Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079567.D
Acq On : 29 May 2015 18:28
Operator : TP/IZ
Sample : G2419-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01

Quant Time: May 29 23:38:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98722	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	415936	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	205577	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	378140	20.00	ng		0.00
75) Chrysene-d12	15.81	240	342035	20.00	ng		-0.07
86) Perylene-d12	0.00	264	0	0.00	ng		-17.81
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	266321	46.79	ng		0.00
7) Phenol-d6	6.55	99	216718	29.87	ng		0.00
23) Nitrobenzene-d5	7.66	82	468587	65.12	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	245481	108.72	ng		0.00
44) 2-Fluorobiphenyl	9.87	172	946938	65.72	ng		-0.01
78) Terphenyl-d14	14.51	244	887591	60.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	245926	90.83	ng	#	100
9) Benzaldehyde	6.27	77	263	Below Cal		#	42
18) Hexachloroethane	7.66	117	45108	17.50	ng	#	8
37) 2-Methylnaphthalene	9.53	142	201690	14.55	ng		94
53) 2,4-Dinitrophenol	10.89	184	501	5.91	ng	#	1
57) Fluorene	11.37	166	33410	2.28	ng		94
64) 4,6-Dinitro-2-methylphenol	11.48	198	360	7.16	ng	#	1
73) Di-n-butylphthalate	13.29	149	5530	Below Cal		#	88

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

Quantitation Report (Not Reviewed)

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Acq On : 29 May 2015 18:28
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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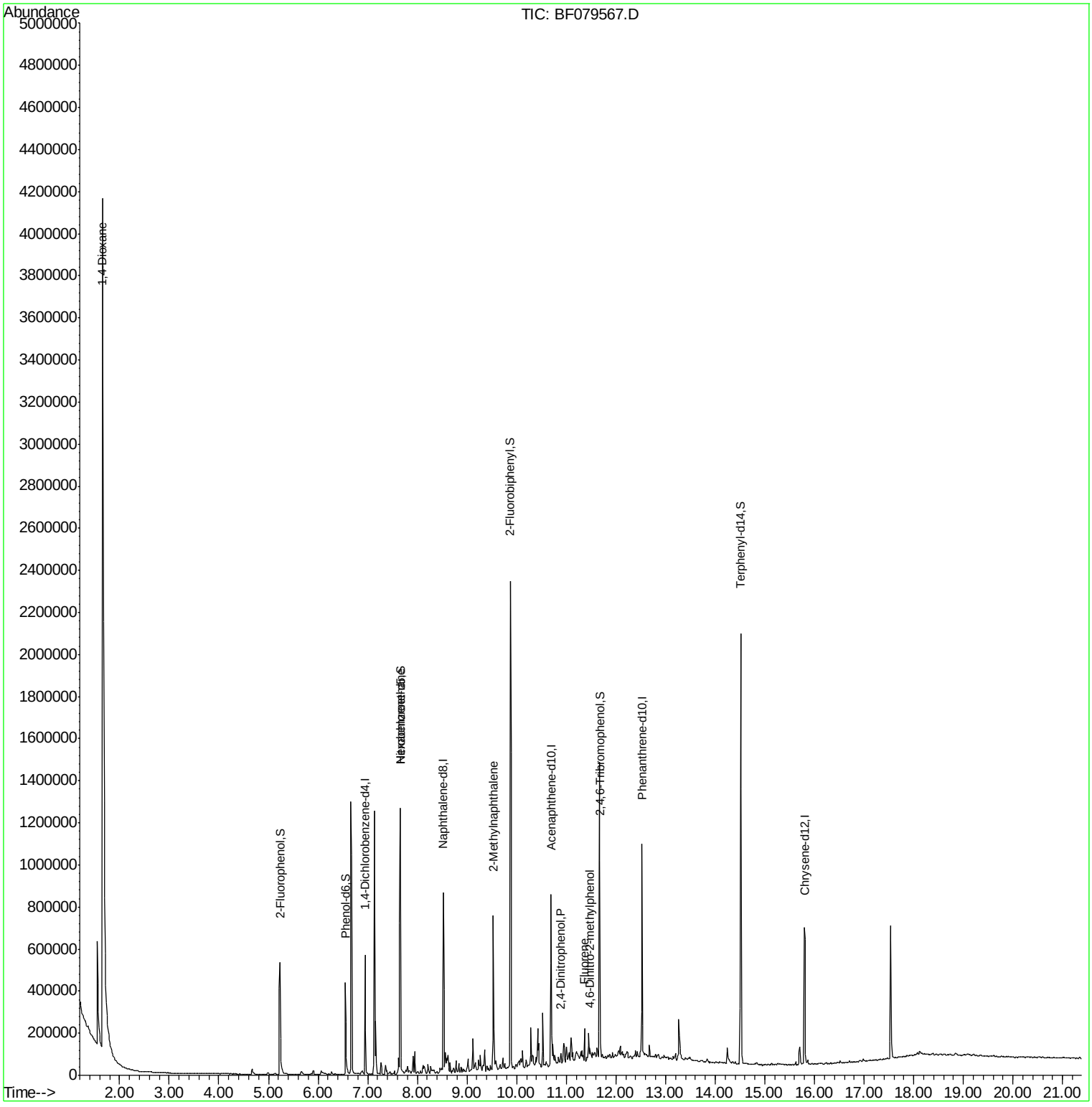
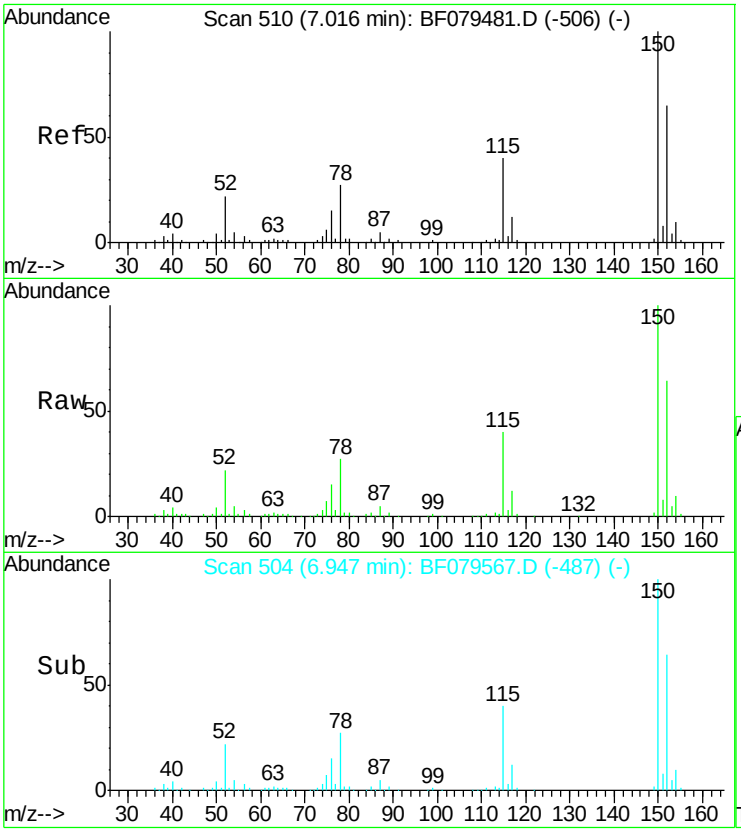


