Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
Data File : BF099595.D
Acq On : 17 Oct 2017 21:46
Operator : SJ/JU
Sample : I5869-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5D-10-11-17

Quant Time: Oct 18 00:12:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 17:32:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	113095	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	451867	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	198482	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	298665	20.00	ng	0.00
75) Chrysene-d12	13.99	240	185764	20.00	ng	0.00
86) Perylene-d12	15.45	264	200025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	438955	61.79	ng	0.01
7) Phenol-d6	6.47	99	321961	36.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	646996	91.82	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	152543	93.92	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1170842	98.48	ng	0.00
78) Terphenyl-d14	12.93	244	700901	85.81	ng	0.00
Target Compounds						Qvalue

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

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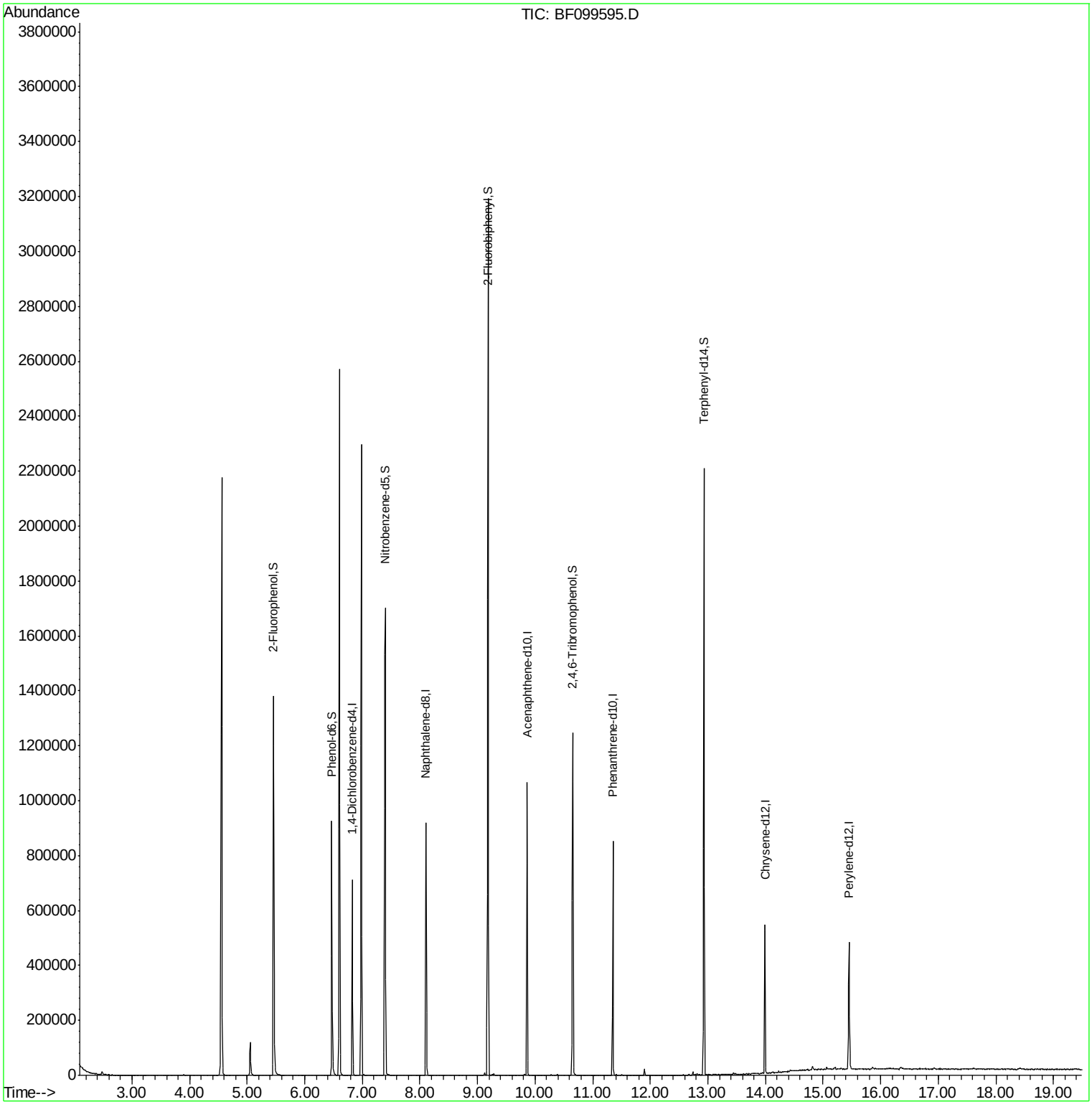
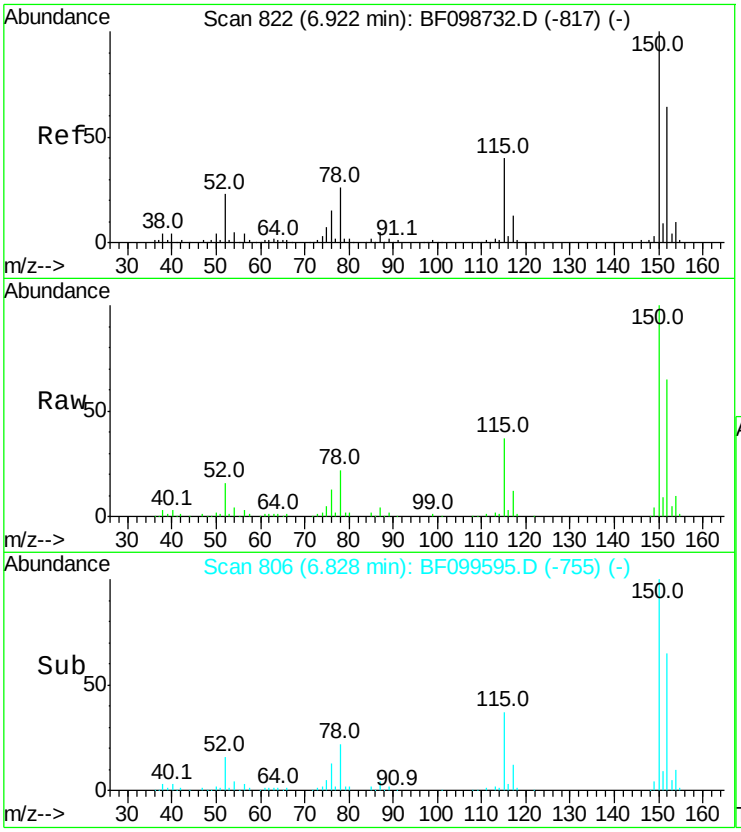


