Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079624.D
Acq On : 31 May 2015 3:23
Operator : TP/IZ
Sample : G2309-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX4

Quant Time: May 31 05:53:07 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 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	79412	20.00	ng		-0.02
21) Naphthalene-d8	8.51	136	313613	20.00	ng		-0.02
38) Acenaphthene-d10	10.67	164	156318	20.00	ng		-0.03
63) Phenanthrene-d10	12.50	188	293427	20.00	ng		-0.03
75) Chrysene-d12	15.78	240	312967	20.00	ng		-0.06
86) Perylene-d12	17.46	264	306436	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	190468	41.60	ng		-0.02
7) Phenol-d6	6.54	99	144548	24.77	ng		-0.02
23) Nitrobenzene-d5	7.63	82	360666	66.48	ng		-0.03
41) 2,4,6-Tribromophenol	11.66	330	179745	104.69	ng		-0.03
44) 2-Fluorobiphenyl	9.86	172	771973	70.46	ng		-0.02
78) Terphenyl-d14	14.50	244	819597	61.46	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	104796	48.12	ng	#	100
9) Benzaldehyde	6.39	77	881	Below Cal		#	1
31) Naphthalene	8.54	128	231595	15.39	ng		99
37) 2-Methylnaphthalene	9.39	142	45576	4.36	ng		96
49) Dimethylphthalate	10.38	163	39650	3.44	ng		100
64) 4,6-Dinitro-2-methylphenol	11.52	198	855	7.49	ng	#	1
89) Benzo(a)pyrene	17.41	252	4581	Below Cal		#	81
90) Dibenzo(a,h)anthracene	18.75	278	11855	Below Cal		#	93
91) Benzo(g,h,i)perylene	19.11	276	9879	Below Cal			93

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

Quantitation Report (Not Reviewed)

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Acq On : 31 May 2015 3:23
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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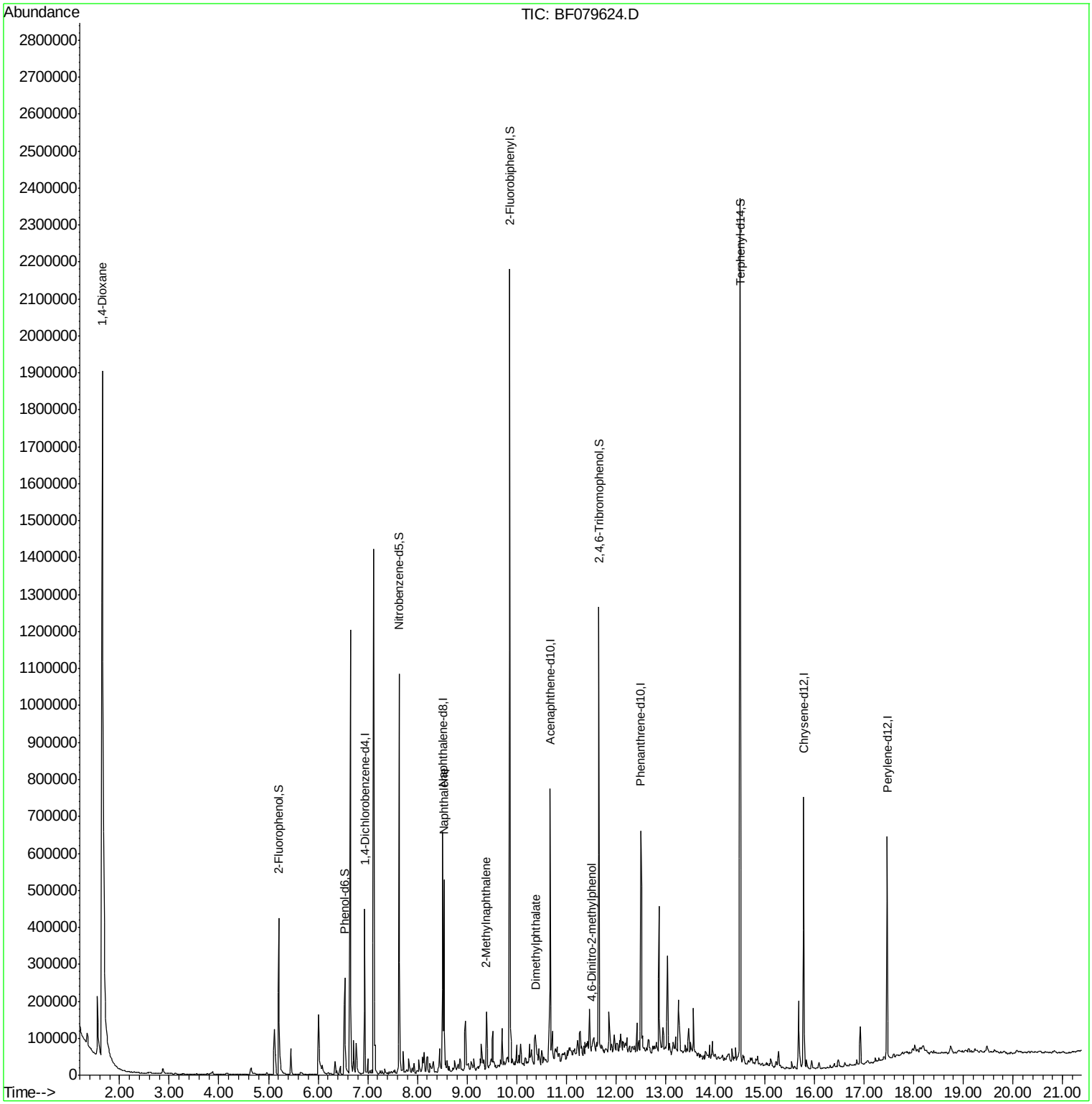
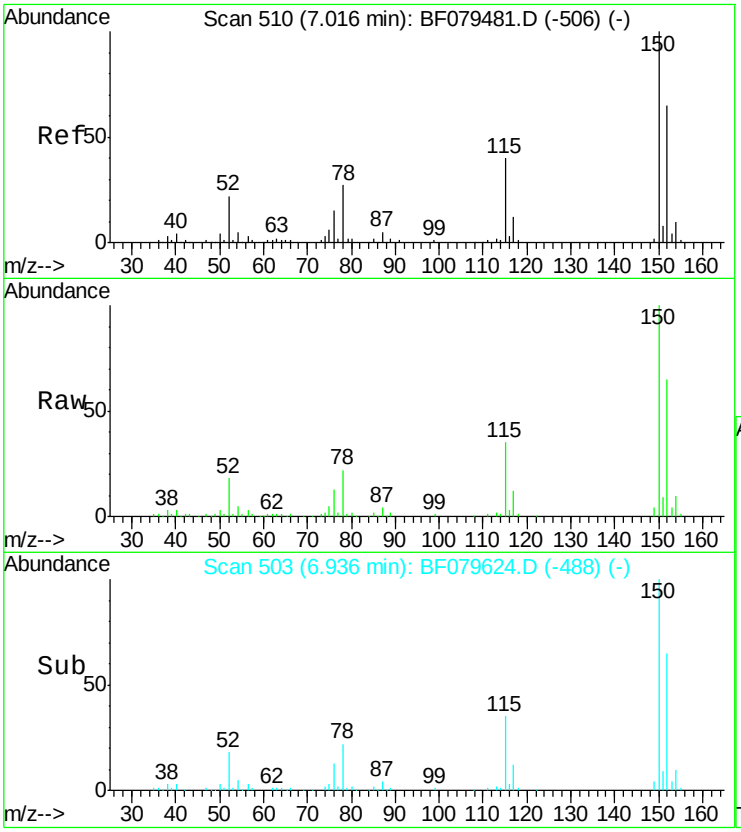


