Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078587.D
Acq On : 17 Apr 2015 3:16
Operator : TP/IZ
Sample : G1823-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4

Quant Time: Apr 17 13:13:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 03:45:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	23999	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	101796	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	53402	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	107089	20.00	ng	0.00
75) Chrysene-d12	15.49	240	124315	20.00	ng	-0.01
86) Perylene-d12	17.13	264	127642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	178492	122.63	ng	0.00
7) Phenol-d6	6.30	99	212847	116.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	142727	84.99	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	67583	152.59	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	340009	91.01	ng	0.00
78) Terphenyl-d14	14.23	244	435219	79.11	ng	0.00
Target Compounds						Qvalue

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

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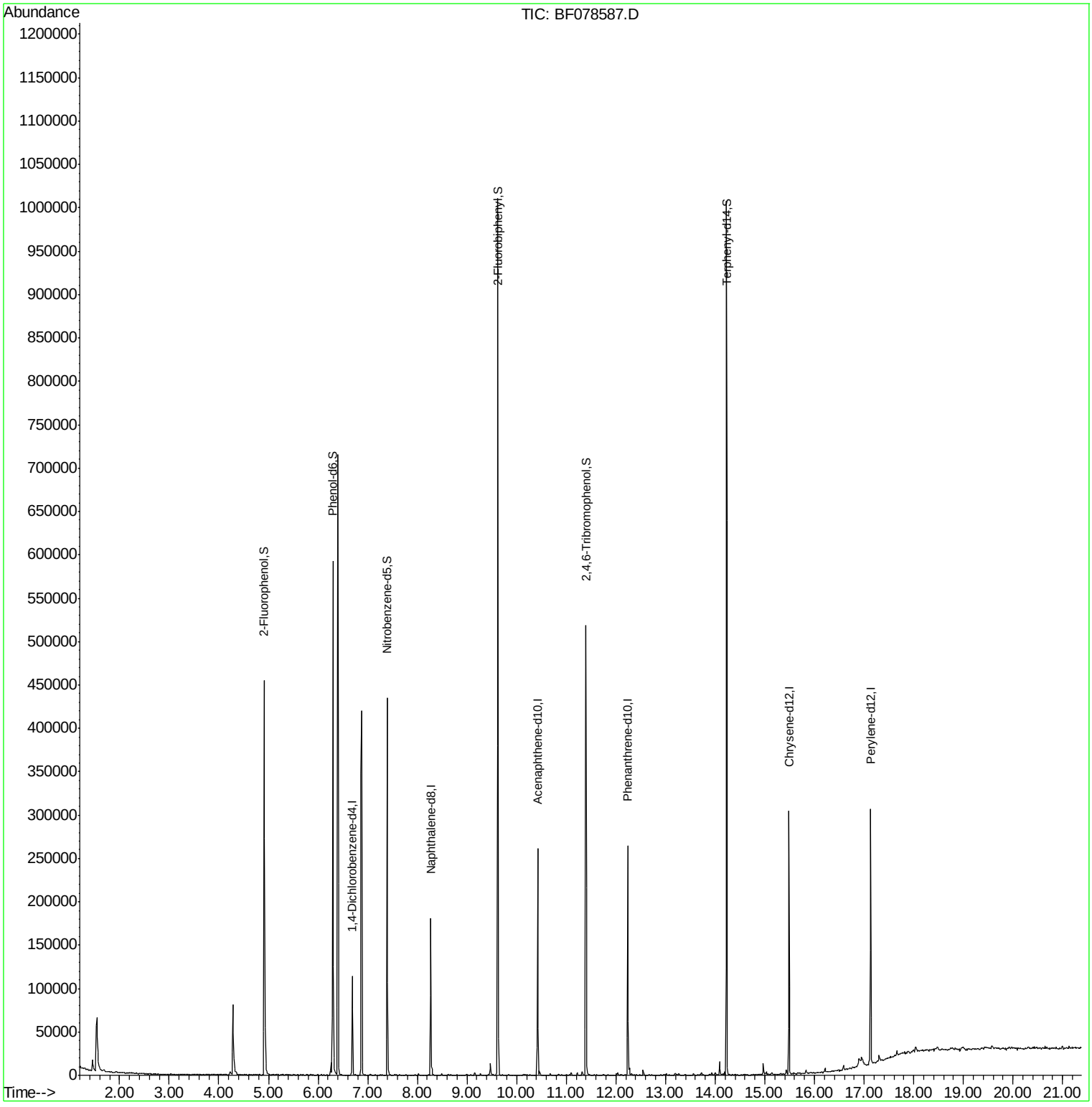
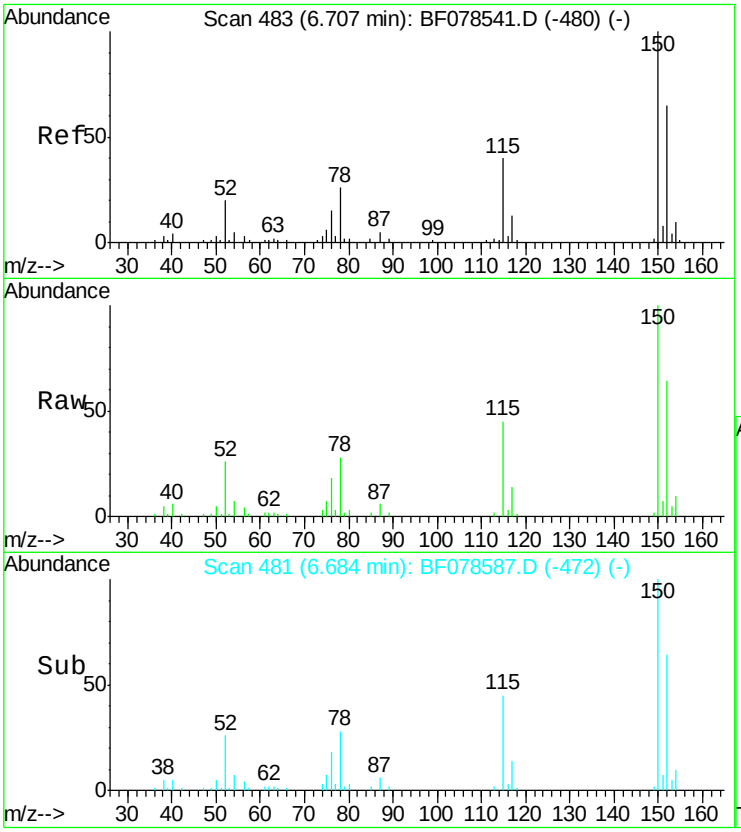


