Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098581.D
Acq On : 15 Sep 2017 21:01
Operator : SJ/JU
Sample : I5229-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UT5400S19

Quant Time: Sep 16 03:39:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	140313	20.00	ng	-0.03
21) Naphthalene-d8	7.93	136	588112	20.00	ng	-0.02
38) Acenaphthene-d10	9.67	164	274585	20.00	ng	-0.03
63) Phenanthrene-d10	11.16	188	528035	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	419338	20.00	ng	-0.02
86) Perylene-d12	15.20	264	296648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1133025	119.39	ng	-0.02
7) Phenol-d6	6.30	99	1423962	118.18	ng	-0.02
23) Nitrobenzene-d5	7.22	82	865411	82.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	279160	152.33	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1231829	76.04	ng	-0.03
78) Terphenyl-d14	12.75	244	1232333	63.43	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	241143	11.345	ng	99

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

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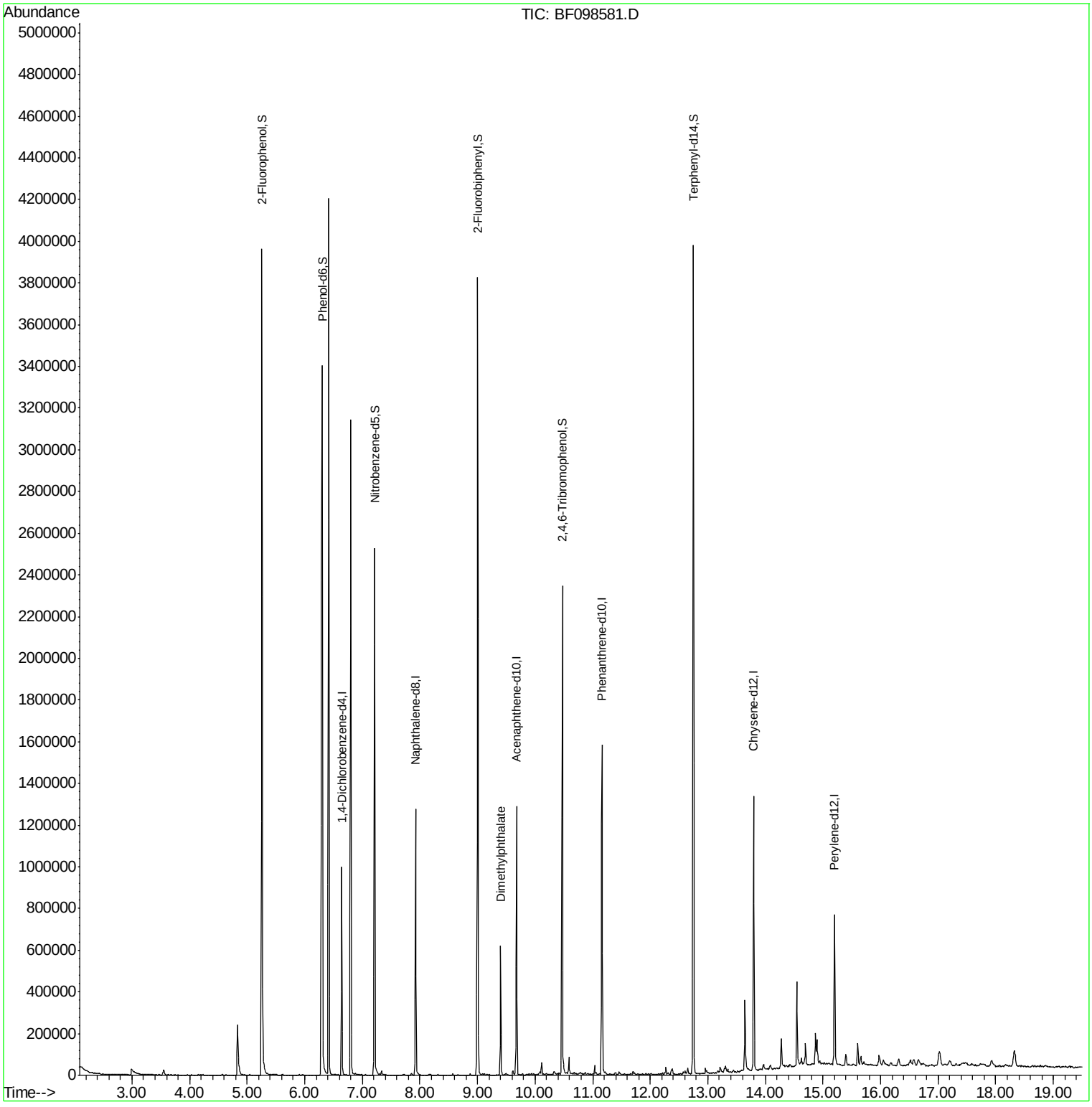
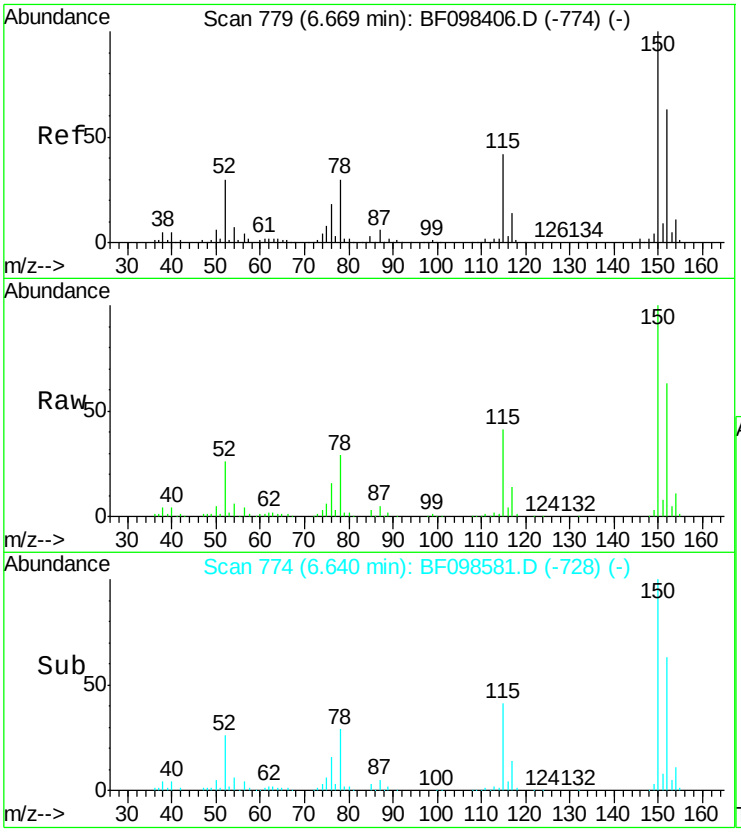


