Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099839.D
Acq On : 26 Oct 2017 4:17
Operator : SJ/JU
Sample : I6091-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-102317

Quant Time: Oct 26 05:14:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	70815	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	291980	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	132324	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	240991	20.00	ng	0.00
75) Chrysene-d12	13.98	240	201295	20.00	ng	0.00
86) Perylene-d12	15.45	264	171709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	566633	125.62	ng	0.02
7) Phenol-d6	6.44	99	615723	115.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	407292	89.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	161230	133.70	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	779777	90.92	ng	0.00
78) Terphenyl-d14	12.92	244	775239	84.16	ng	0.00
Target Compounds						Qvalue

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

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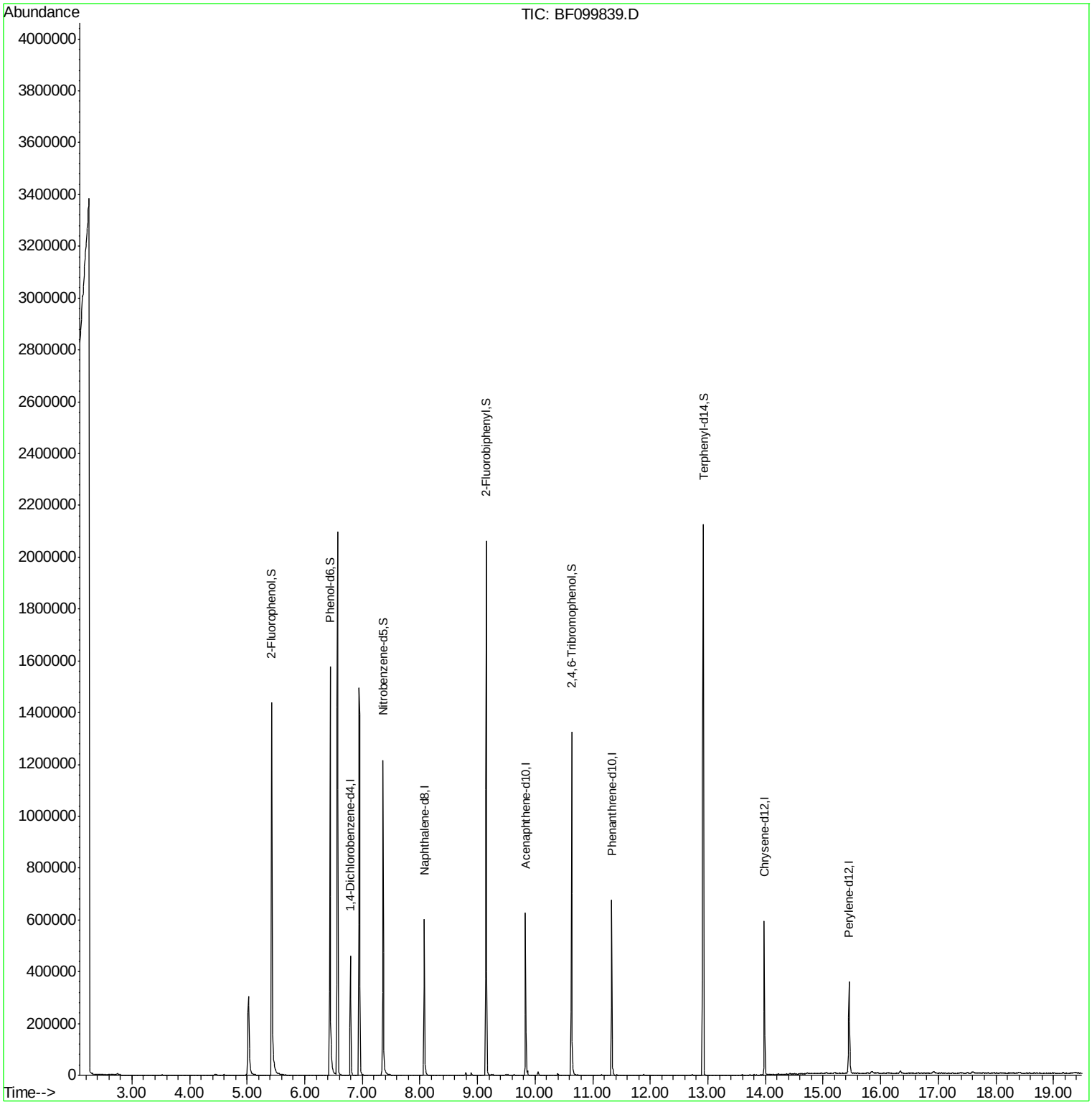
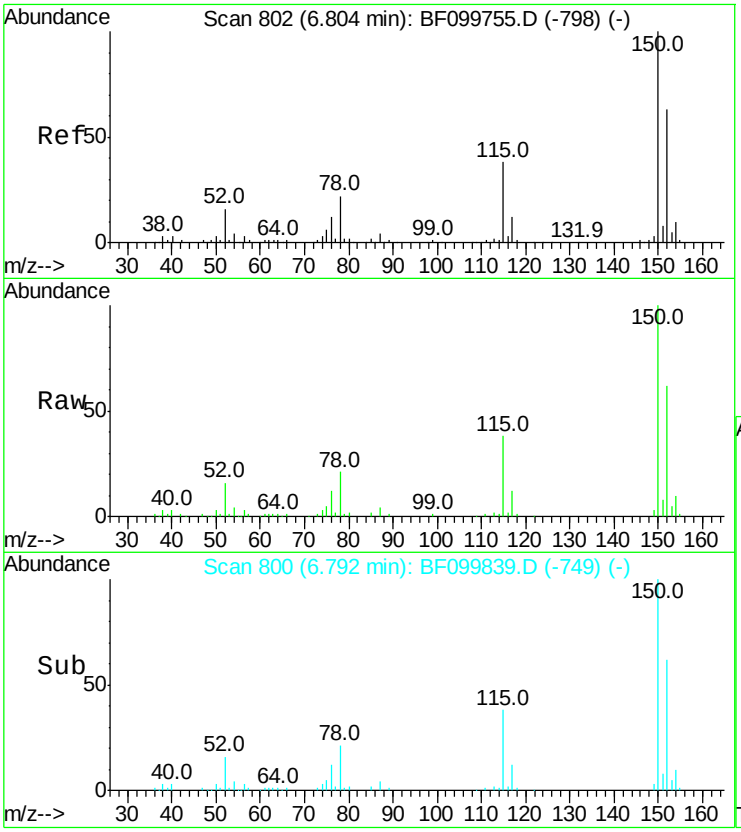