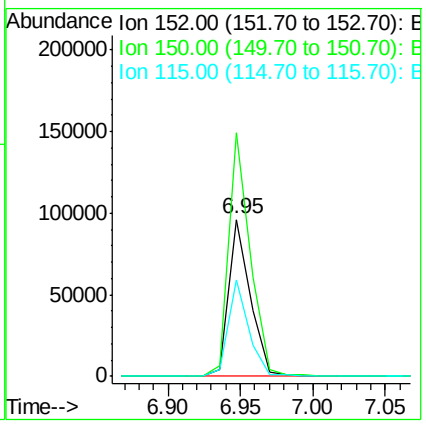


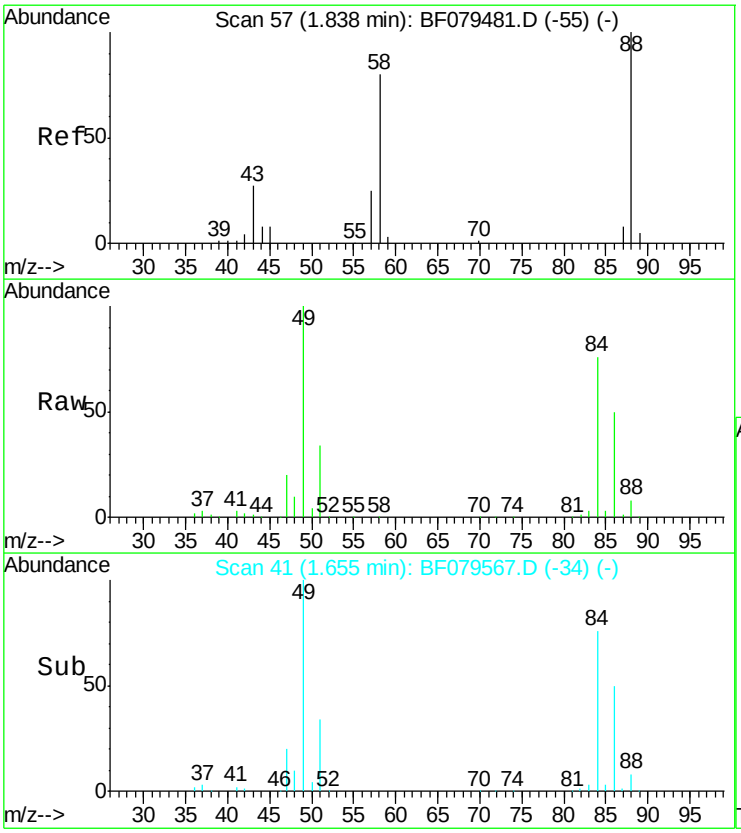
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:152 Resp: 98722

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.0	186.0
115	61.6	49.6	74.4

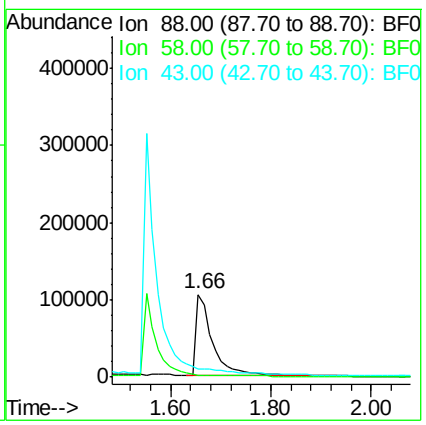


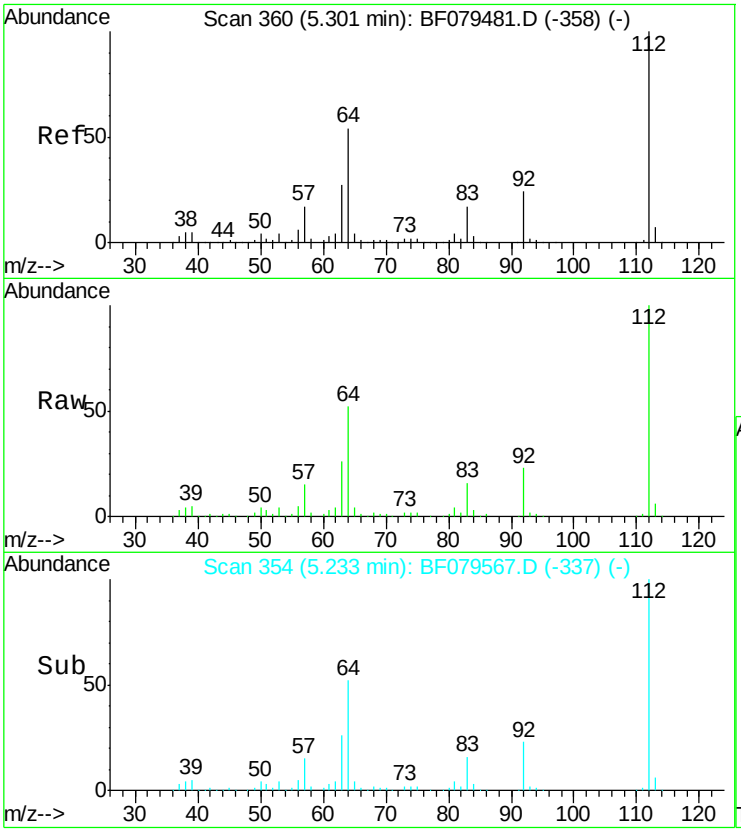


#2
1,4-Dioxane
Concen: 90.83 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion: 88 Resp: 245926

Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0



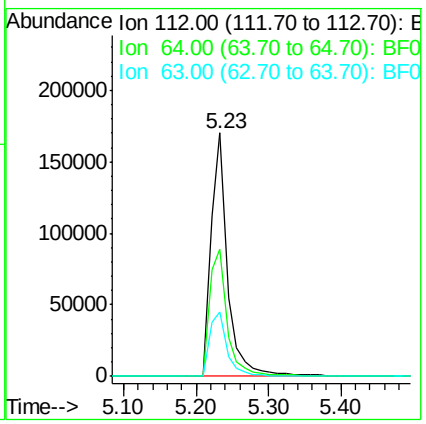


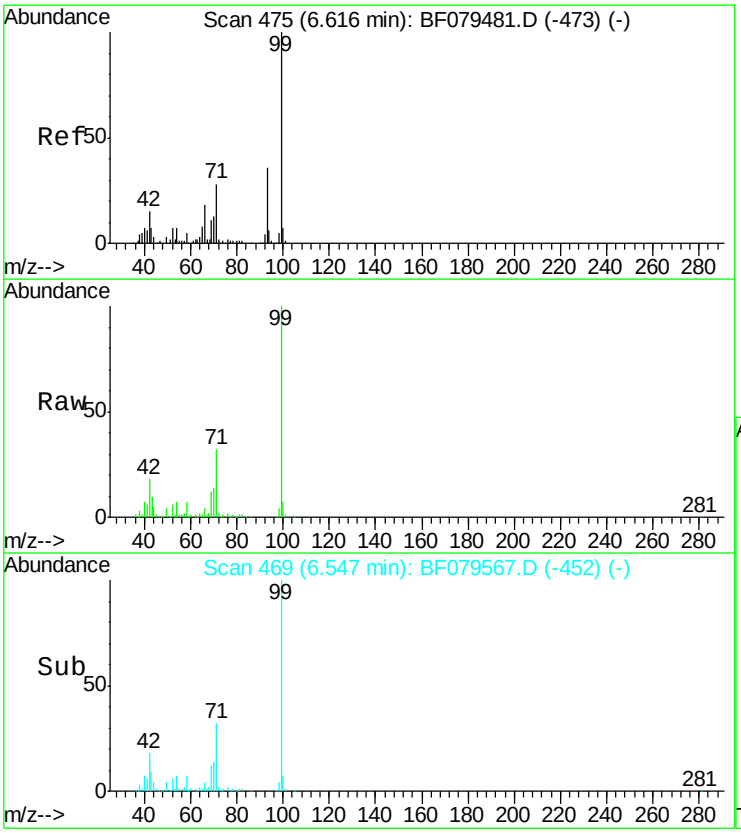
#5
2-Fluorophenol
Concen: 46.79 ng
RT: 5.23 min Scan# 354
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:112 Resp: 266321

Ion	Ratio	Lower	Upper
112	100		
64	52.4	43.5	65.3
63	26.4	21.8	32.8

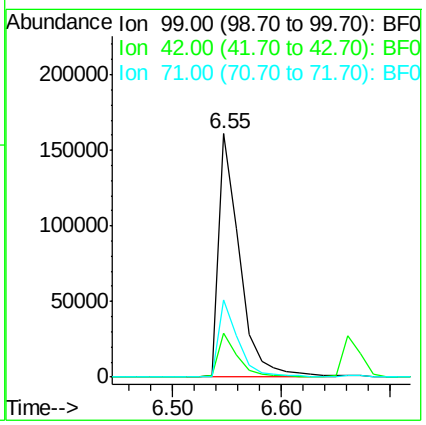


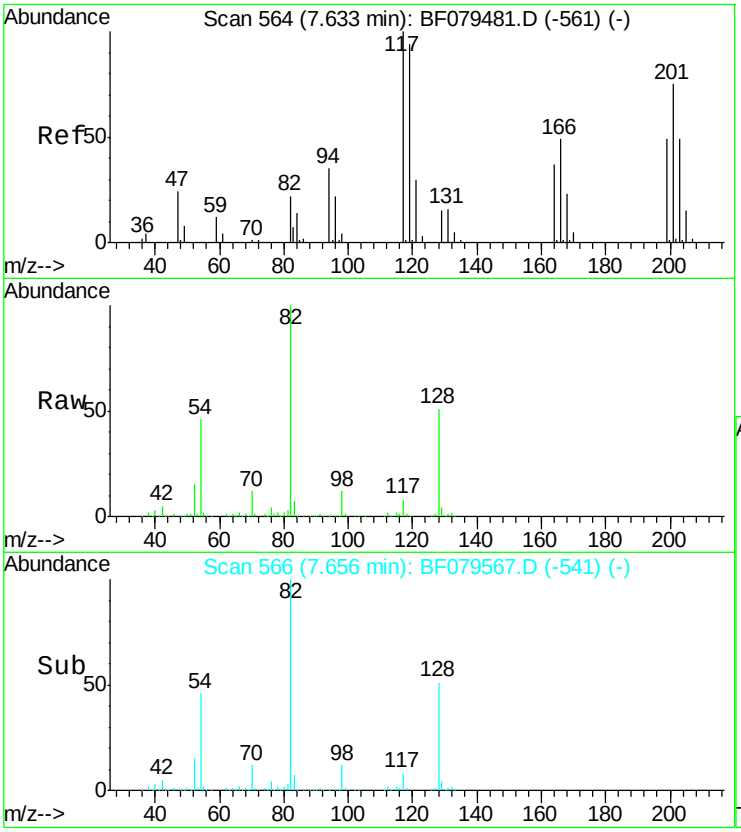


#7
Phenol-d6
Concen: 29.87 ng
RT: 6.55 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion: 99 Resp: 216718

Ion	Ratio	Lower	Upper
99	100		
42	17.9	11.9	17.9#
71	31.6	22.1	33.1



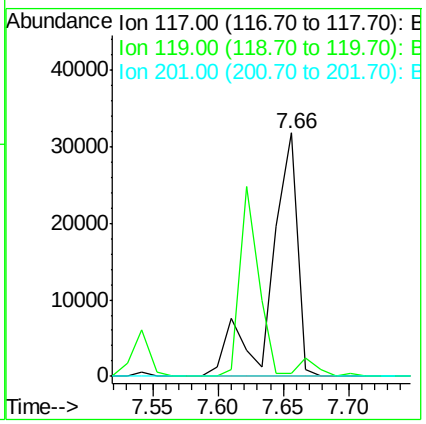


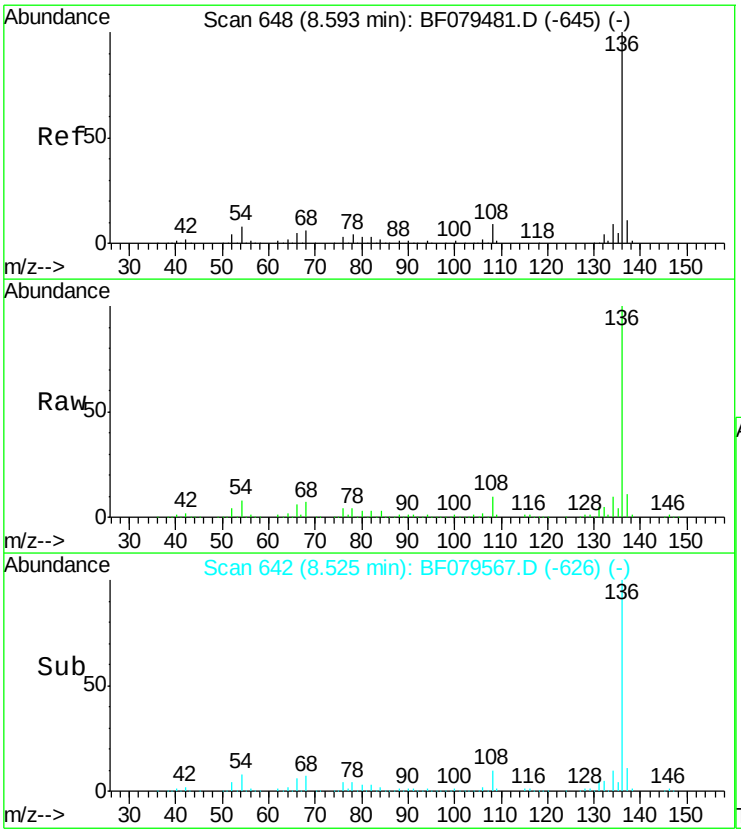
#18
Hexachloroethane
Concen: 17.50 ng
RT: 7.66 min Scan# 566
Delta R.T. 0.09 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:117 Resp: 45108