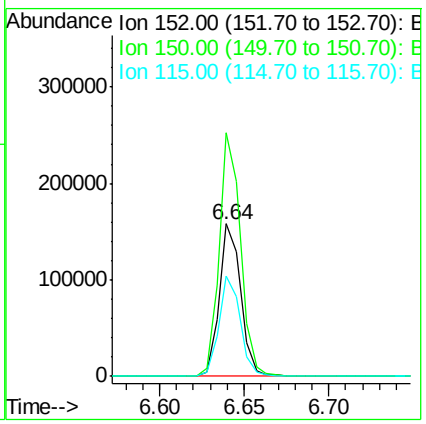


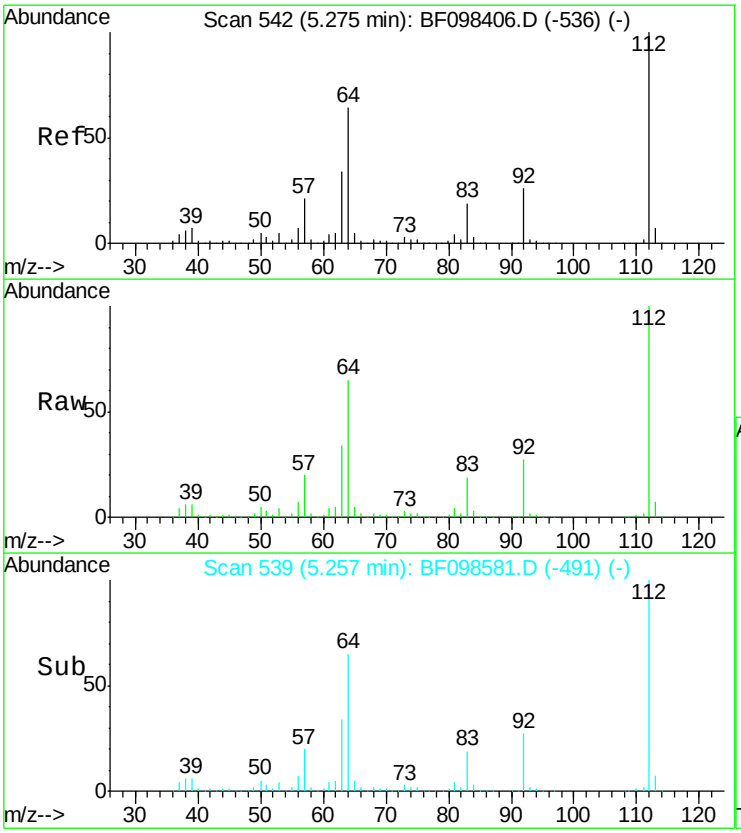
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion:152 Resp: 140313