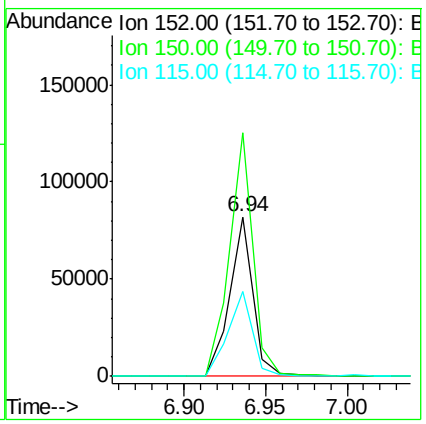


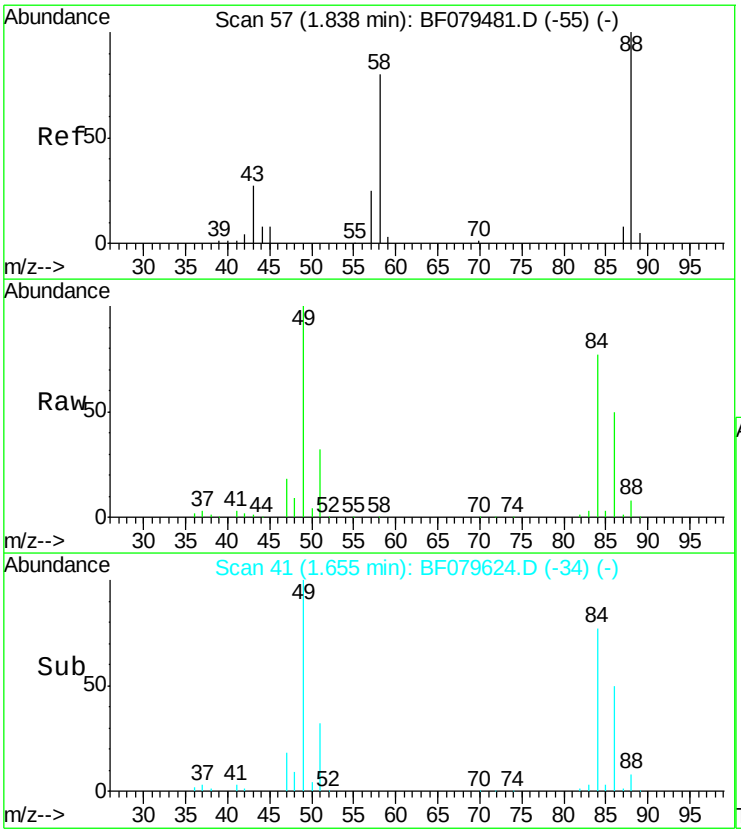
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:152 Resp: 79412

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.0	186.0
115	53.7	49.6	74.4

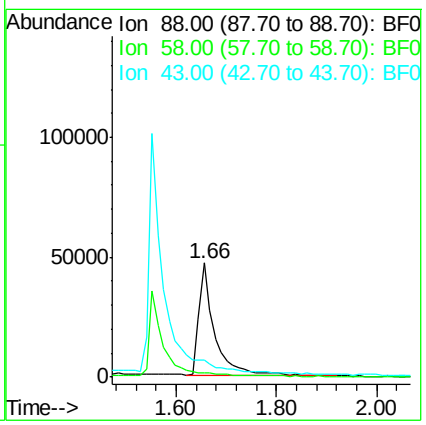


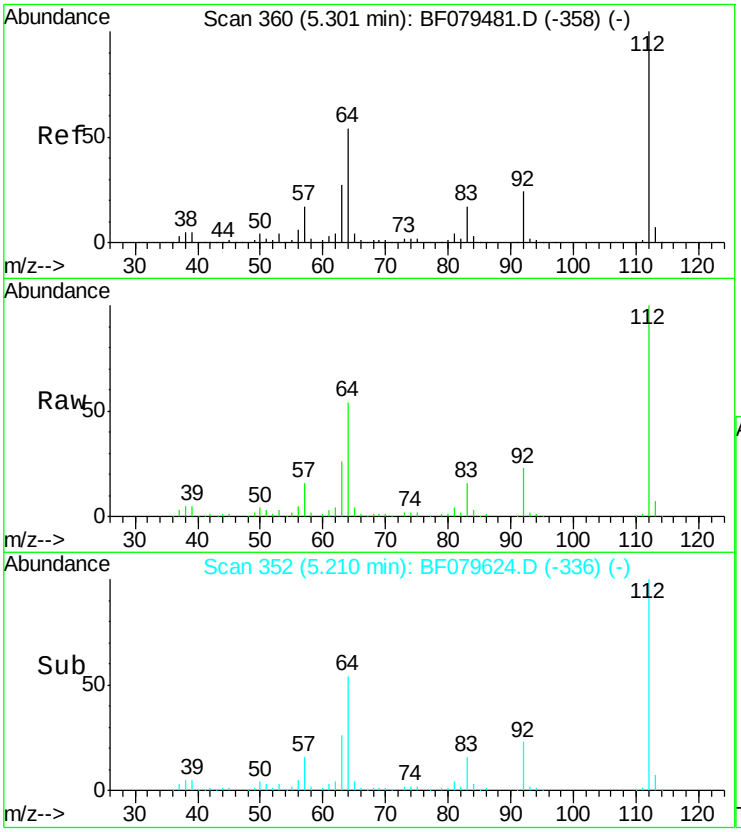


#2
1,4-Dioxane
Concen: 48.12 ng
RT: 1.66 min Scan# 41
Delta R.T. -0.11 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion: 88 Resp: 104796