Ion	Ratio	Lower	Upper
117	100		
119	1.4	74.9	112.3#
201	0.0	60.2	90.4#

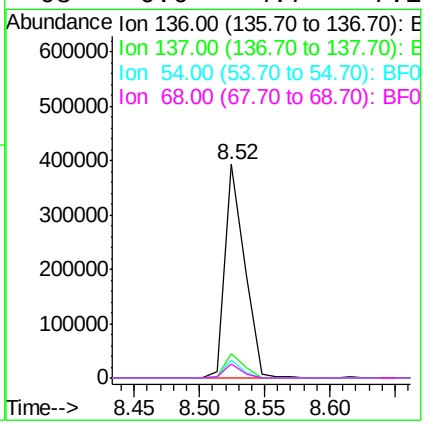


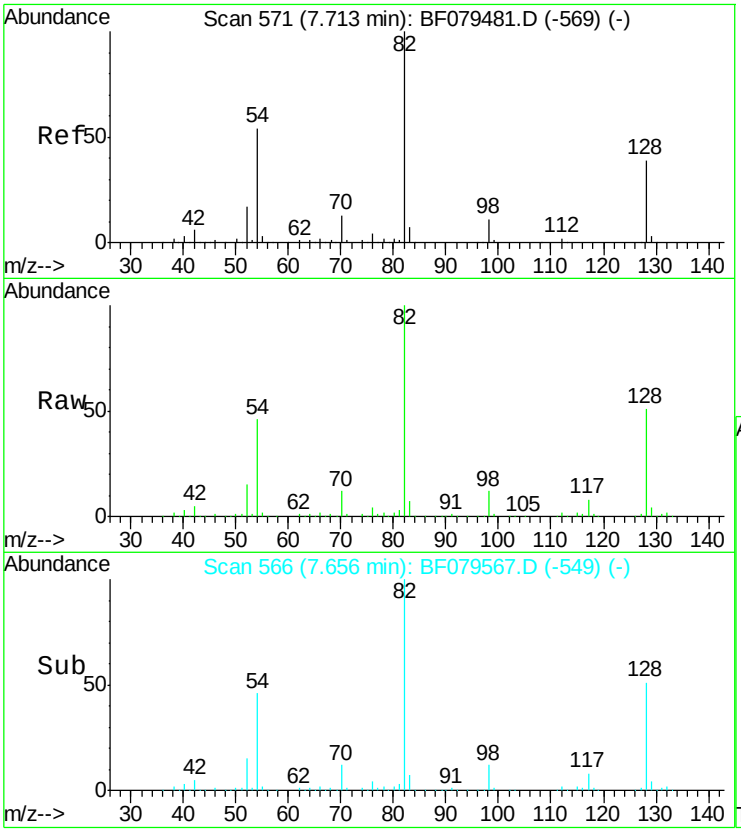


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion:136 Resp: 415936

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	8.5	6.6	9.8
68	6.6	4.7	7.1



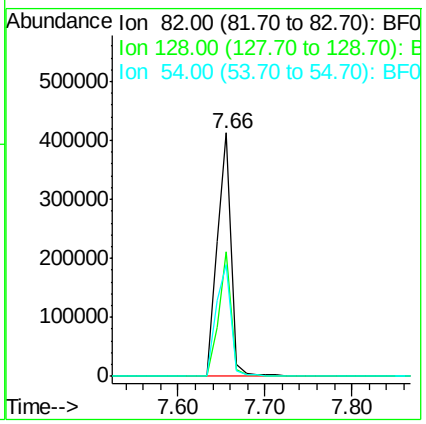


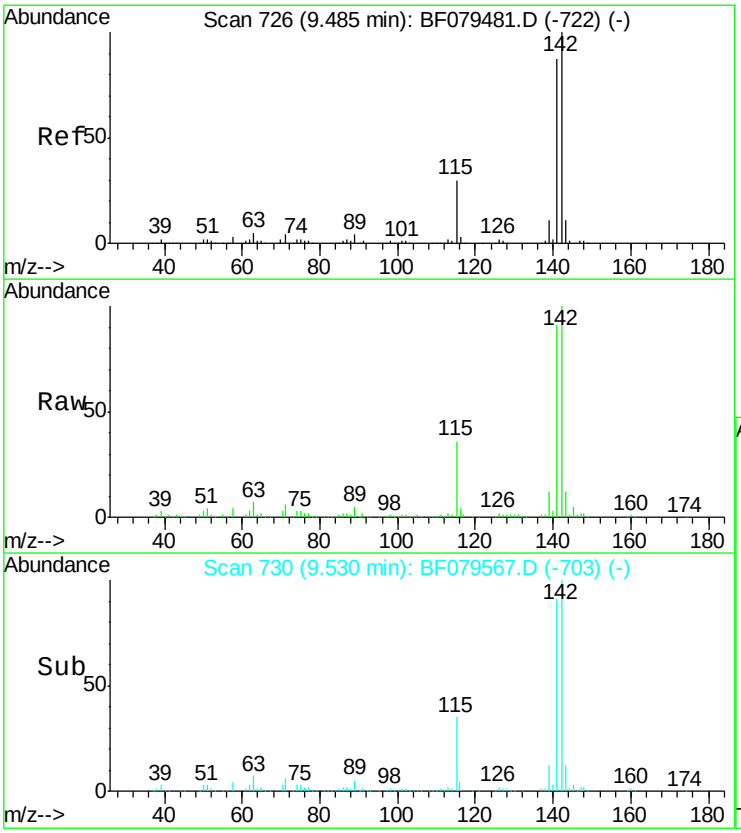
#23
Nitrobenzene-d5
Concen: 65.12 ng
RT: 7.66 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion: 82 Resp: 468587

