Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097629.D
Acq On : 12 Aug 2017 9:52
Operator : SJ/JU
Sample : I4723-03 50X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELECTRICAL-UNIT-BUS-SUPPORT

Quant Time: Aug 14 01:01:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	82133	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	365461	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	134119	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	208313	20.00	ng	0.00
75) Chrysene-d12	18.46	240	174418	20.00	ng	0.00
86) Perylene-d12	20.13	264	164721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.26	99	4205	0.66	ng	0.20
23) Nitrobenzene-d5	8.52	82	2292	0.39	ng	0.09
41) 2,4,6-Tribromophenol	13.69	330	850	0.83	ng	0.02
44) 2-Fluorobiphenyl	11.32	172	8937	1.01	ng	0.00
78) Terphenyl-d14	17.12	244	6253	0.74	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	12.36	165	16170	7.58	ng	# 31

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

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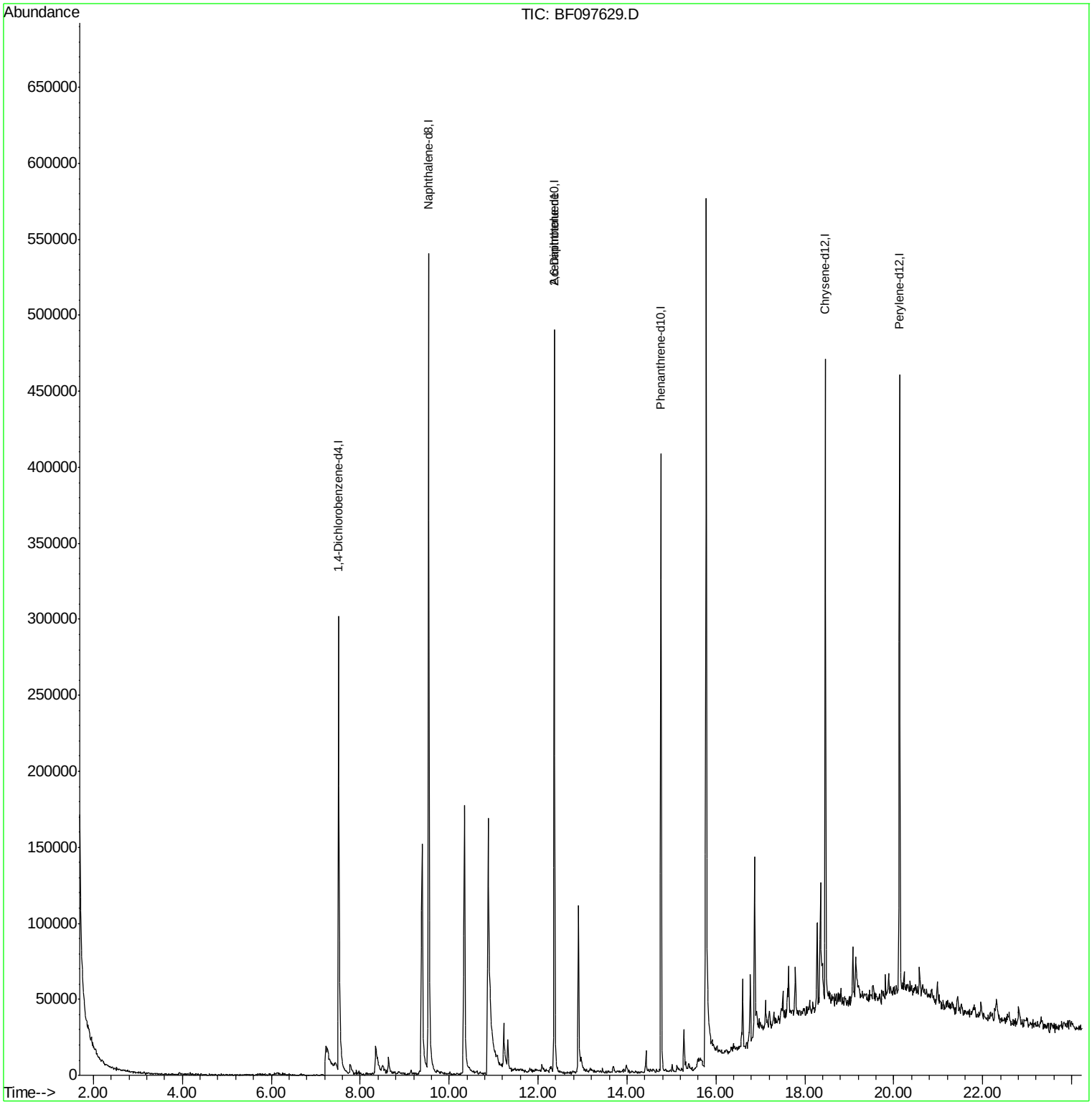
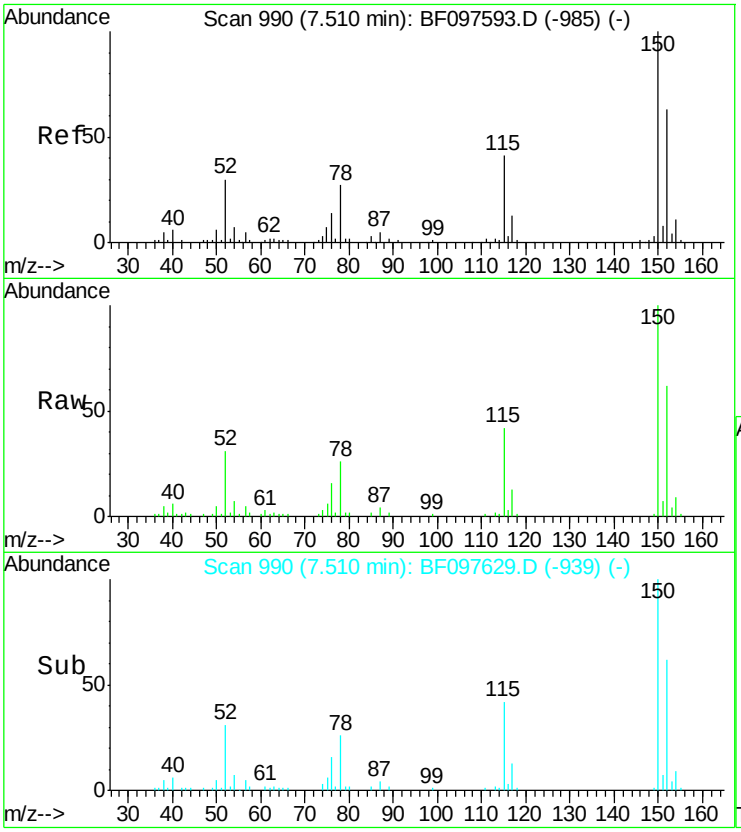
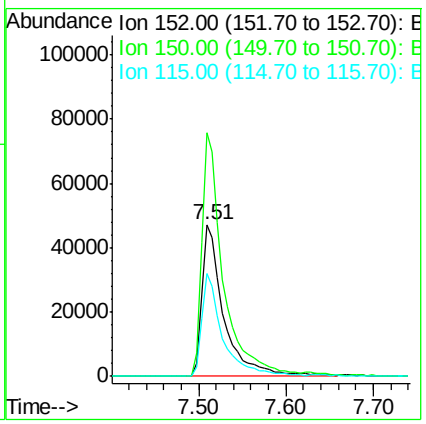




