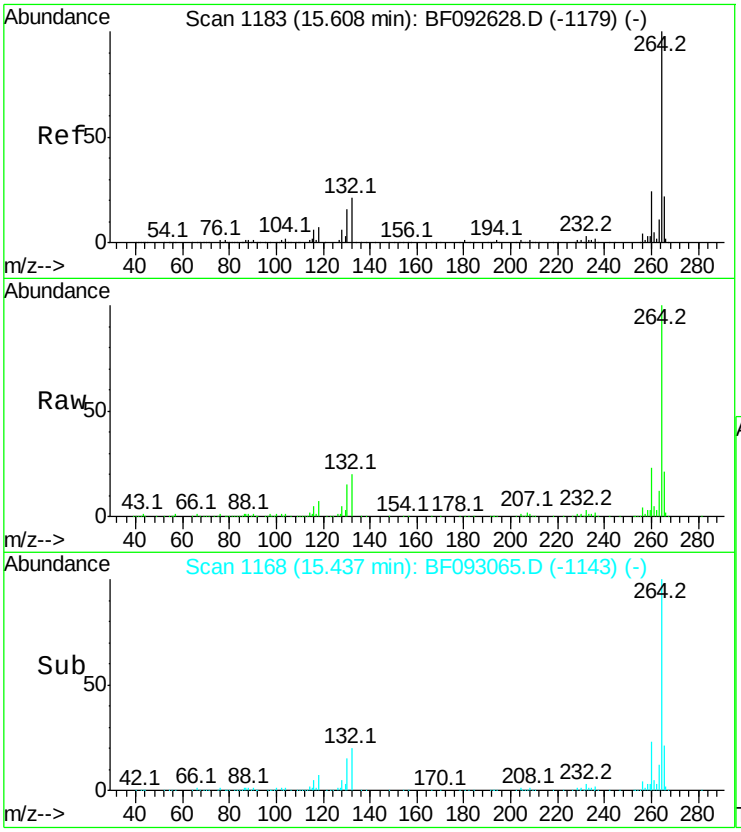


#78
Terphenyl-d14
Concen: 85.82 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Tgt Ion:244 Resp: 1186307

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.5	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093065.D
Acq: 21 Feb 2017 9:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 289472

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.4	26.0