Ion	Ratio	Lower	Upper
82	100		
128	51.2	30.8	46.2#
54	45.8	42.8	64.2

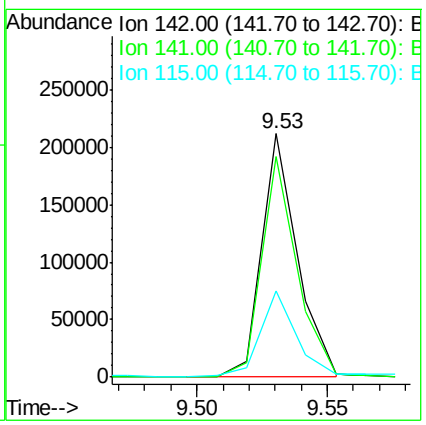


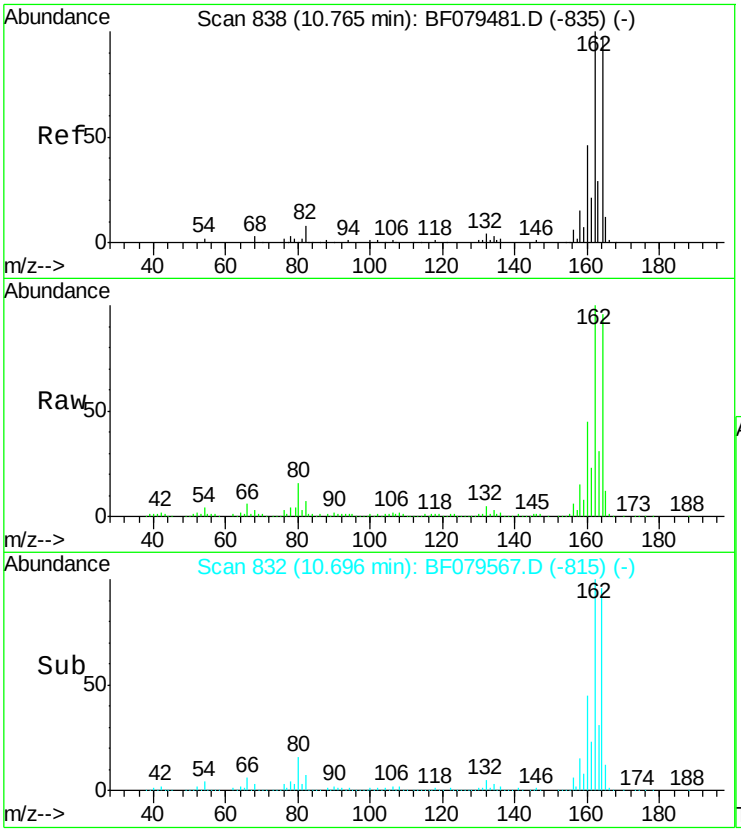


#37
2-Methylnaphthalene
Concen: 14.55 ng
RT: 9.53 min Scan# 730
Delta R.T. 0.11 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion:142 Resp: 201690

Ion	Ratio	Lower	Upper
142	100		
141	90.5	69.5	104.3
115	35.6	23.8	35.6



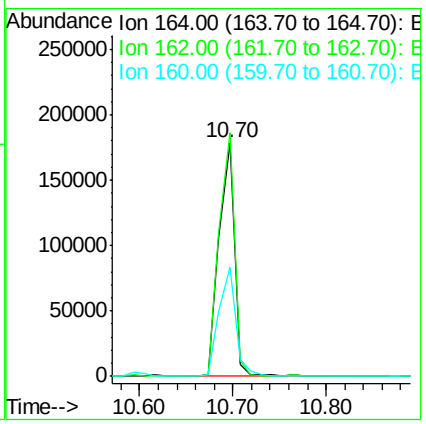


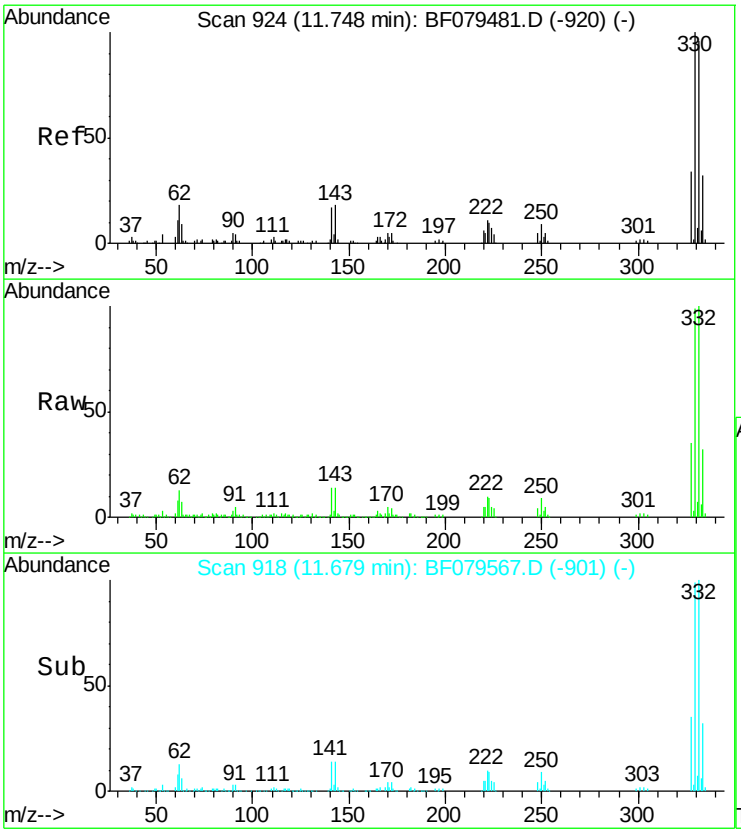
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:164 Resp: 205577