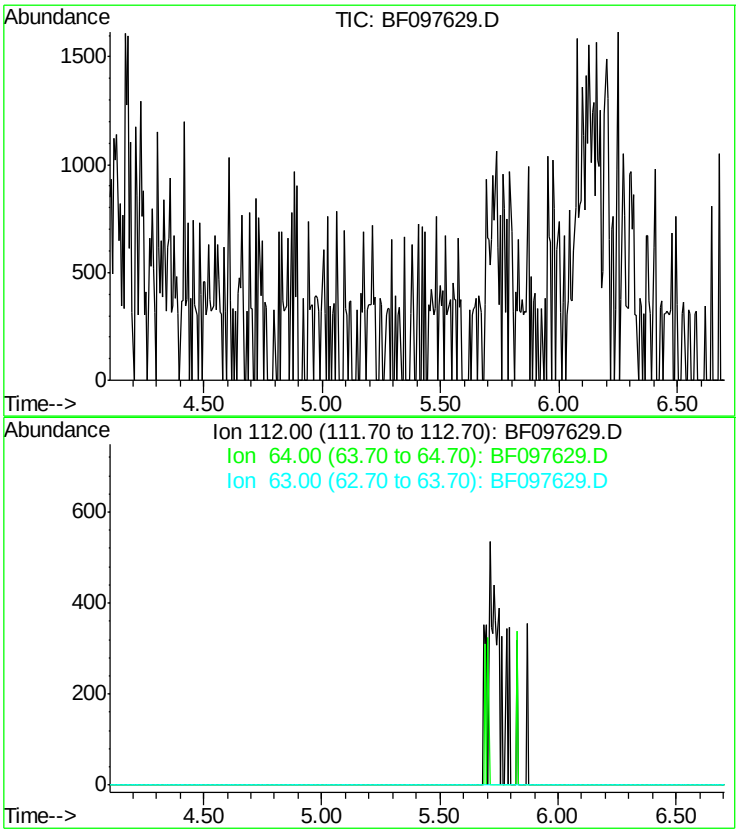
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion:152 Resp: 82133

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	67.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