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



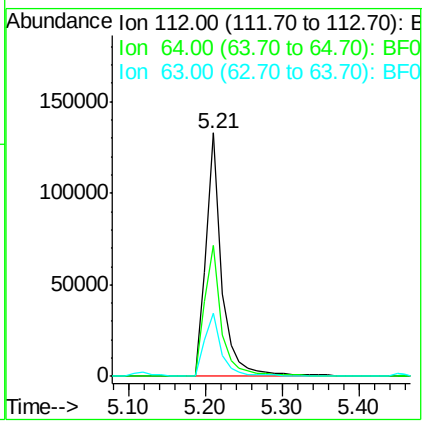


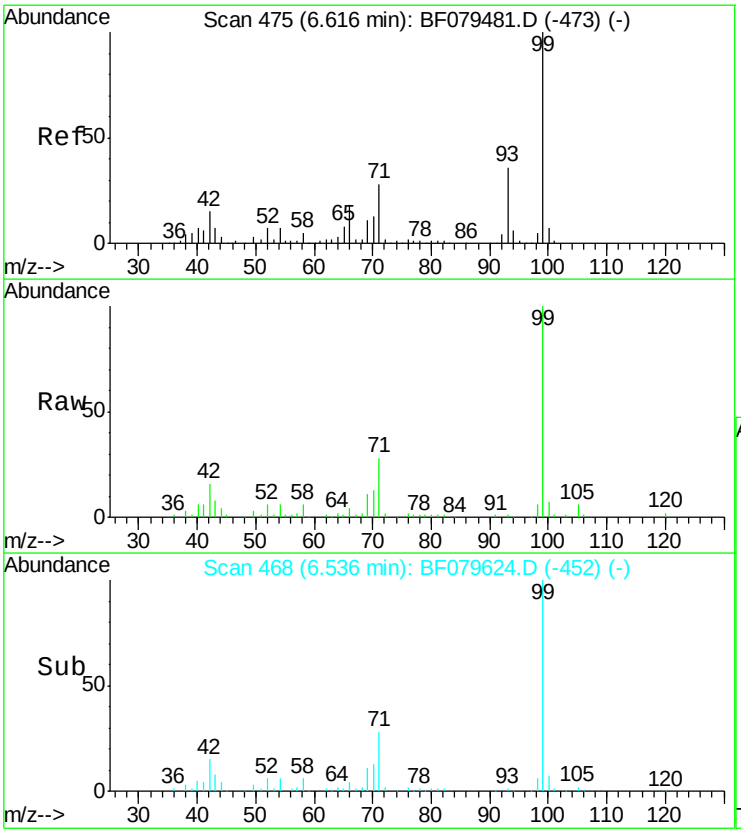
#5
2-Fluorophenol
Concen: 41.60 ng
RT: 5.21 min Scan# 352
Delta R.T. -0.02 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:112 Resp: 190468

Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.5	65.3
63	26.0	21.8	32.8

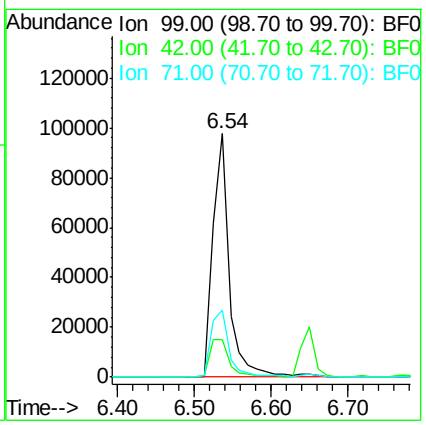


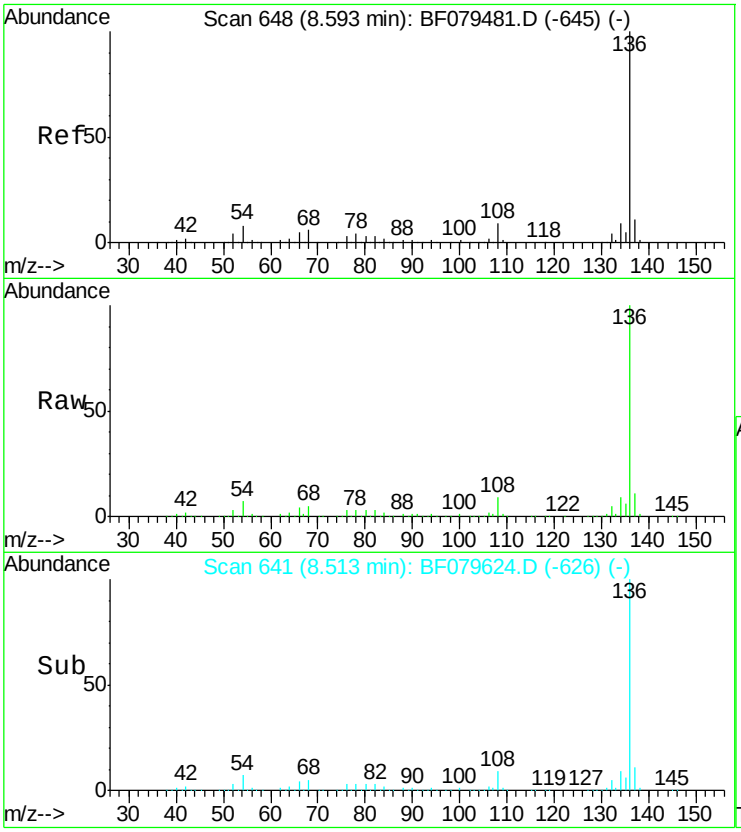


#7
Phenol-d6
Concen: 24.77 ng
RT: 6.54 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion: 99 Resp: 144548

Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.9	17.9
71	27.5	22.1	33.1



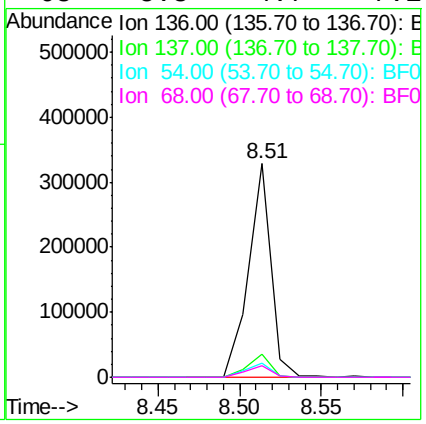


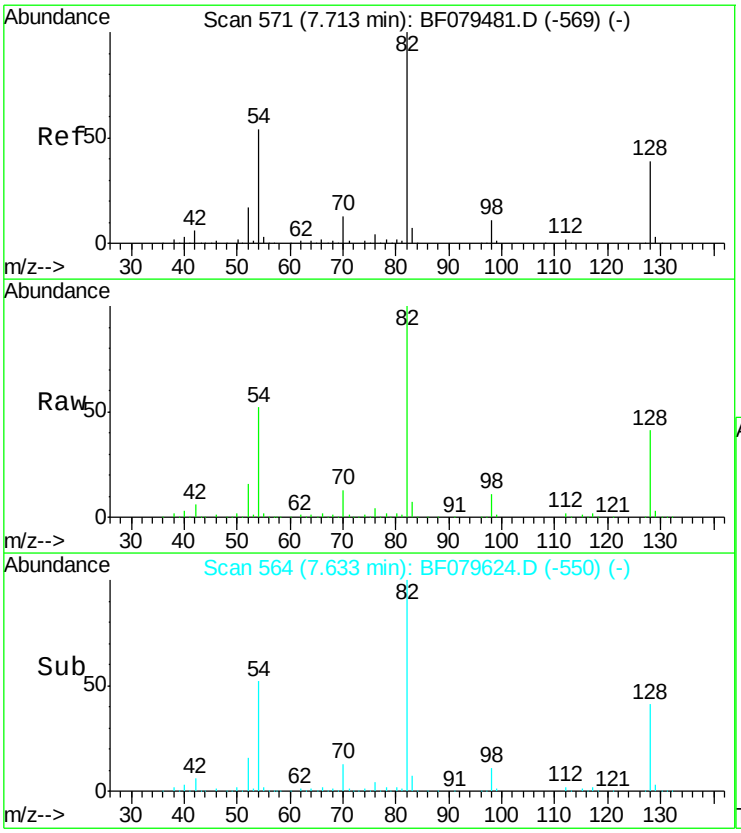
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:136 Resp: 313613

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.5	6.6	9.8#
68	5.3	4.7	7.1

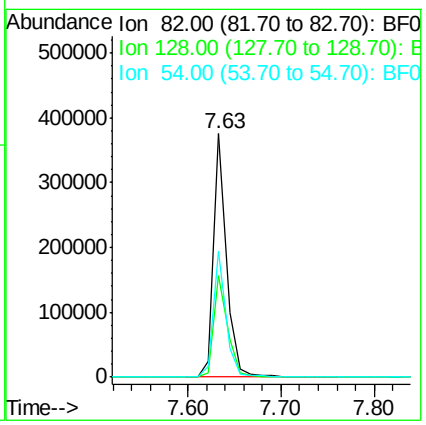


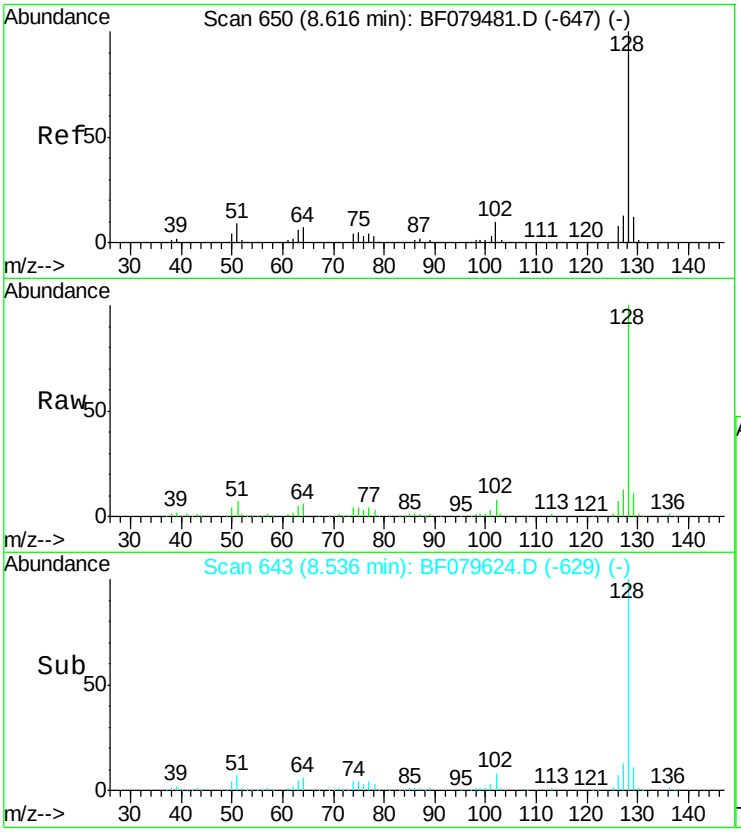


#23
Nitrobenzene-d5
Concen: 66.48 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion: 82 Resp: 360666

Ion	Ratio	Lower	Upper
82	100		
128	41.5	30.8	46.2
54	51.6	42.8	64.2



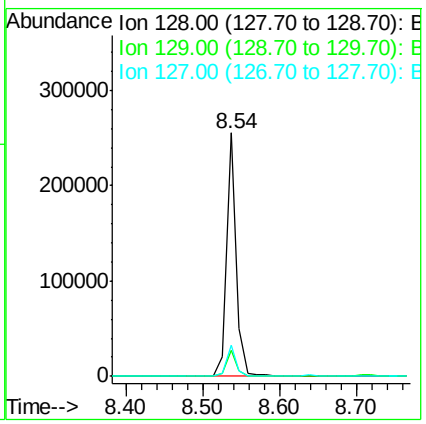


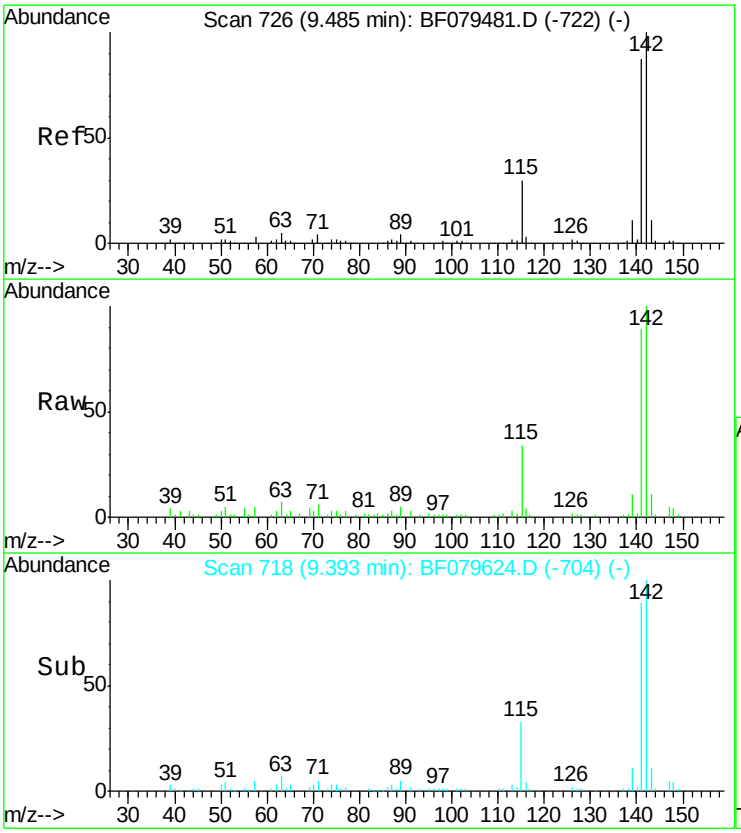
#31
Naphthalene
Concen: 15.39 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:128 Resp: 231595