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	66.0	52.2	78.2

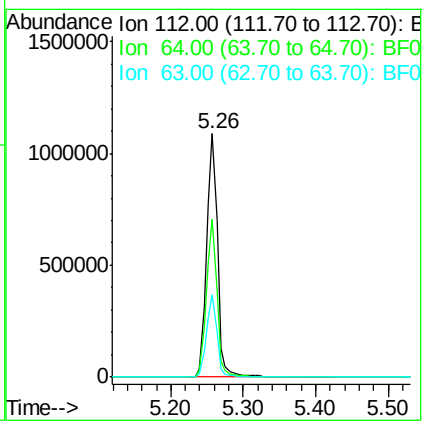


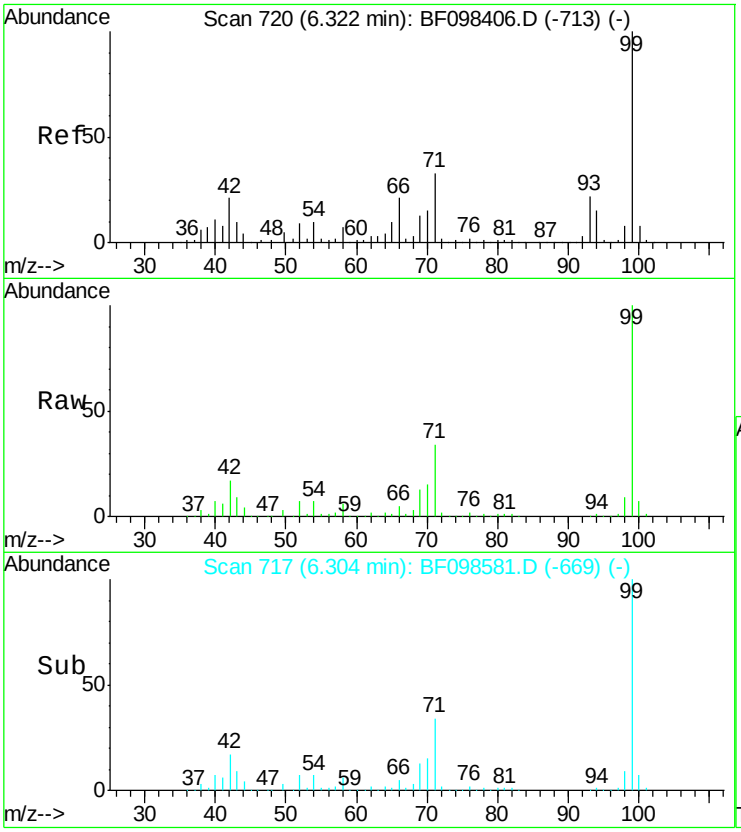


#5
2-Fluorophenol
Concen: 119.391 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:112 Resp: 1133025

Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.0	69.0
63	33.7	23.4	35.0



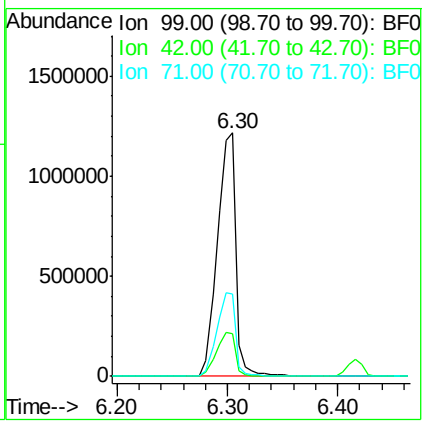


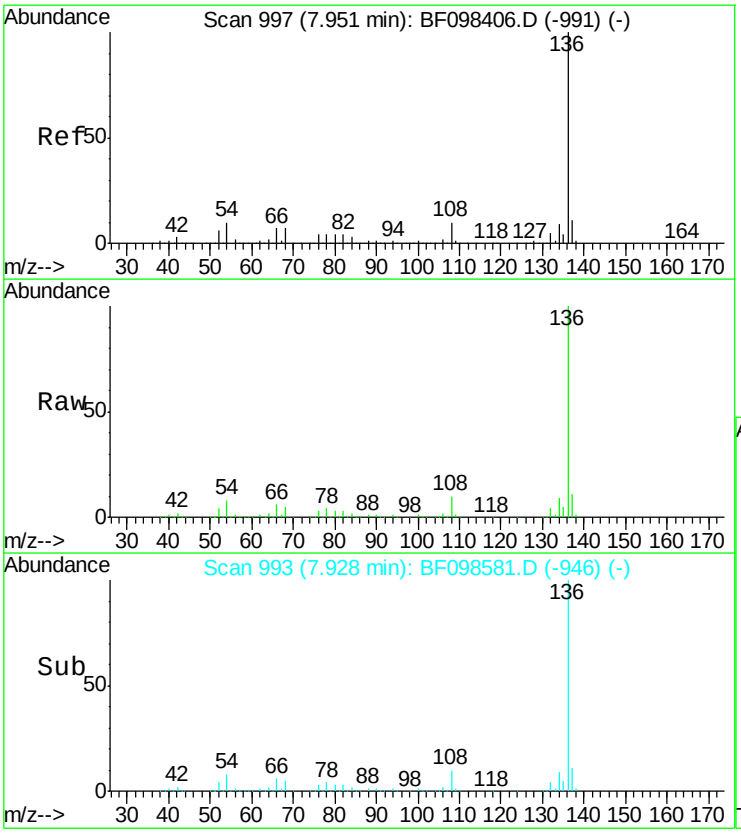
#7
Phenol-d6
Concen: 118.179 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion: 99 Resp: 1423962

