Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097379.D
Acq On : 5 Aug 2017 2:40
Operator : SJ/JU
Sample : I4591-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2-COMP

Quant Time: Aug 05 03:33:08 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	100586	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	444571	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	174633	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	231357	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	188100	20.00	ng	-0.08
86) Perylene-d12	14.89	264	152209	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	698406	104.67	ng	-0.05
7) Phenol-d6	6.12	99	852244	111.88	ng	-0.05
23) Nitrobenzene-d5	7.01	82	528323	69.72	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	132625	96.12	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	859707	83.55	ng	-0.07
78) Terphenyl-d14	12.51	244	528780	57.32	ng	-0.08
Target Compounds						Qvalue

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

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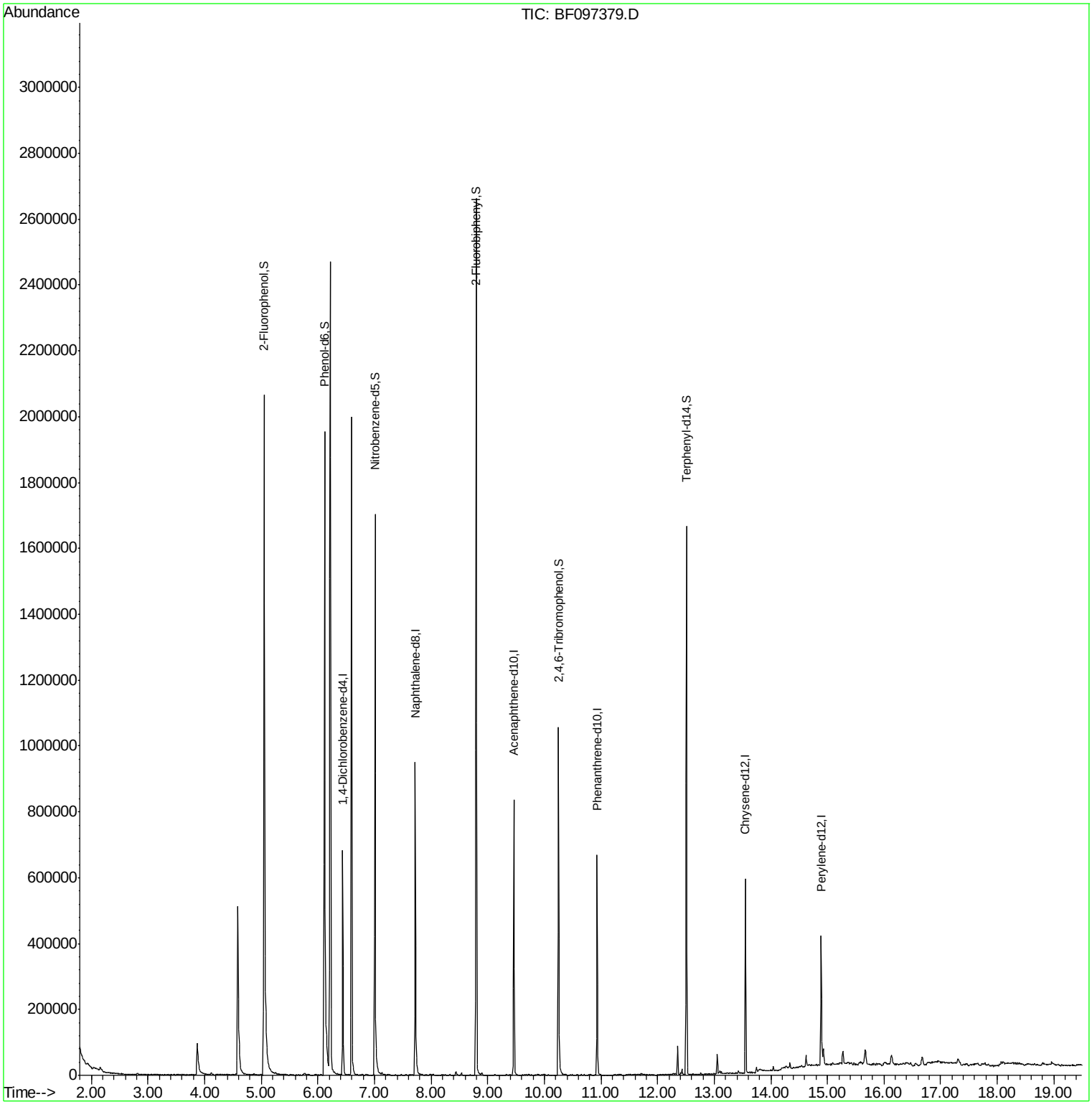
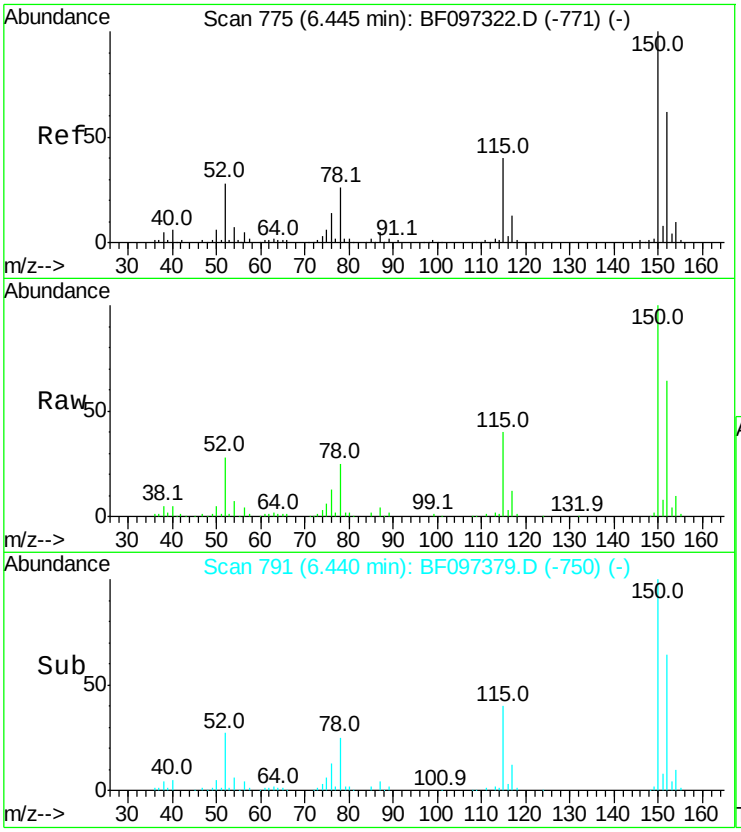


