Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
Data File : BF092695.D
Acq On : 31 Jan 2017 21:46
Operator : SJ/MA
Sample : I1596-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-24

Quant Time: Feb 01 00:22:15 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	181471	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	716808	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	377356	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	588337	20.00	ng	0.00
75) Chrysene-d12	14.12	240	496841	20.00	ng	-0.02
86) Perylene-d12	15.60	264	391064	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	685882	64.84	ng	-0.02
7) Phenol-d6	6.58	99	563147	41.38	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1144370	88.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	351797	128.90	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1841991	88.43	ng	-0.01
78) Terphenyl-d14	13.07	244	1590505	75.22	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.52	117	62288	13.19	ng	# 2
19) n-Nitroso-di-n-propylamine	7.52	70	157862	18.22	ng	# 81
25) Isophorone	7.52	82	1086502	45.30	ng	# 65
32) Benzoic acid	8.01	122	235	7.20	ng	# 1
49) Dimethylphthalate	9.71	163	74903	2.95	ng	98
53) 2,4-Dinitrophenol	10.14	184	596	4.94	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	1221	2.99	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	27755	4.52	ng	# 1

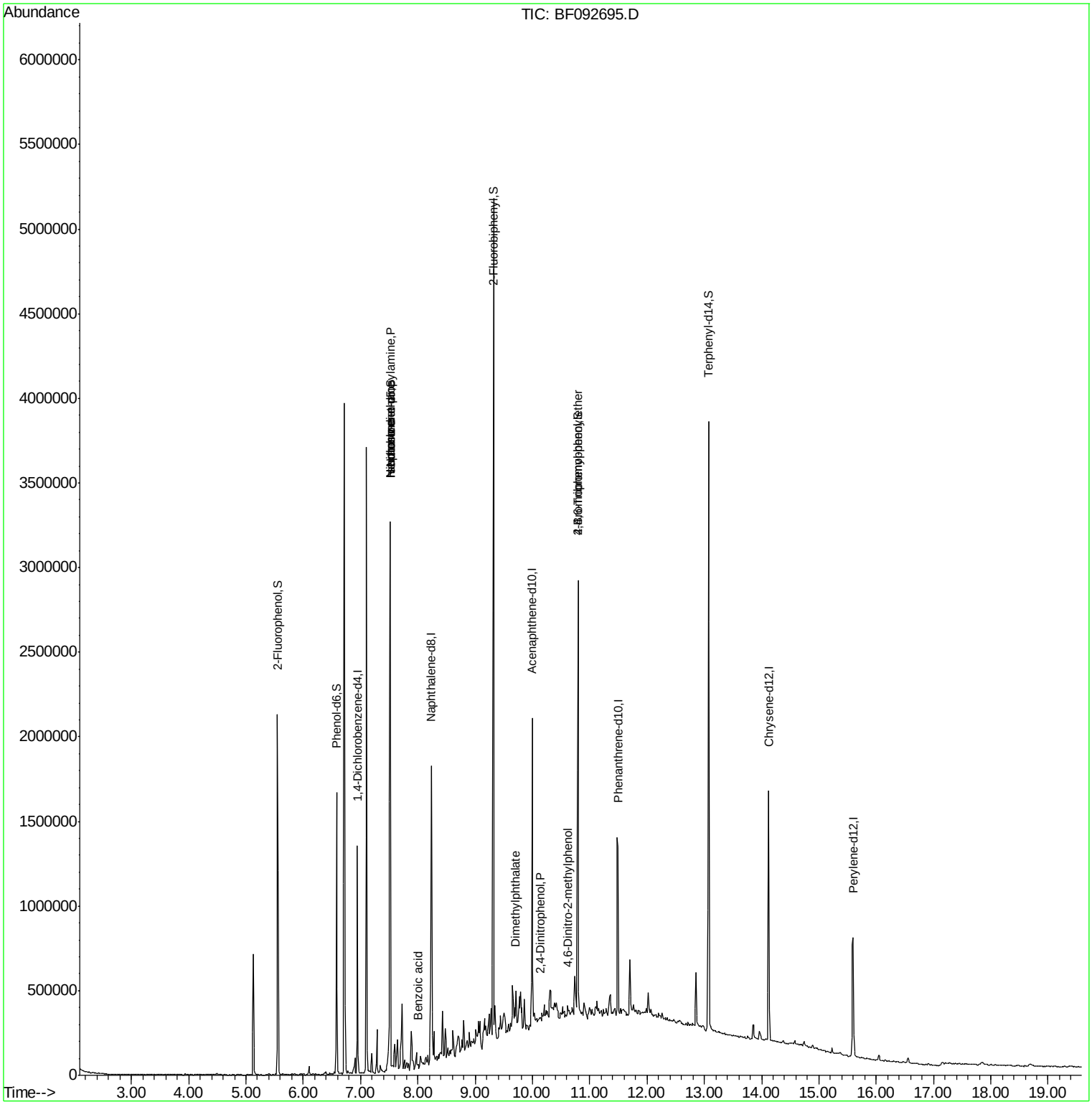
(#) = qualifier out of range (m) = manual integration (+) = signals summed

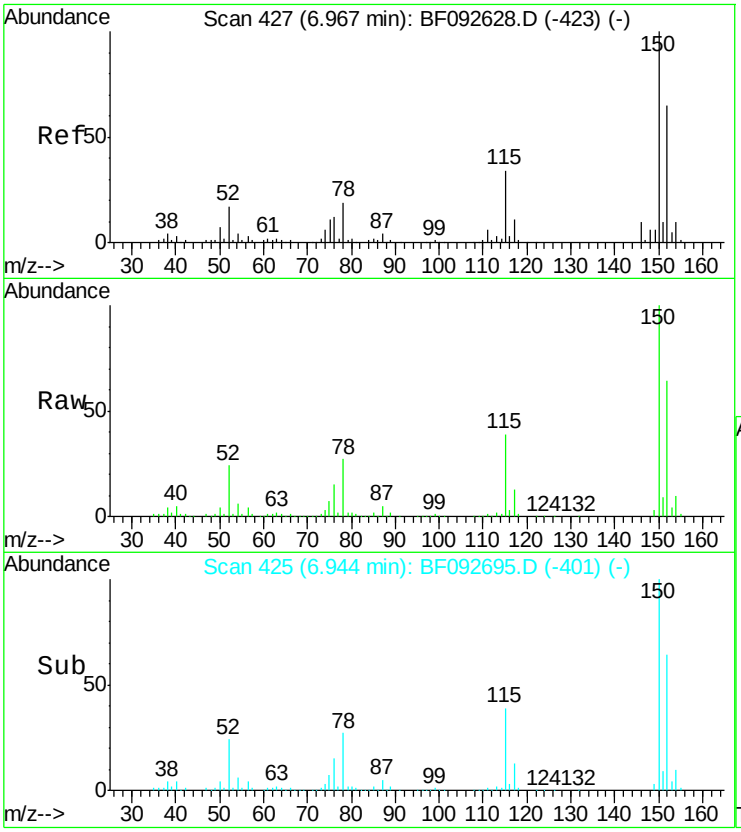
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013117\
Data File : BF092695.D
Acq On : 31 Jan 2017 21:46
Operator : SJ/MA
Sample : I1596-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-24

Quant Time: Feb 01 00:22:15 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