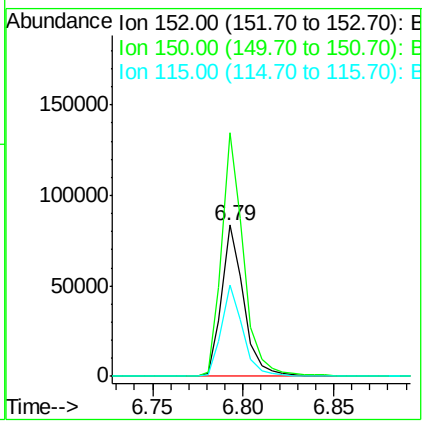


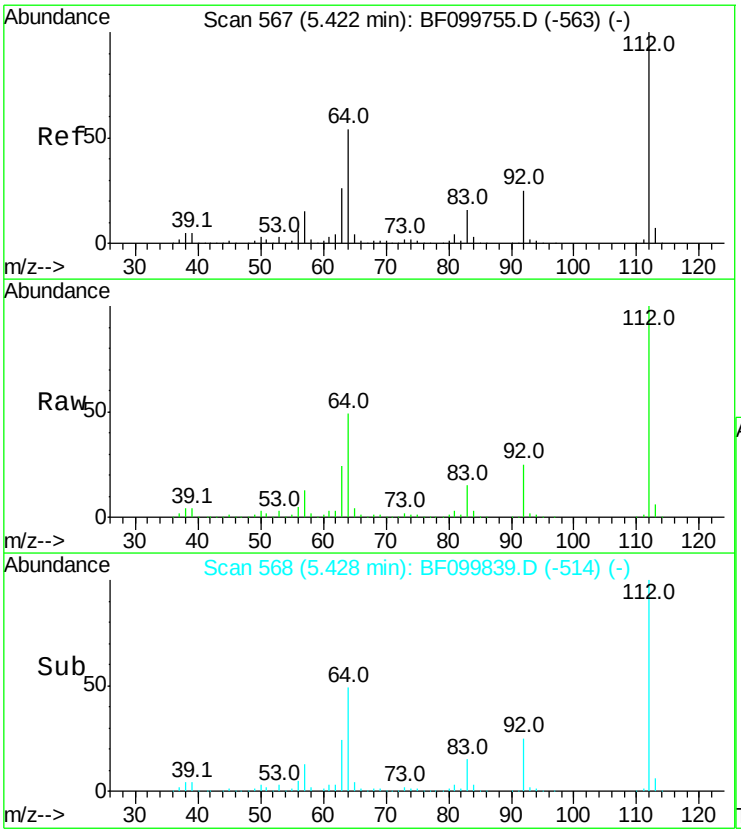
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tgt Ion:152 Resp: 70815

Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	60.6	50.1	75.1

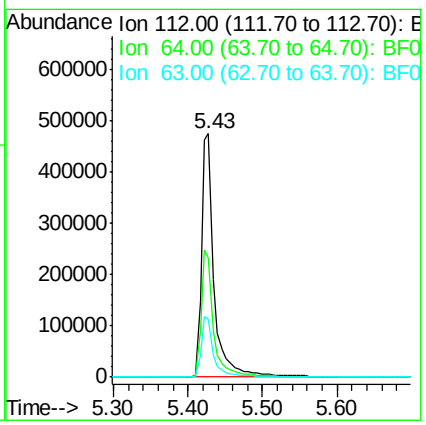


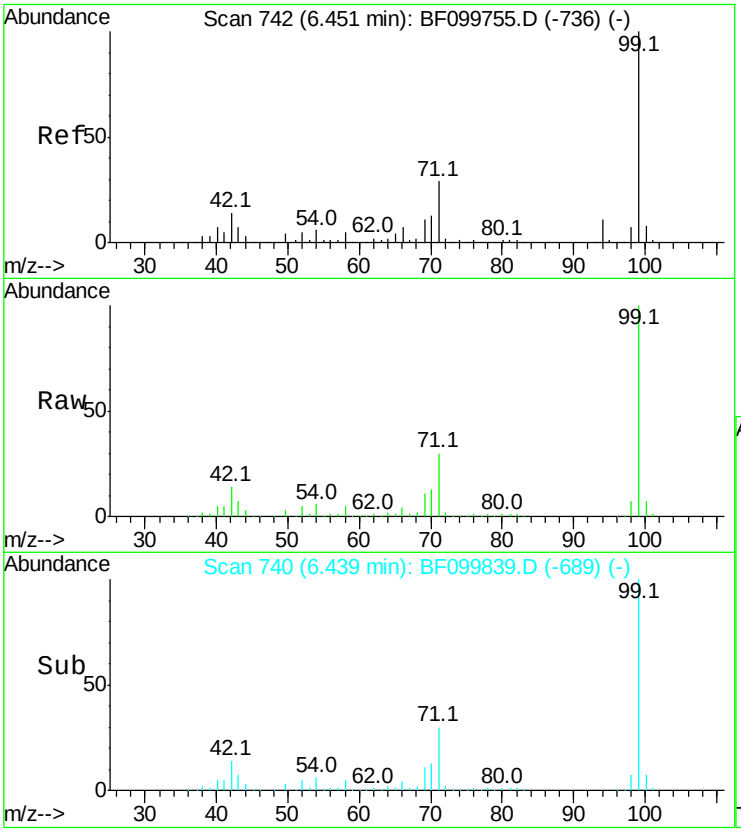


#5
2-Fluorophenol
Concen: 125.622 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:112 Resp: 566633

Ion	Ratio	Lower	Upper
112	100		
64	49.3	47.9	71.9
63	23.7	23.7	35.5



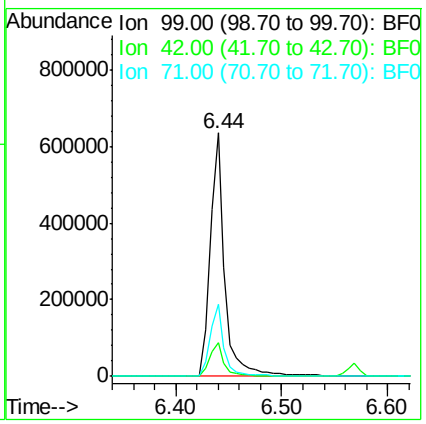


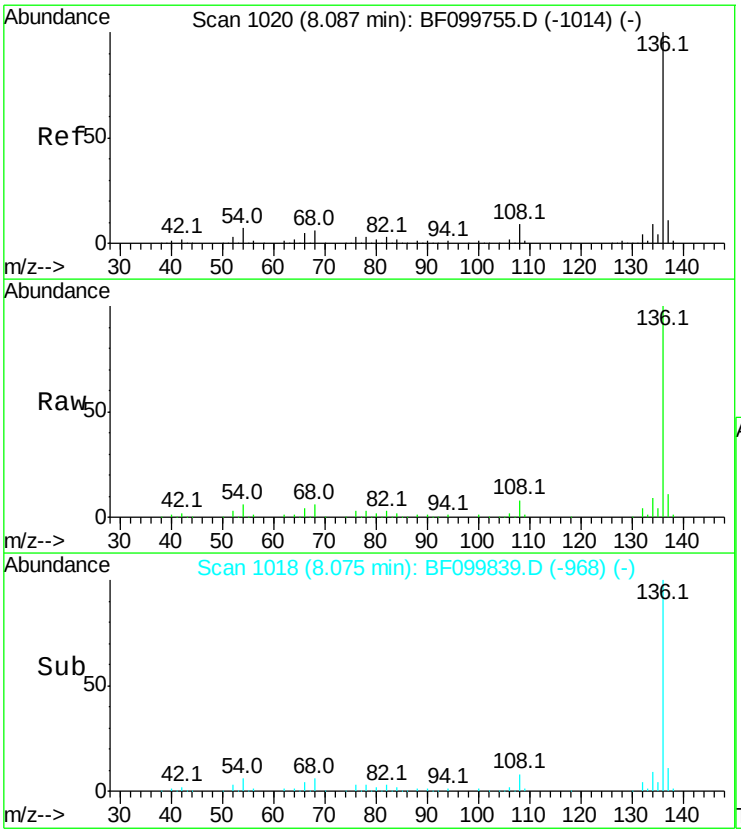
#7
Phenol-d6
Concen: 115.125 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tgt Ion: 99 Resp: 615723

