Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098950.D
Acq On : 29 Sep 2017 16:13
Operator : SJ/JU
Sample : I5487-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-092717-D

Quant Time: Sep 29 17:03:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	147554	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	616911	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	267522	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	407884	20.00	ng	0.00
75) Chrysene-d12	14.07	240	226685	20.00	ng	-0.01
86) Perylene-d12	15.57	264	242241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1113355	120.12	ng	0.02
7) Phenol-d6	6.55	99	1215563	106.31	ng	0.00
23) Nitrobenzene-d5	7.48	82	948576	98.61	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	276286	126.21	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1586644	99.01	ng	0.00
78) Terphenyl-d14	13.03	244	1035572	103.89	ng	0.00
Target Compounds						Qvalue

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

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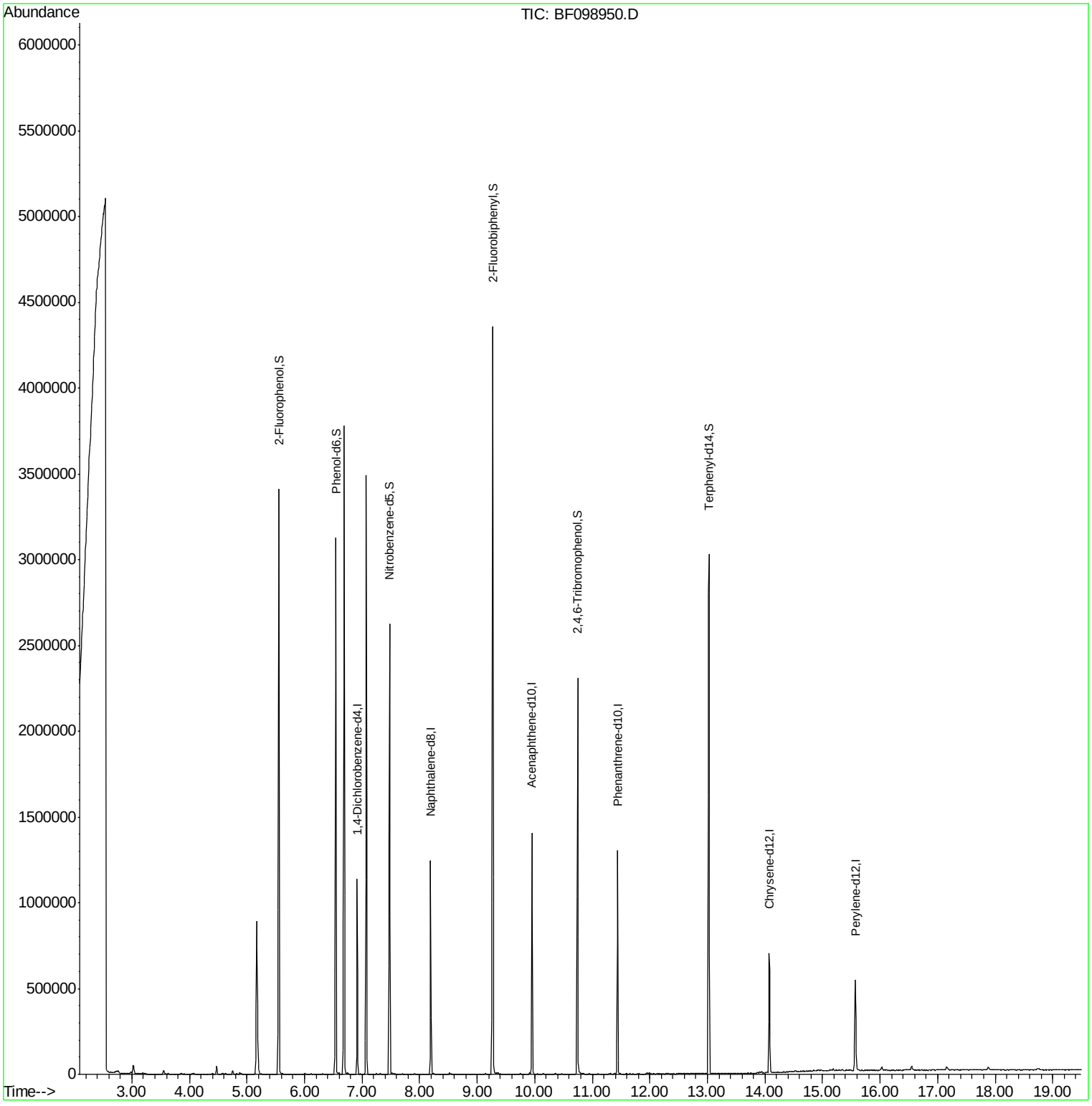
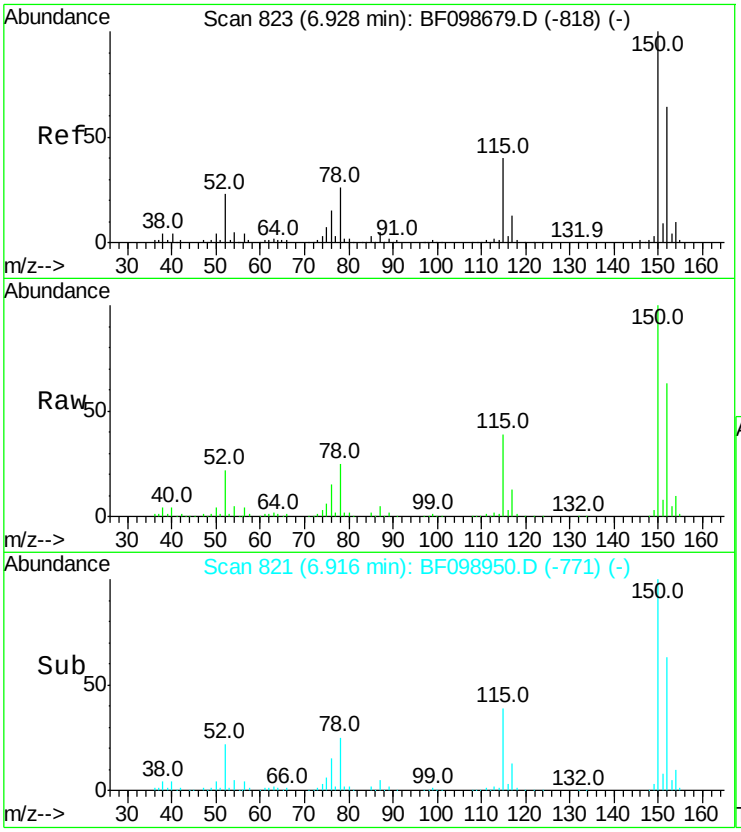