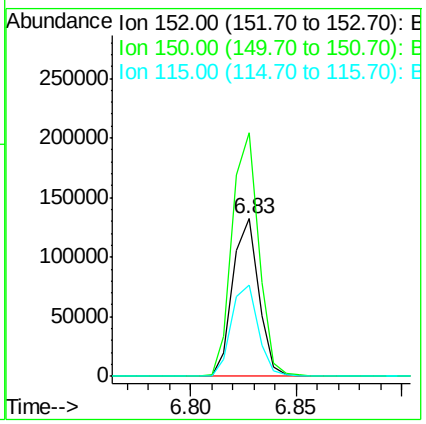


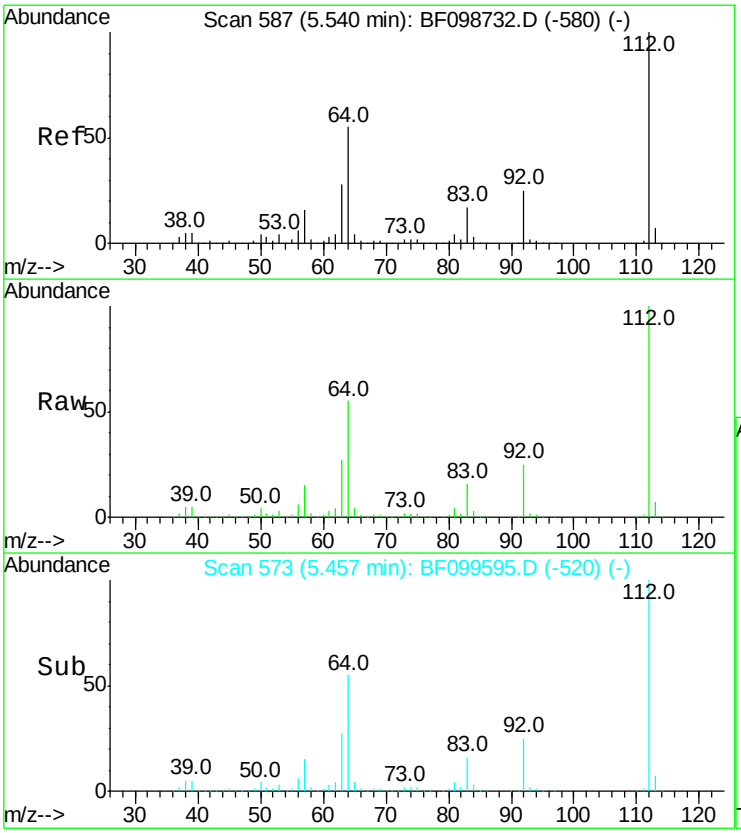
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-5D-10-11-17