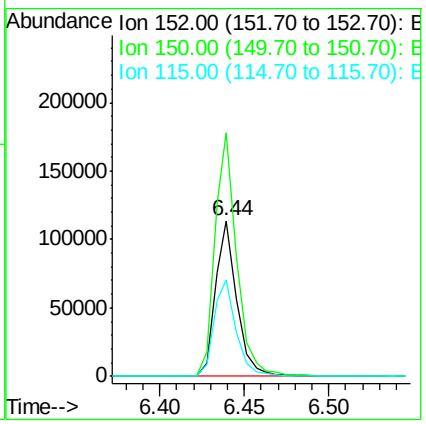


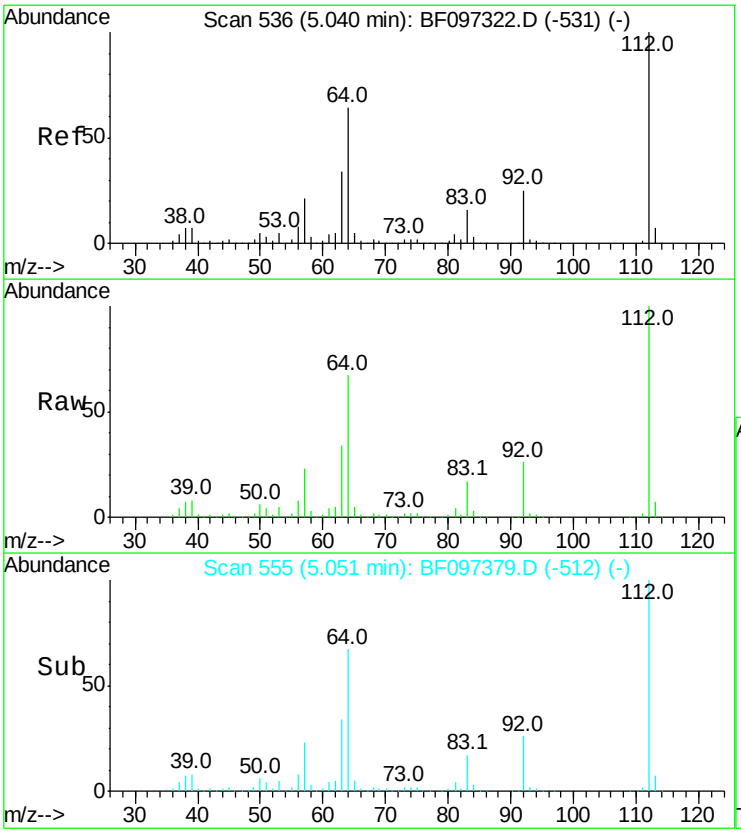
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tgt Ion:152 Resp: 100586