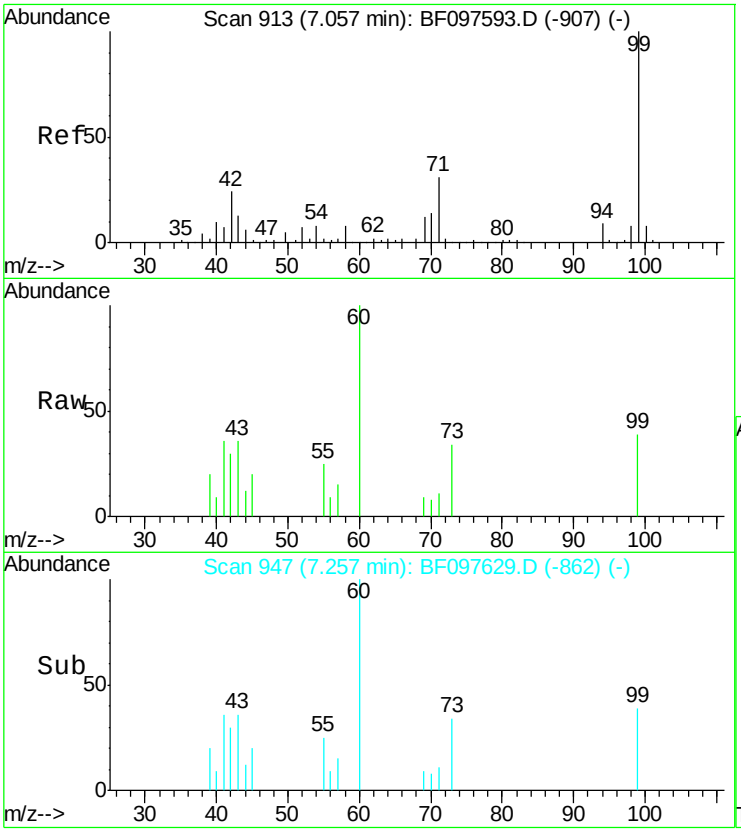


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.40 min

Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	57.5
63	29.2

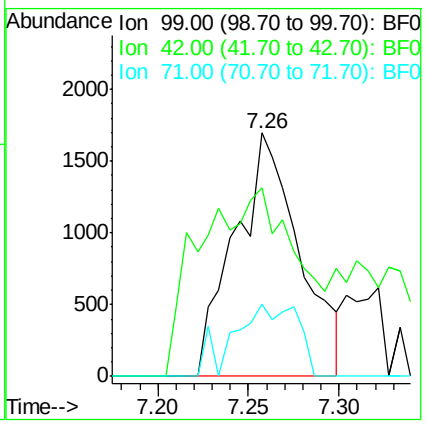


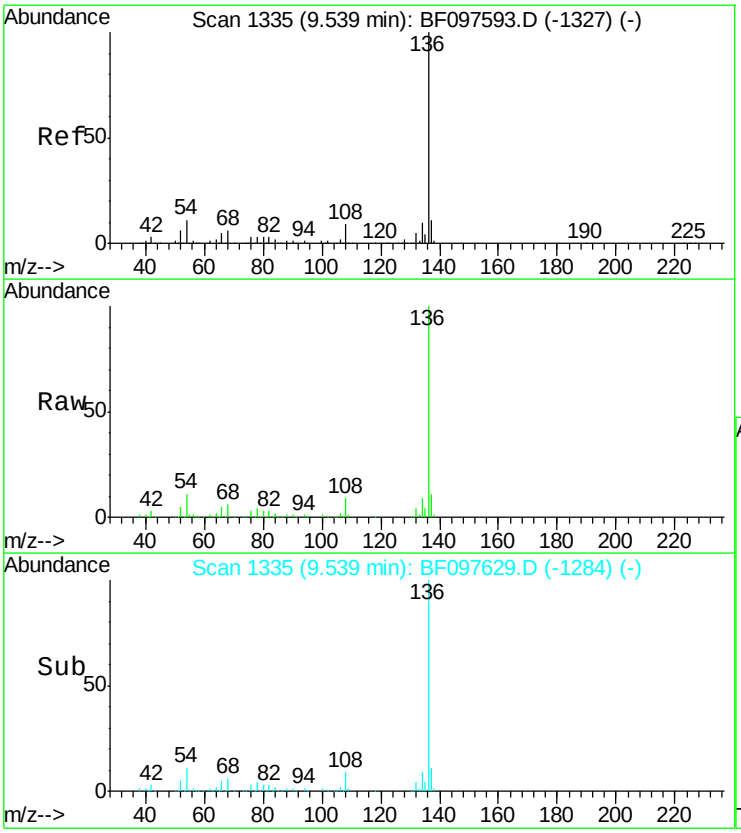
#7
Phenol-d6
Concen: 0.66 ng
RT: 7.26 min Scan# 947
Delta R.T. 0.20 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tgt Ion: 99 Resp: 4205