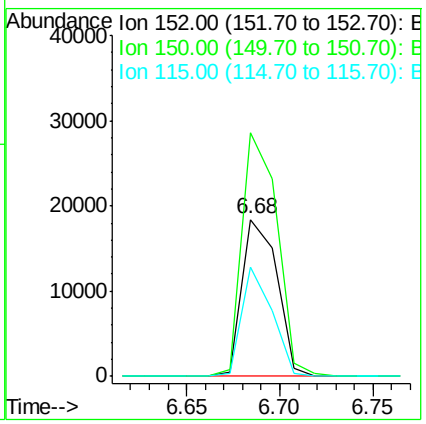


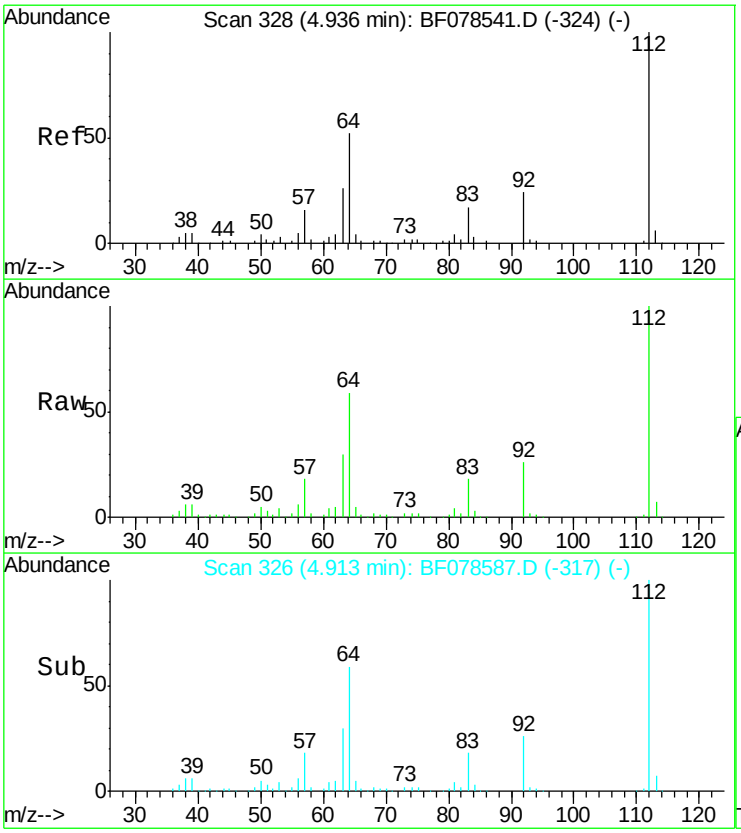
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:152 Resp: 23999