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	13.0	10.6	15.8

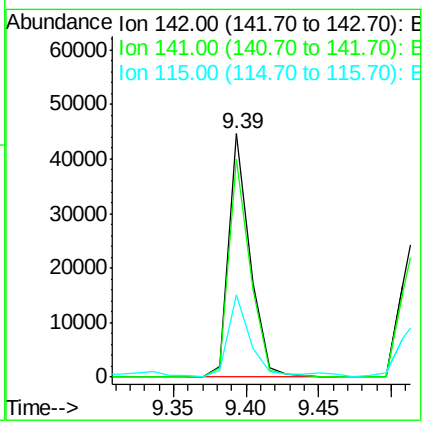


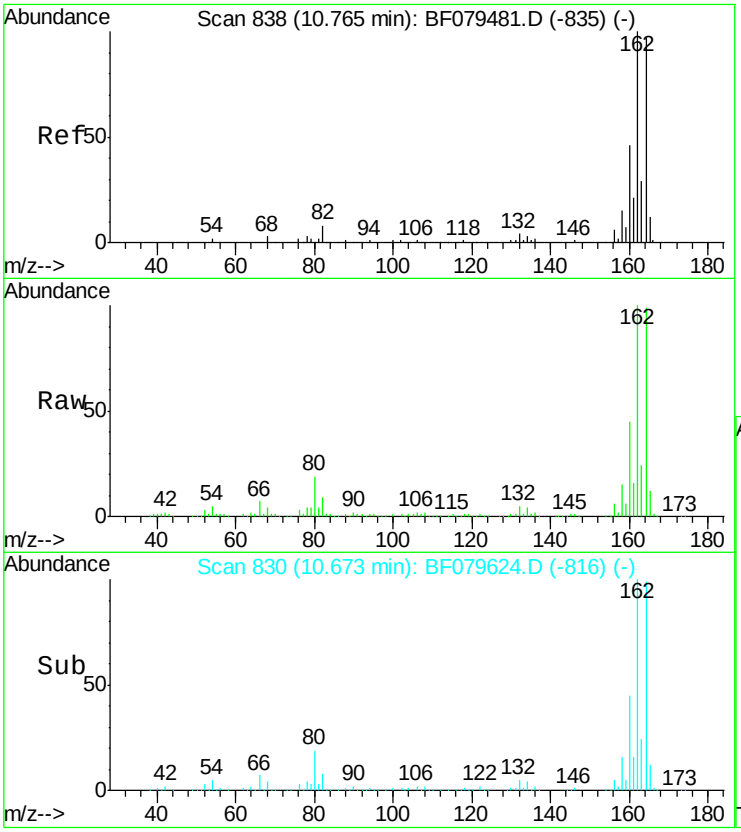


#37
2-Methylnaphthalene
Concen: 4.36 ng
RT: 9.39 min Scan# 718
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion:142 Resp: 45576

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.5	104.3
115	34.0	23.8	35.6



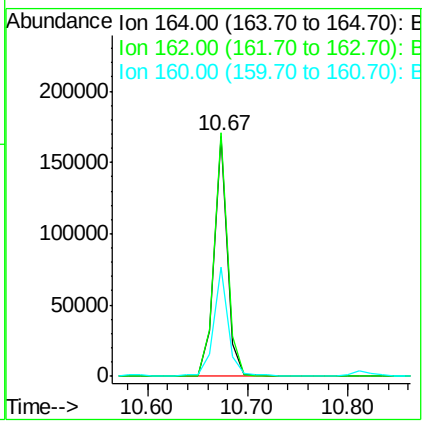


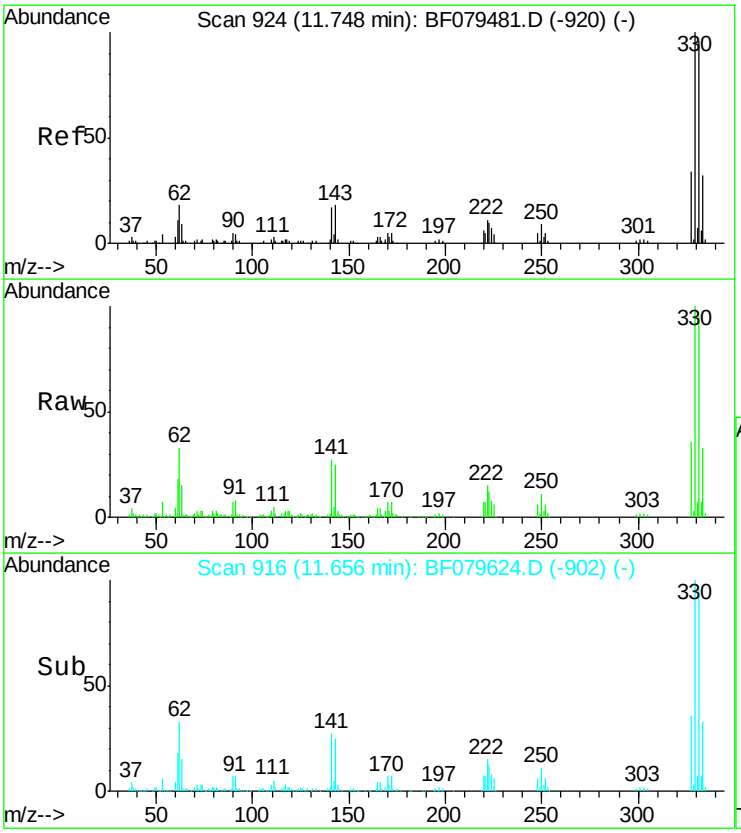
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:164 Resp: 156318