Ion	Ratio	Lower	Upper
99	100		
42	77.3	13.5	20.3#
71	29.6	24.5	36.7

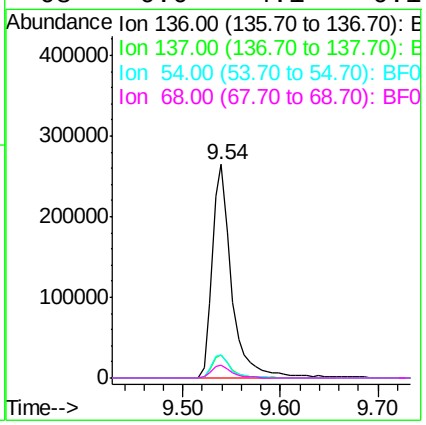


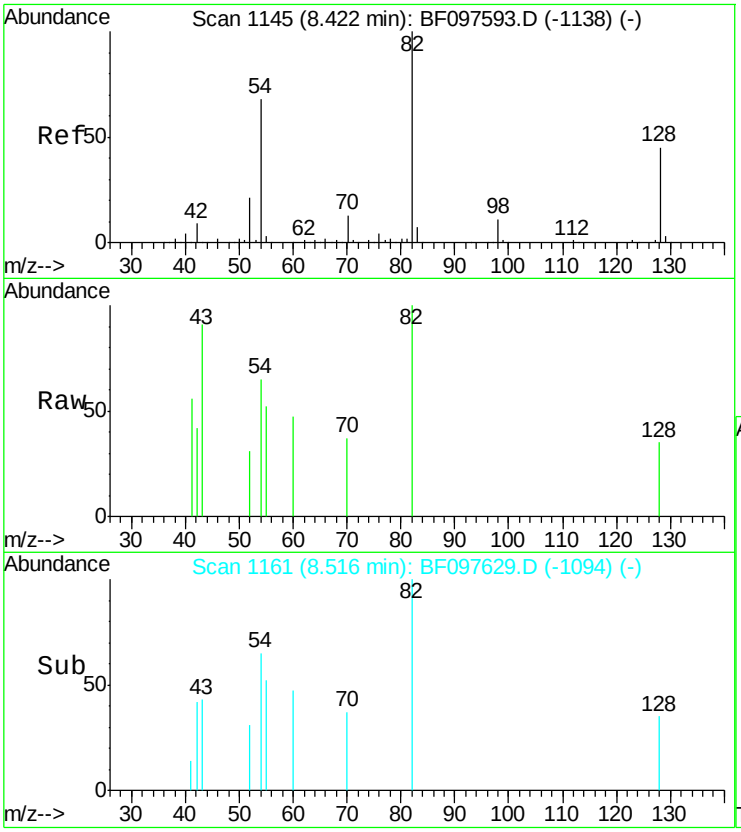


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion:136 Resp: 365461

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.0	4.9	7.3#
68	6.0	4.1	6.1



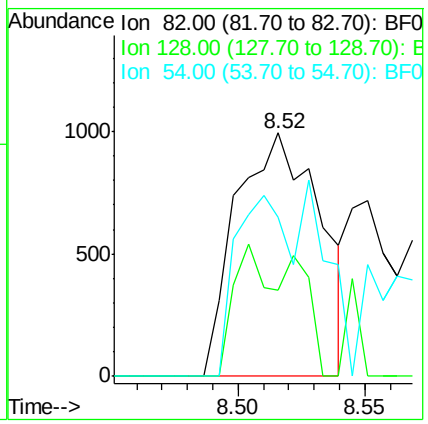


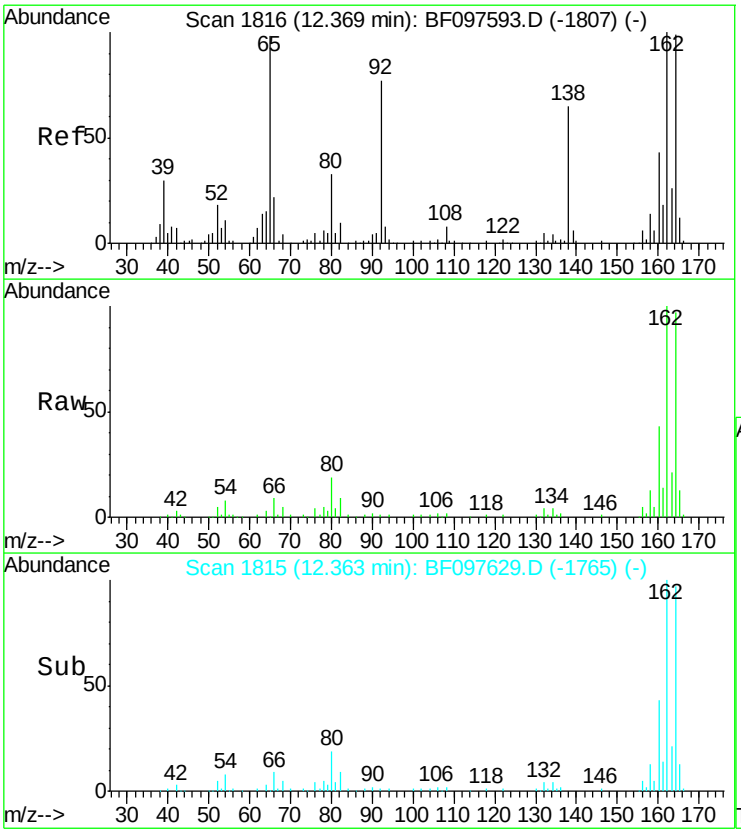
#23
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.52 min Scan# 1161
Delta R.T. 0.09 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tgt Ion: 82 Resp: 2292