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	69.6	52.7	79.1

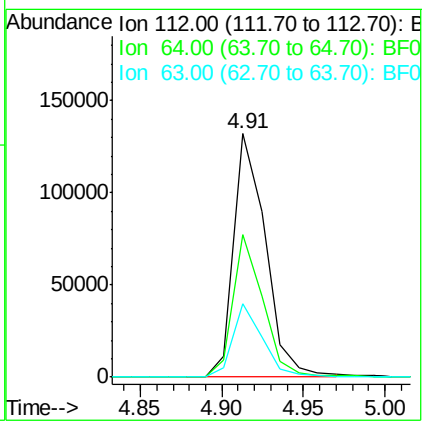


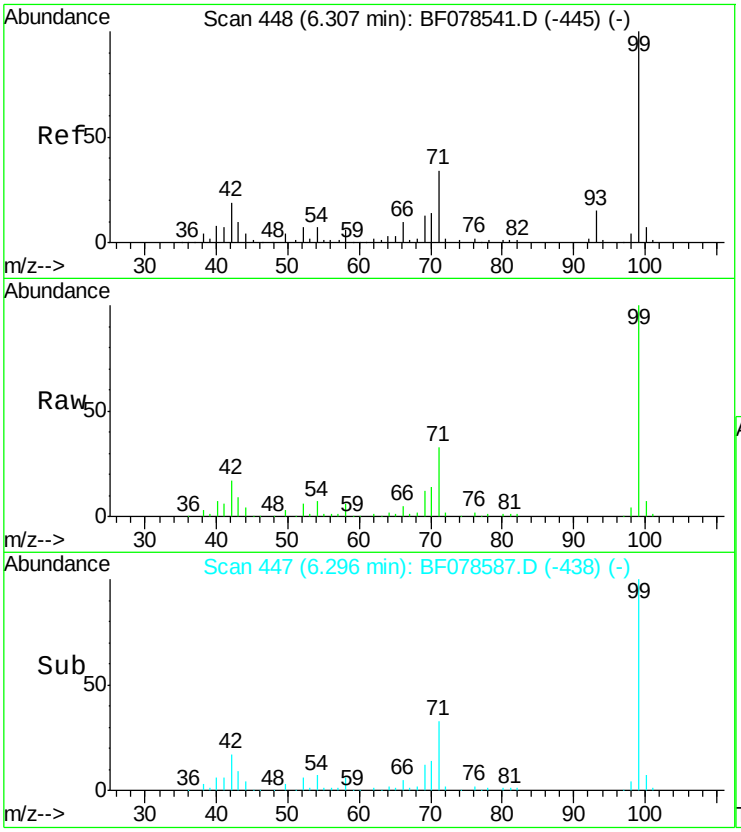


#5
2-Fluorophenol
Concen: 122.63 ng
RT: 4.91 min Scan# 326
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:112 Resp: 178492

Ion	Ratio	Lower	Upper
112	100		
64	58.8	39.9	59.9
63	30.2	20.2	30.4



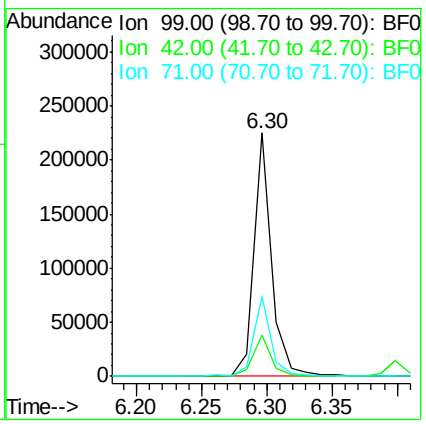


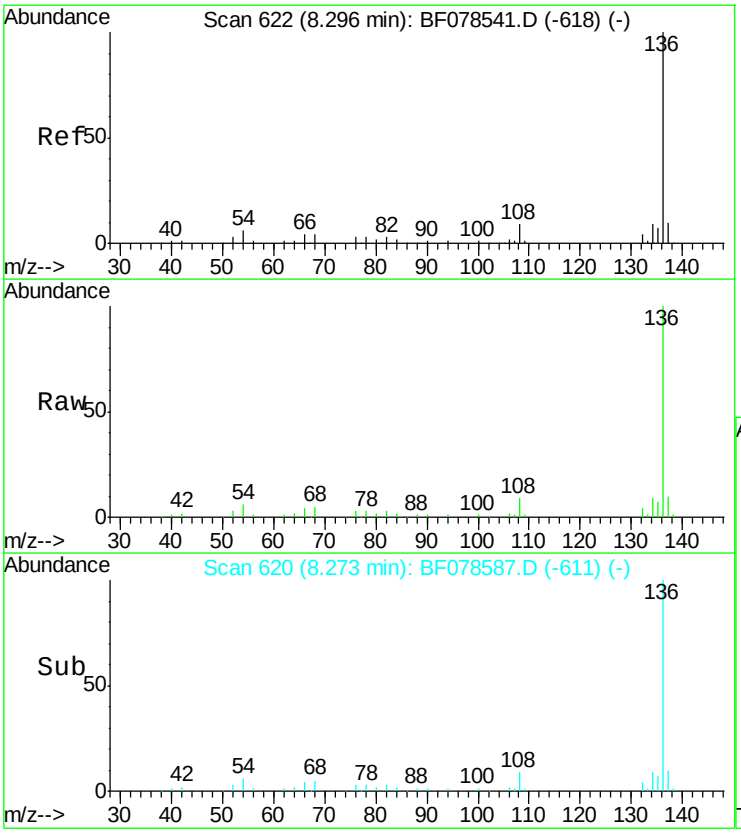
#7
Phenol-d6
Concen: 116.68 ng
RT: 6.30 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion: 99 Resp: 212847