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	29.8	25.4	38.0

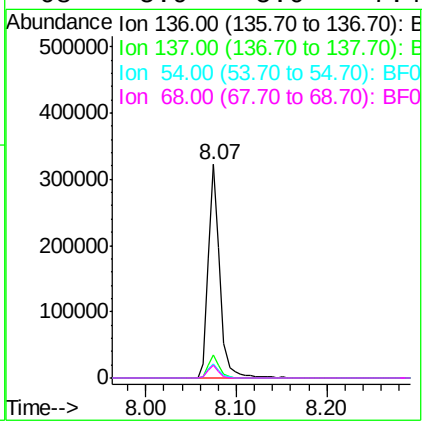


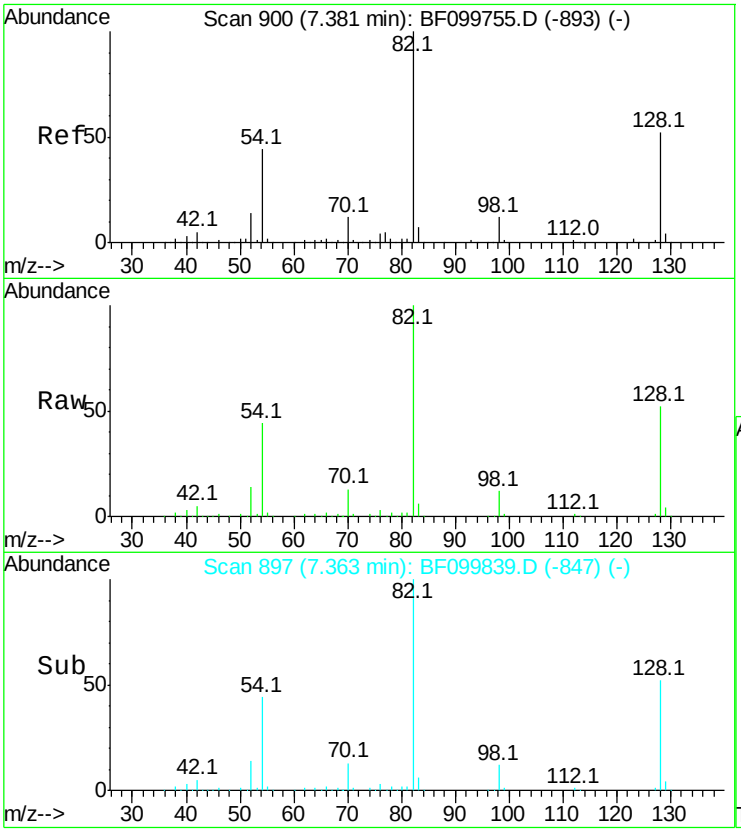


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:136 Resp: 291980

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4



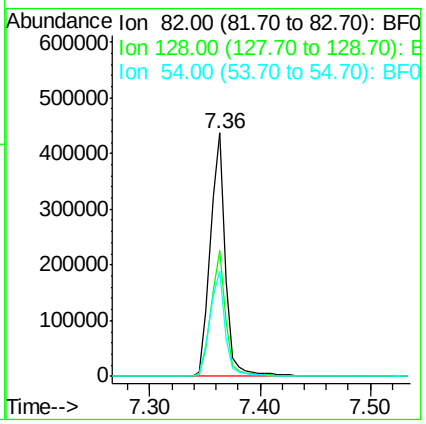


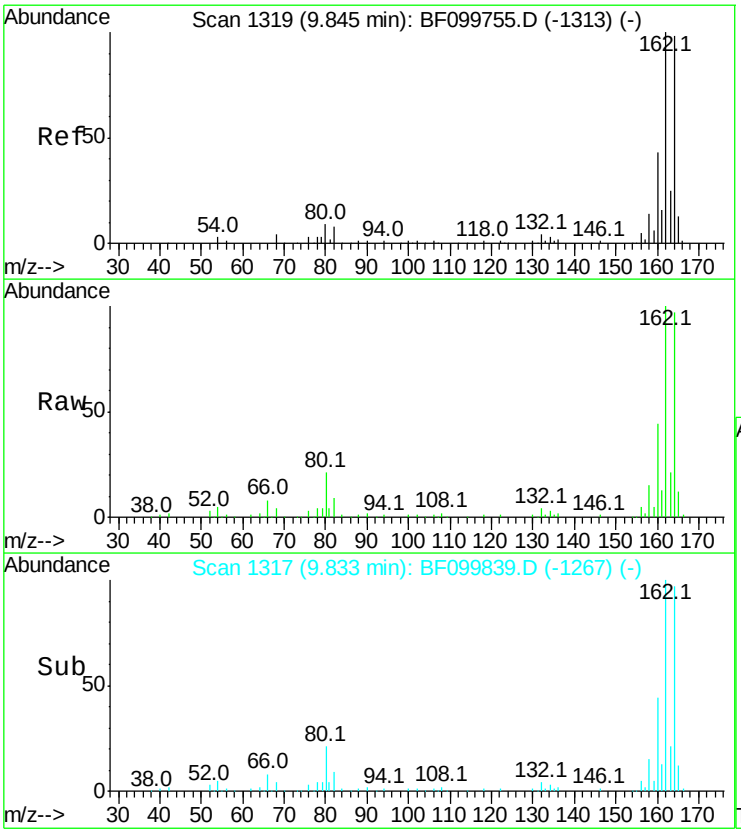
#23
Nitrobenzene-d5
Concen: 89.806 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tgt Ion: 82 Resp: 407292

Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	43.5	41.4	62.2

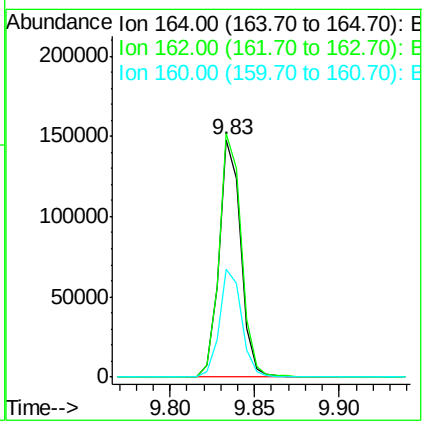


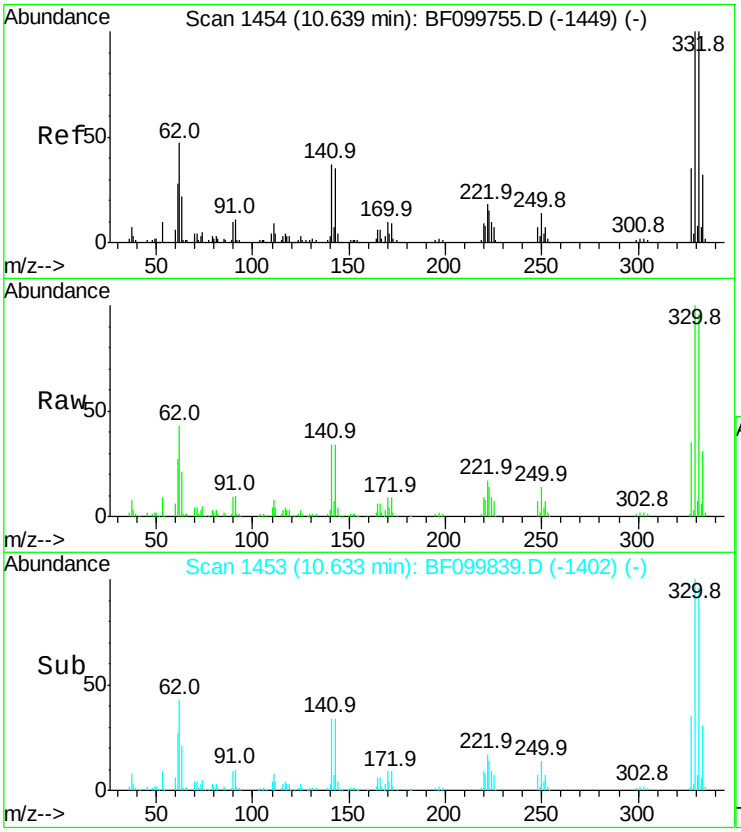


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:164 Resp: 132324

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.4	38.3	57.5



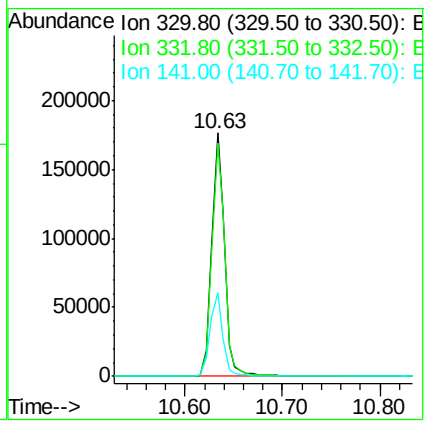


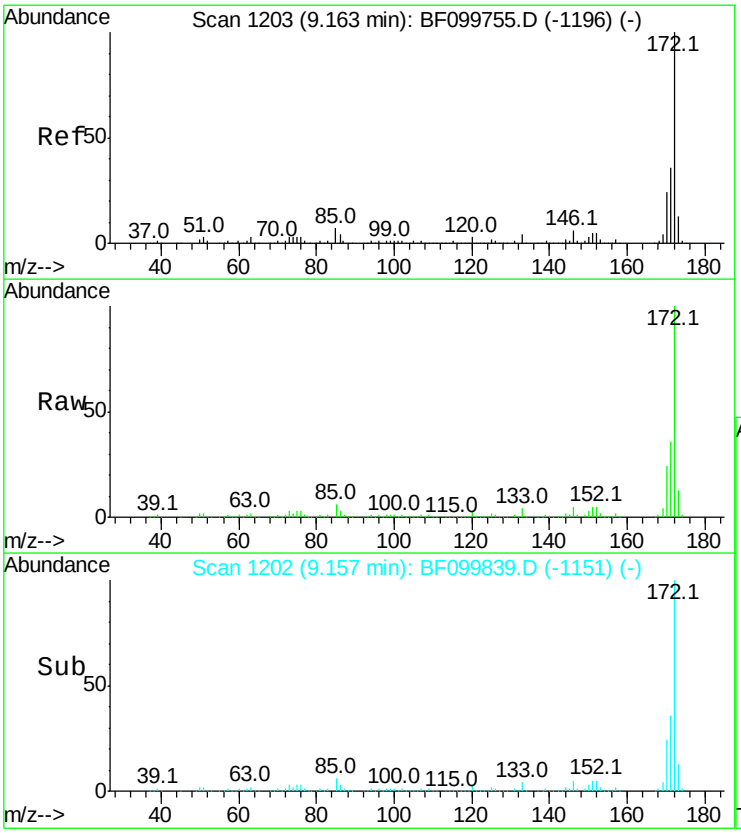
#41
2,4,6-Tribromophenol
Concen: 133.702 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tgt Ion:330 Resp: 161230