Ion	Ratio	Lower	Upper
82	100		
128	35.3	34.0	51.0
54	65.3	42.2	63.2#

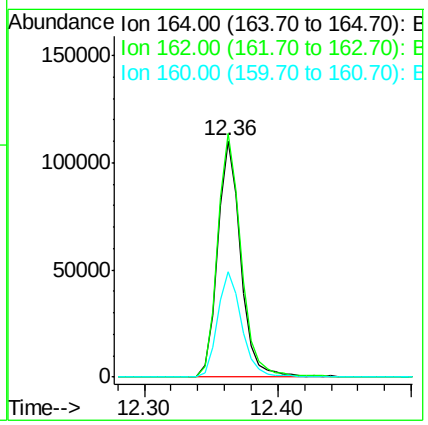


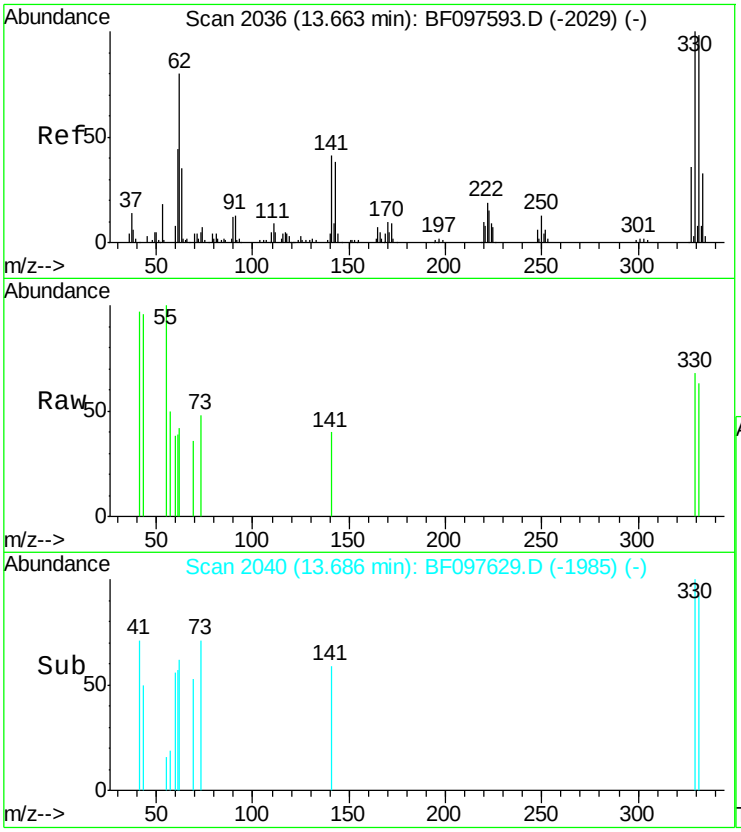


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion:164 Resp: 134119

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	44.7	36.2	54.2



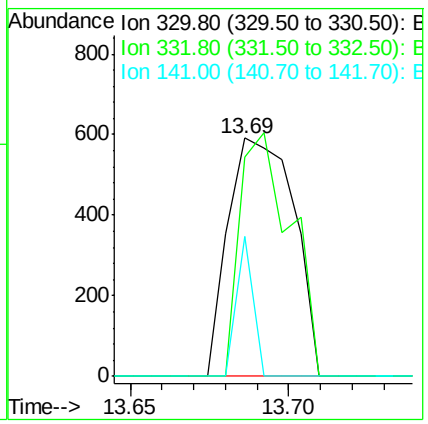


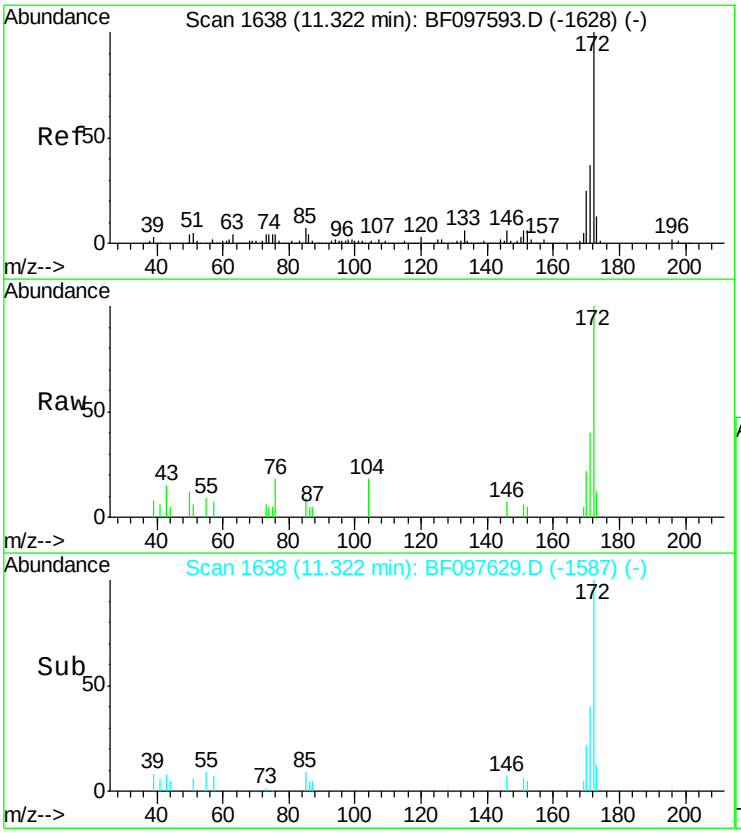
#41
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 13.69 min Scan# 2040
Delta R.T. 0.02 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tgt Ion:330 Resp: 850