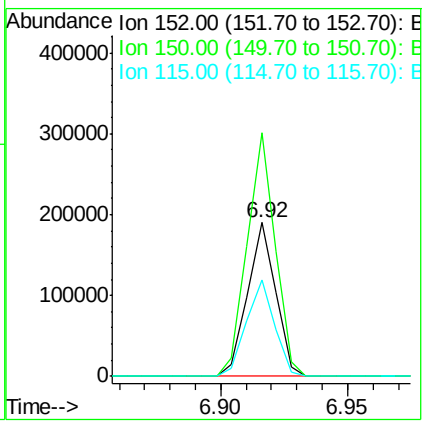


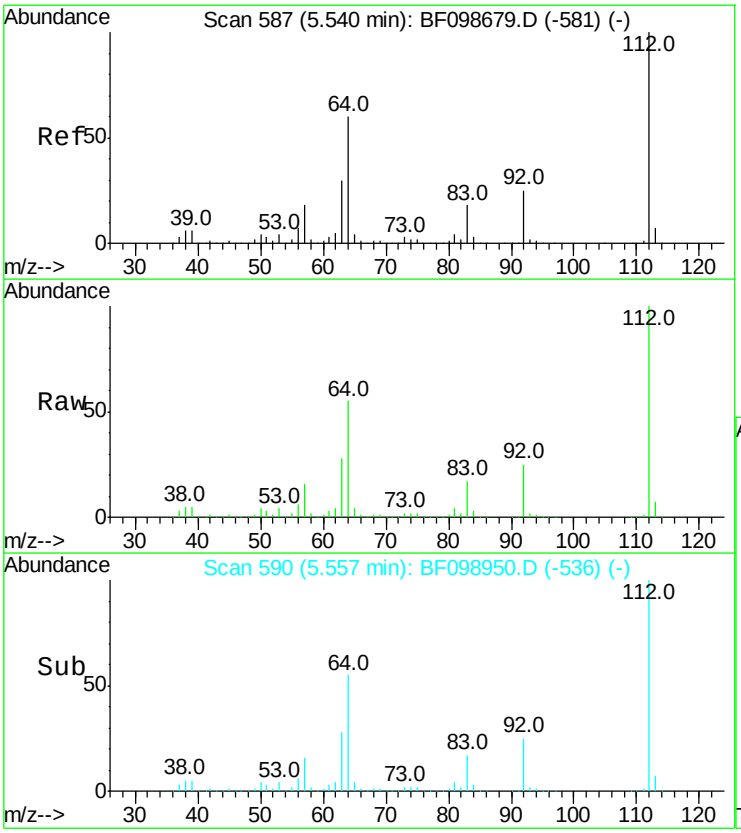
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tgt Ion:152 Resp: 147554