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.8	22.2
71	32.7	26.6	39.8

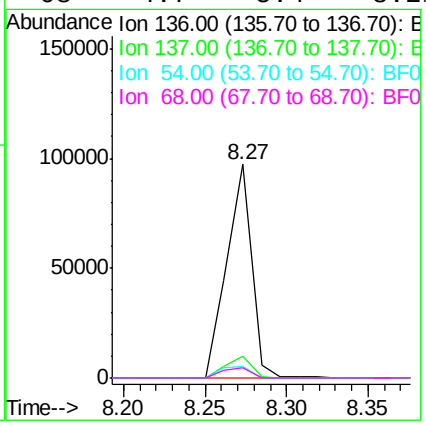


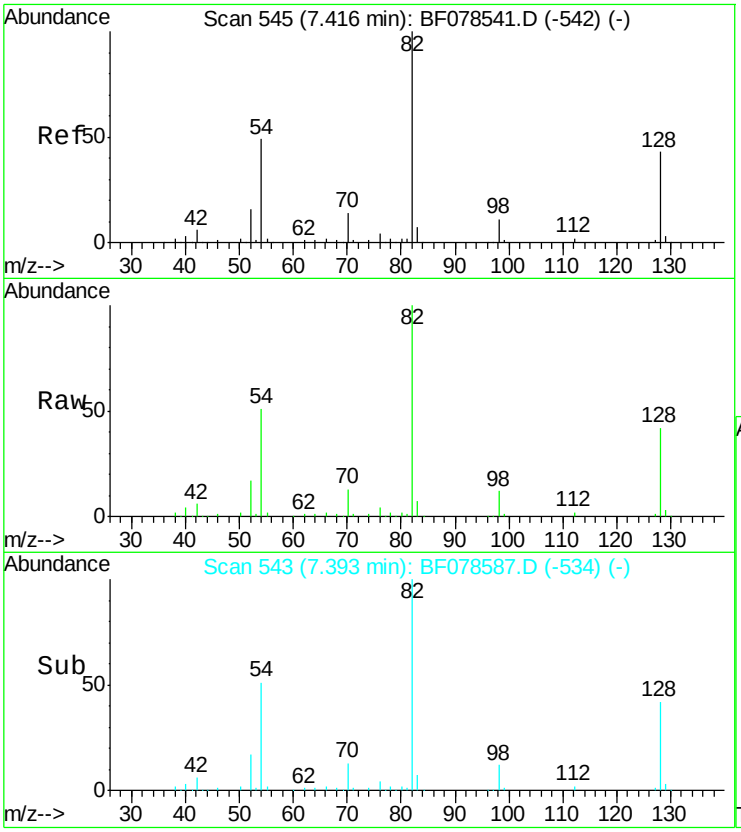


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:136 Resp: 101796

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	5.6	7.0	10.6#
68	4.7	5.4	8.2#