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.9	24.5	36.7

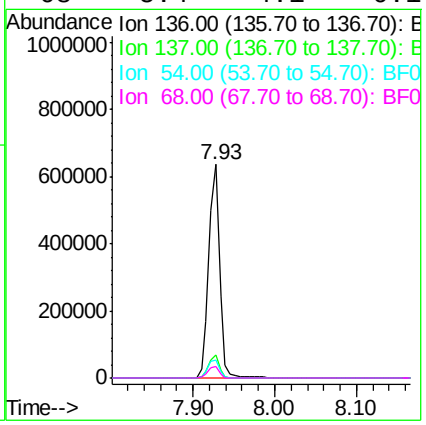


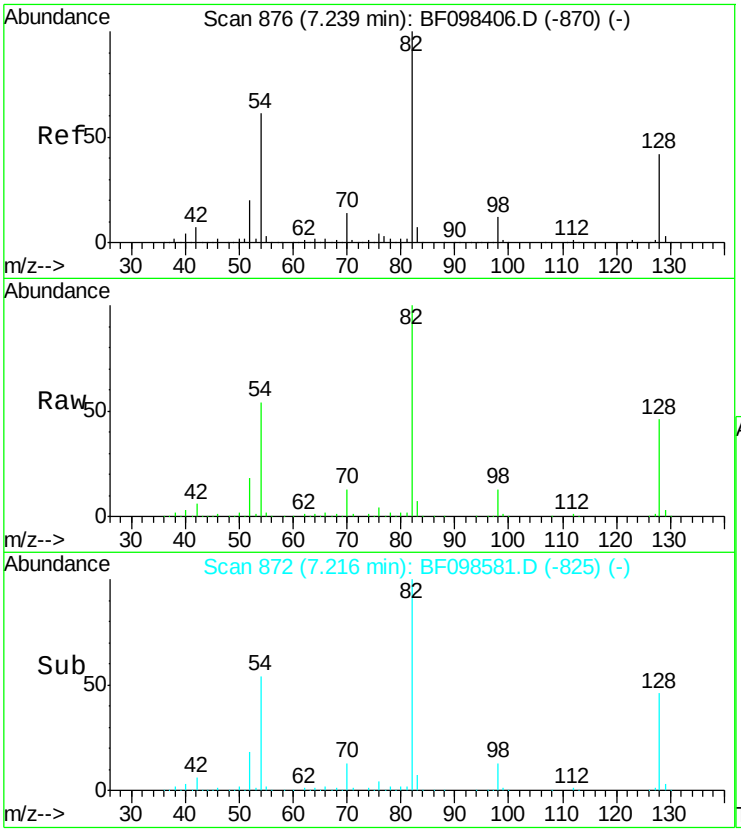


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:136 Resp: 588112

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.4	4.9	7.3#
68	5.4	4.1	6.1



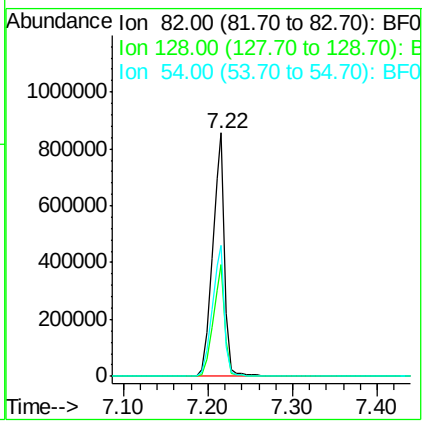


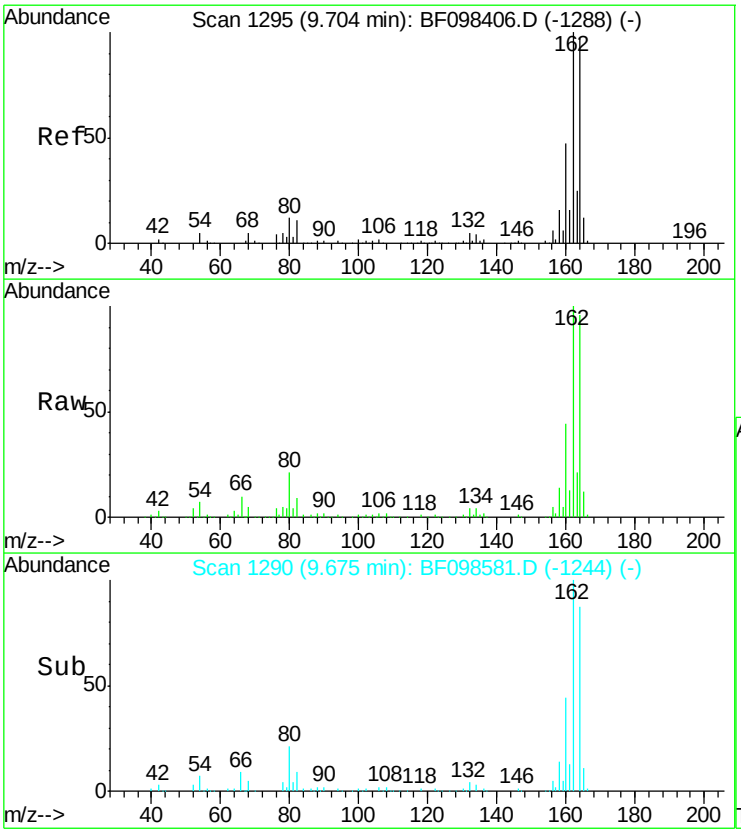
#23
Nitrobenzene-d5
Concen: 82.036 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion: 82 Resp: 865411