Tgt Ion:152 Resp: 113095

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	57.8	50.1	75.1

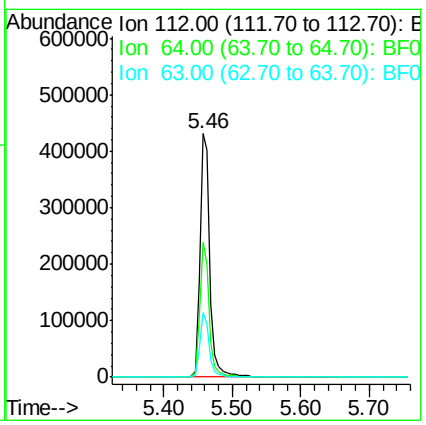


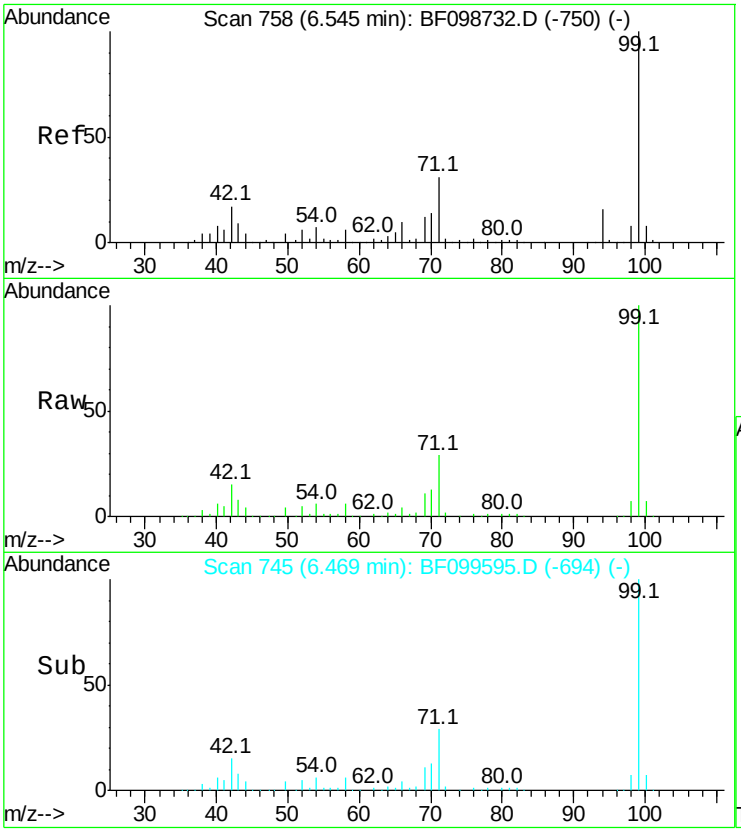


#5
2-Fluorophenol
Concen: 61.786 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:112 Resp: 438955

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	26.7	23.7	35.5



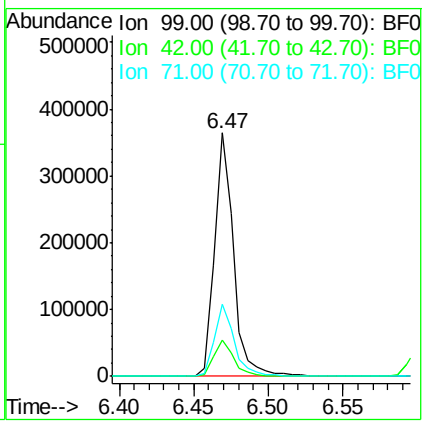


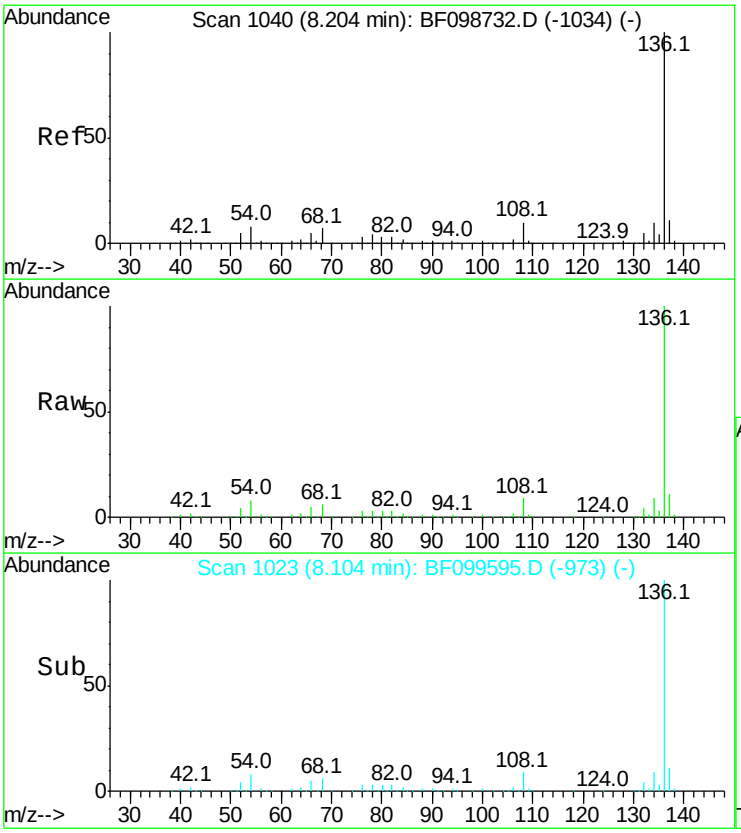
#7
Phenol-d6
Concen: 36.736 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-5D-10-11-17