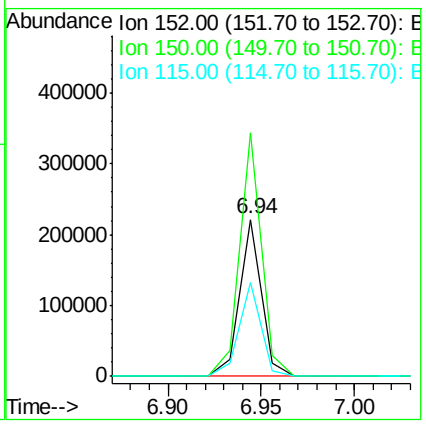


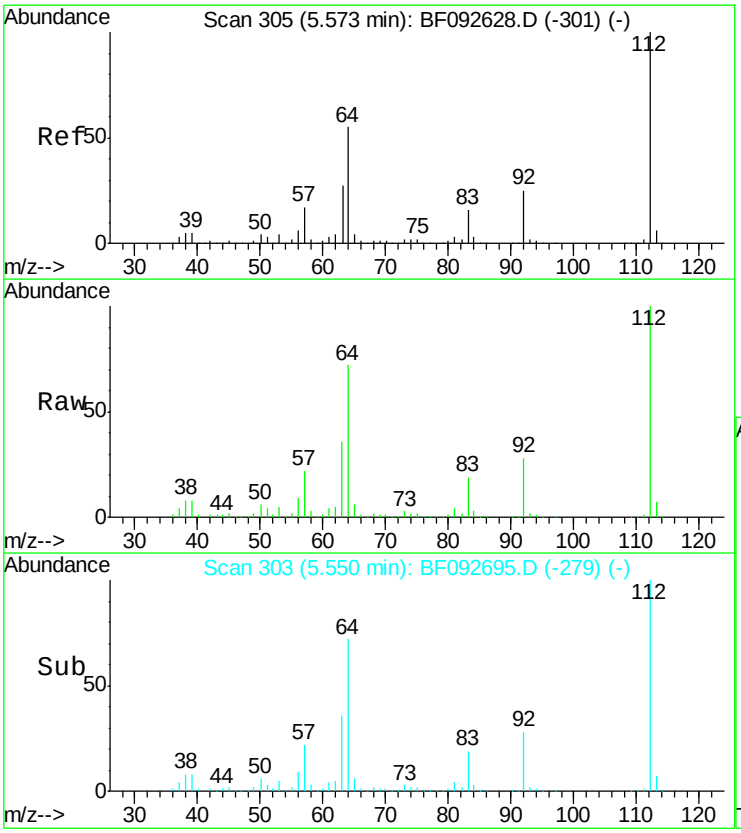
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 181471

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	60.2	46.0	69.0

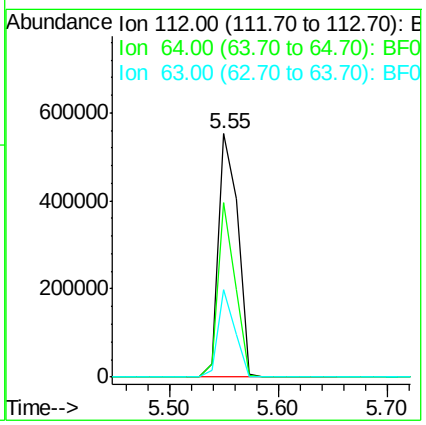


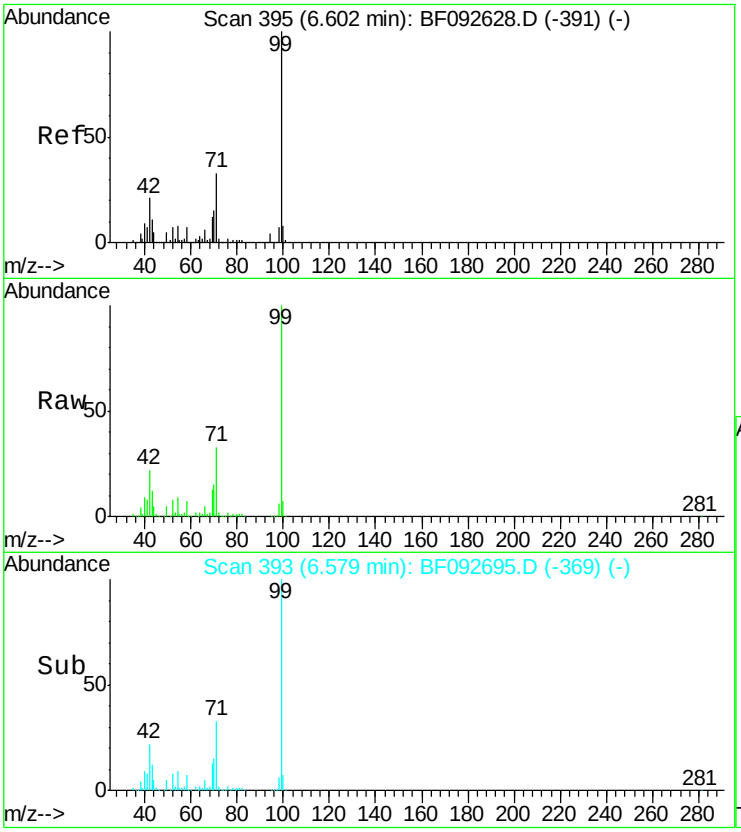


#5
2-Fluorophenol
Concen: 64.84 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:112 Resp: 685882

Ion	Ratio	Lower	Upper
112	100		
64	71.7	46.1	69.1#
63	35.7	23.8	35.6#



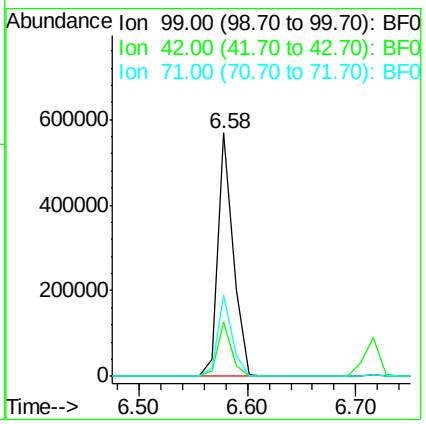


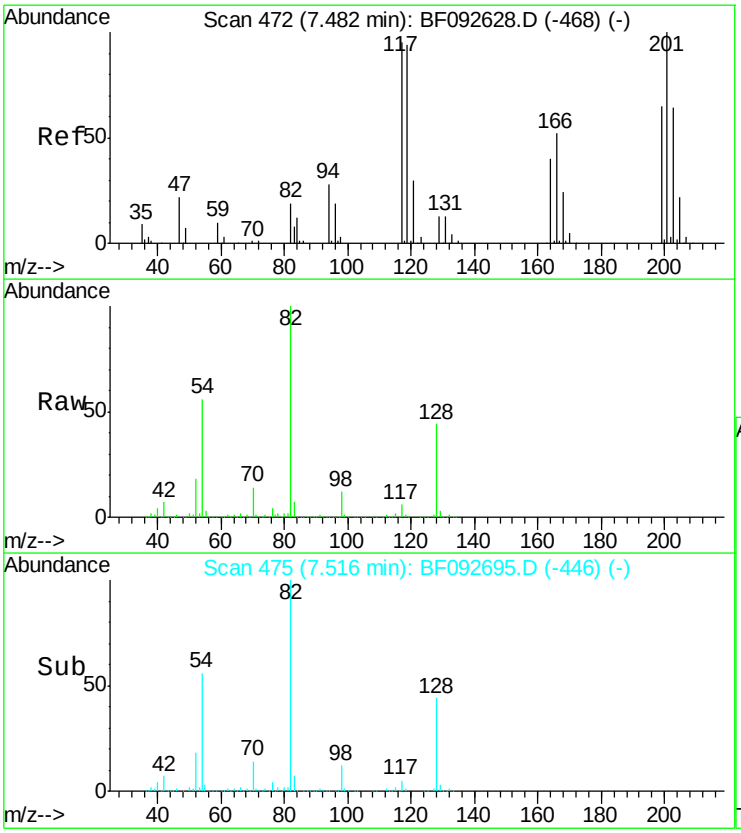
#7
Phenol-d6
Concen: 41.38 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 99 Resp: 563147