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	53.6	42.2	63.2

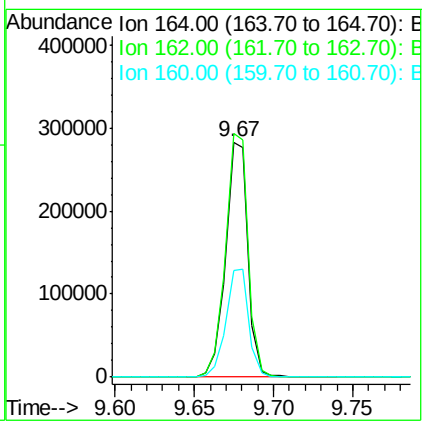


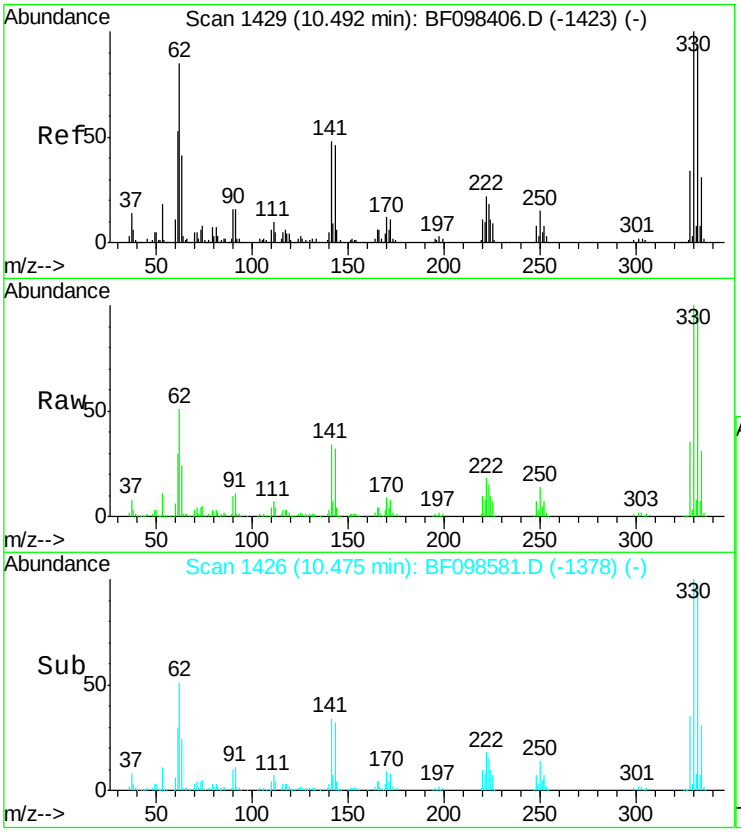


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:164 Resp: 274585

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.6	36.2	54.2



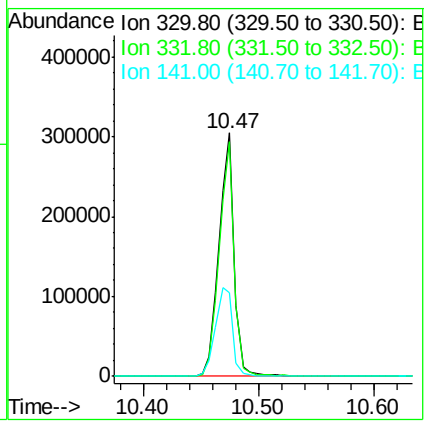


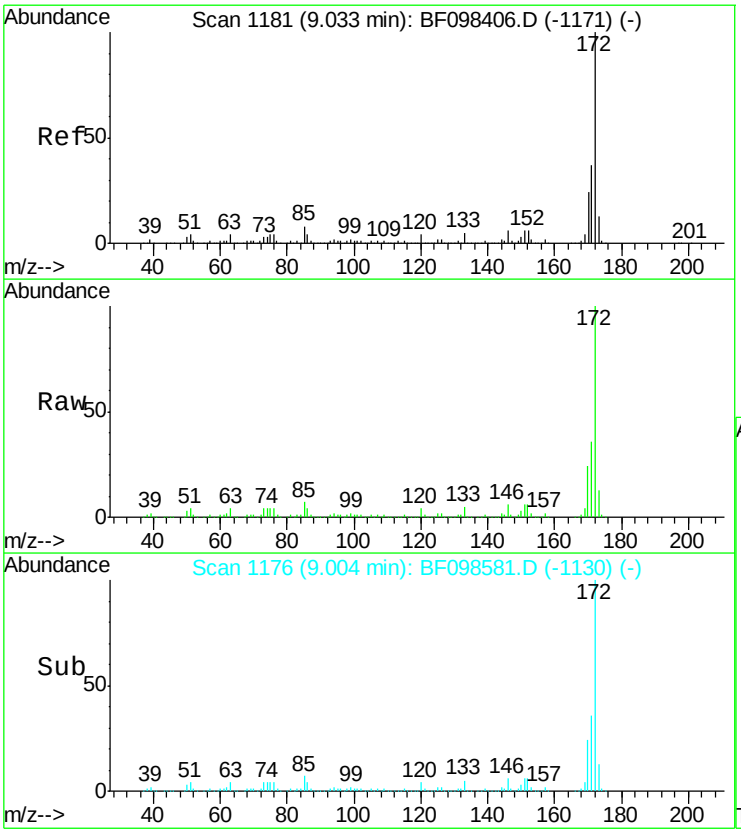
#41
2,4,6-Tribromophenol
Concen: 152.327 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion:330 Resp: 279160