Ion	Ratio	Lower	Upper
330	100		
332	78.9	76.6	115.0
141	14.4	31.4	47.2#

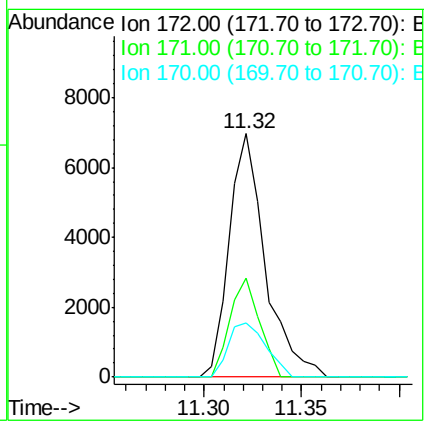


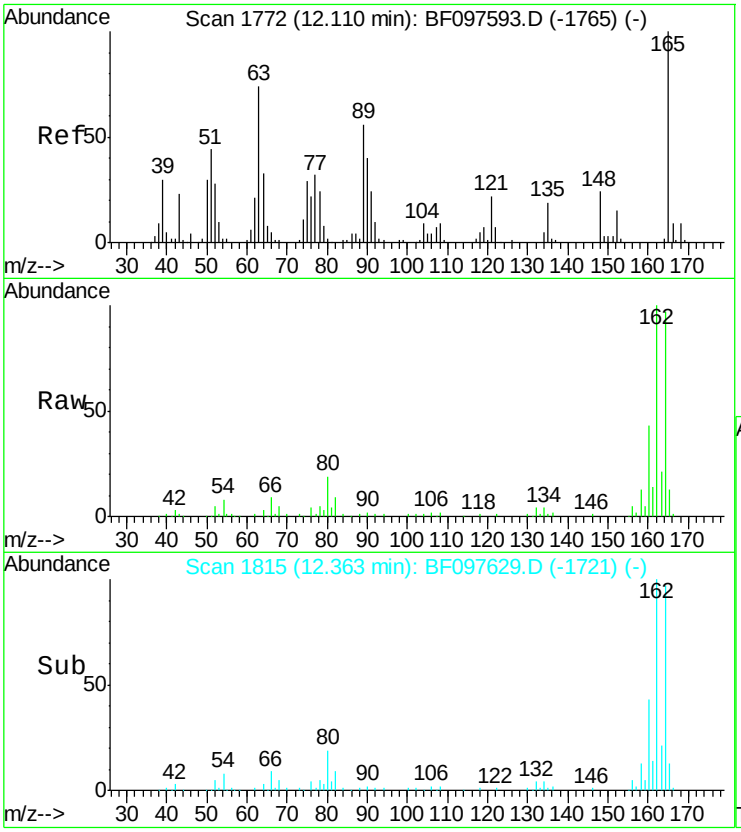


#44
2-Fluorobiphenyl
Concen: 1.01 ng
RT: 11.32 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion:172 Resp: 8937