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.6	23.4
71	33.4	27.5	41.3

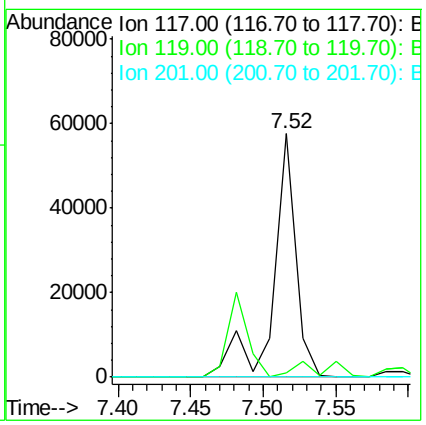


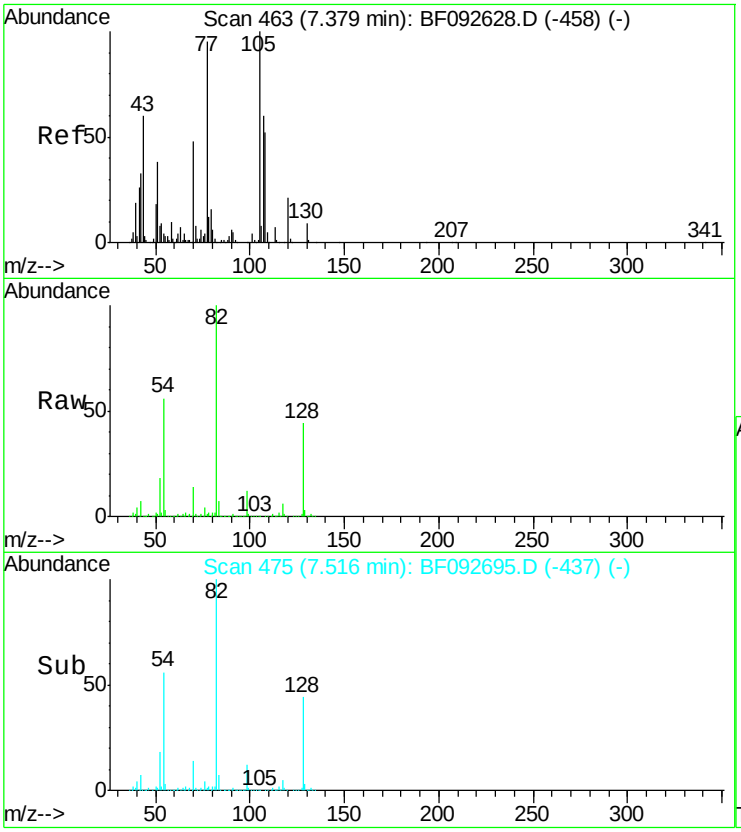


#18
Hexachloroethane
Concen: 13.19 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.03 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:117 Resp: 62288

Ion	Ratio	Lower	Upper
117	100		
119	2.0	78.1	117.1#
201	0.0	78.6	117.8#



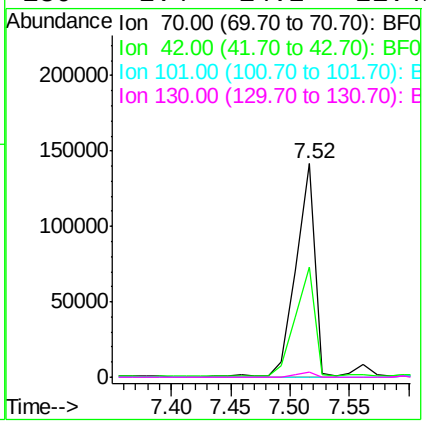


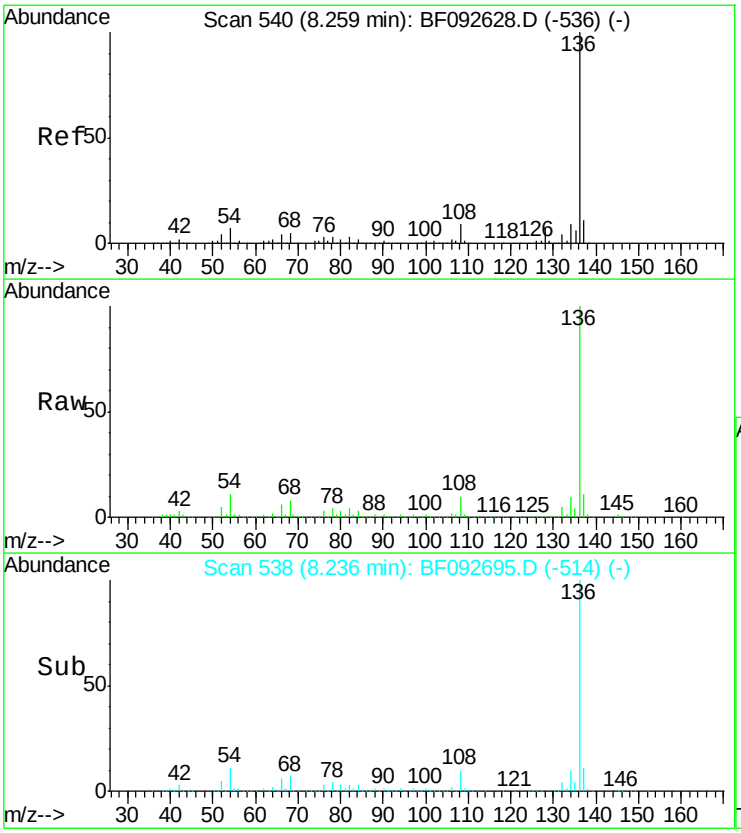
#19
n-Nitroso-di-n-propylamine
Concen: 18.22 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 70 Resp: 157862

Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

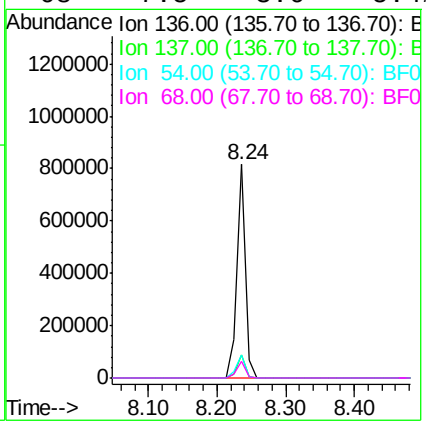


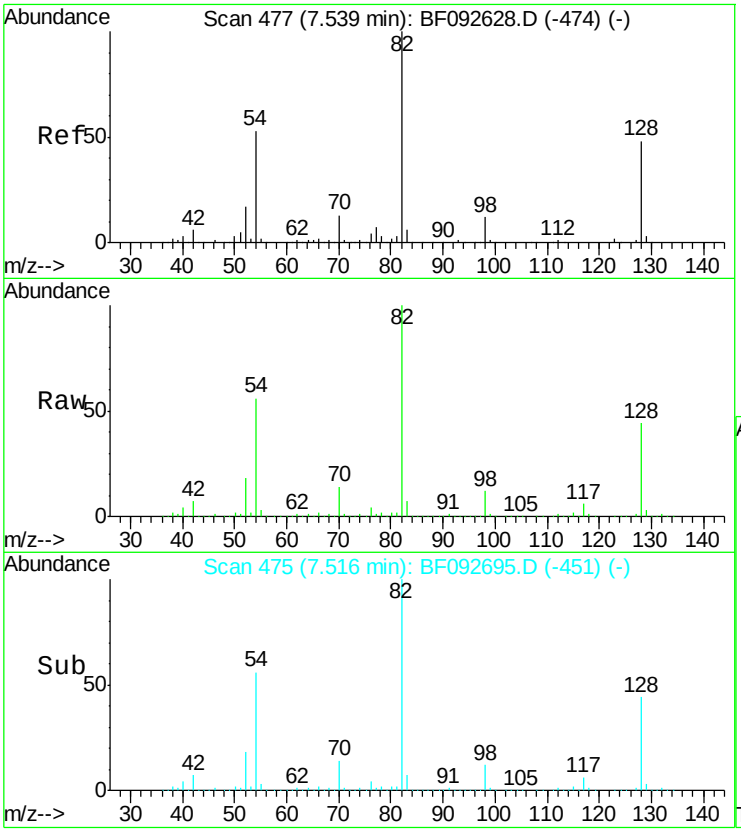


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:136 Resp: 716808

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	4.5	6.7#
68	7.5	3.6	5.4#



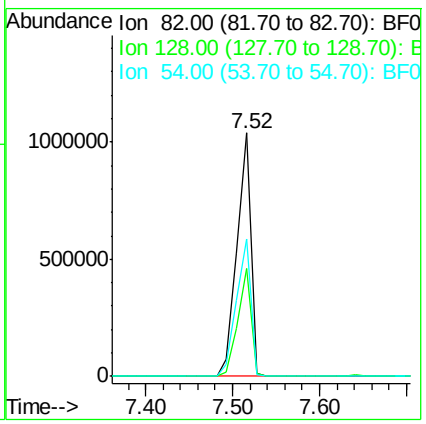


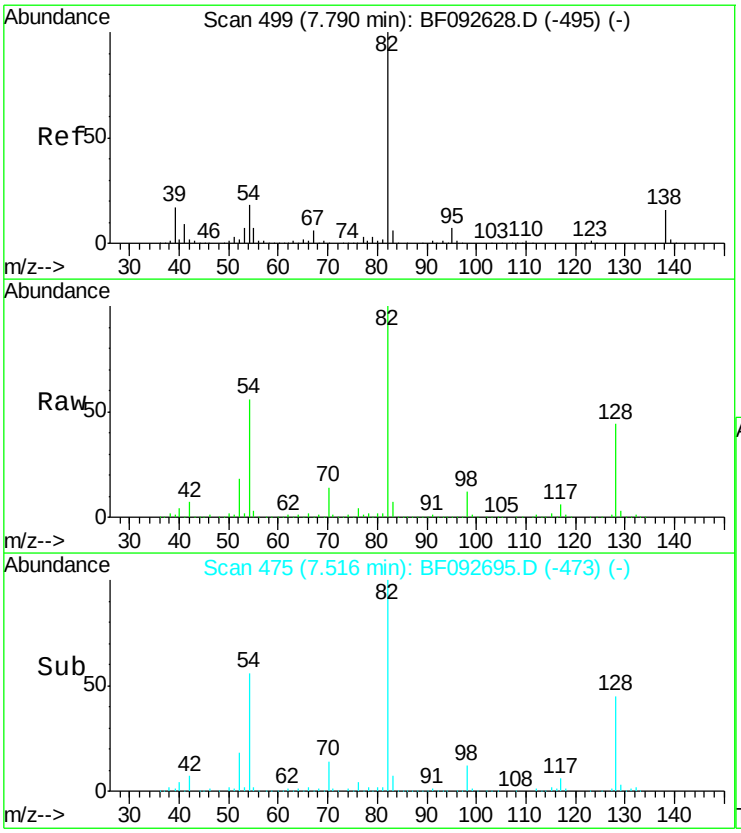
#23
Nitrobenzene-d5
Concen: 88.90 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion: 82 Resp: 1144370

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	52.0
54	56.4	39.5	59.3

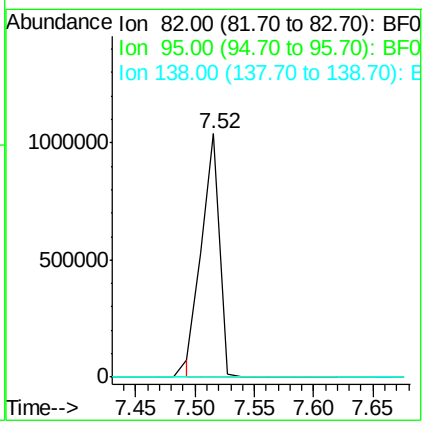


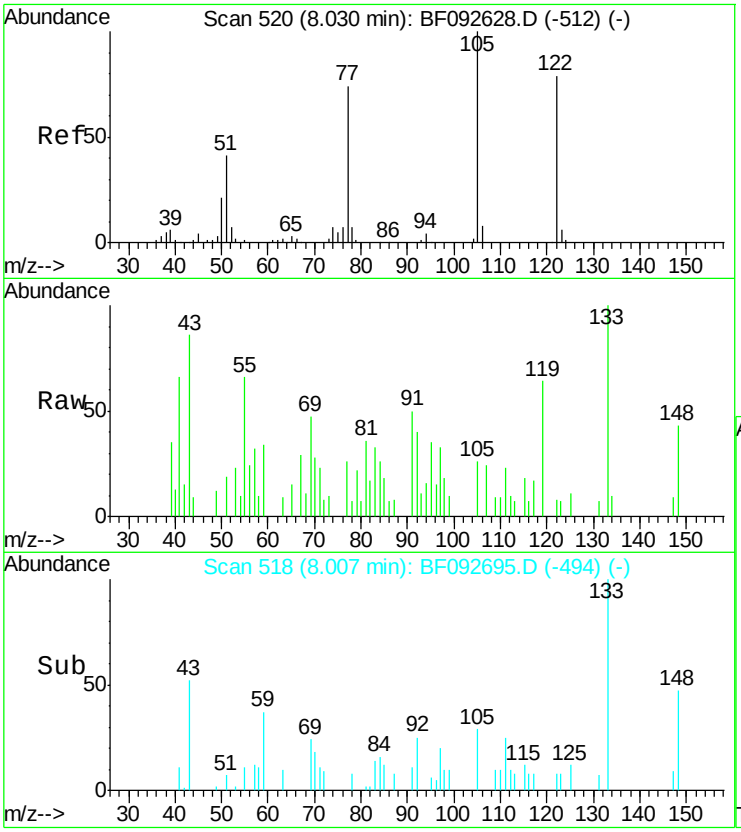


#25
Isophorone
Concen: 45.30 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion: 82 Resp: 1086502