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	62.2	50.1	75.1

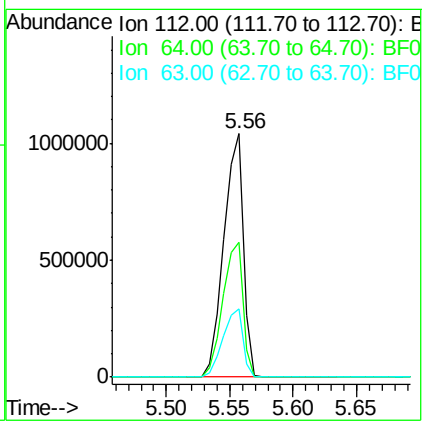


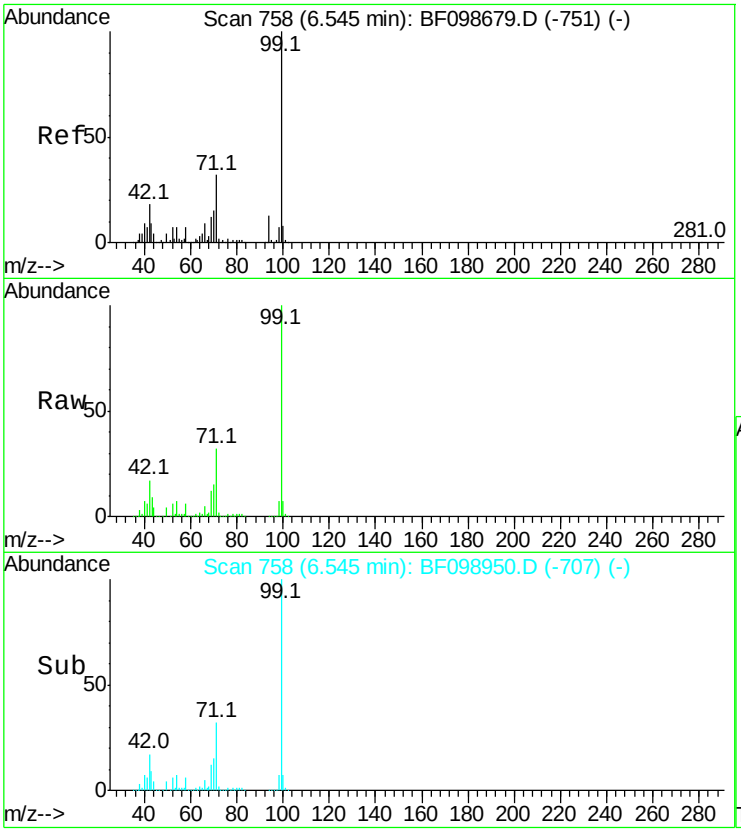


#5
2-Fluorophenol
Concen: 120.115 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:112 Resp: 1113355

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.9	23.7	35.5



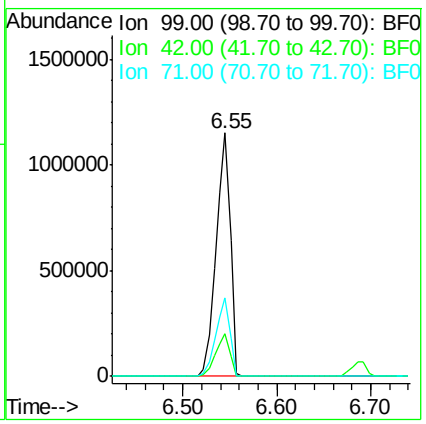


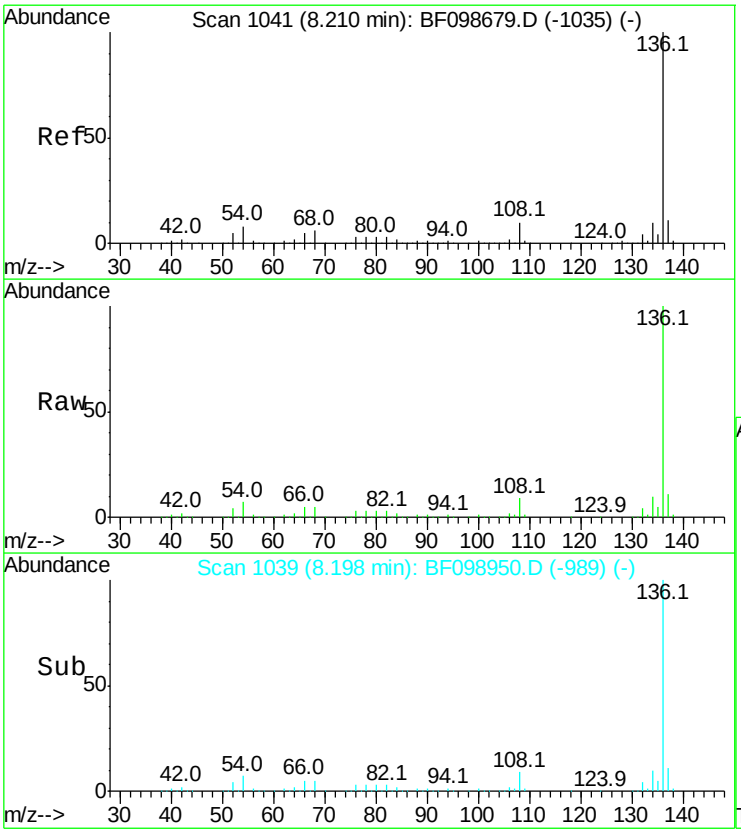
#7
Phenol-d6
Concen: 106.307 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tgt Ion: 99 Resp: 1215563

