Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101616.D
Acq On : 21 Dec 2017 19:27
Operator : SJ/JU
Sample : I6957-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HALSTED-EW

Quant Time: Dec 22 01:21:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114442	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	420275	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	151909	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	251003	20.00	ng	0.00
75) Chrysene-d12	13.97	240	274383	20.00	ng	0.00
86) Perylene-d12	15.44	264	221902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	58382	7.60	ng	0.02
7) Phenol-d6	6.46	99	77944	8.15	ng	0.02
23) Nitrobenzene-d5	7.37	82	45232	5.99	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	6579	4.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	82766	8.45	ng	0.00
78) Terphenyl-d14	12.90	244	71727	6.30	ng	0.00
Target Compounds						Qvalue

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

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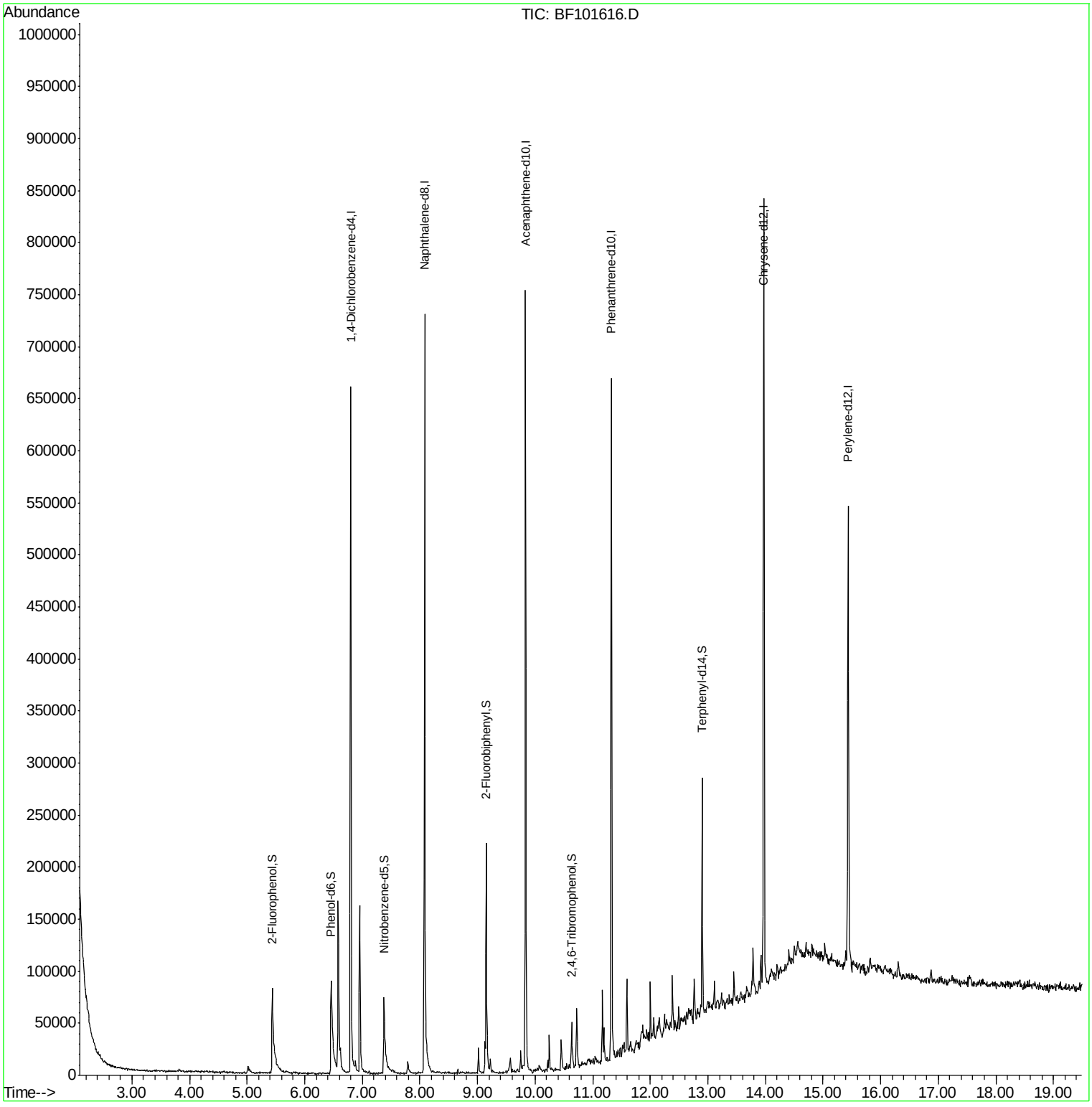
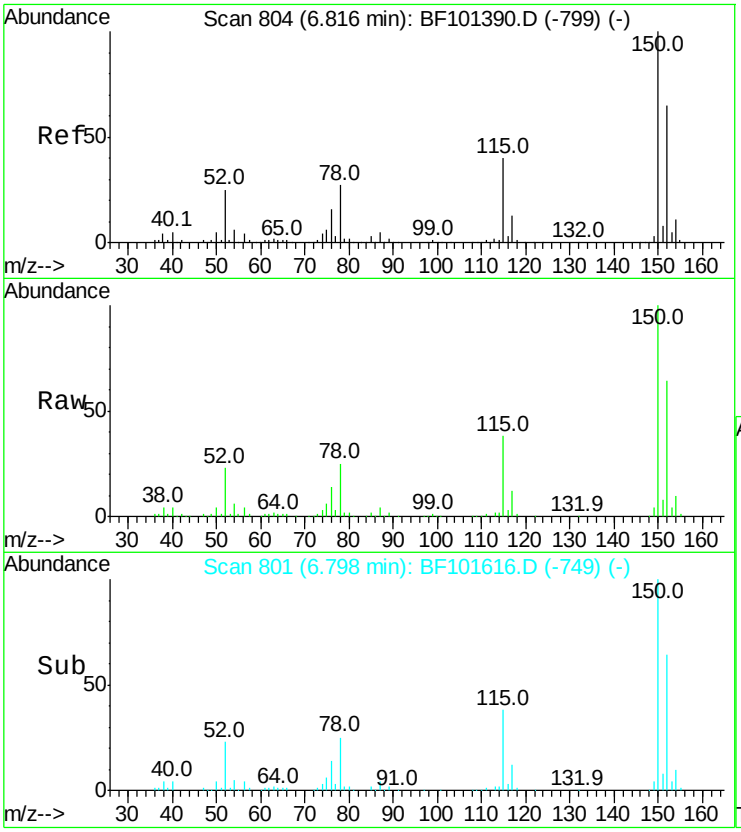