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



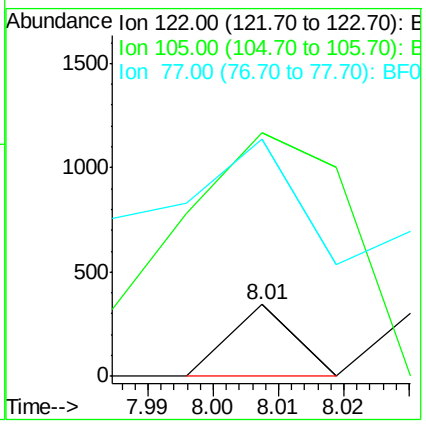


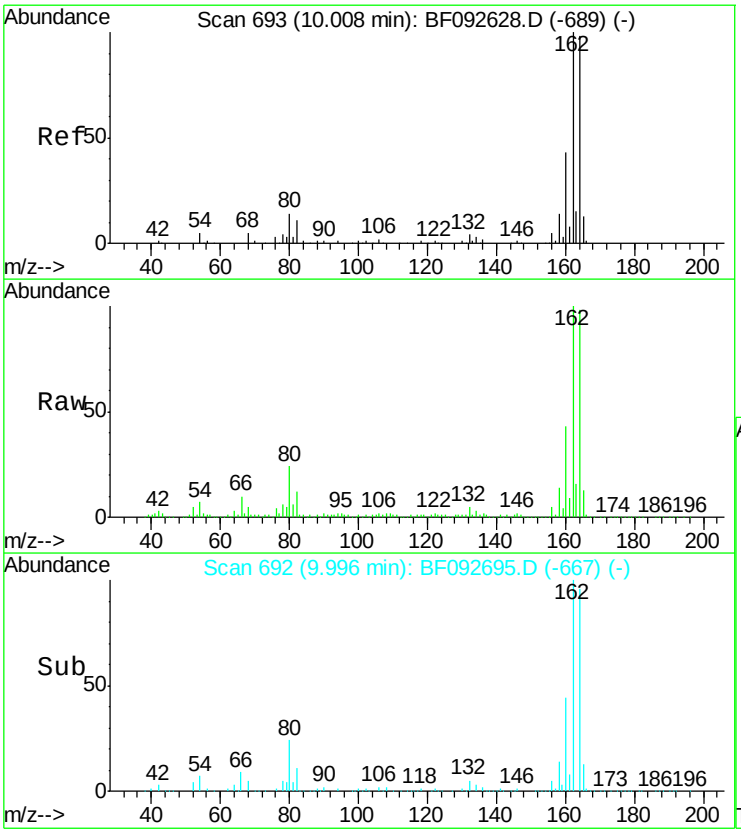
#32
Benzoic acid
Concen: 7.20 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:122 Resp: 235

Ion	Ratio	Lower	Upper
122	100		
105	340.2	107.2	147.2#
77	331.5	74.5	114.5#

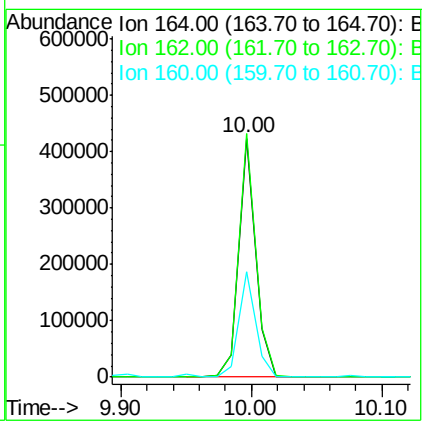


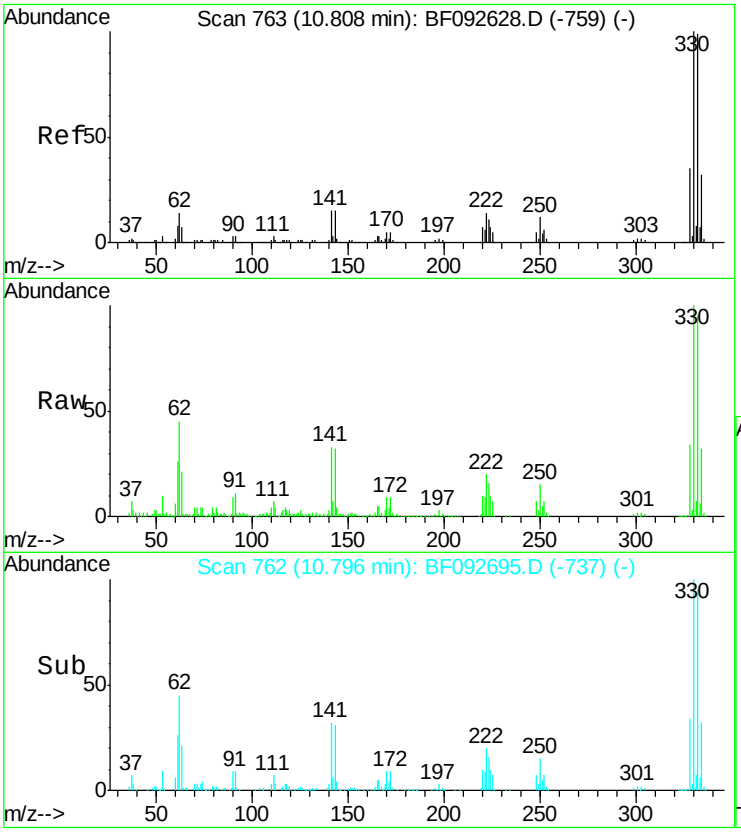


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:164 Resp: 377356

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.2	120.2
160	44.3	36.9	55.3



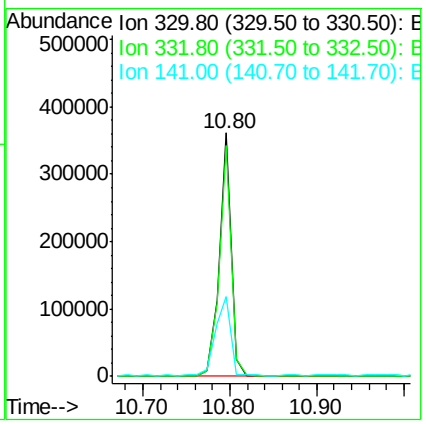


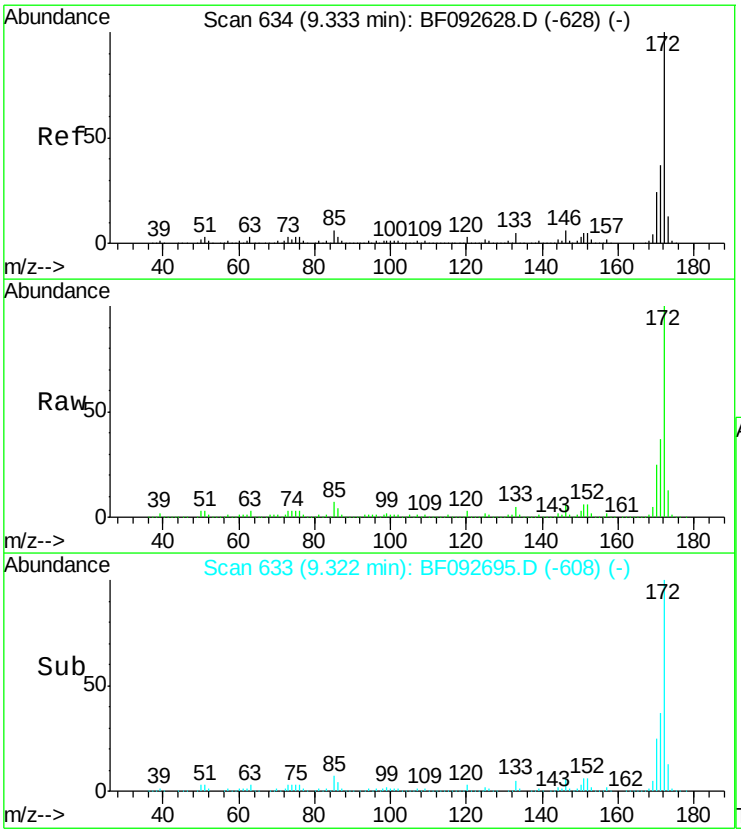
#41
2,4,6-Tribromophenol
Concen: 128.90 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:330 Resp: 351797