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	32.2	25.4	38.0

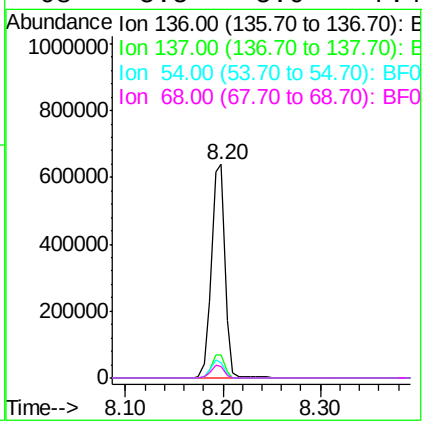


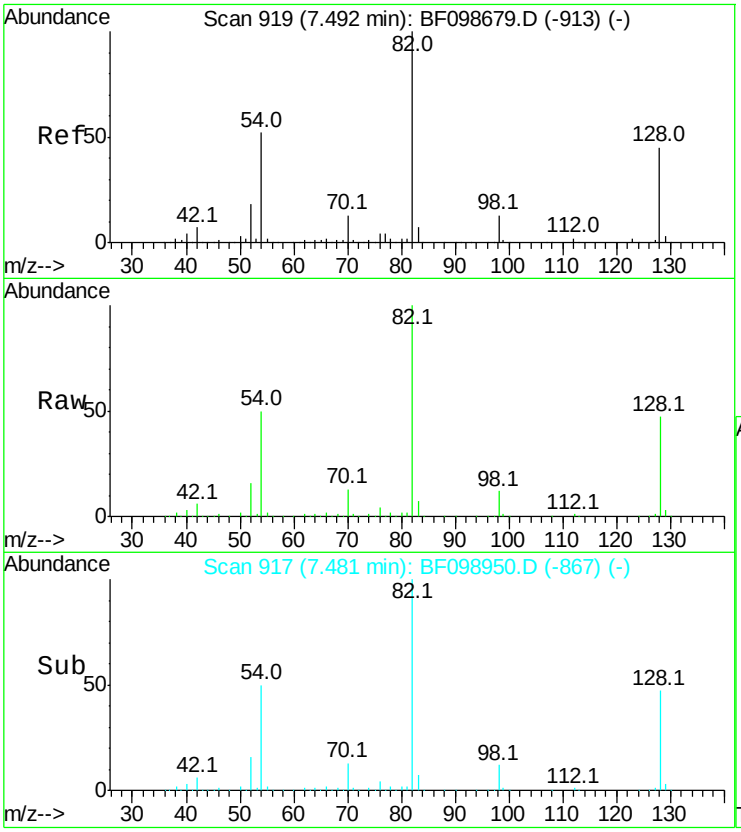


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:136 Resp: 616911

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.2	6.6	9.8
68	5.5	5.0	7.4



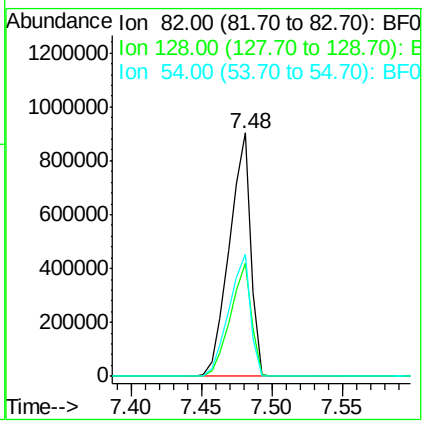


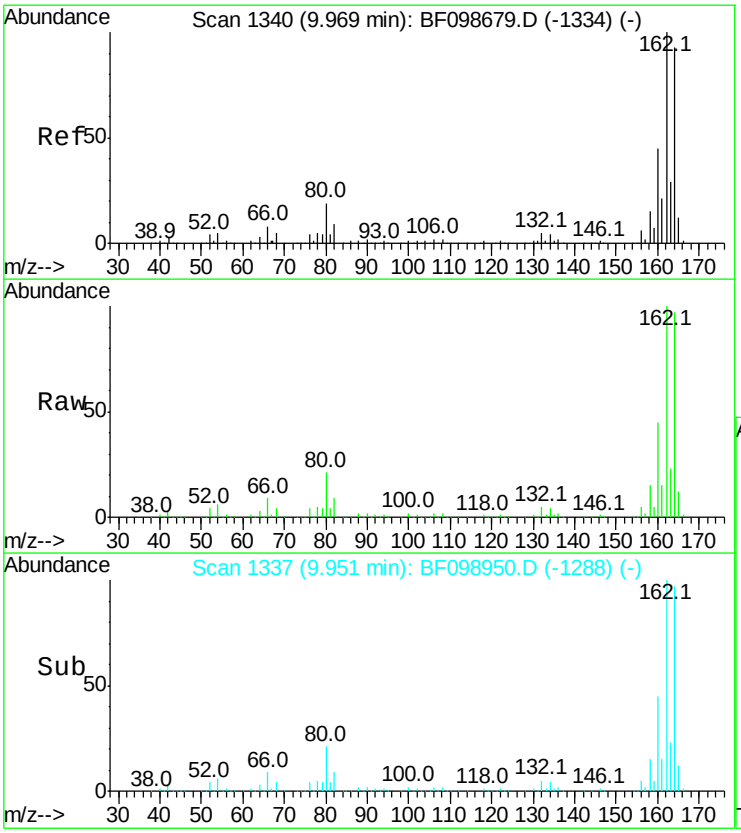
#23
Nitrobenzene-d5
Concen: 98.608 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tgt Ion: 82 Resp: 948576