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	61.9	52.2	78.2

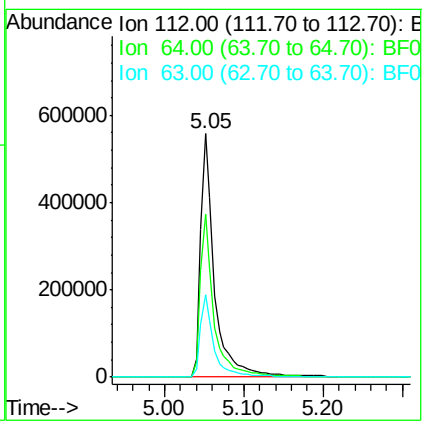


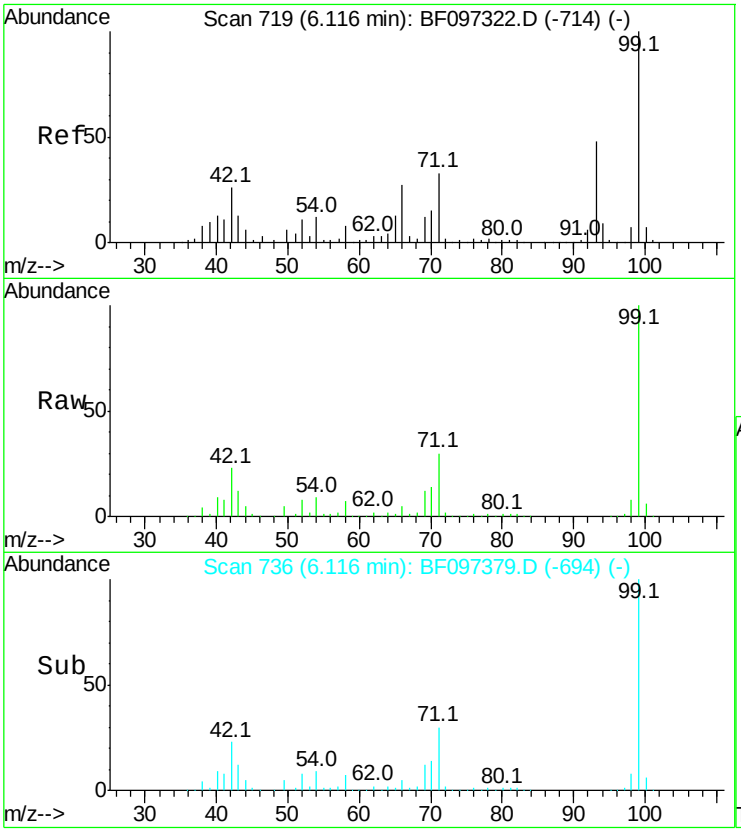


#5
2-Fluorophenol
Concen: 104.671 ng
RT: 5.05 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion:112 Resp: 698406

Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	34.0	23.4	35.0



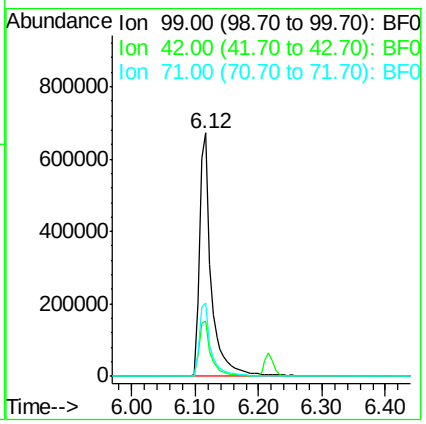


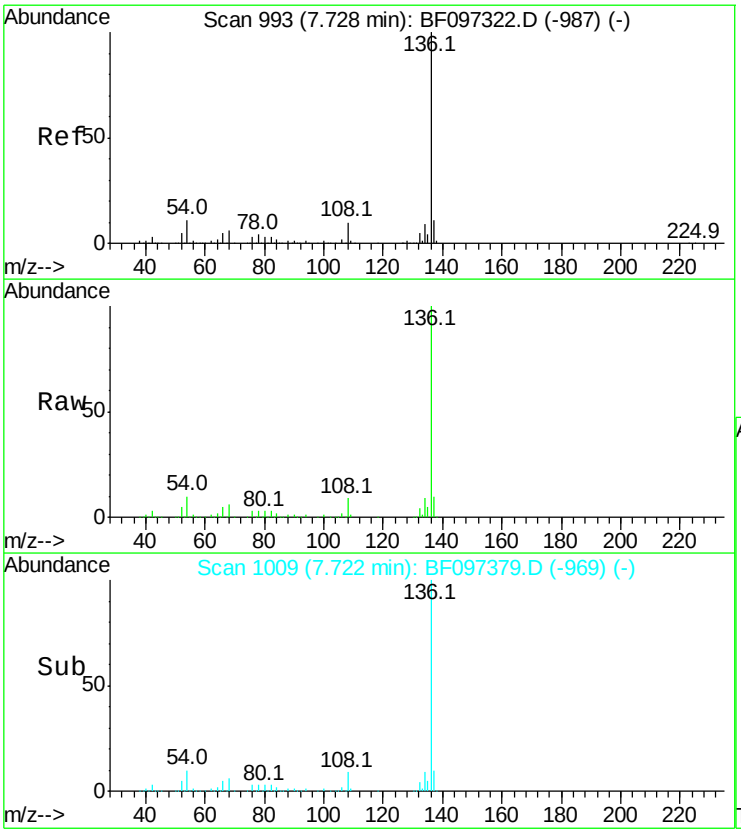
#7
Phenol-d6
Concen: 111.882 ng
RT: 6.12 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tgt Ion: 99 Resp: 852244