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	41.2	31.4	47.2

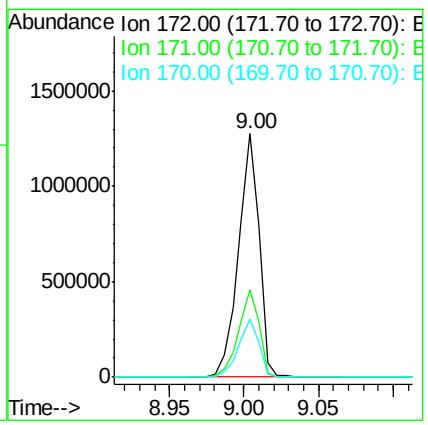


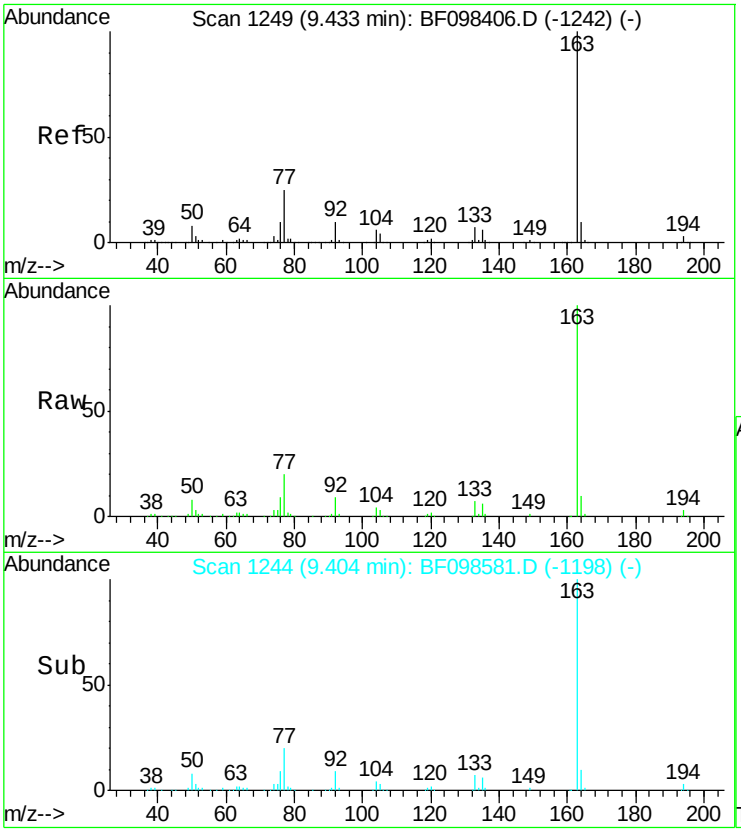


#44
2-Fluorobiphenyl
Concen: 76.037 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:172 Resp: 1231829