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	124.0
160	47.0	37.7	56.5

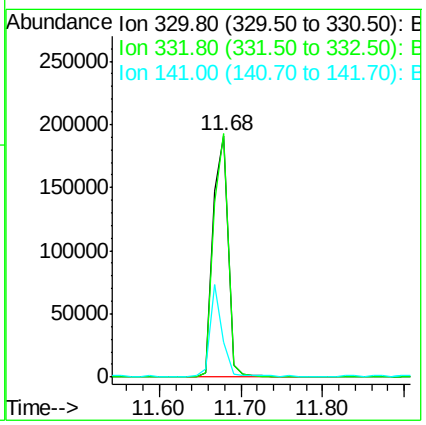


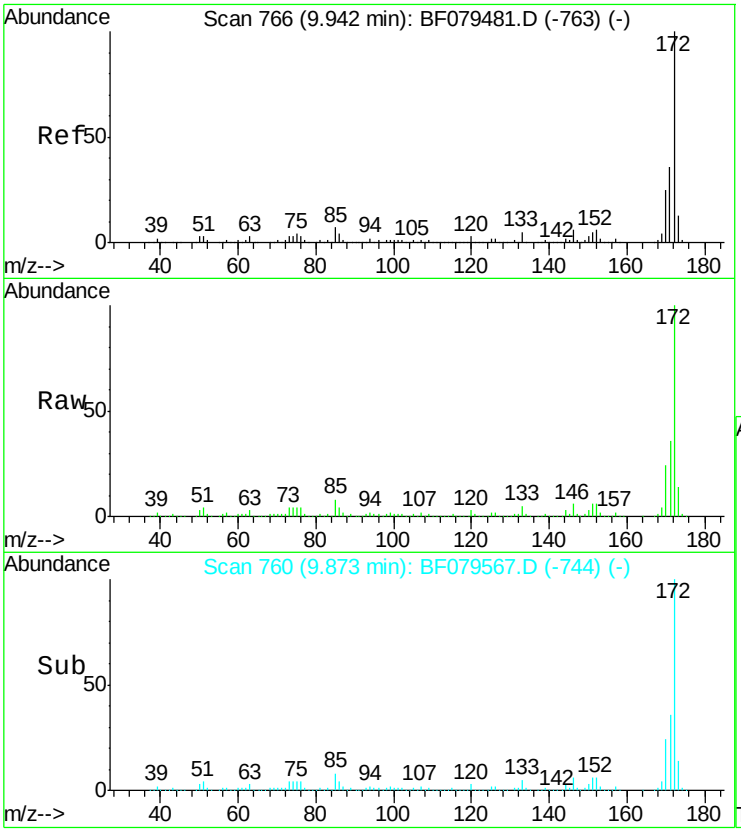


#41
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion:330 Resp: 245481

Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	31.2	0.0	0.0#



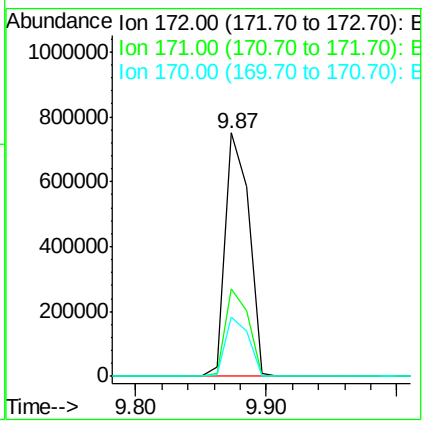


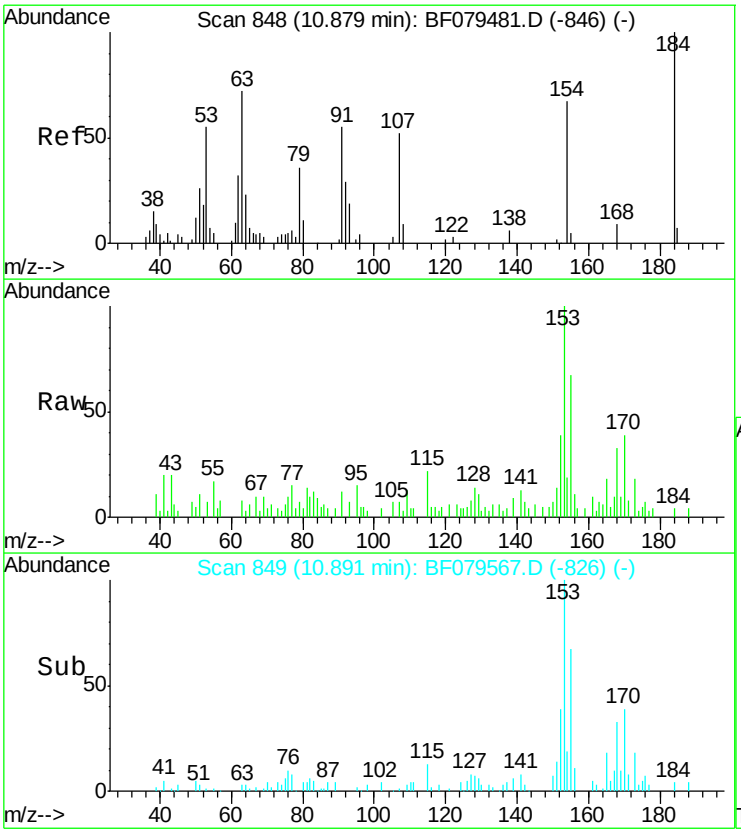
#44
2-Fluorobiphenyl
Concen: 65.72 ng
RT: 9.87 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:172 Resp: 946938

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.5	19.7	29.5

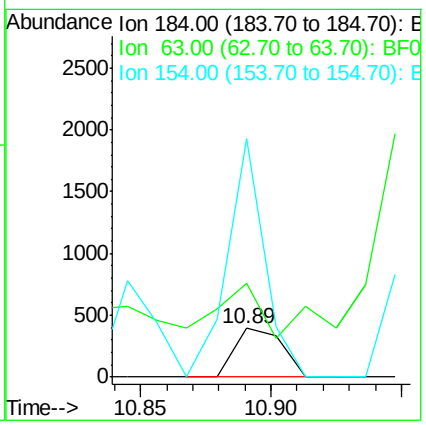


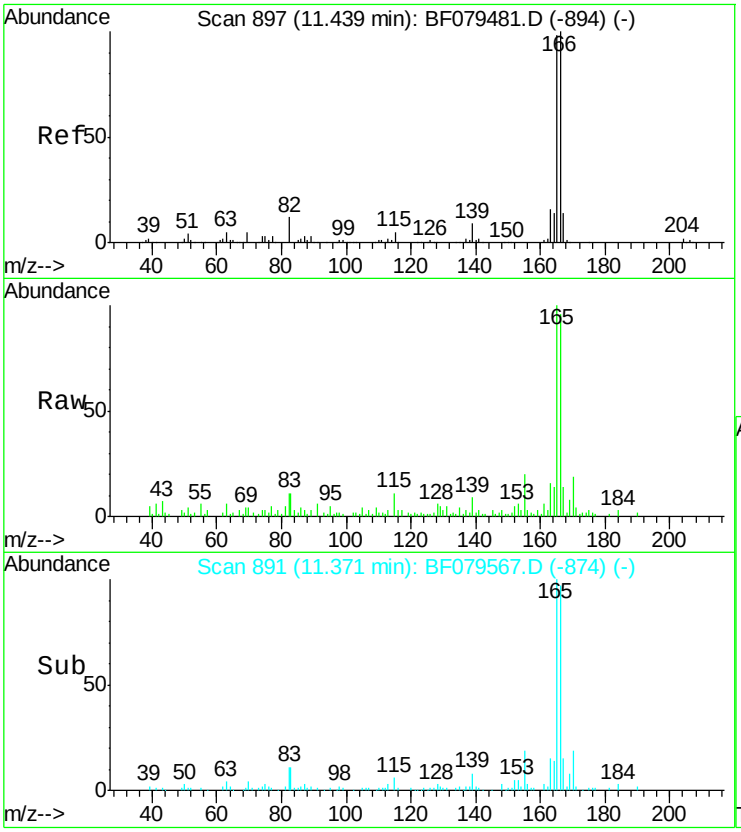


#53
2,4-Dinitrophenol
Concen: 5.91 ng
RT: 10.89 min Scan# 849
Delta R.T. 0.07 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion:184 Resp: 501