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	45.5	37.7	56.5

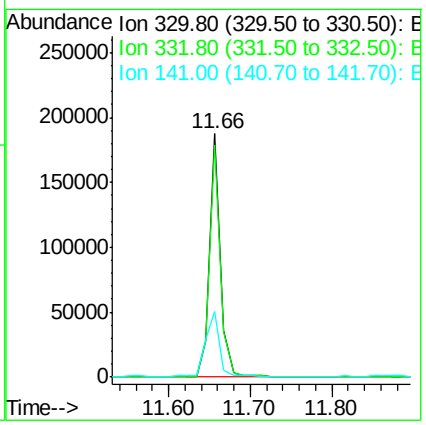


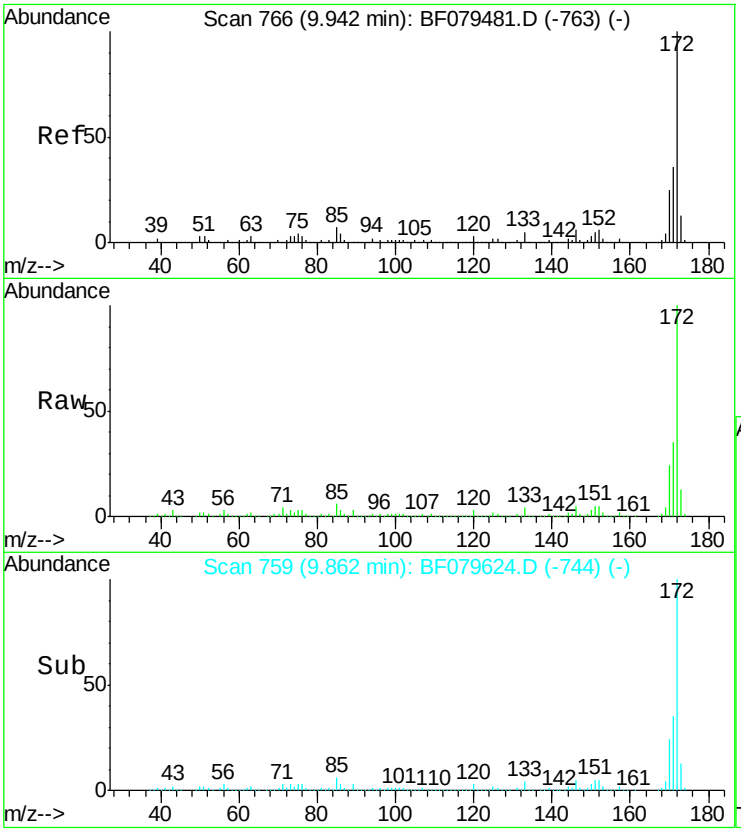


#41
2,4,6-Tribromophenol
Concen: 104.69 ng
RT: 11.66 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion:330 Resp: 179745

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	32.9	0.0	0.0#



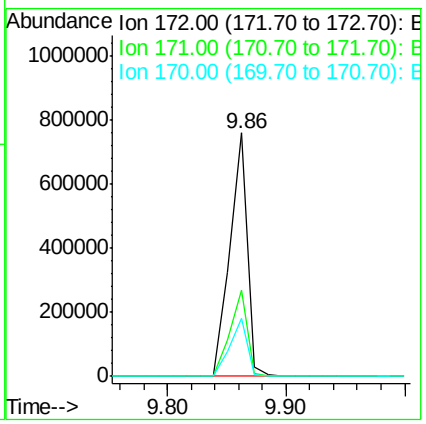


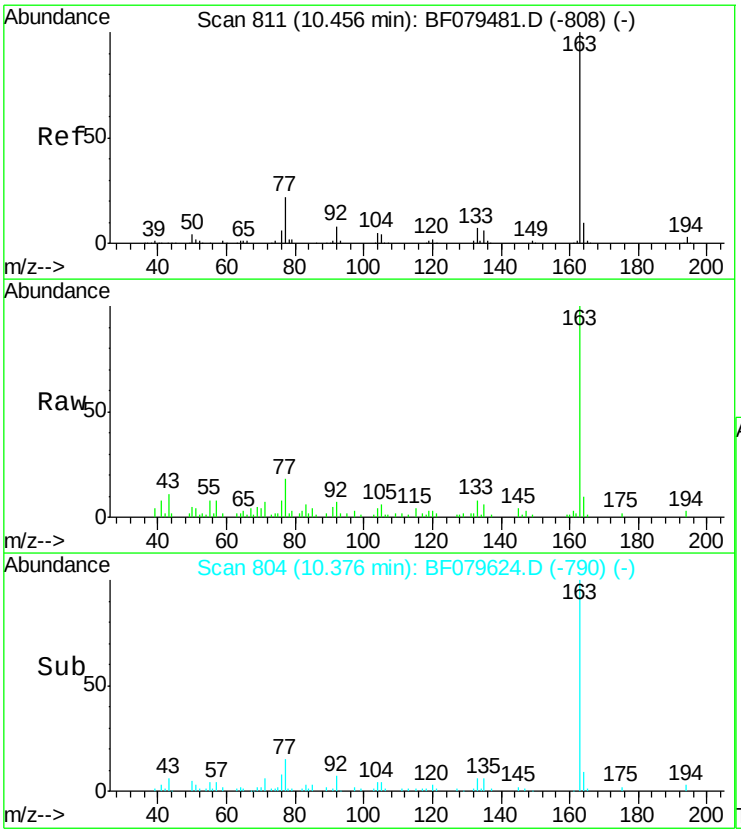
#44
2-Fluorobiphenyl
Concen: 70.46 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:172 Resp: 771973