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8



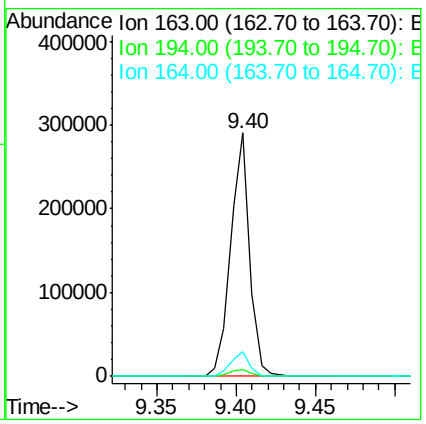


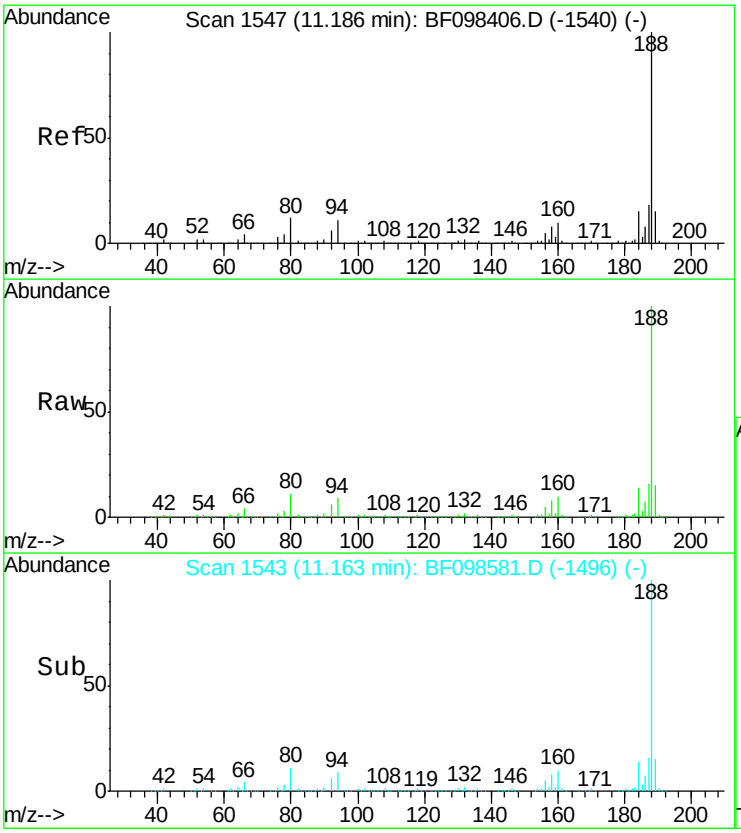
#49
Dimethylphthalate
Concen: 11.345 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion:163 Resp: 241143