Ion	Ratio	Lower	Upper
184	100		
63	194.4	57.7	86.5#
154	493.1	53.4	80.2#



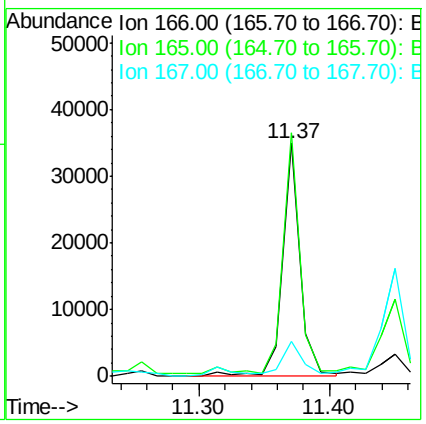


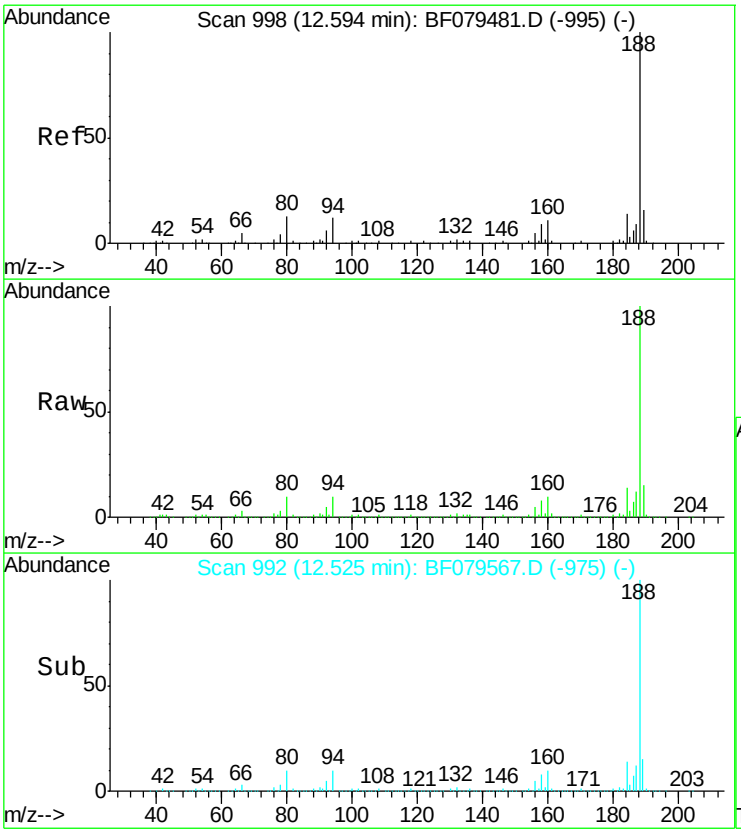
#57
Fluorene
Concen: 2.28 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:166 Resp: 33410

Ion	Ratio	Lower	Upper
166	100		
165	104.5	78.6	117.8
167	15.1	10.8	16.2

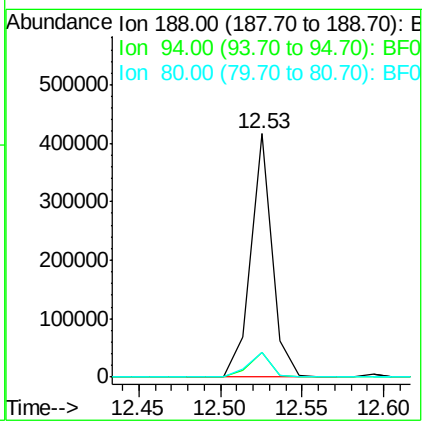


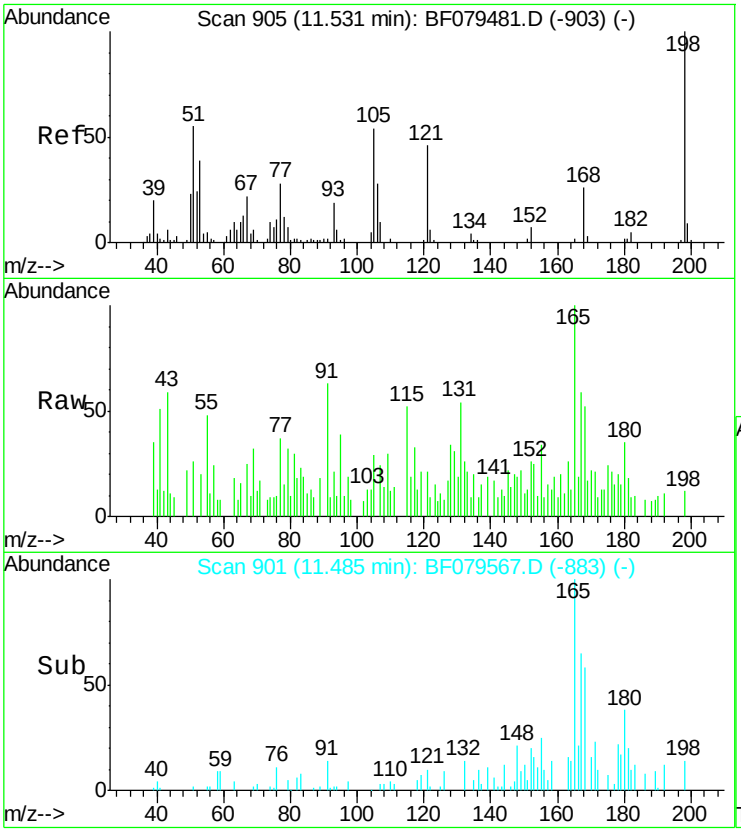


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion:188 Resp: 378140

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.8	14.6
80	10.1	10.5	15.7#



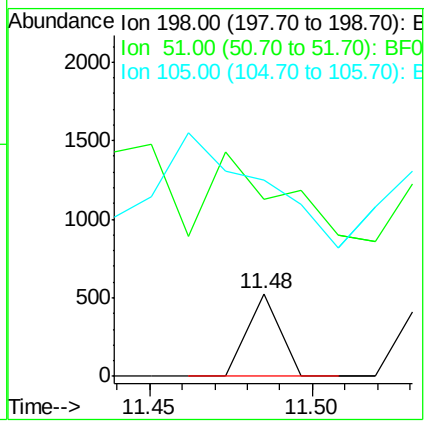


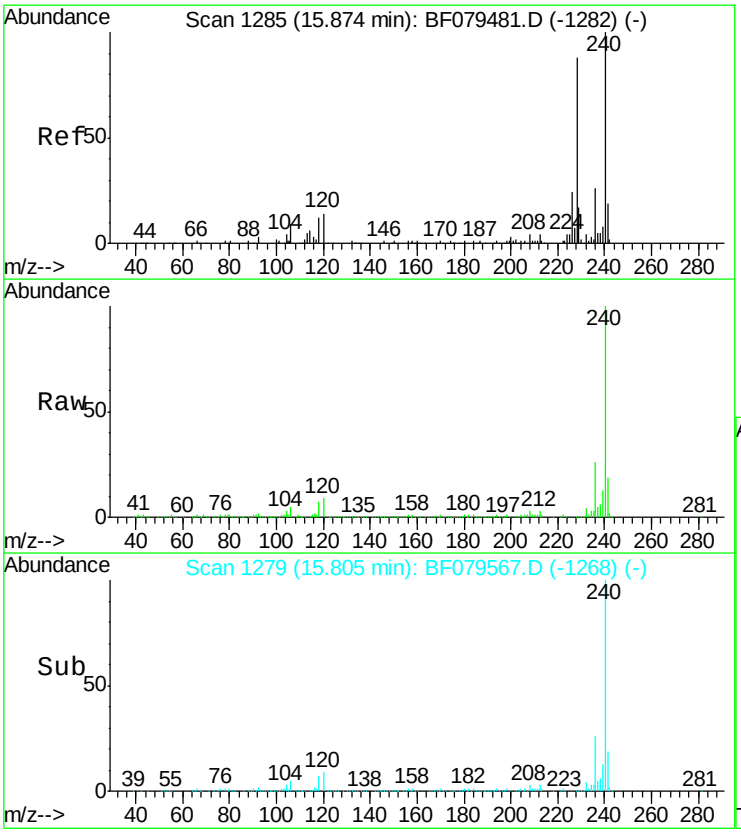
#64
4,6-Dinitro-2-methylphenol
Concen: 7.16 ng
RT: 11.48 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:198 Resp: 360