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	40.1	34.1	51.1

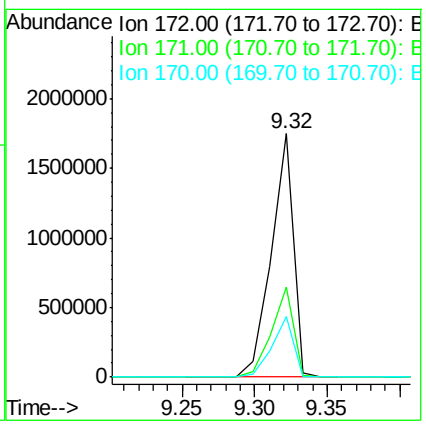


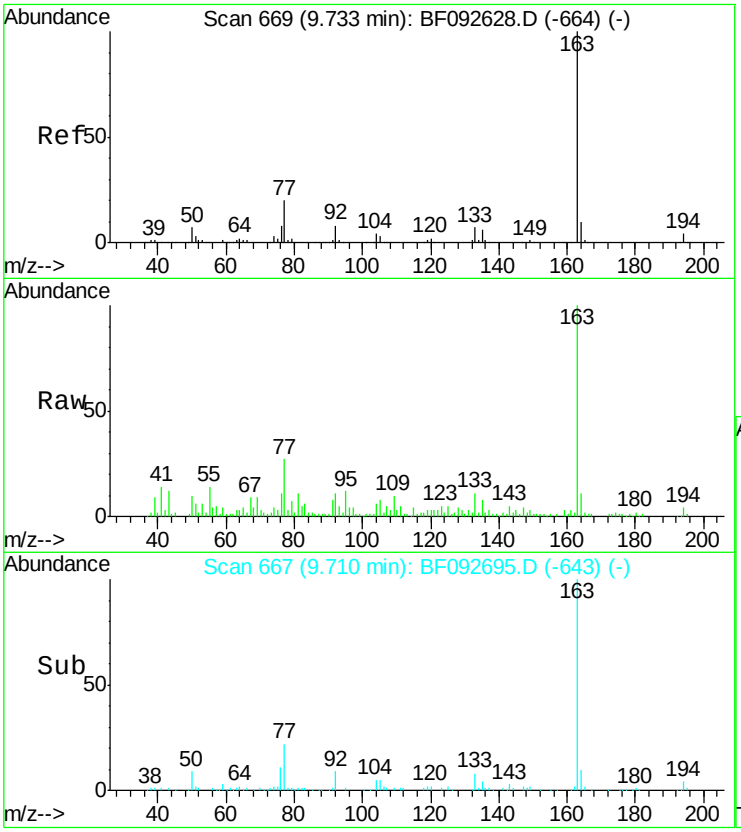


#44
2-Fluorobiphenyl
Concen: 88.43 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:172 Resp: 1841991

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	20.2	30.4



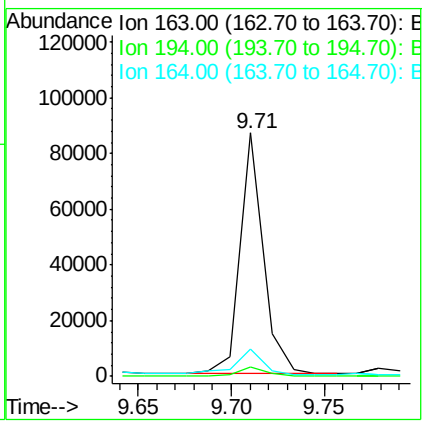


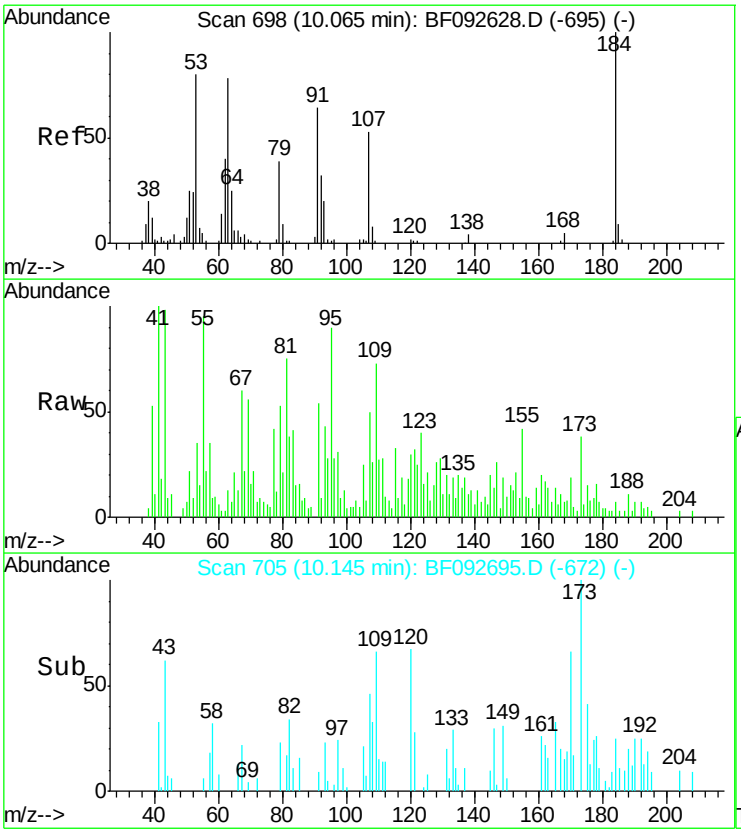
#49
Dimethylphthalate
Concen: 2.95 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:163 Resp: 74903

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	11.1	8.0	12.0

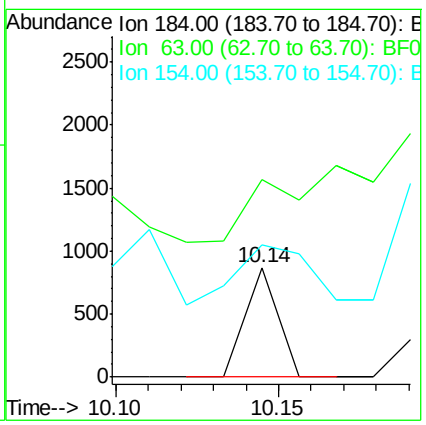


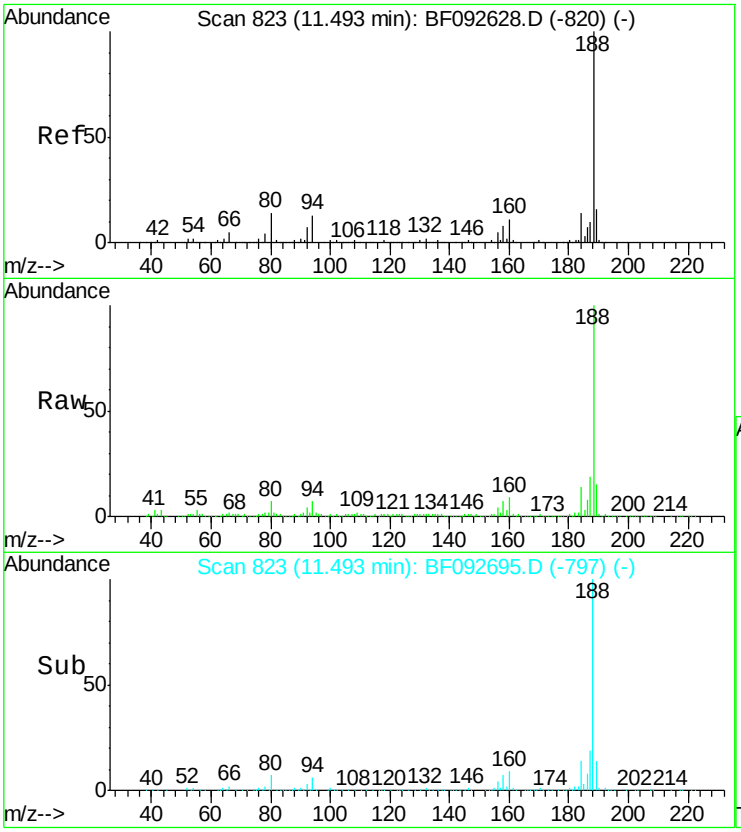


#53
2,4-Dinitrophenol
Concen: 4.94 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.08 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:184 Resp: 596