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.5	20.3#
71	30.3	24.5	36.7

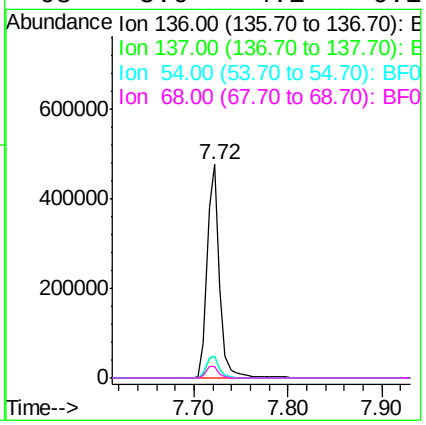


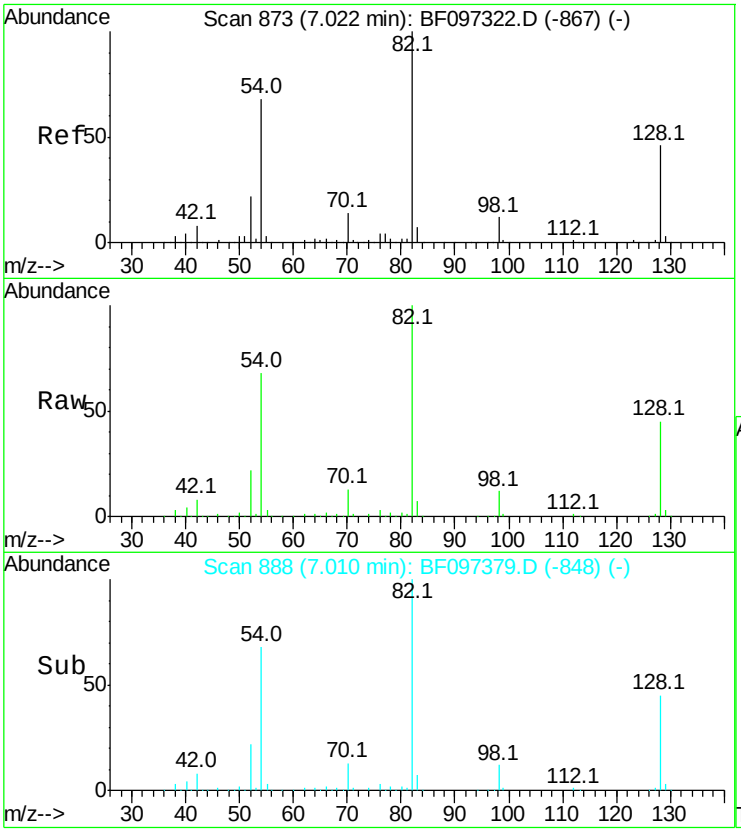


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion:136 Resp: 444571

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	10.2	4.9	7.3#
68	5.6	4.1	6.1