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	34.3	29.9	44.9

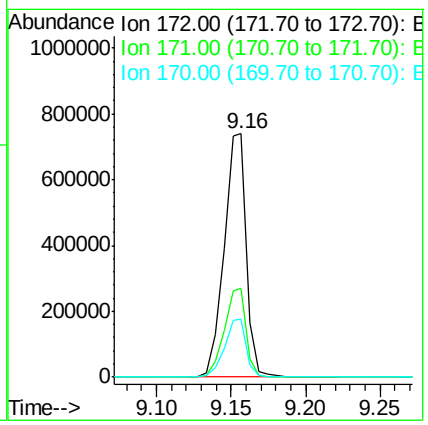


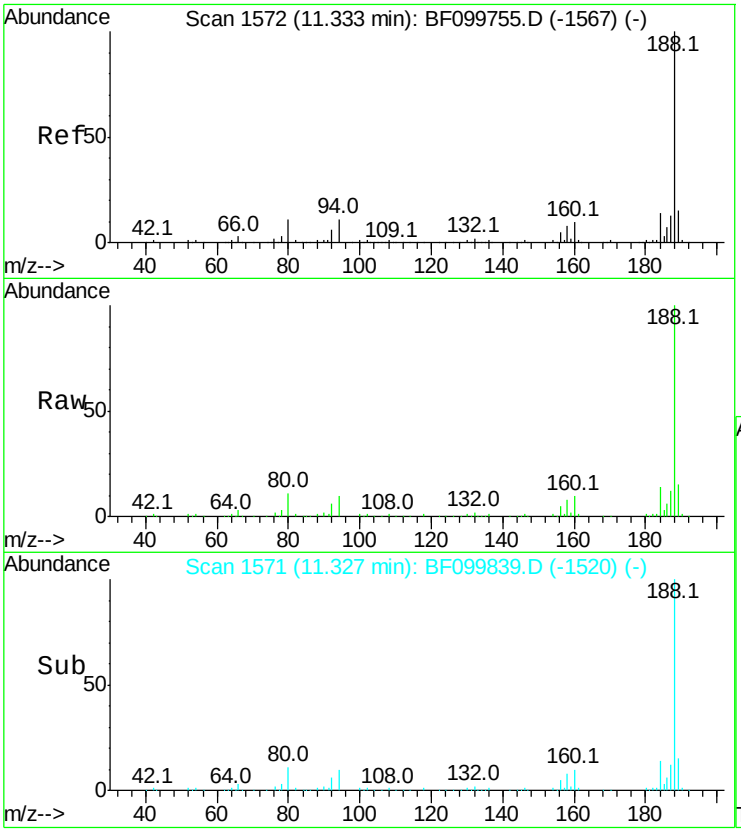


#44
2-Fluorobiphenyl
Concen: 90.919 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:172 Resp: 779777

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



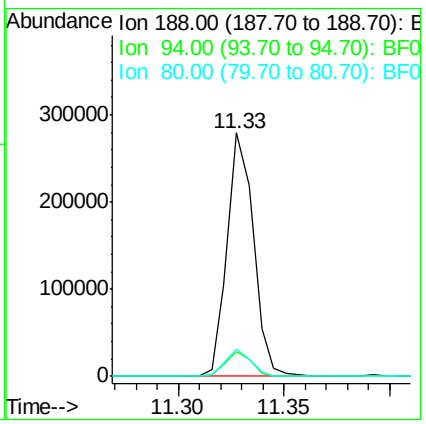


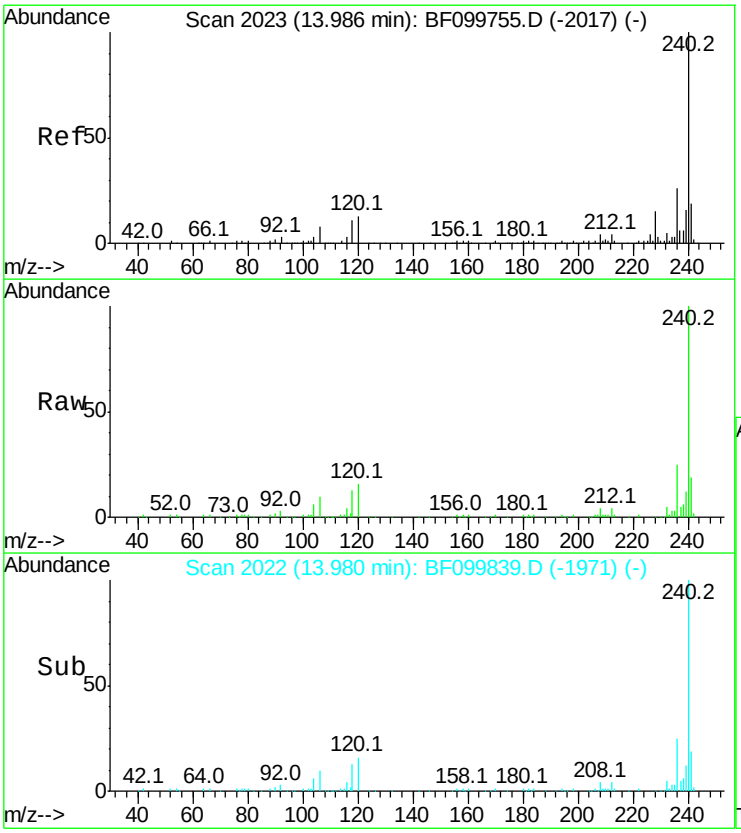
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tgt Ion:188 Resp: 240991