Ion	Ratio	Lower	Upper
184	100		
63	180.7	28.4	42.6#
154	120.8	44.3	66.5#



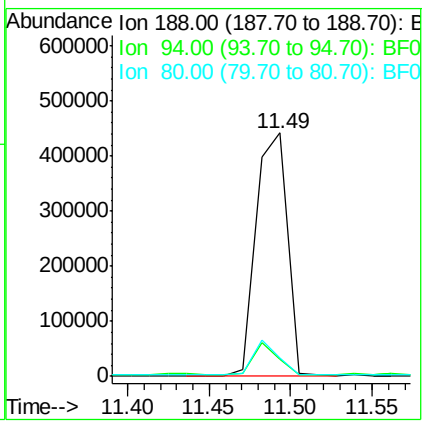


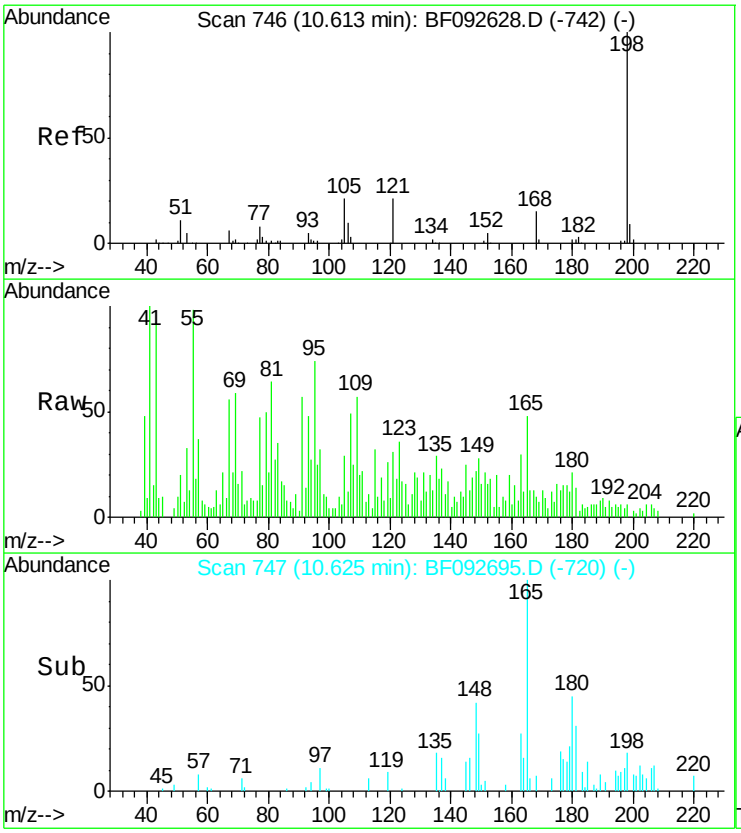
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:188 Resp: 588337

Ion	Ratio	Lower	Upper
188	100		
94	7.2	10.0	15.0#
80	7.3	11.2	16.8#

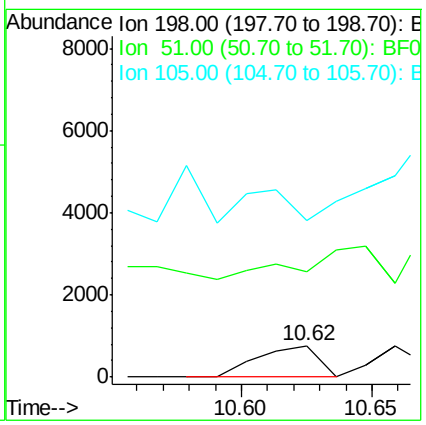


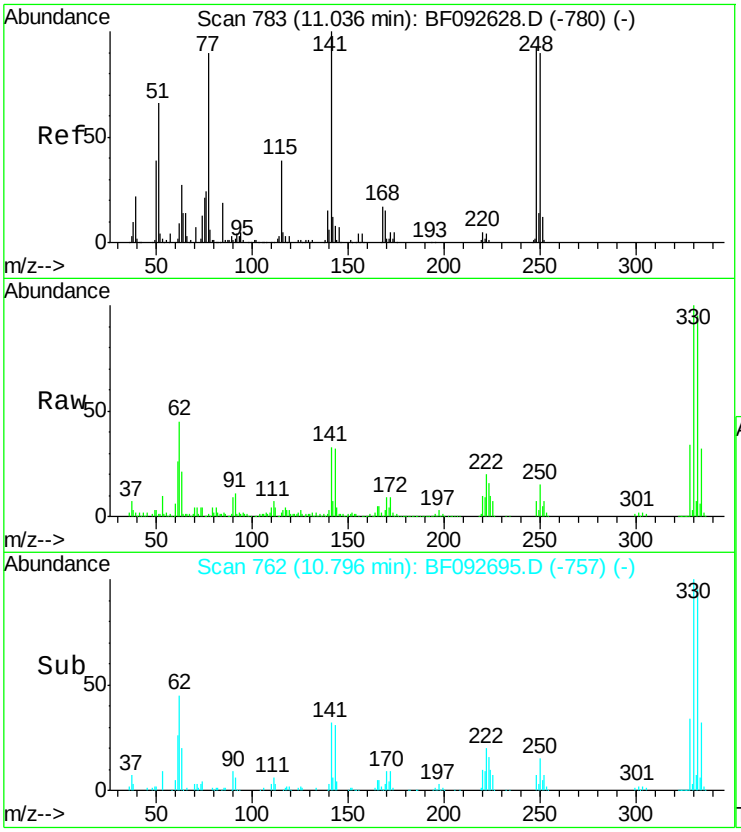


#64
4,6-Dinitro-2-methylphenol
Concen: 2.99 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:198 Resp: 1221