Tgt Ion: 99 Resp: 321961

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	29.4	25.4	38.0

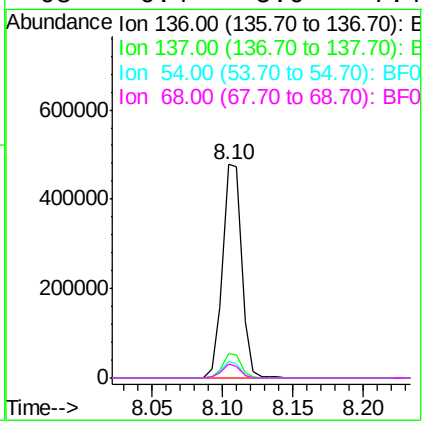


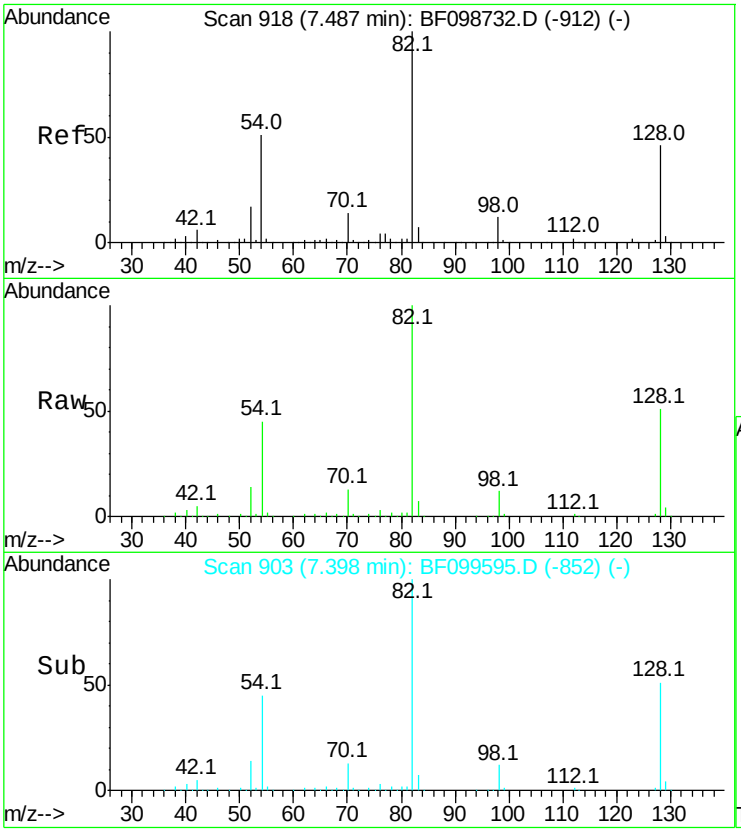


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:136 Resp: 451867

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4



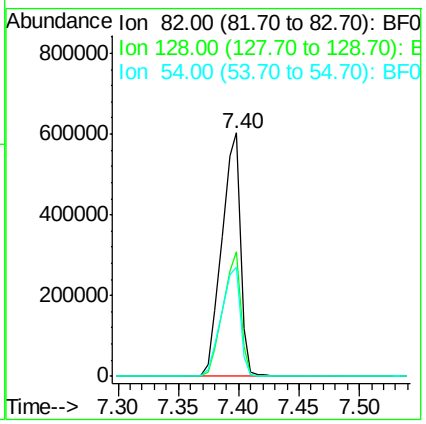


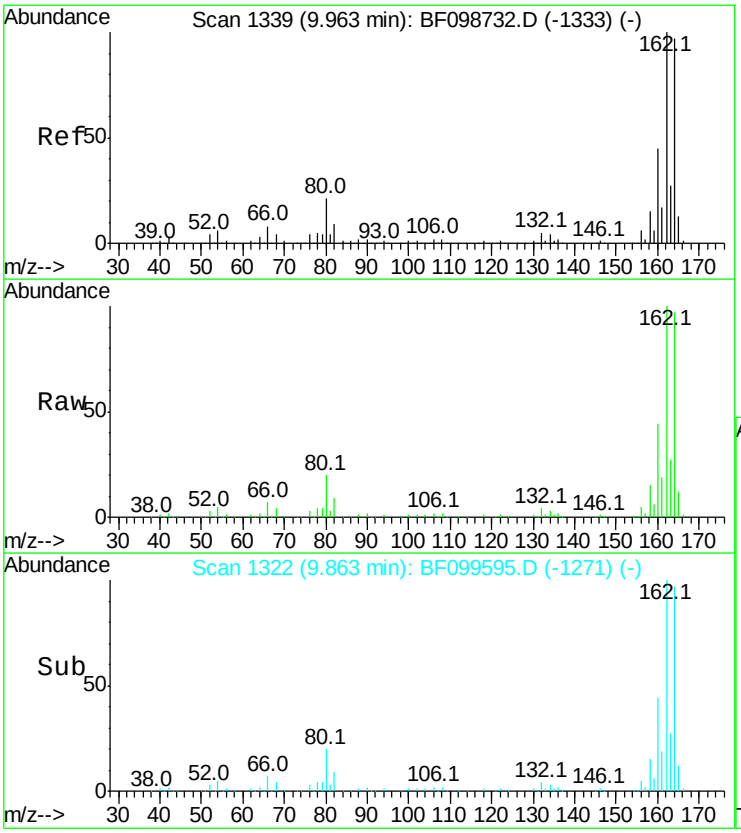
#23
Nitrobenzene-d5
Concen: 91.823 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-5D-10-11-17