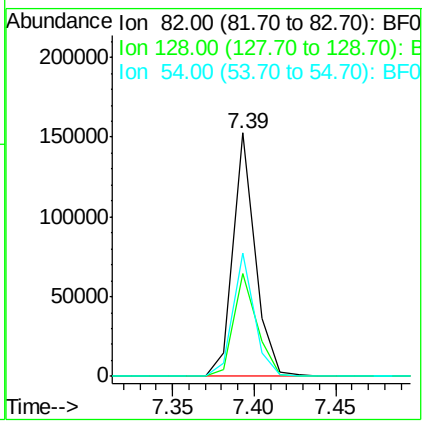


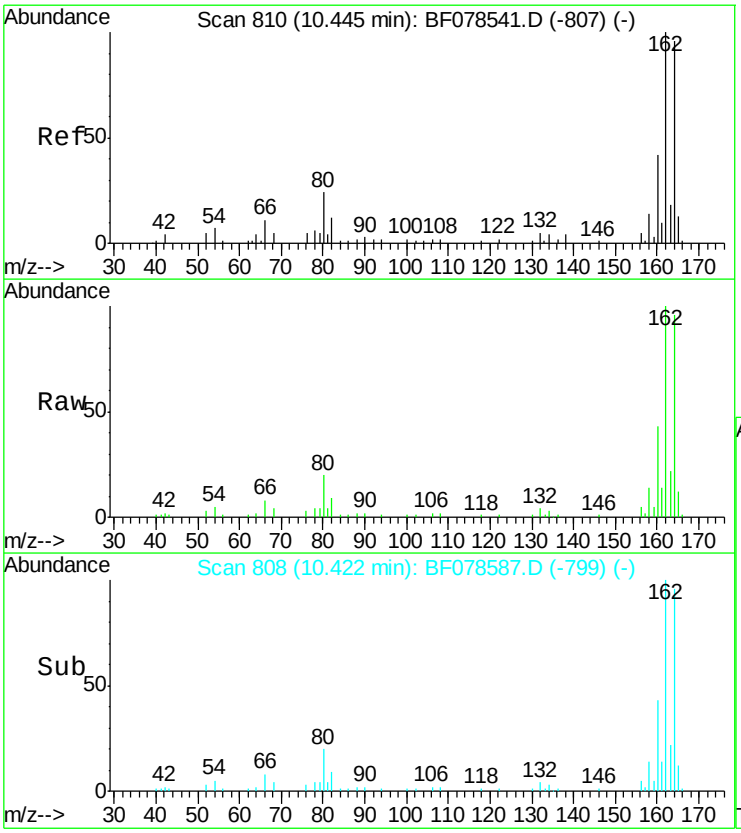
#23
Nitrobenzene-d5
Concen: 84.99 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion: 82 Resp: 142727