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.0	19.7	29.5

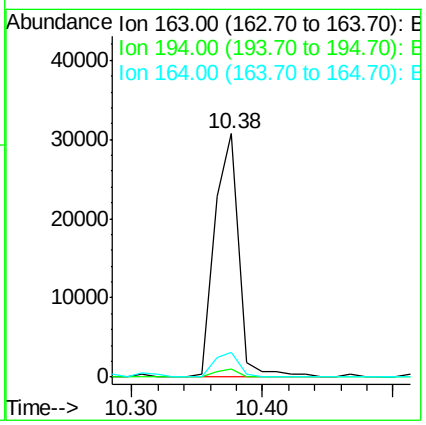


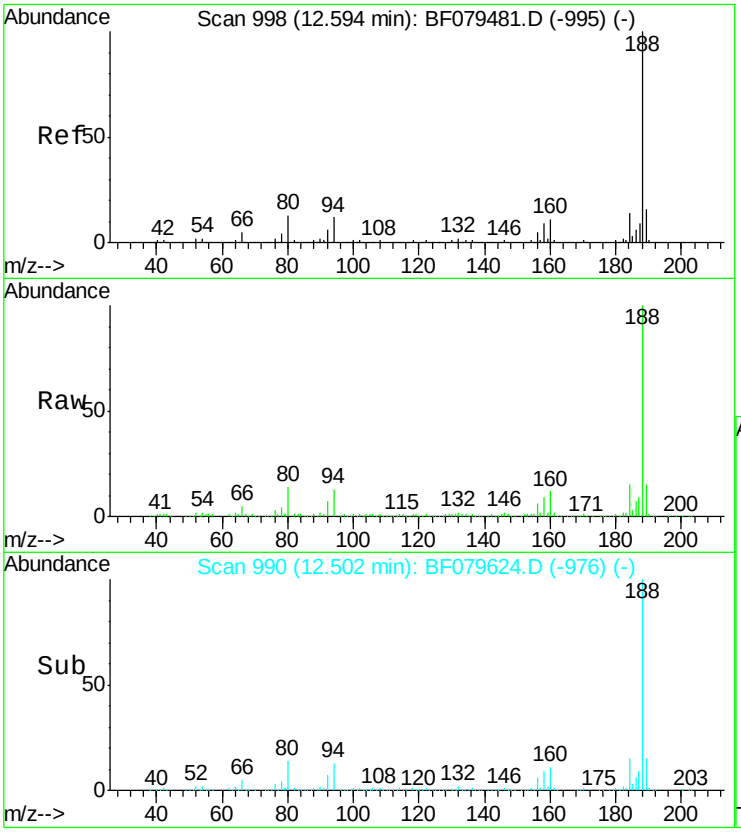


#49
Dimethylphthalate
Concen: 3.44 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion:163 Resp: 39650

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.4	3.6
164	10.4	8.2	12.4



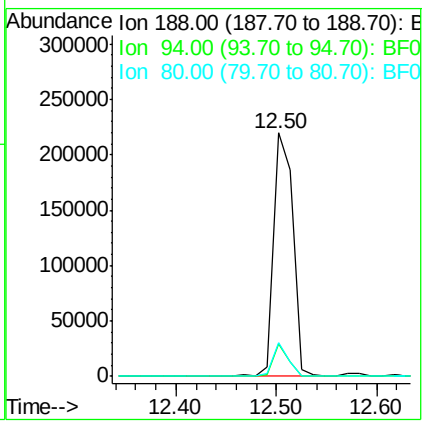


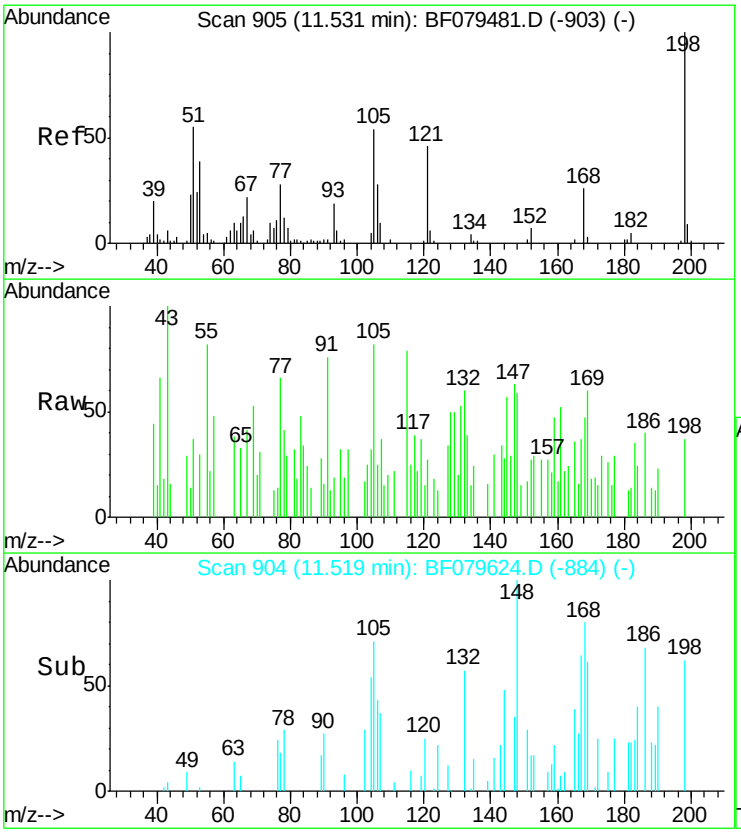
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:188 Resp: 293427

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.8	14.6
80	13.9	10.5	15.7

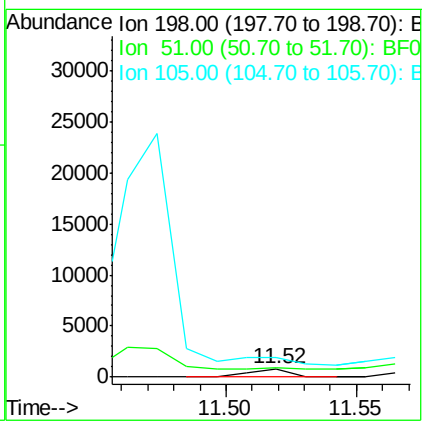


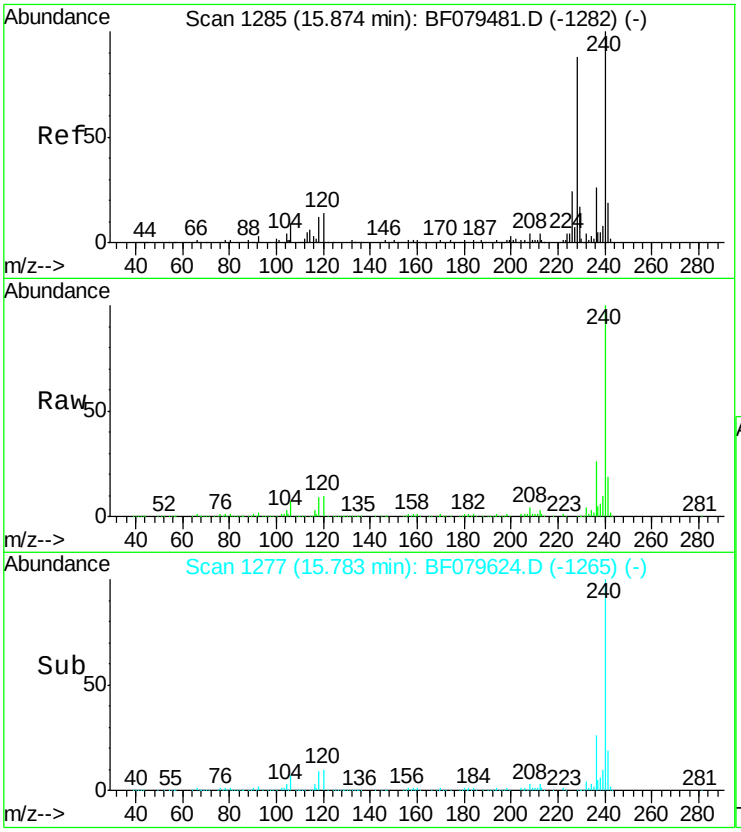


#64
4,6-Dinitro-2-methylphenol
Concen: 7.49 ng
RT: 11.52 min Scan# 904
Delta R.T. 0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion:198 Resp: 855