Tgt Ion: 82 Resp: 646996

Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.1	54.1
54	44.8	41.4	62.2

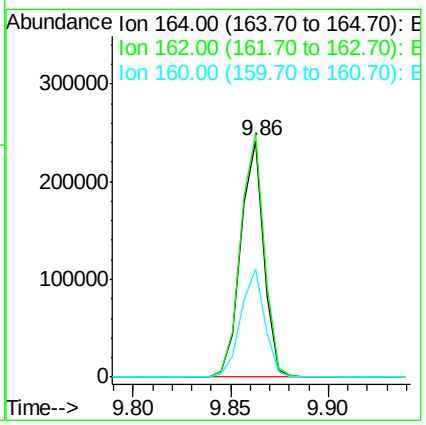


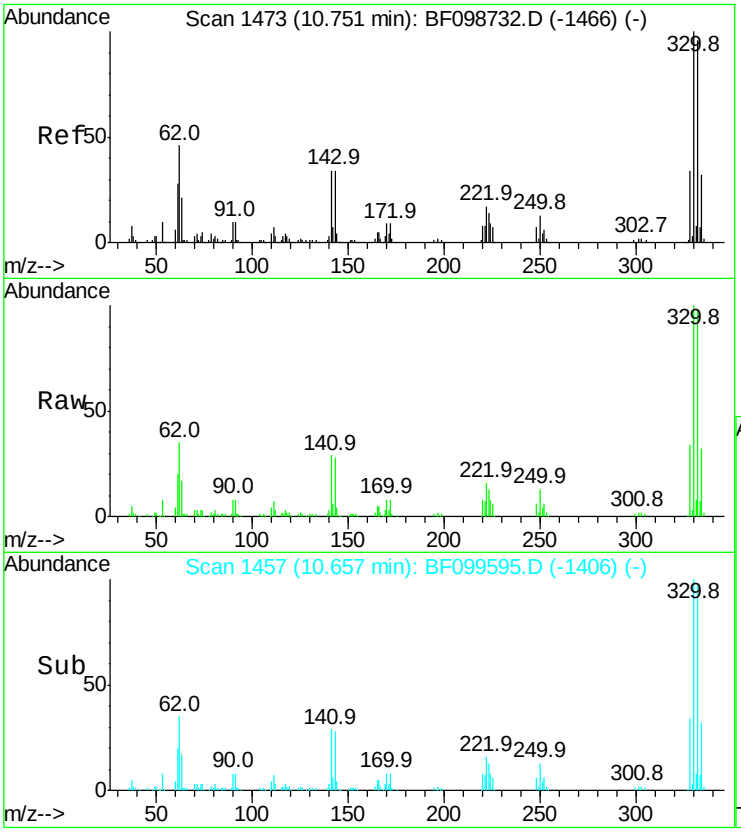


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:164 Resp: 198482

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.5	38.3	57.5



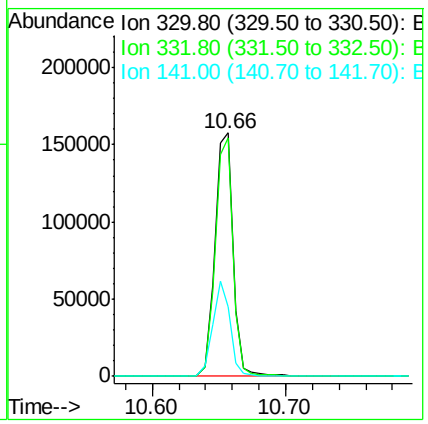


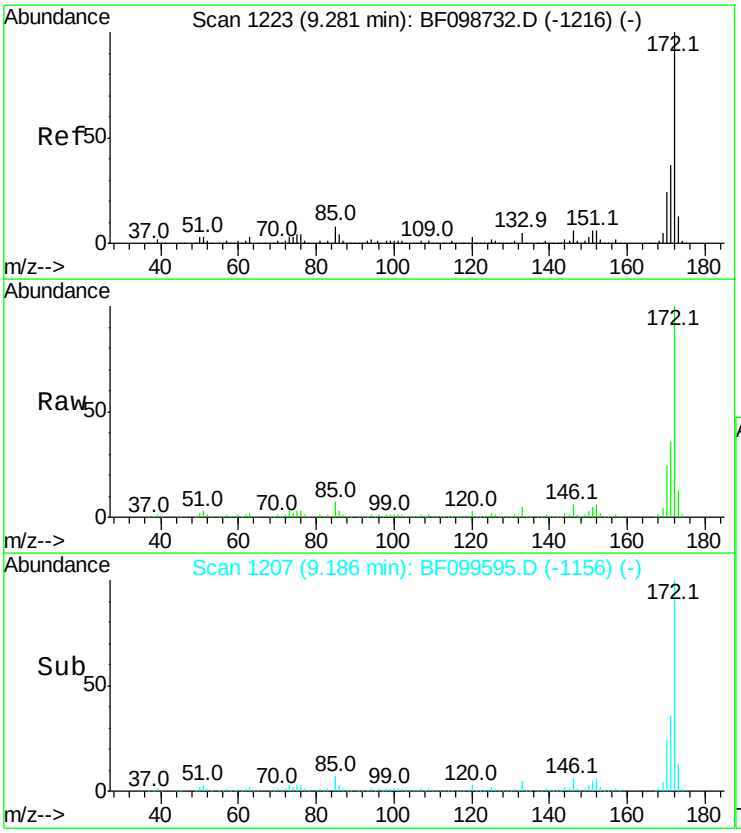
#41
2,4,6-Tribromophenol
Concen: 93.923 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-5D-10-11-17