Ion	Ratio	Lower	Upper
198	100		
51	333.3	6.7	46.7#
105	495.8	16.6	56.6#



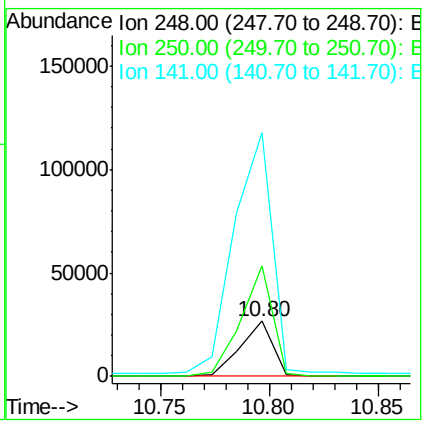


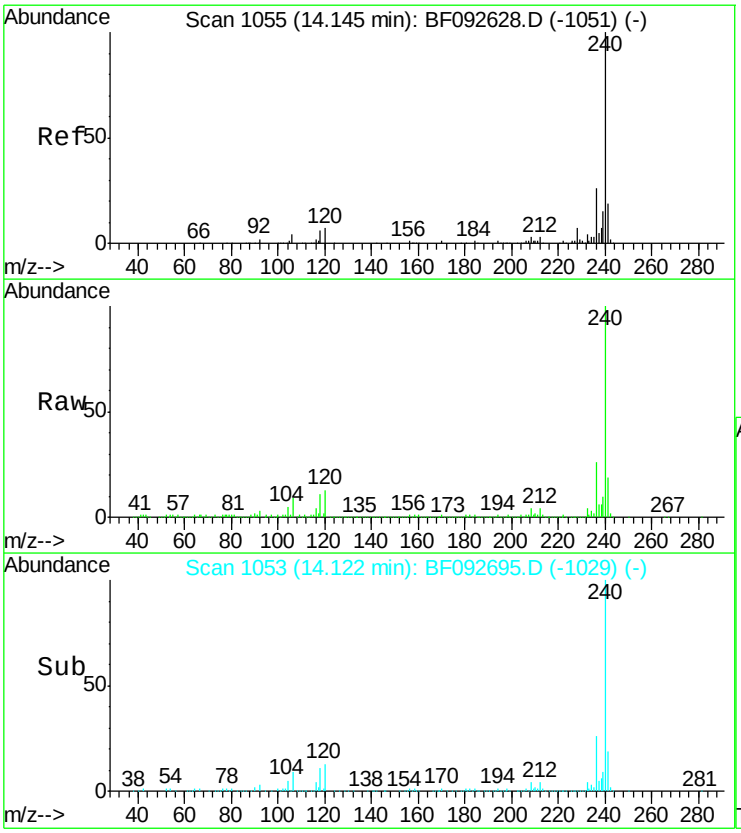
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:248 Resp: 27755

Ion	Ratio	Lower	Upper
248	100		
250	201.0	76.9	115.3#
141	442.4	68.2	102.4#

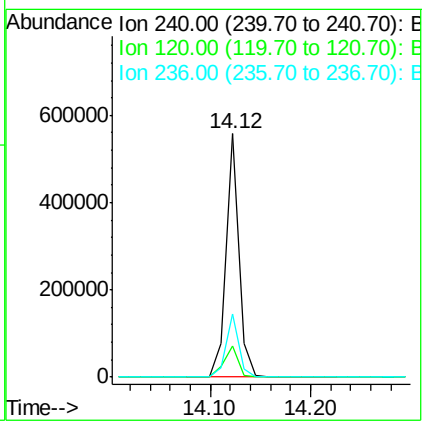


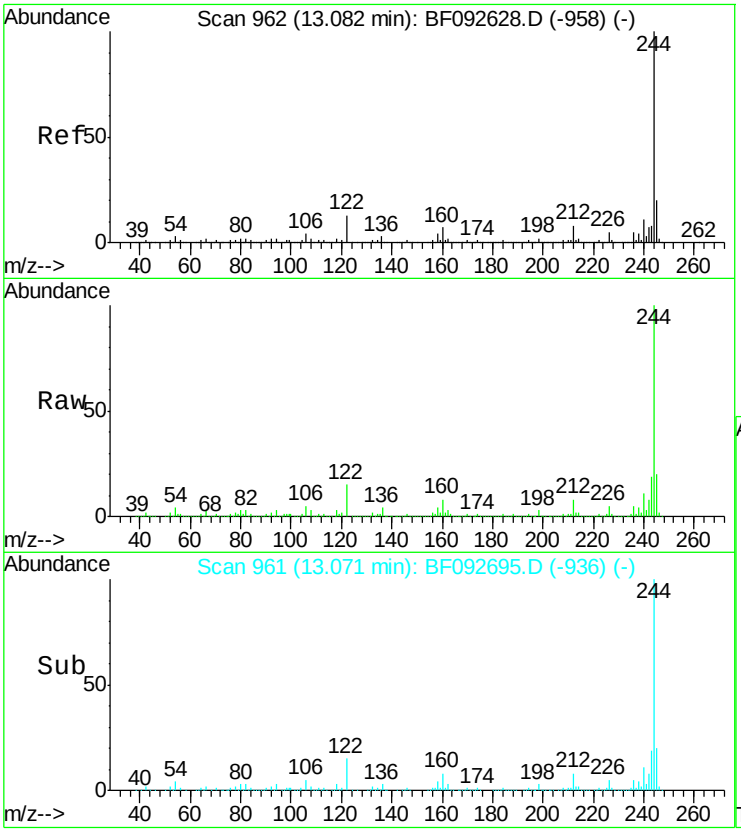


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:240 Resp: 496841

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



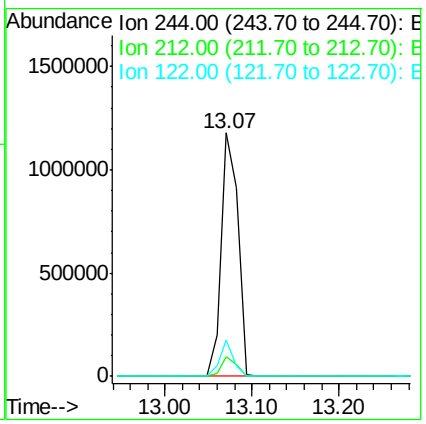


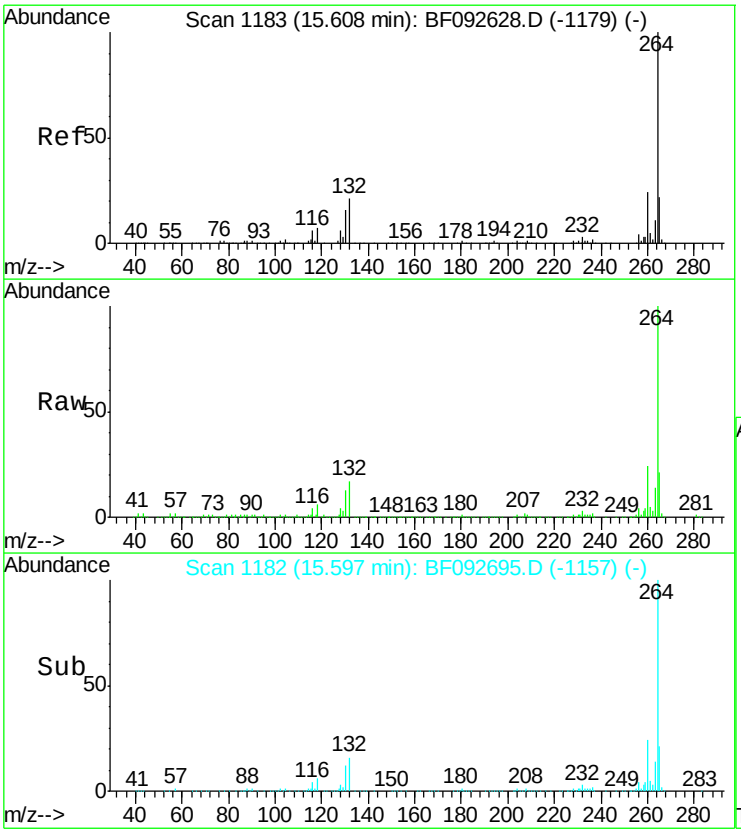
#78
Terphenyl-d14
Concen: 75.22 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:244 Resp: 1590505

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092695.D
Acq: 31 Jan 2017 21:46

Tgt Ion:264 Resp: 391064

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.8	17.4	26.0