Ion	Ratio	Lower	Upper
198	100		
51	101.4	36.0	76.0#
105	225.9	34.1	74.1#



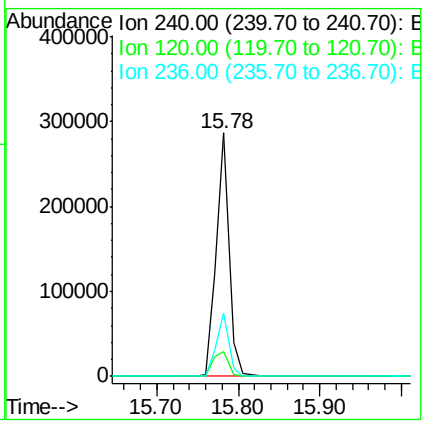


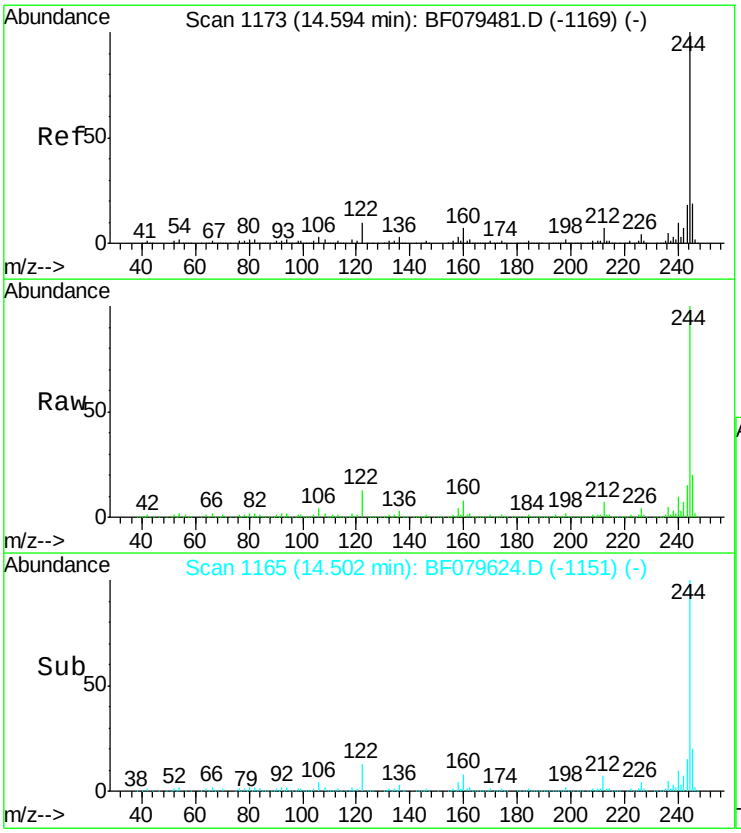
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:240 Resp: 312967

Ion	Ratio	Lower	Upper
240	100		
120	10.3	10.8	16.2#
236	25.9	21.0	31.6

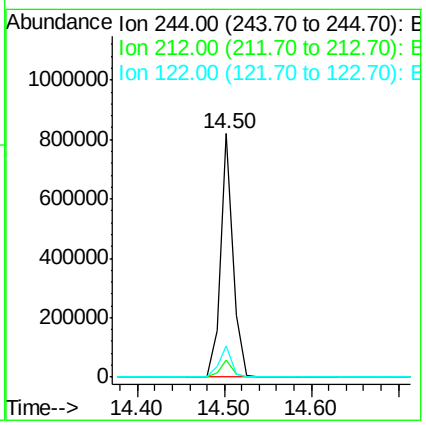


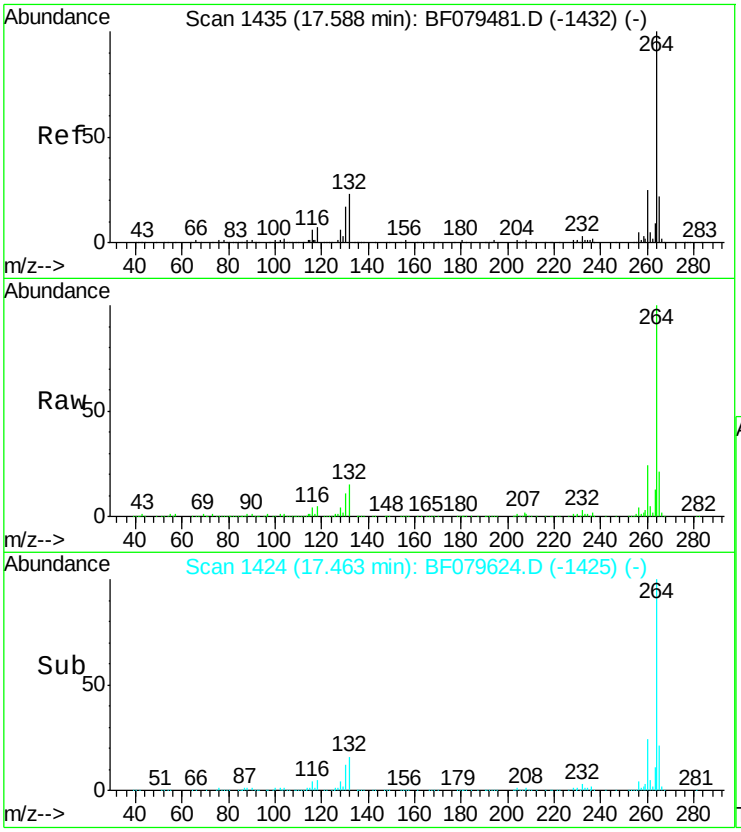


#78
Terphenyl-d14
Concen: 61.46 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Tgt Ion:244 Resp: 819597

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	12.9	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.21 min
Lab File: BF079624.D
Acq: 31 May 2015 3:23

Instrument :
BNA_F
ClientSampleId :
PX4

Tgt Ion:264 Resp: 306436

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.4	17.8	26.6