Tgt Ion:330 Resp: 152543

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	36.8	29.9	44.9

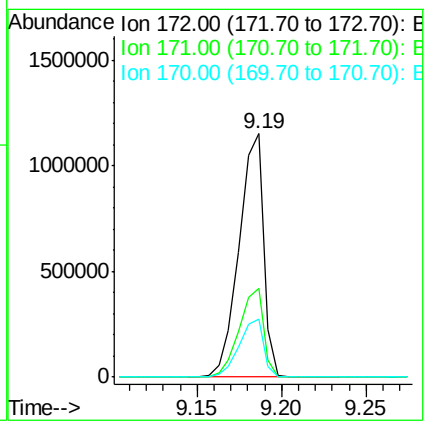


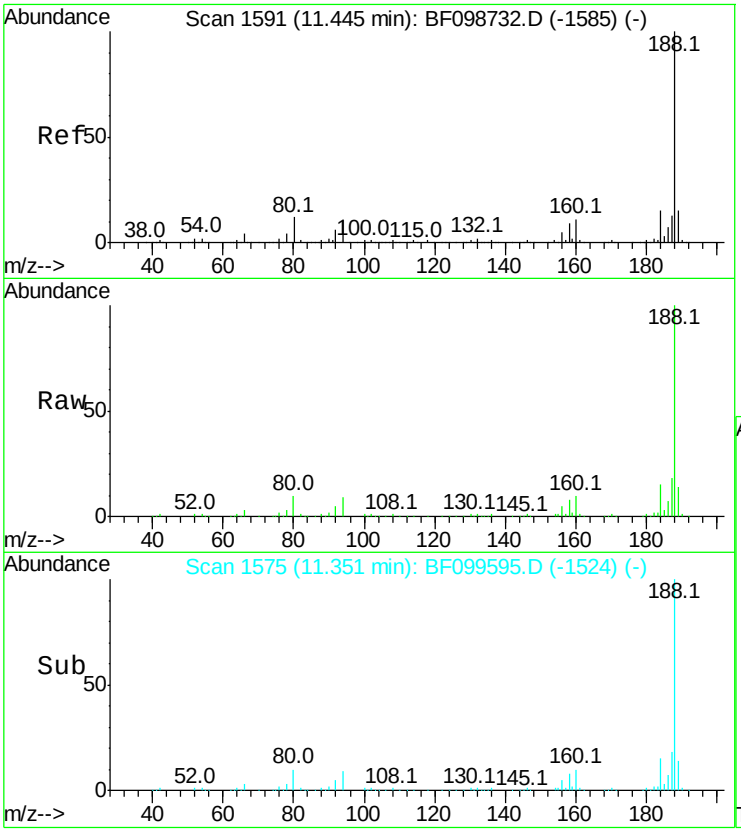


#44
2-Fluorobiphenyl
Concen: 98.479 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:172 Resp: 1170842

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



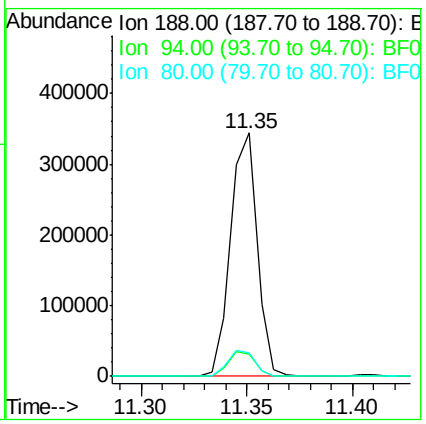


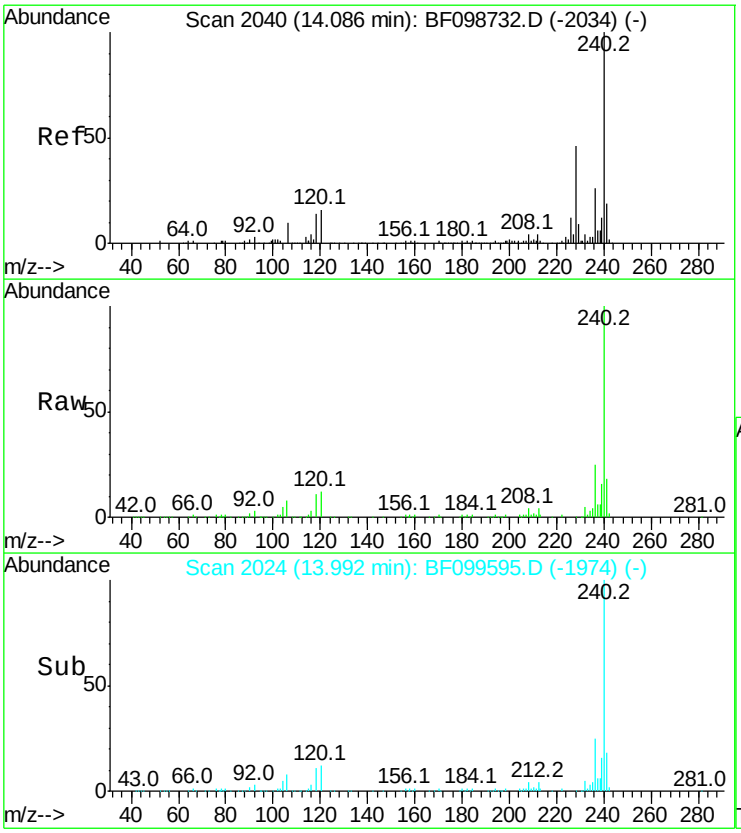
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-5D-10-11-17