Ion	Ratio	Lower	Upper
82	100		
128	42.0	31.8	47.8
54	50.8	41.5	62.3

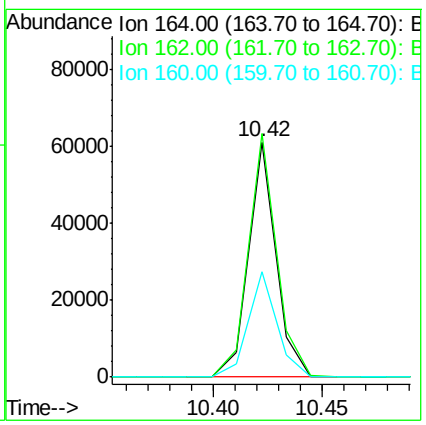


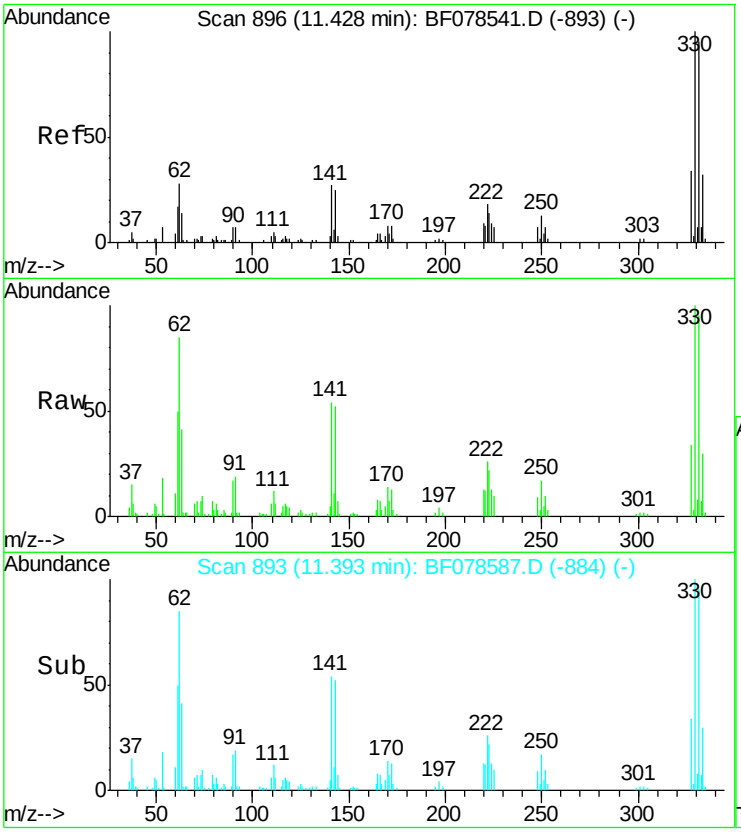


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:164 Resp: 53402

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.2
160	45.1	34.7	52.1



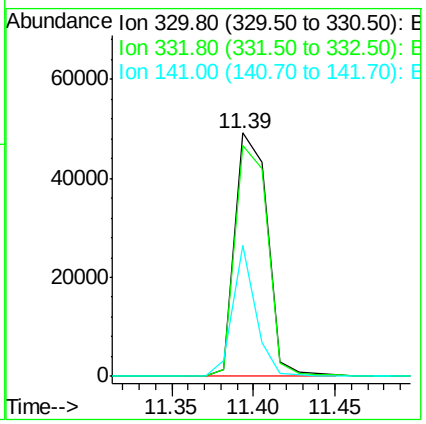


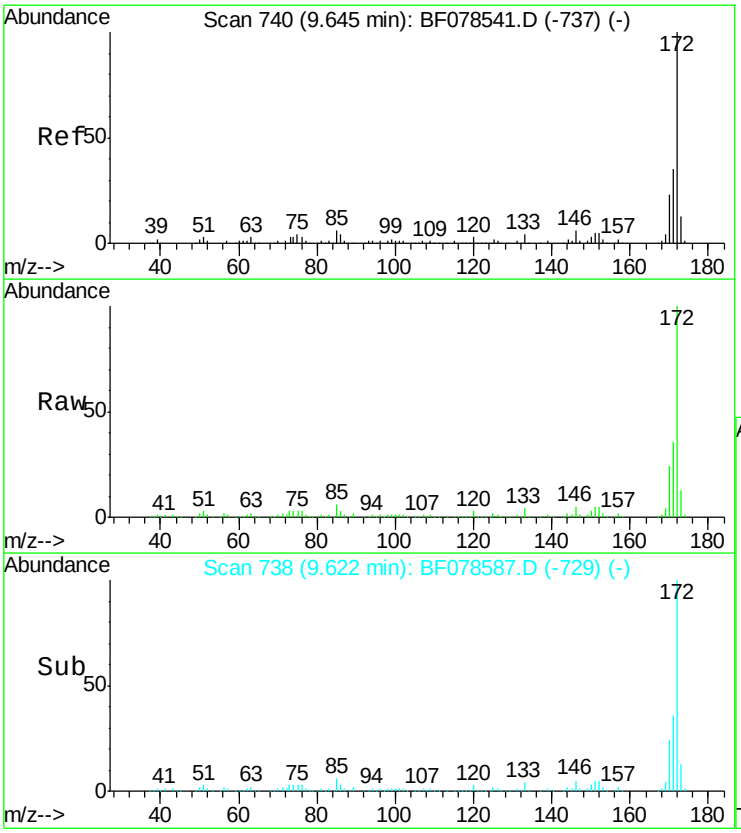
#41
2,4,6-Tribromophenol
Concen: 152.59 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:330 Resp: 67583

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.6	117.8
141	37.7	31.2	46.8

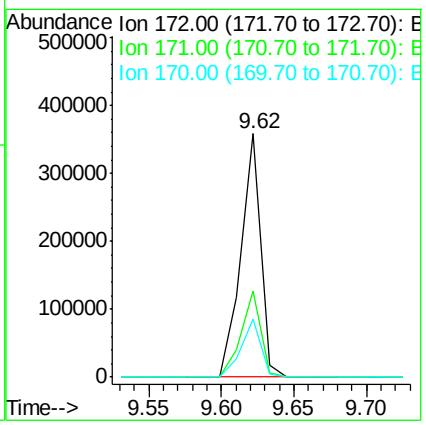


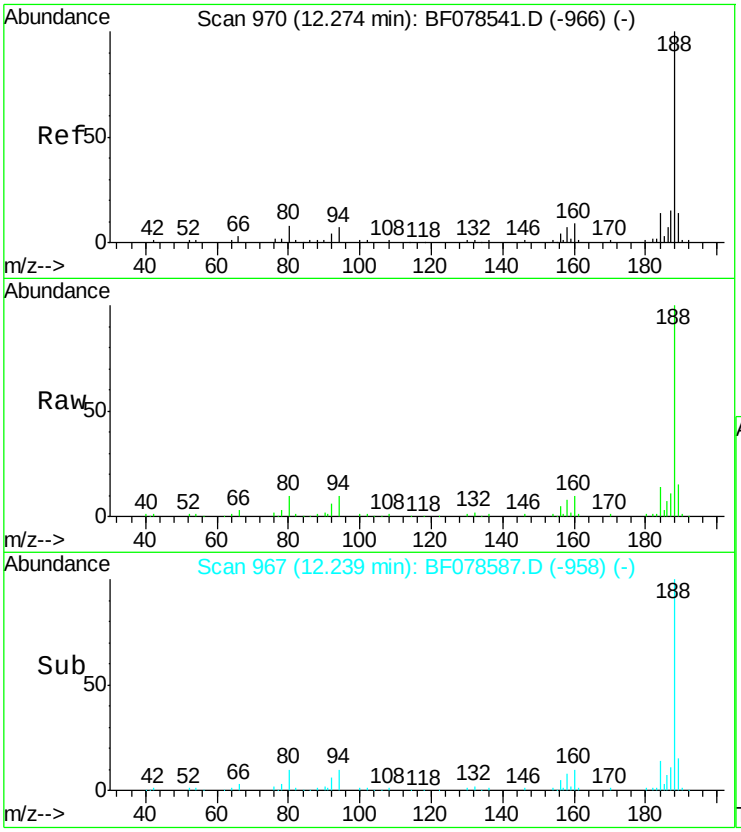


#44
2-Fluorobiphenyl
Concen: 91.01 ng
RT: 9.62 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:172 Resp: 340009