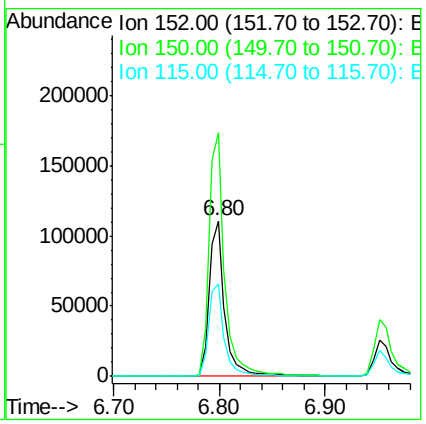


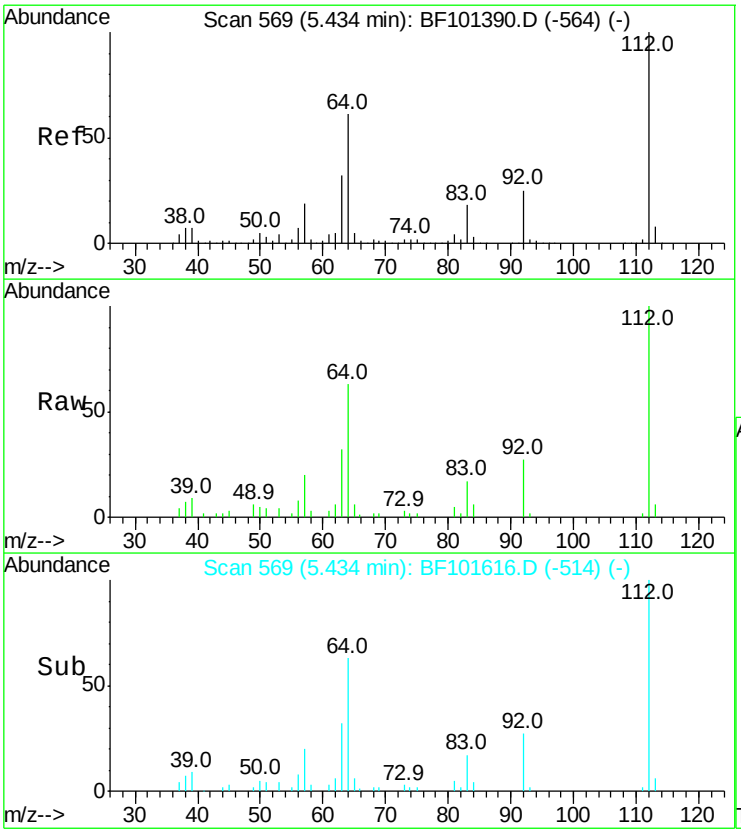
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

Tgt Ion:152 Resp: 114442

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.4	50.1	75.1

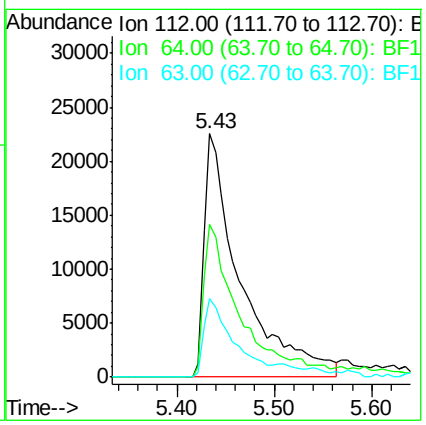


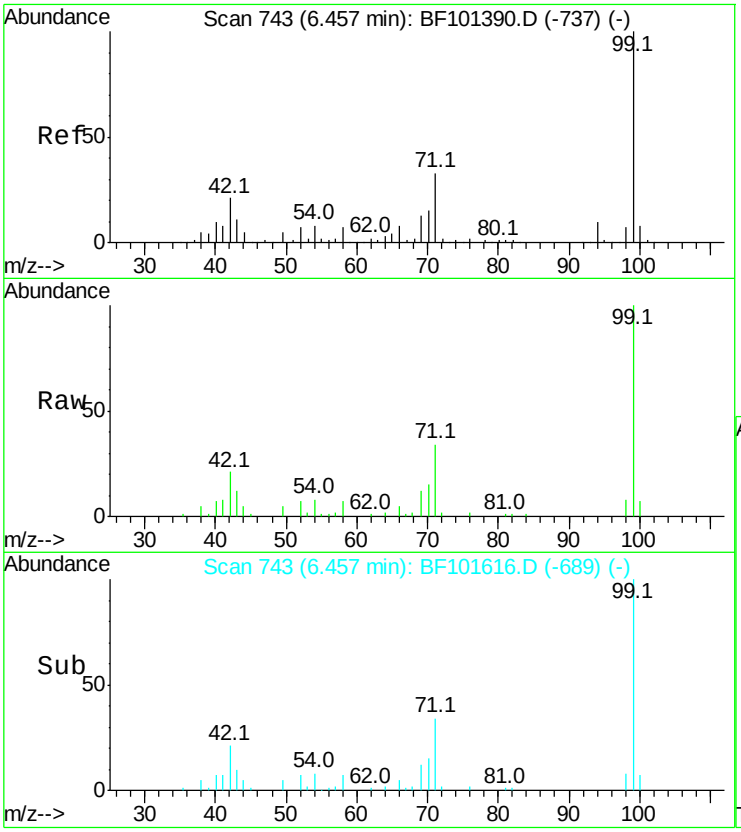


#5
2-Fluorophenol
Concen: 7.599 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:112 Resp: 58382