Ion	Ratio	Lower	Upper
198	100		
51	214.1	36.0	76.0#
105	237.3	34.1	74.1#

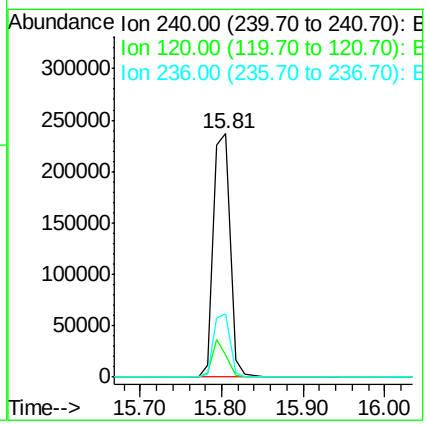


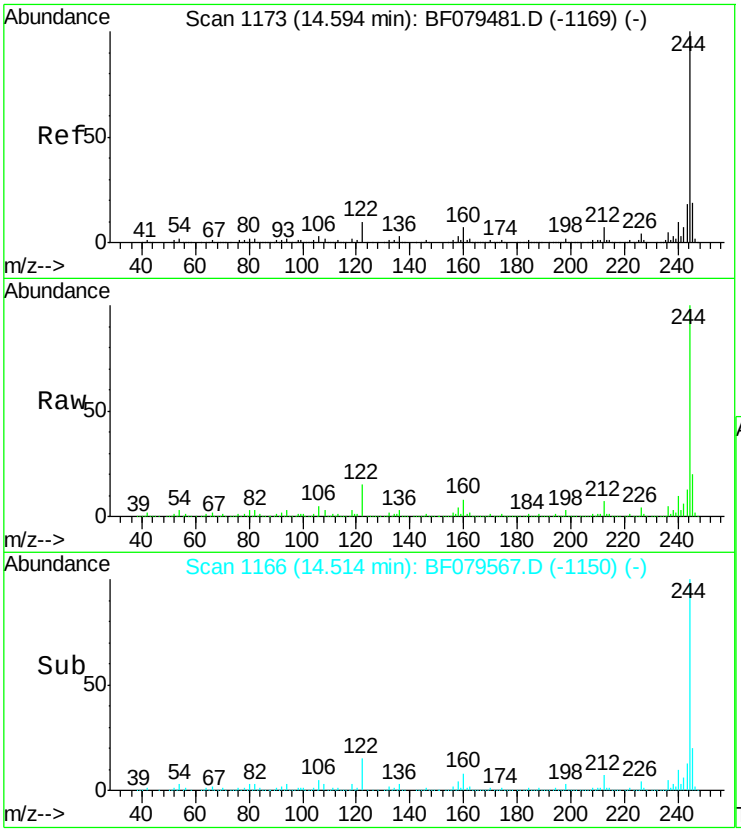


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion:240 Resp: 342035

Ion	Ratio	Lower	Upper
240	100		
120	8.9	10.8	16.2#
236	25.9	21.0	31.6



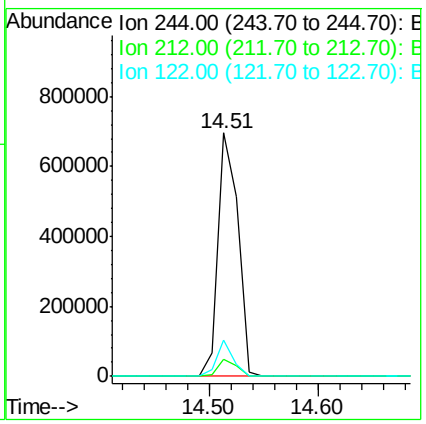


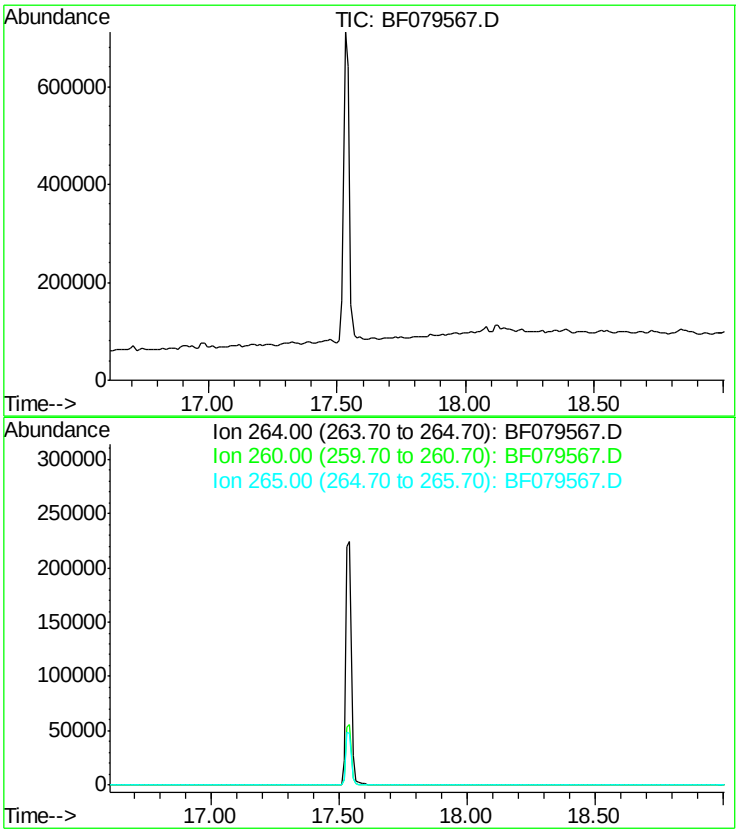
#78
Terphenyl-d14
Concen: 60.90 ng
RT: 14.51 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF079567.D
Acq: 29 May 2015 18:28

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:244 Resp: 887591

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	14.9	8.0	12.0#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.81 min

Lab File: BF079567.D
Acq: 29 May 2015 18:28

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.8
265	22.2