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.6	18.5	27.7



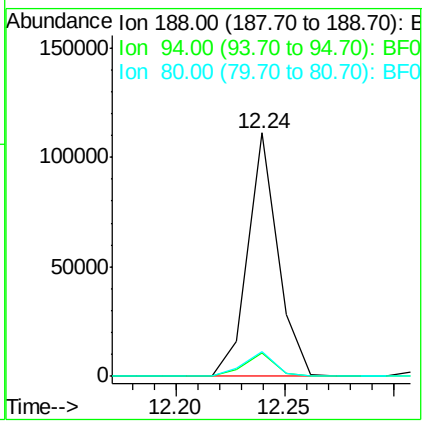


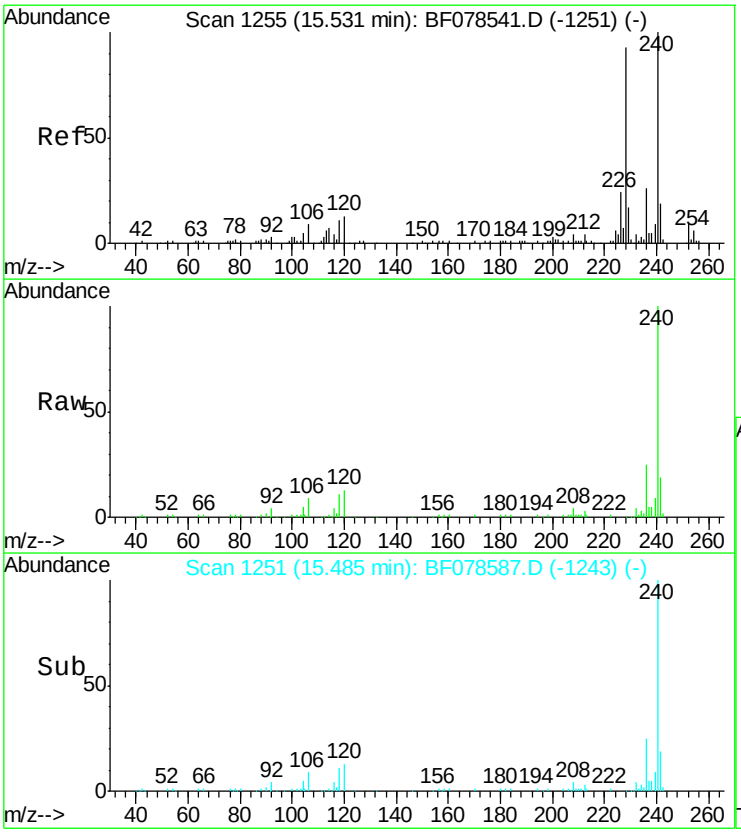
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.24 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