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	32.1	23.7	35.5



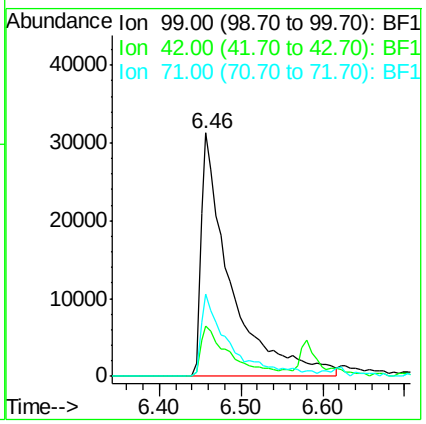


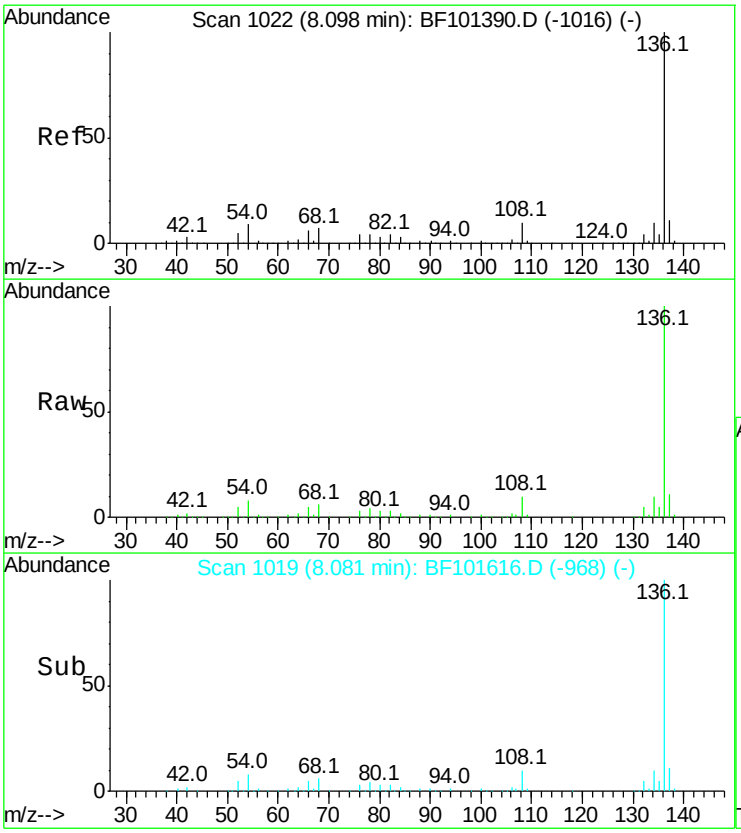
#7
Phenol-d6
Concen: 8.152 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