Ion	Ratio	Lower	Upper
172	100		
171	40.4	29.6	44.4
170	22.1	19.8	29.8



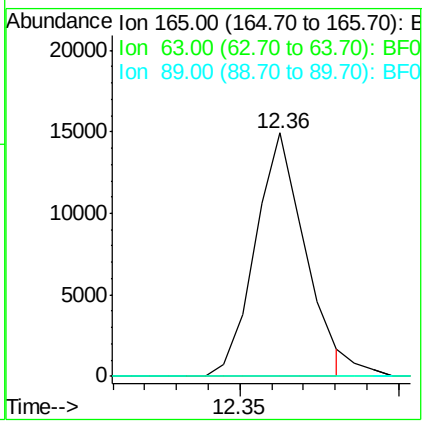


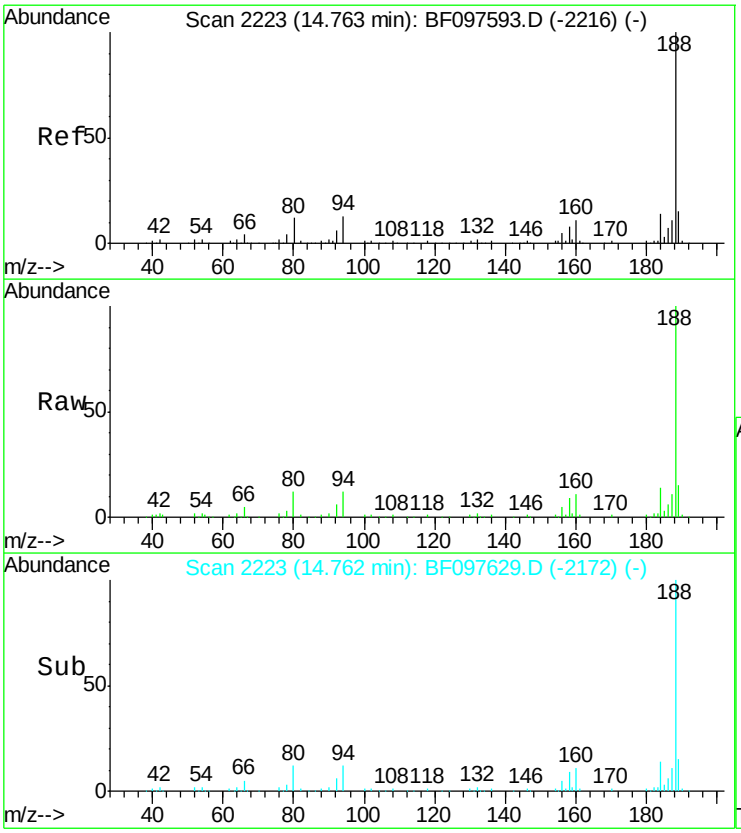
#50
2,6-Dinitrotoluene
Concen: 7.58 ng
RT: 12.36 min Scan# 1815
Delta R.T. 0.25 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tgt Ion:165 Resp: 16170