Tgt Ion:188 Resp: 298665

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.8	9.2	13.8

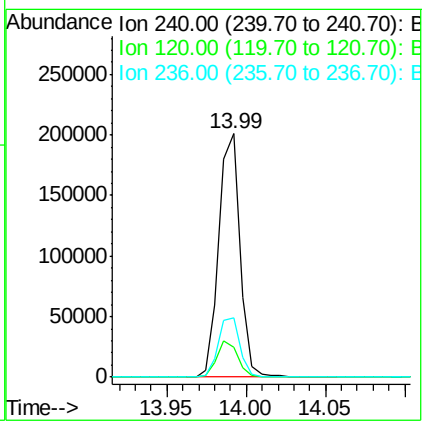


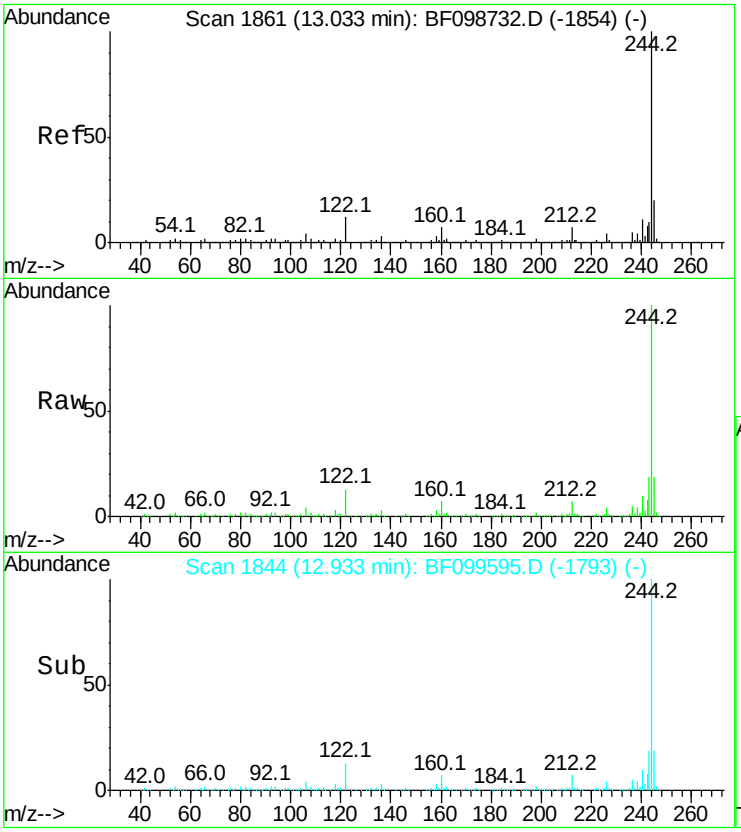


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:240 Resp: 185764

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	24.6	20.7	31.1



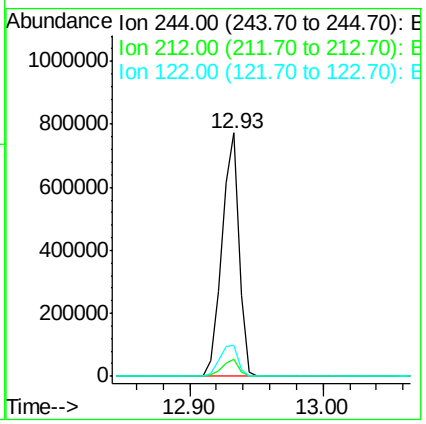


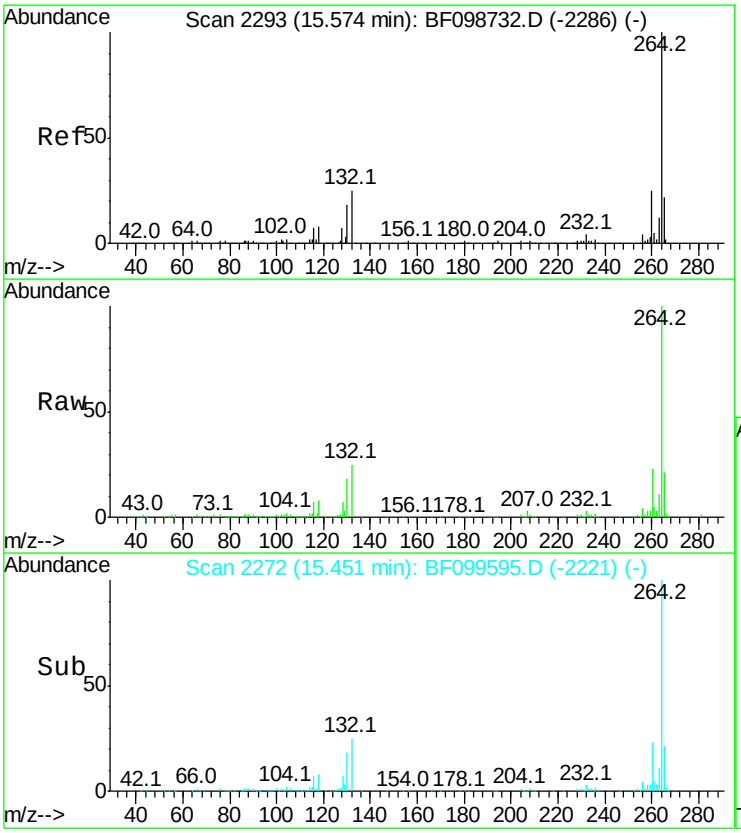
#78
Terphenyl-d14
Concen: 85.807 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Instrument :
BNA_F
ClientSampleId :
MW-5D-10-11-17

Tgt Ion:244 Resp: 700901

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF099595.D
Acq: 17 Oct 2017 21:46

Tgt Ion:264 Resp: 200025

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3