Tgt Ion:188 Resp: 107089

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	10.3	9.5	14.3

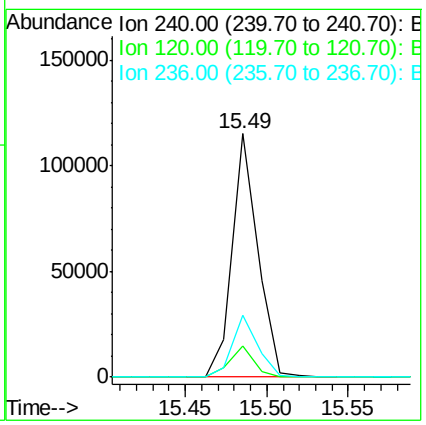


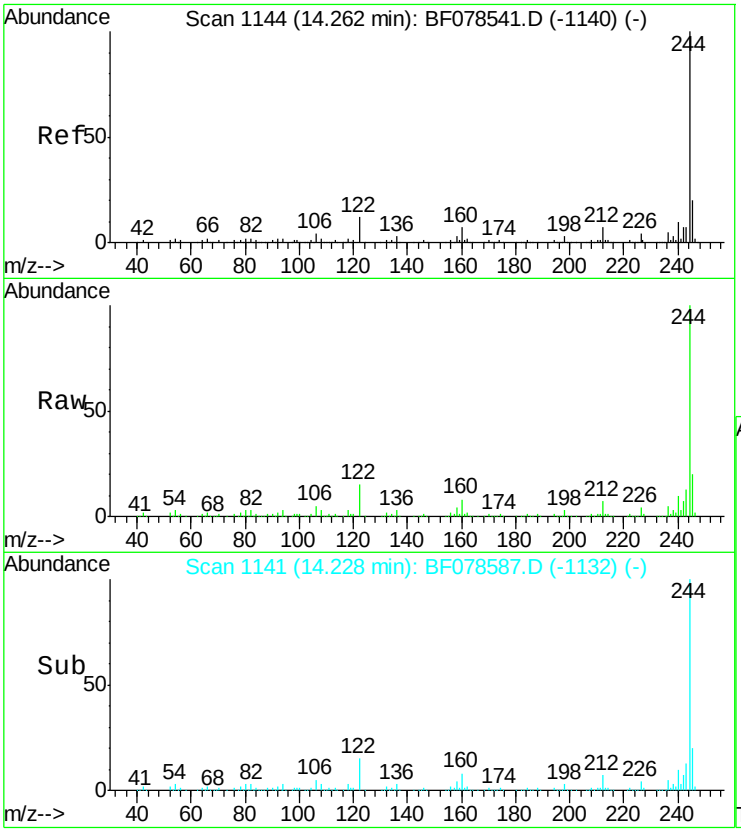


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:240 Resp: 124315

Ion	Ratio	Lower	Upper
240	100		
120	12.8	7.1	10.7#
236	25.4	21.4	32.2



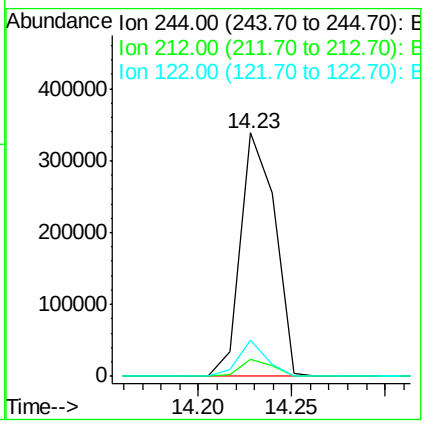


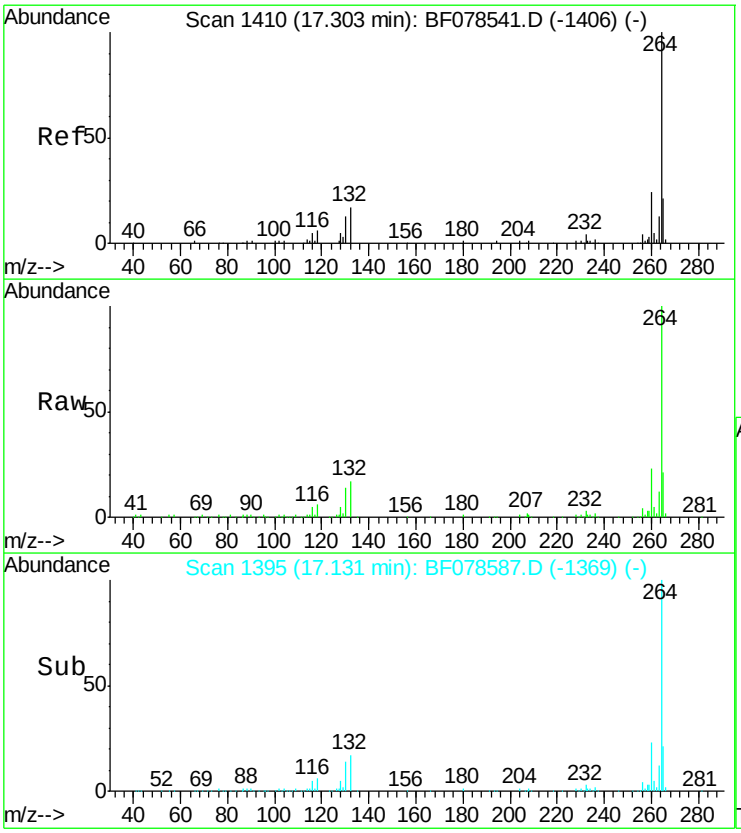
#78
Terphenyl-d14
Concen: 79.11 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Instrument :
BNA_F
ClientSampleId :
SP-4

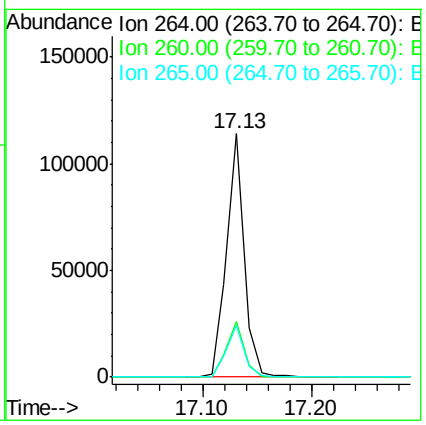
Tgt Ion:244 Resp: 435219

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.0	7.4
122	14.7	7.1	10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.13 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF078587.D
Acq: 17 Apr 2015 3:16

Tgt Ion:264 Resp: 127642

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.2	17.0	25.6