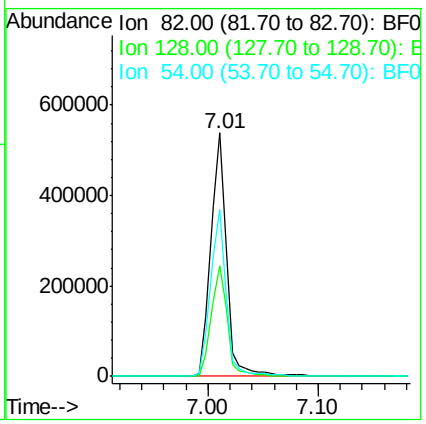


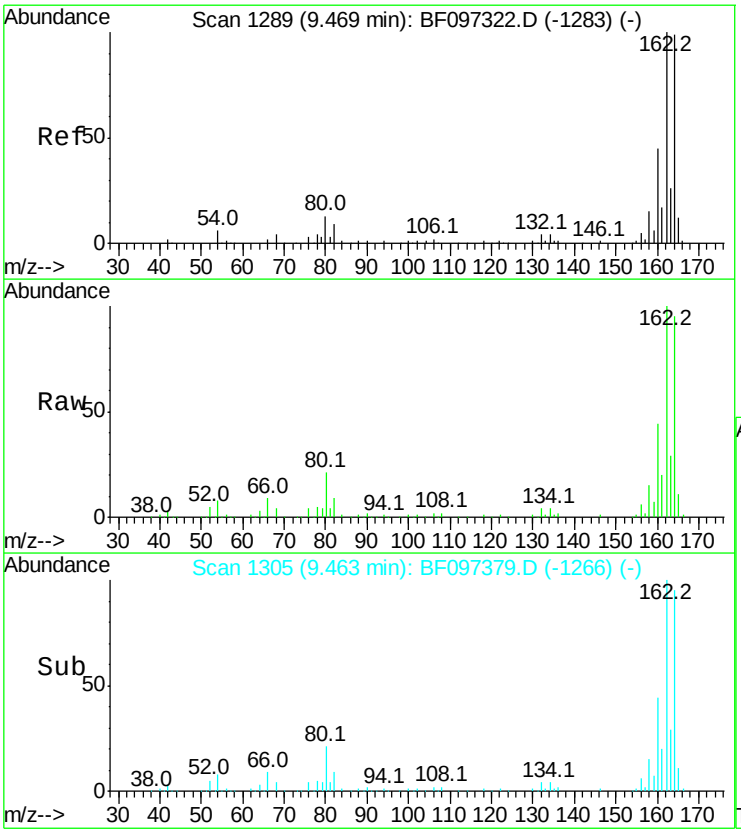
#23
Nitrobenzene-d5
Concen: 69.716 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tgt Ion: 82 Resp: 528323