Tgt Ion: 99 Resp: 77944

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	33.7	25.4	38.0

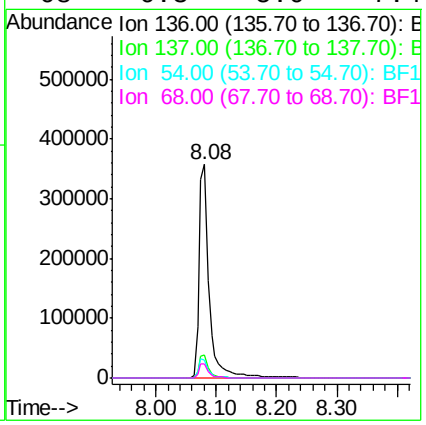


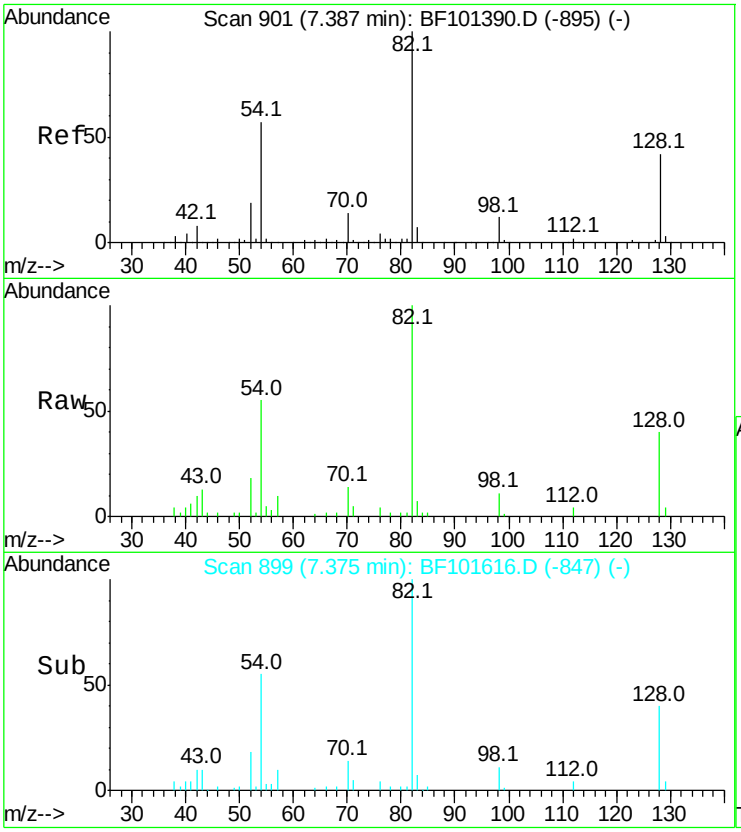


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:136 Resp: 420275

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

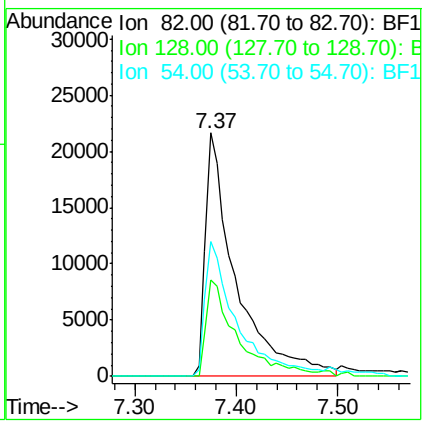




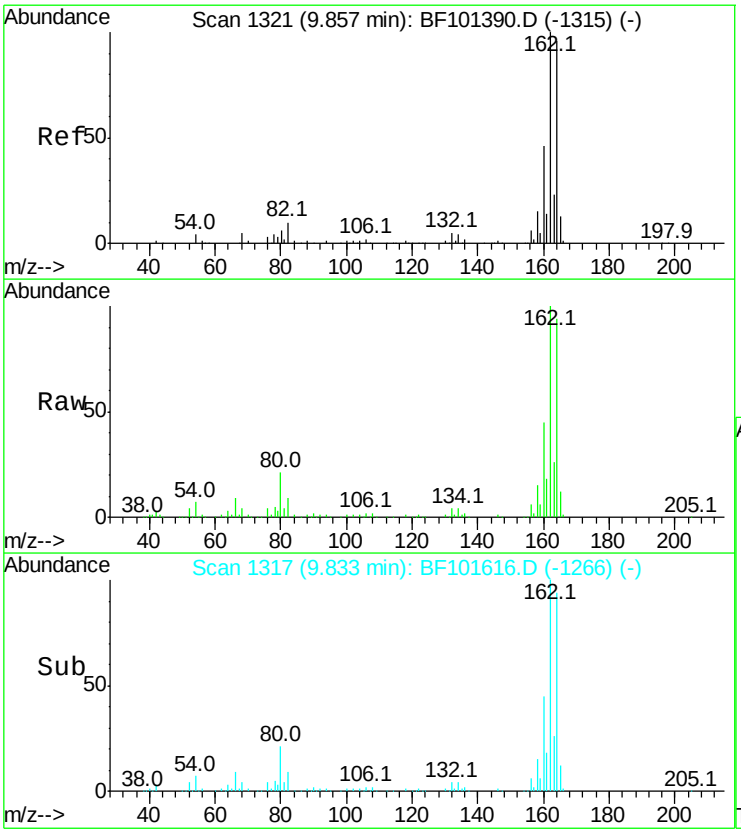
#23
Nitrobenzene-d5
Concen: 5.991 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion: 82 Resp: 45232