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6

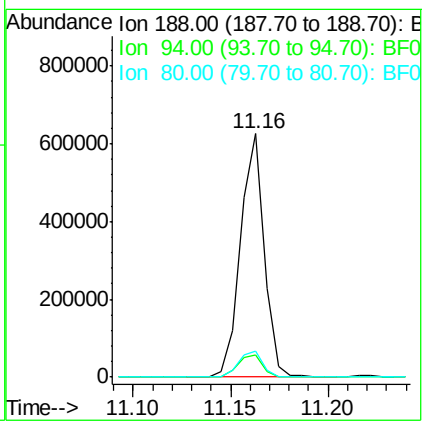


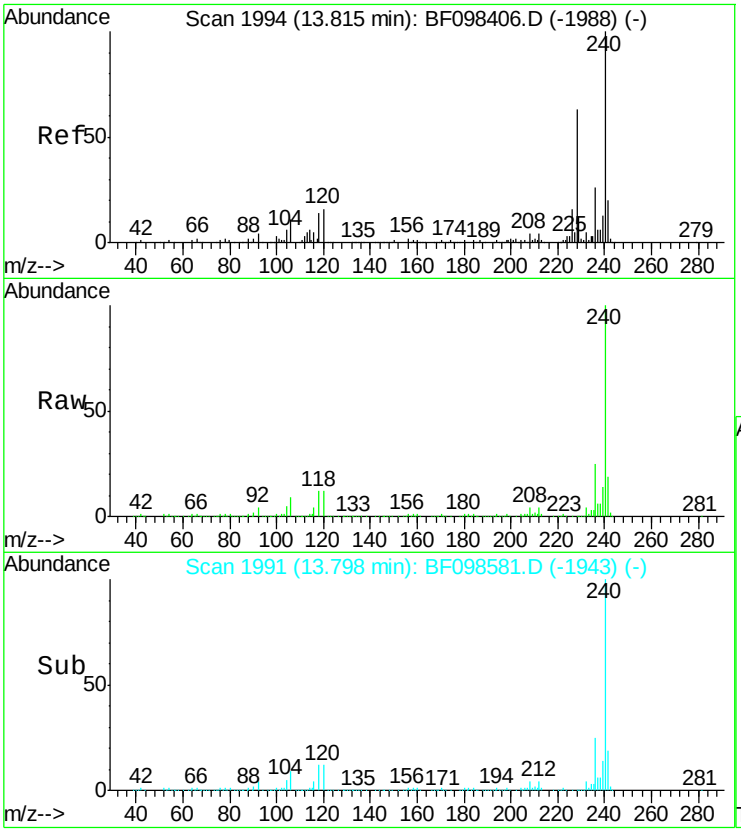


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:188 Resp: 528035

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.5	10.2	15.2



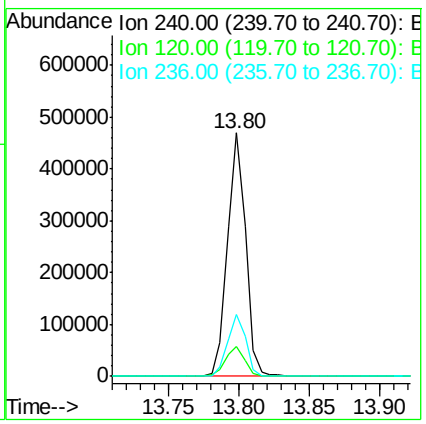


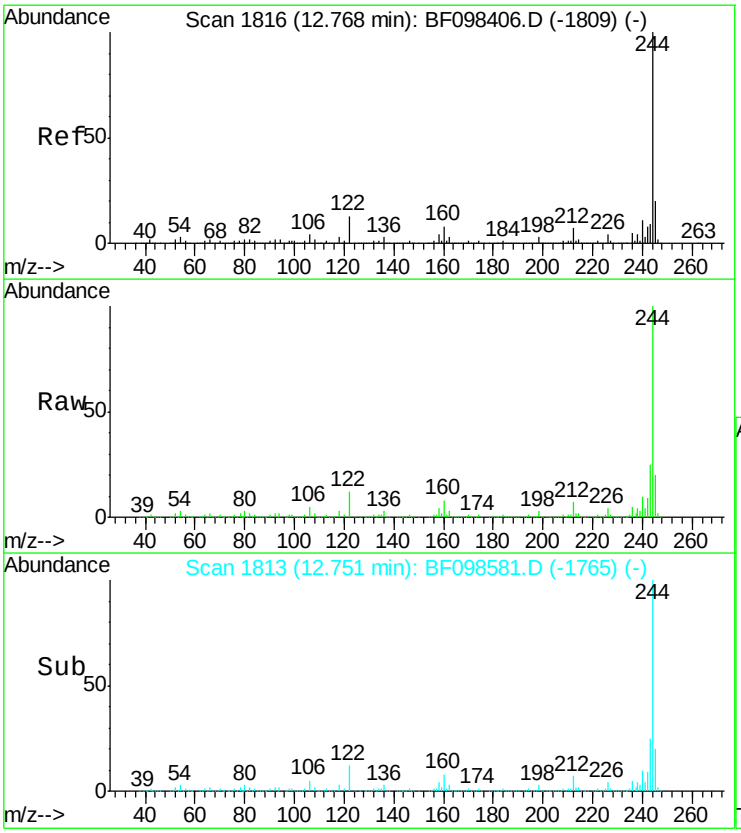
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion:240 Resp: 419338

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.8	8.8#
236	25.4	20.5	30.7

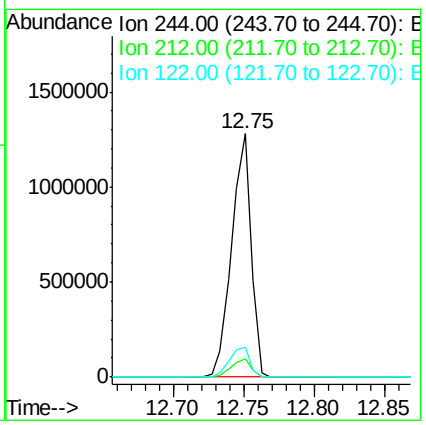


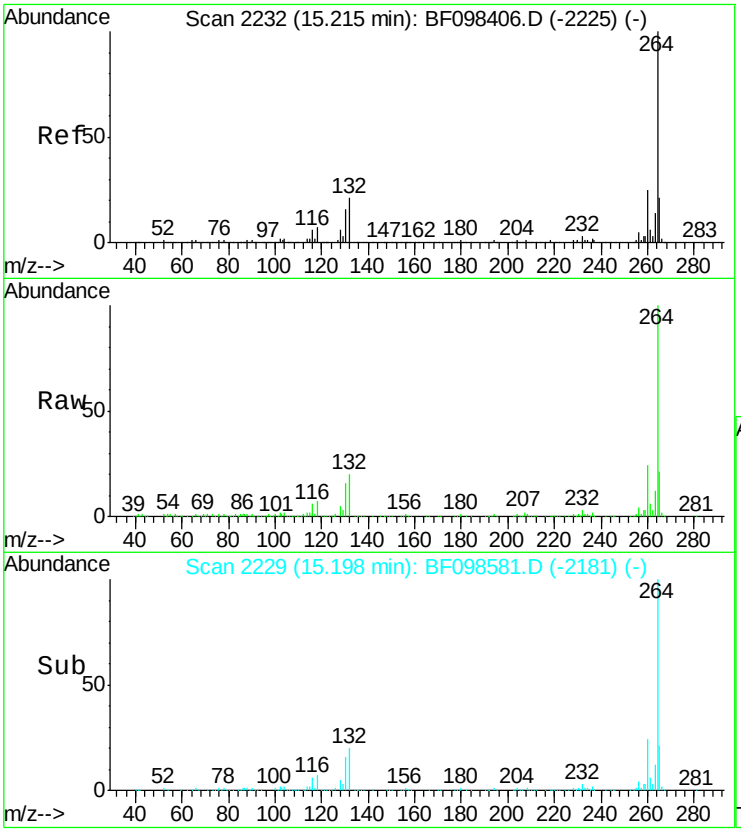


#78
Terphenyl-d14
Concen: 63.432 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Tgt Ion:244 Resp: 1232333

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.4	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098581.D
Acq: 15 Sep 2017 21:01

Instrument :
BNA_F
ClientSampleId :
UT5400S19

Tgt Ion:264 Resp: 296648

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.1	17.2	25.8