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	68.4	42.2	63.2#

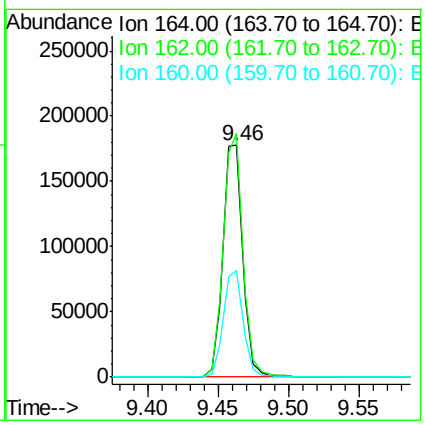


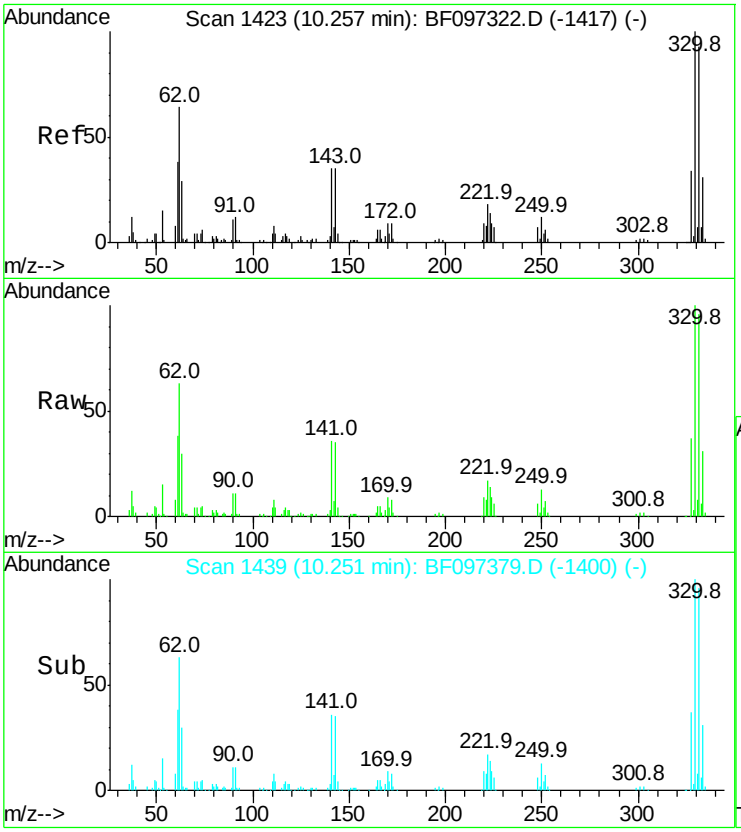


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion:164 Resp: 174633

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.9	36.2	54.2



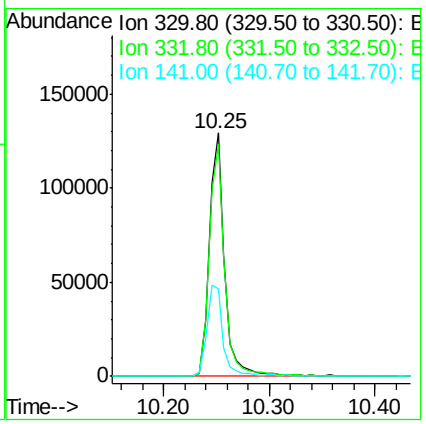


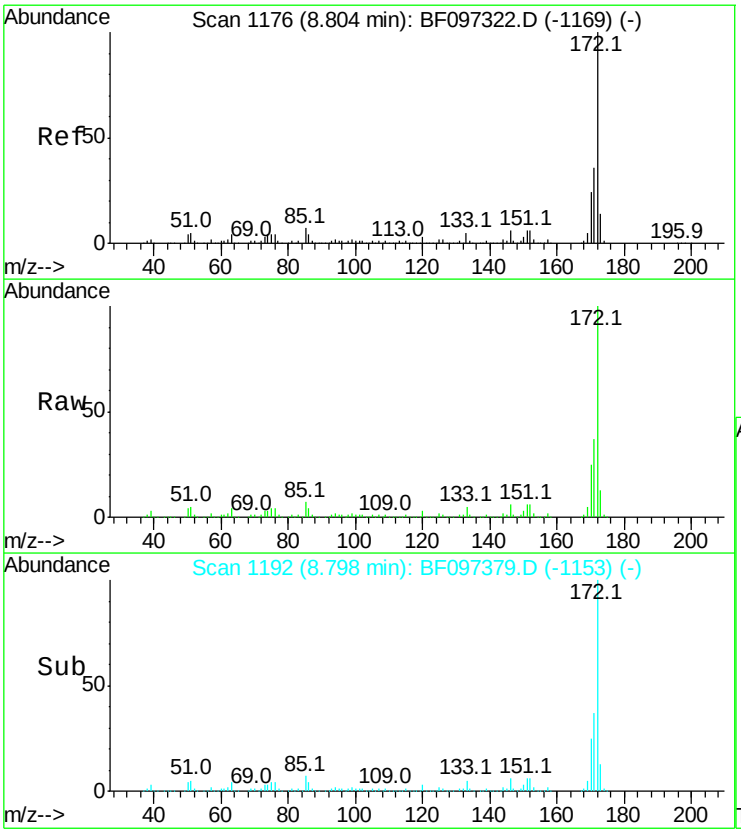
#41
2,4,6-Tribromophenol
Concen: 96.121 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tgt Ion:330 Resp: 132625