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	49.9	41.4	62.2

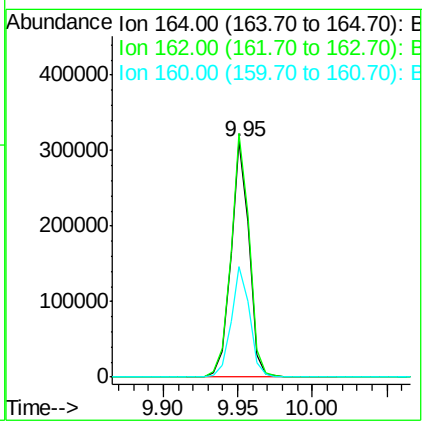


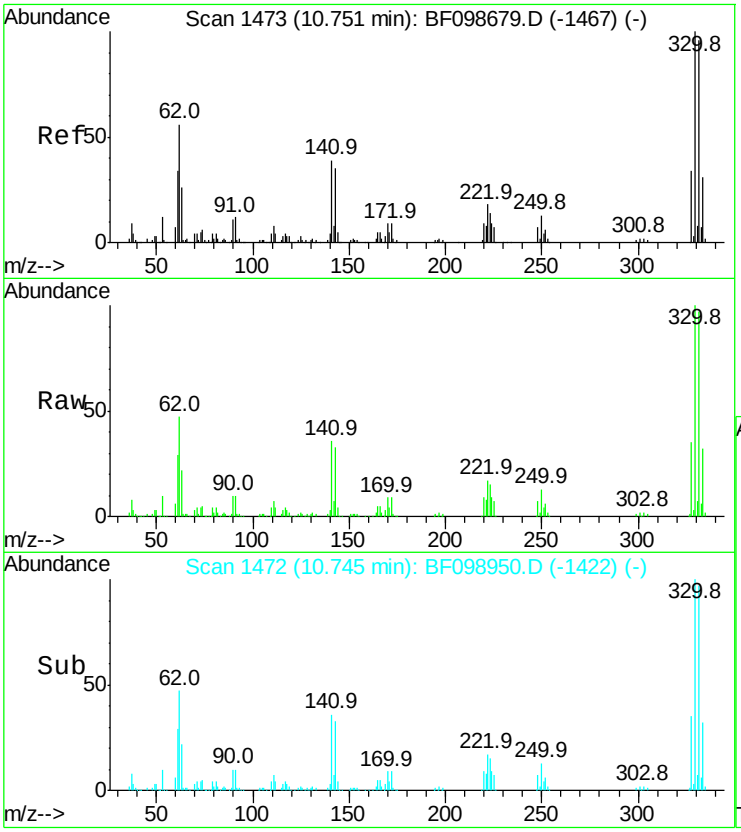


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:164 Resp: 267522

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.8	38.3	57.5



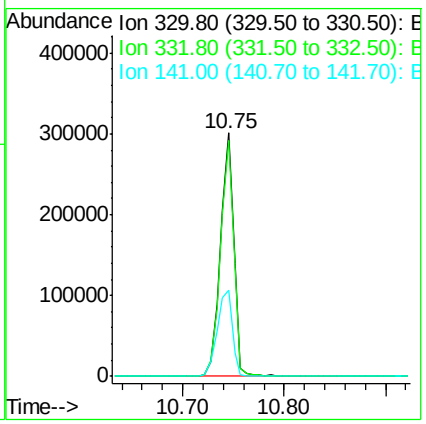


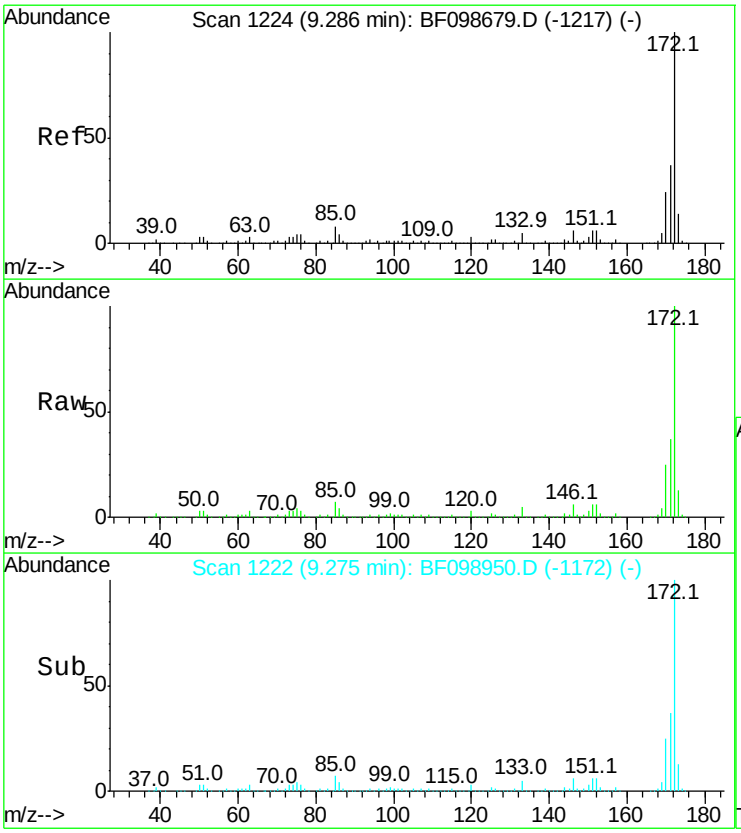
#41
2,4,6-Tribromophenol
Concen: 126.212 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tgt Ion:330 Resp: 276286