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8

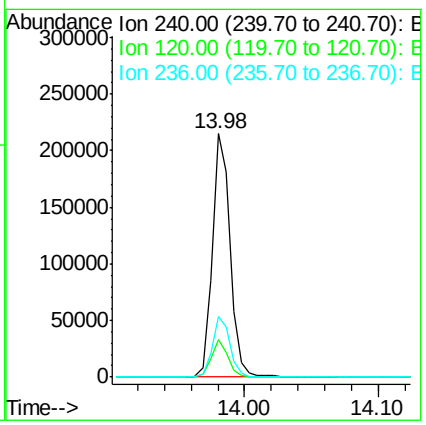


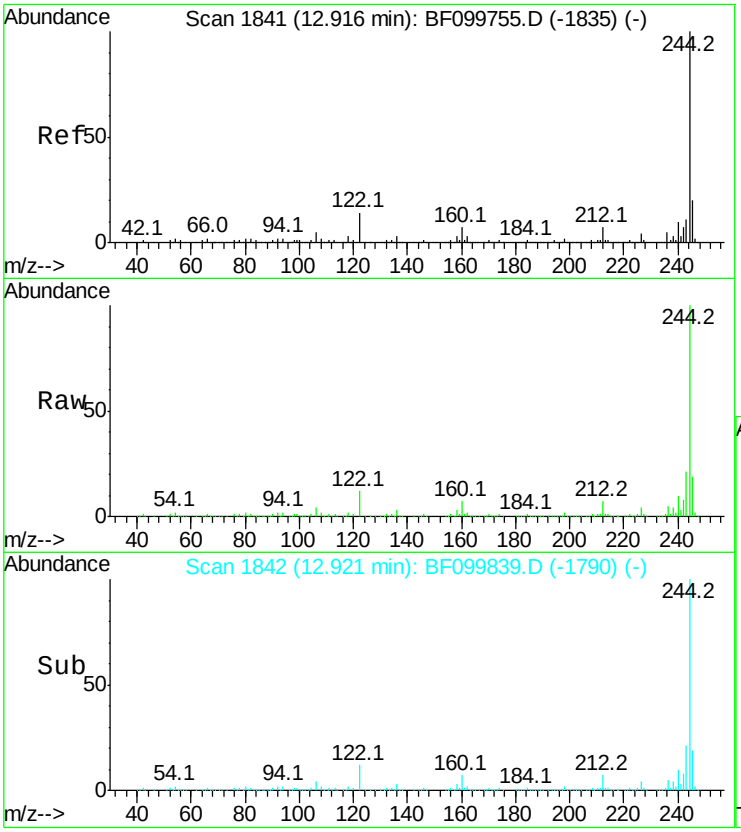


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:240 Resp: 201295

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.0	20.7	31.1



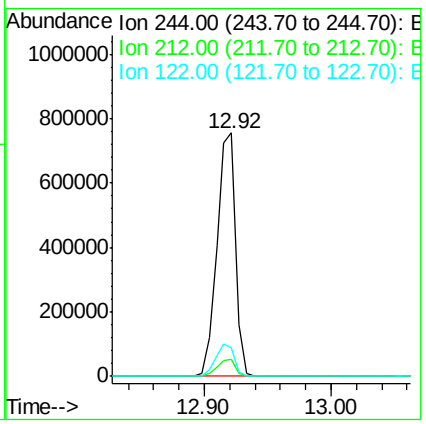


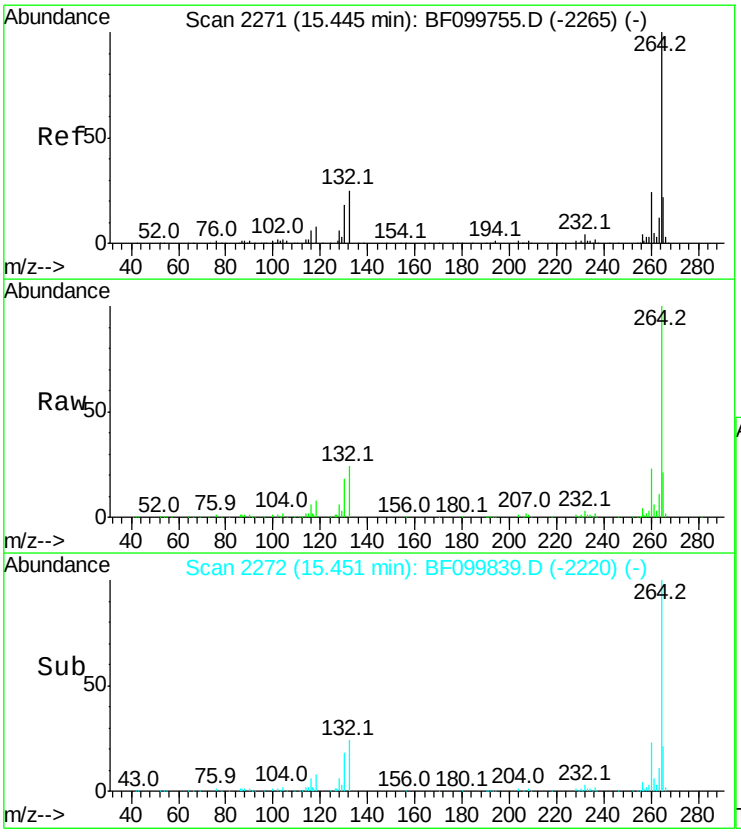
#78
Terphenyl-d14
Concen: 84.164 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Instrument :
BNA_F
ClientSampleId :
HD-01-102317

Tgt Ion:244 Resp: 775239

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099839.D
Acq: 26 Oct 2017 4:17

Tgt Ion:264 Resp: 171709

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.5	26.3