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	39.3	31.4	47.2

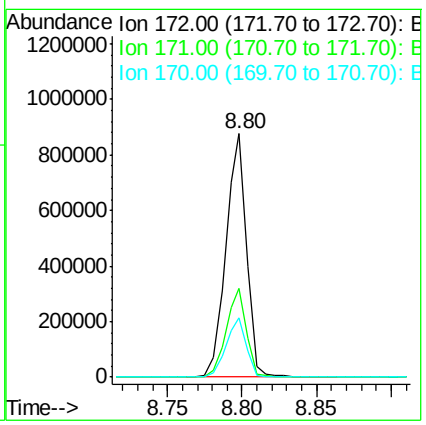


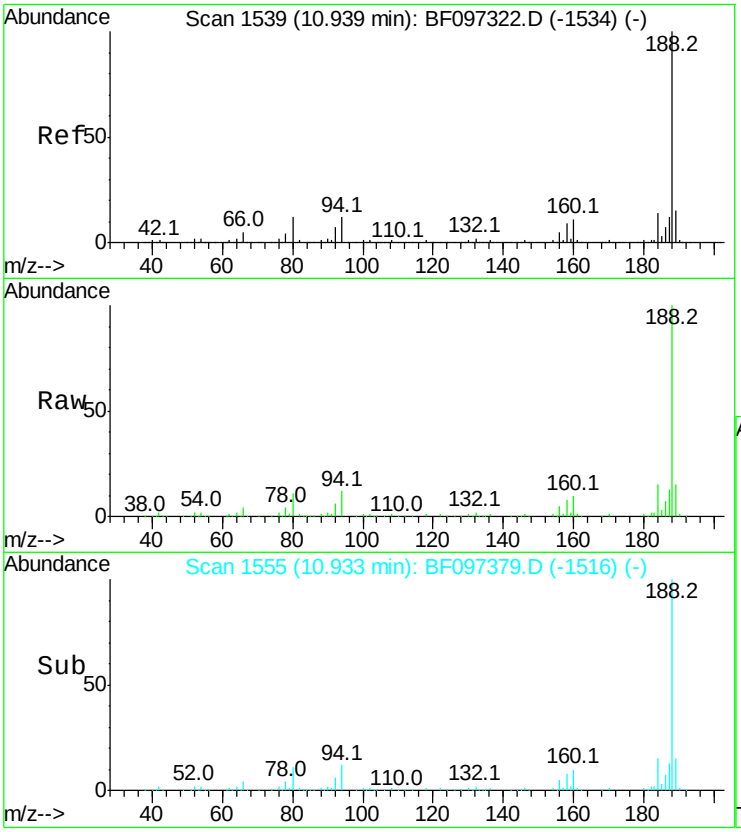


#44
2-Fluorobiphenyl
Concen: 83.547 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion:172 Resp: 859707

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.6	19.8	29.8



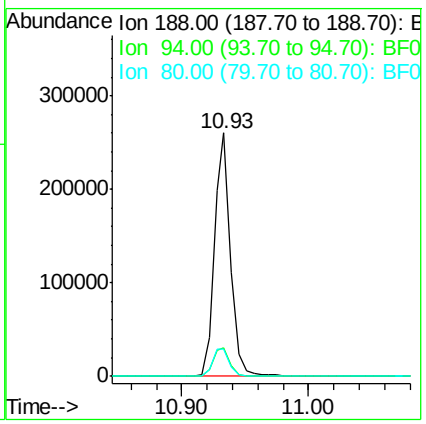


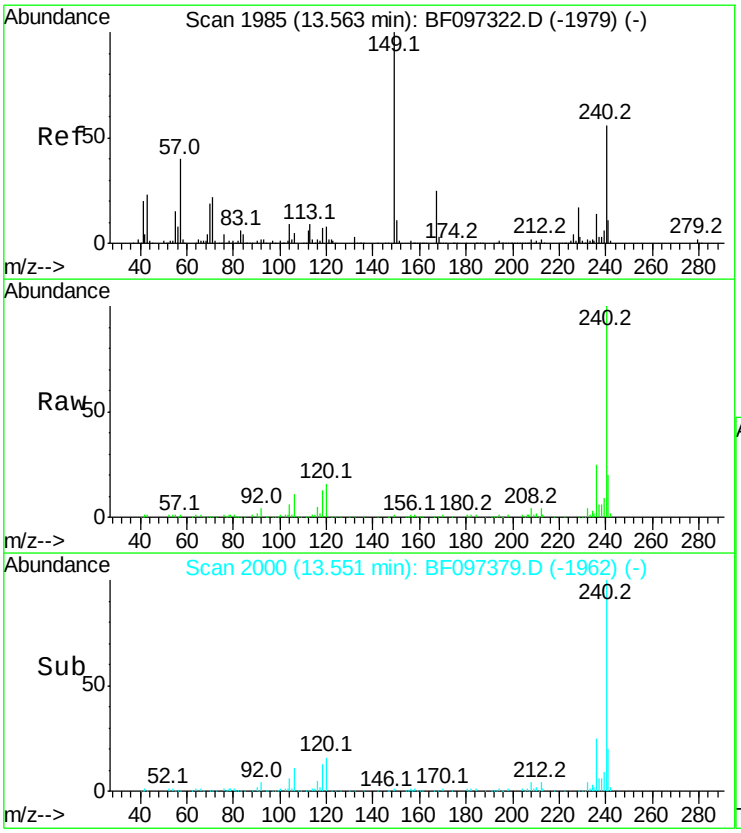
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tgt Ion:188 Resp: 231357