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	40.7	29.9	44.9

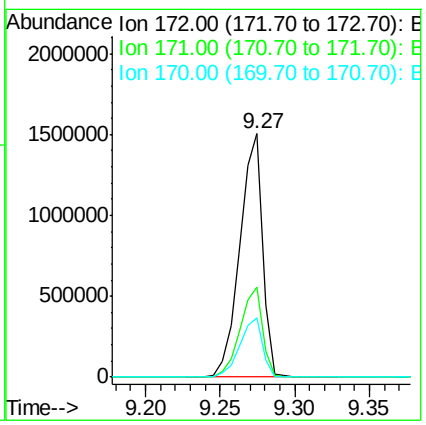


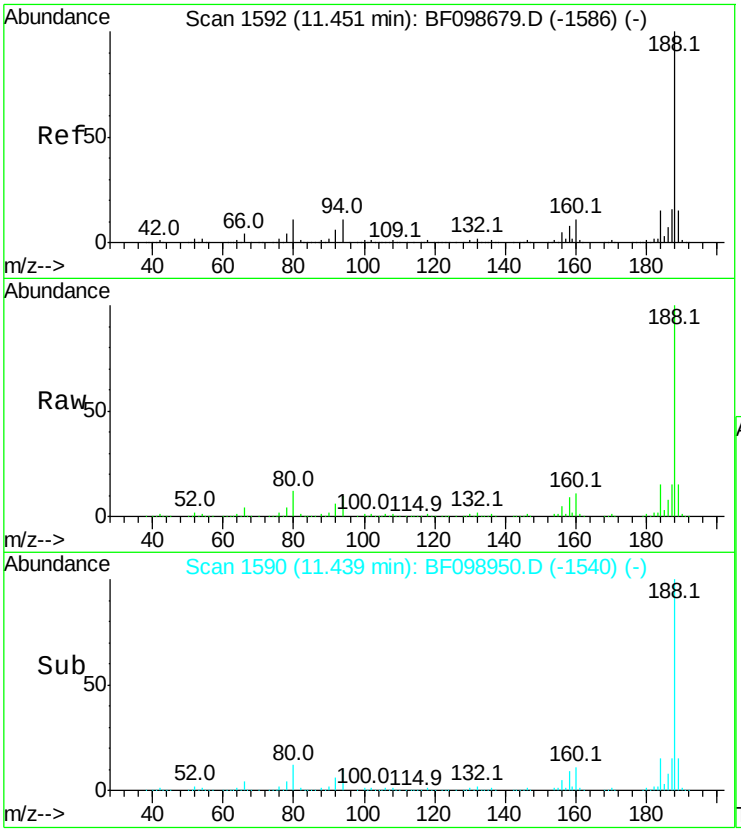


#44
2-Fluorobiphenyl
Concen: 99.011 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:172 Resp: 1586644

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4



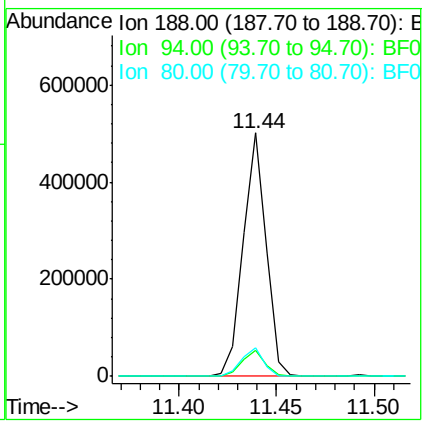


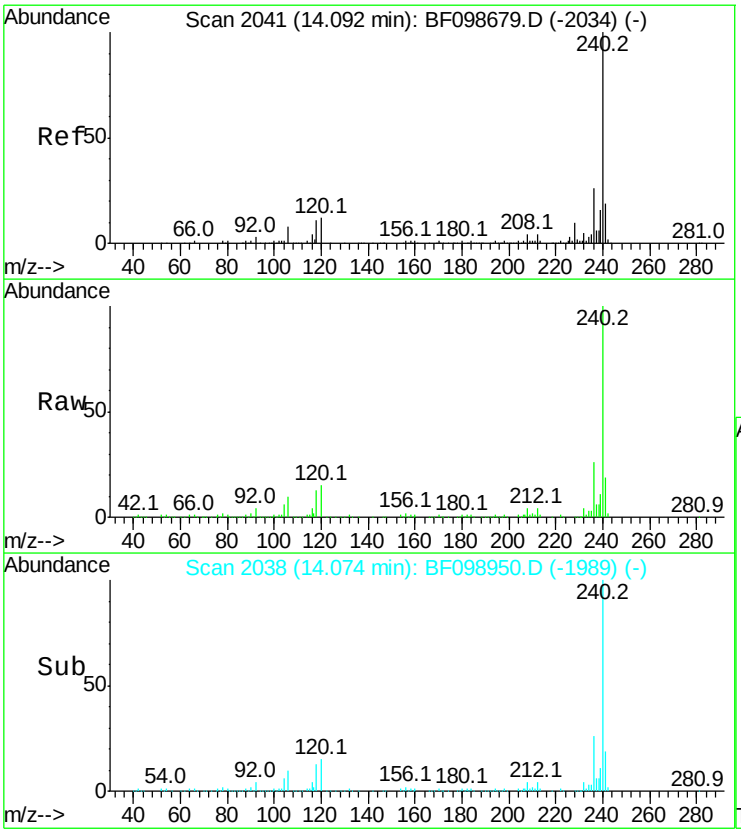
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tgt Ion:188 Resp: 407884