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

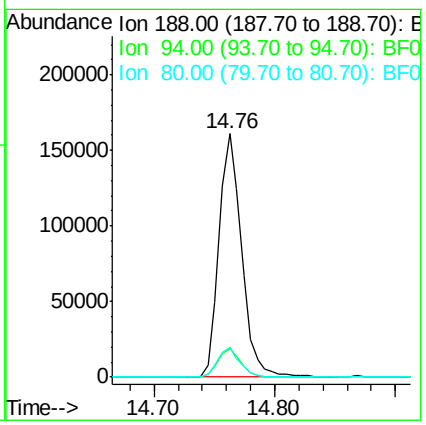


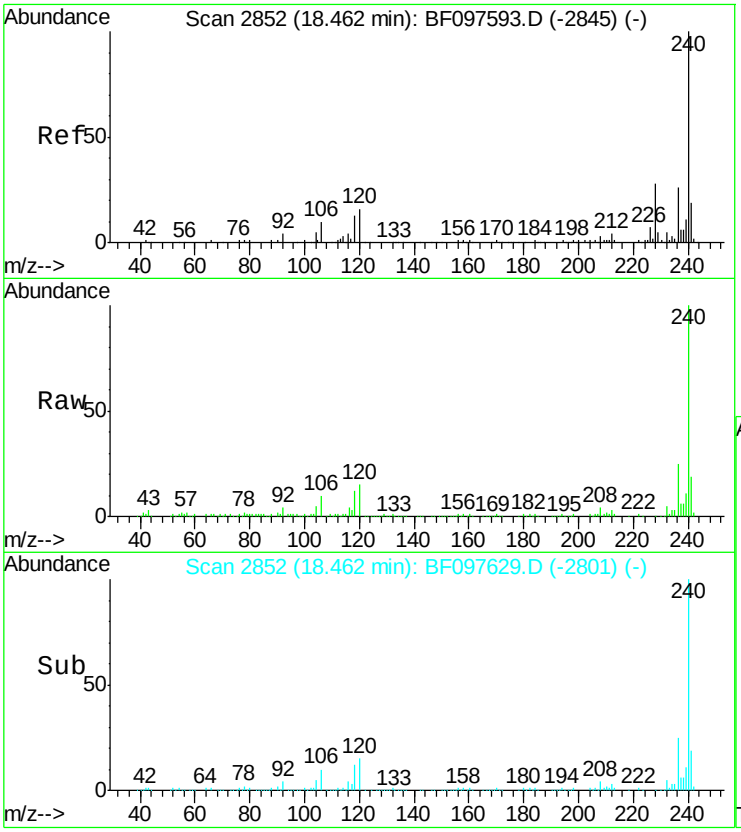


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion:188 Resp: 208313

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.0	10.2	15.2



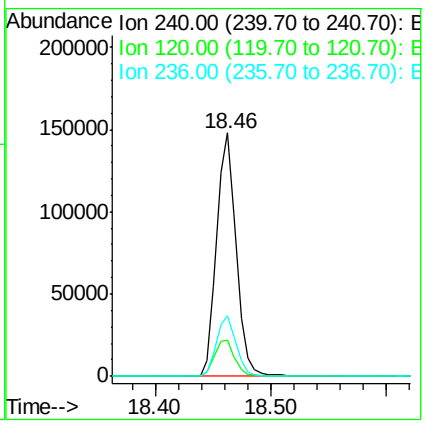


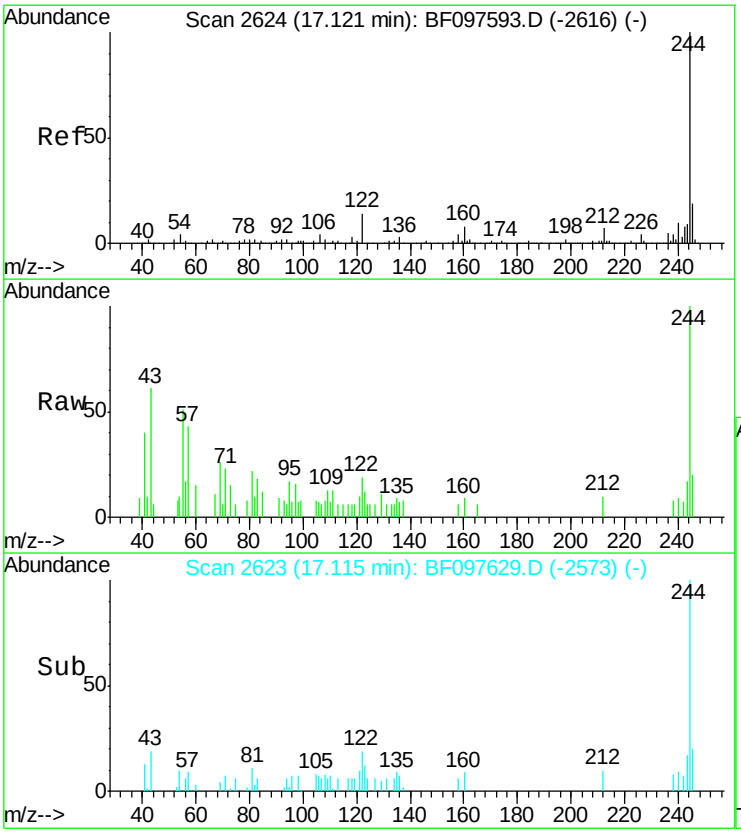
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tgt Ion:240 Resp: 174418

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7

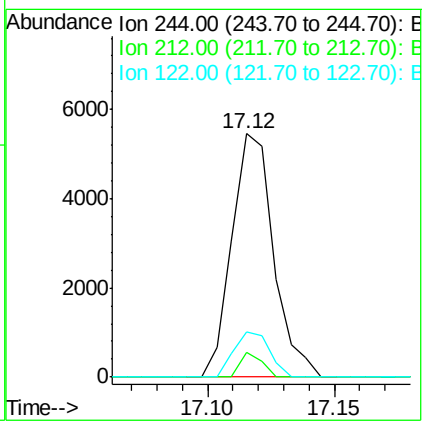


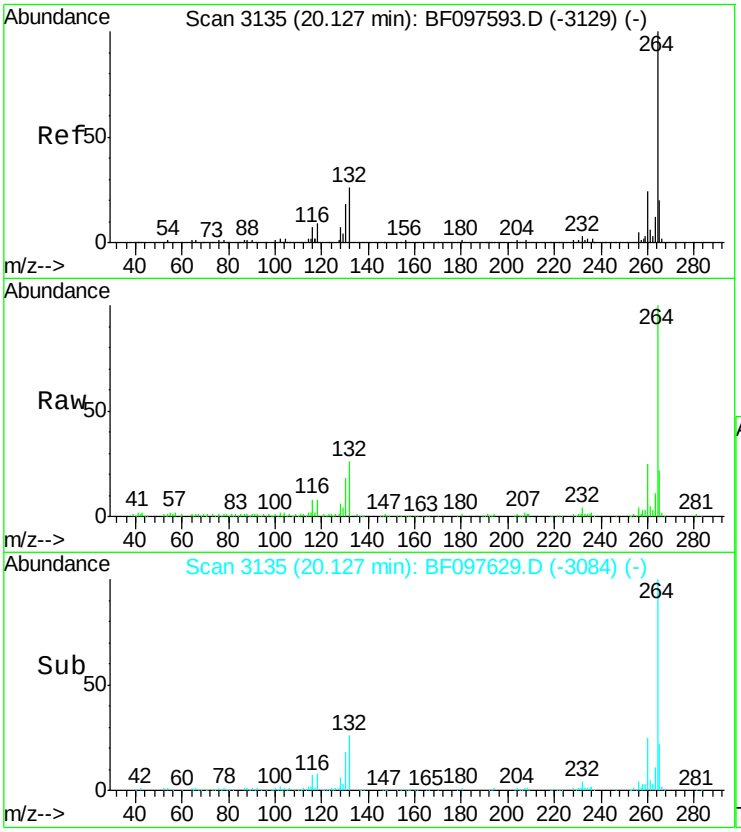


#78
Terphenyl-d14
Concen: 0.74 ng
RT: 17.12 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Tgt Ion:244 Resp: 6253

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.0	9.0#
122	18.7	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BF097629.D
Acq: 12 Aug 2017 9:52

Instrument :
BNA_F
ClientSampleId :
ELECTRICAL-UNIT-BUS-SUPPORT

Tgt Ion:264 Resp: 164721

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.5	17.2	25.8