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.4	10.2	15.2

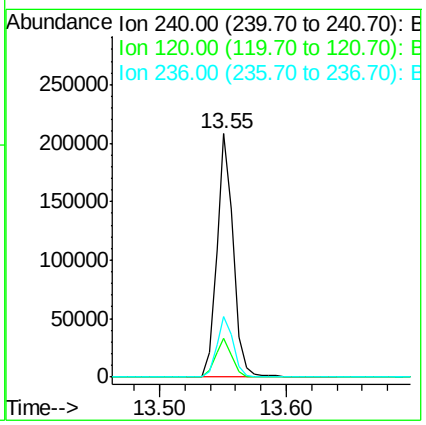


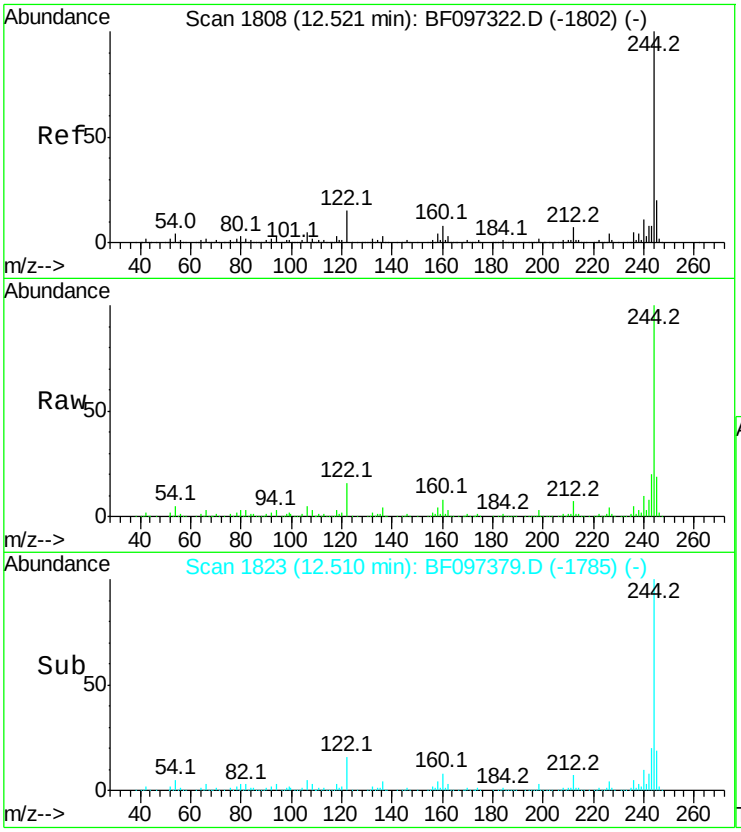


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion:240 Resp: 188100

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	25.1	20.5	30.7



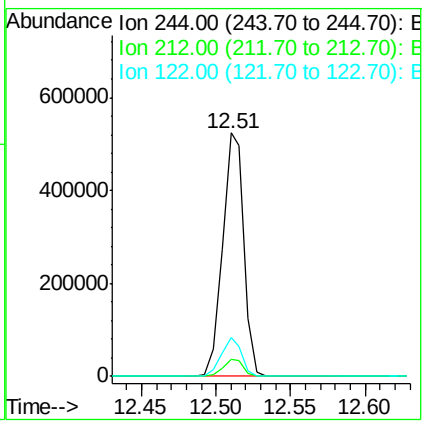


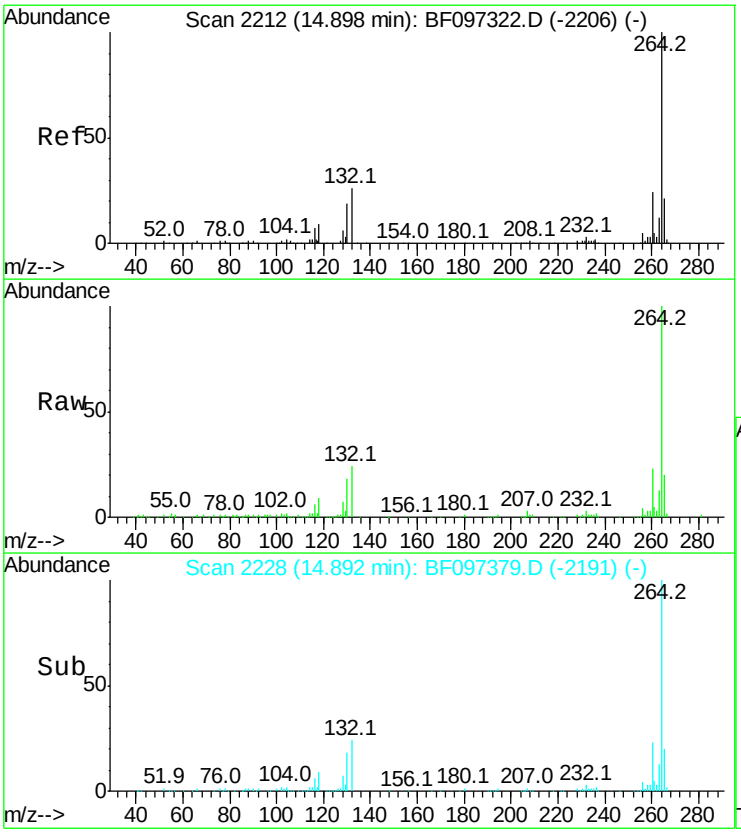
#78
Terphenyl-d14
Concen: 57.316 ng
RT: 12.51 min Scan# 1823
Delta R.T. -0.08 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-COMP

Tgt Ion:244 Resp: 528780

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.0	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF097379.D
Acq: 5 Aug 2017 2:40

Tgt Ion:264 Resp: 152209

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.5	17.2	25.8