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.8	9.2	13.8

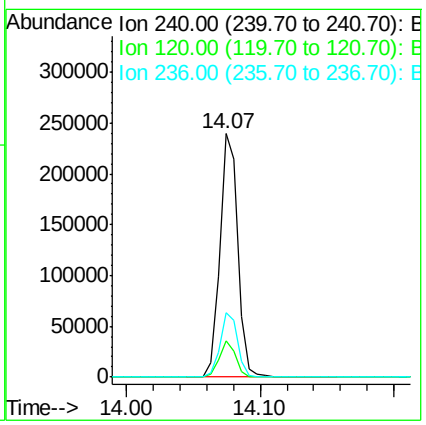


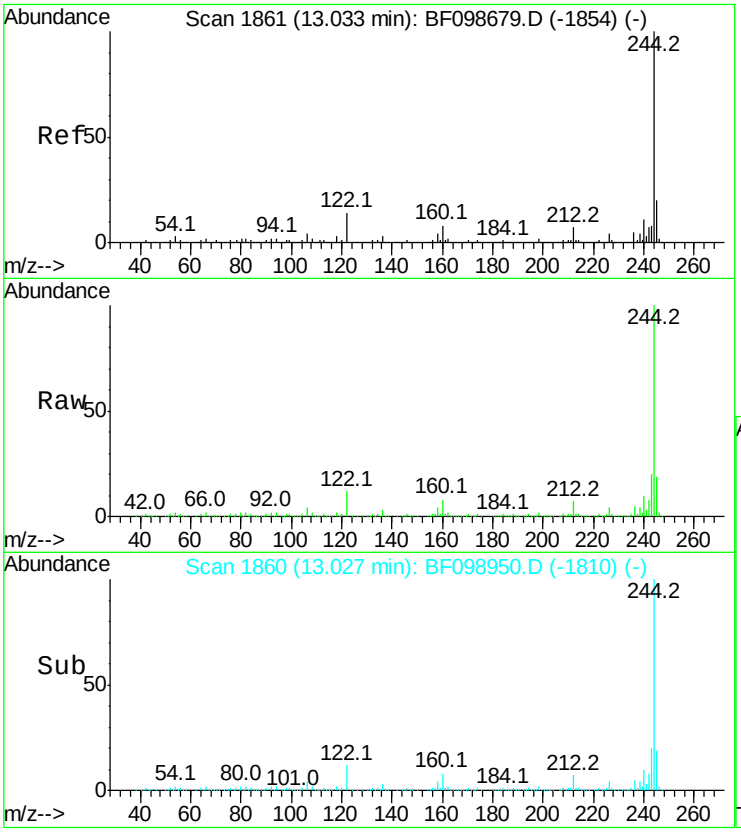


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:240 Resp: 226685

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.4	20.7	31.1



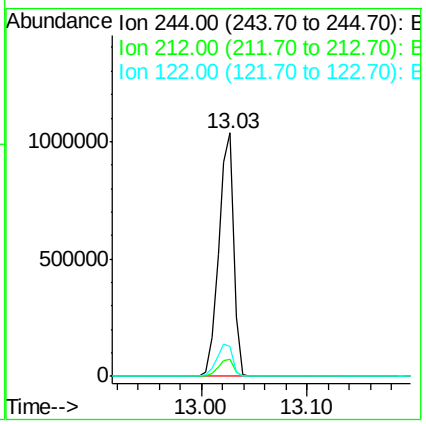


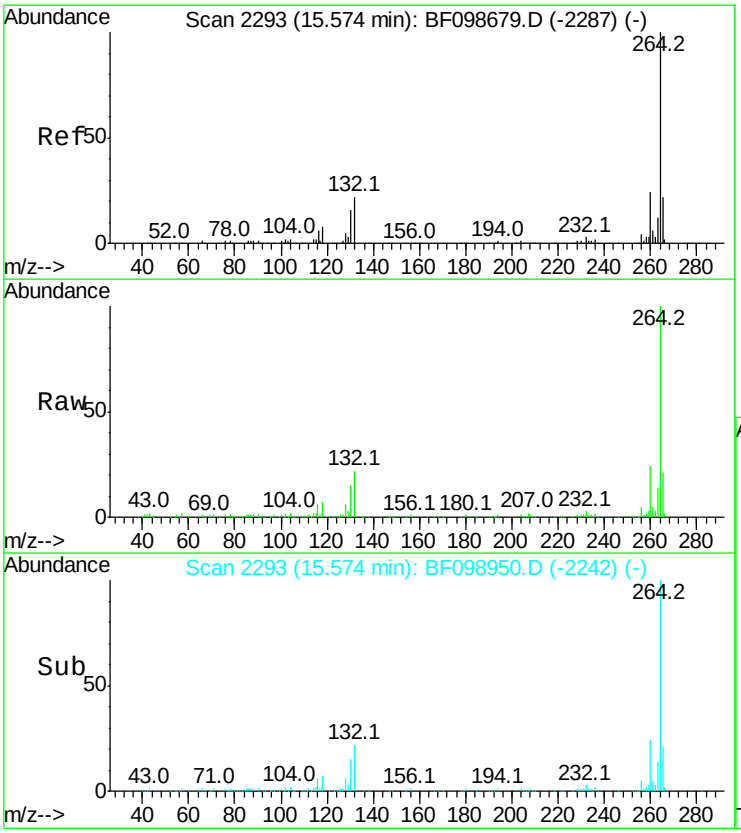
#78
Terphenyl-d14
Concen: 103.893 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tgt Ion:244 Resp: 1035572

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098950.D
Acq: 29 Sep 2017 16:13

Tgt Ion:264 Resp: 242241

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3