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	55.2	41.4	62.2



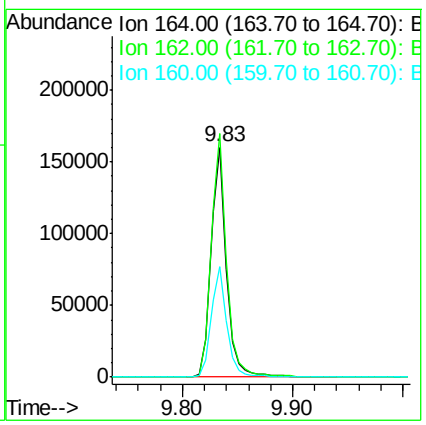
Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

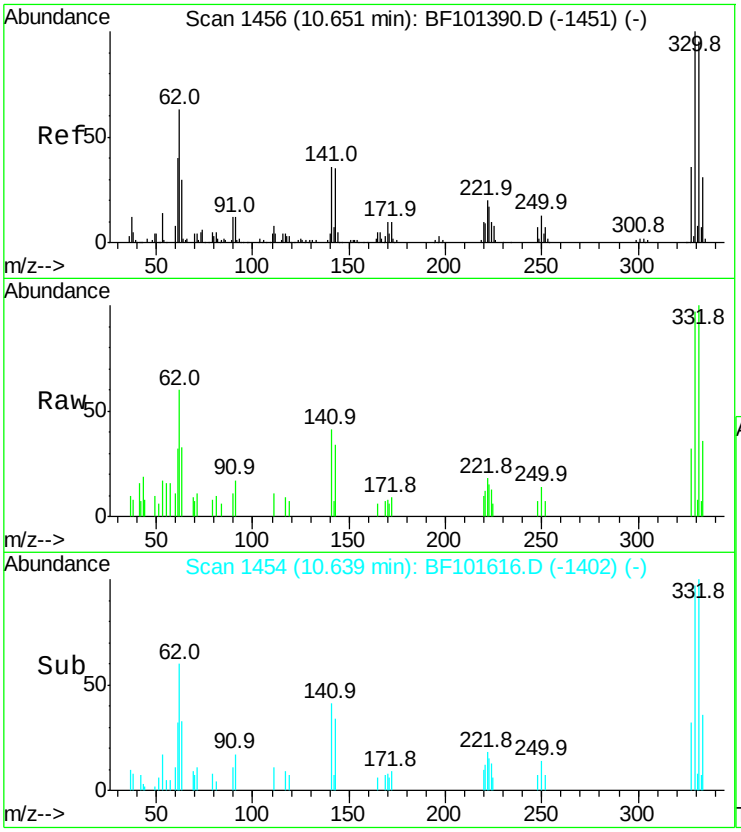


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:164 Resp: 151909

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	48.0	38.3	57.5



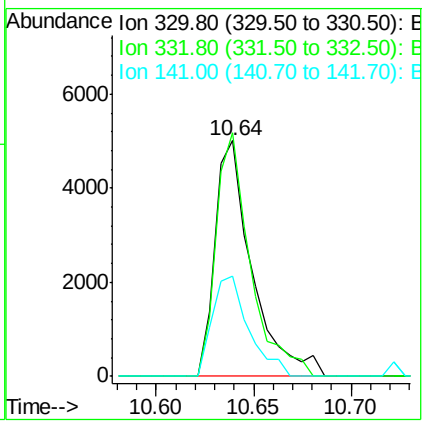


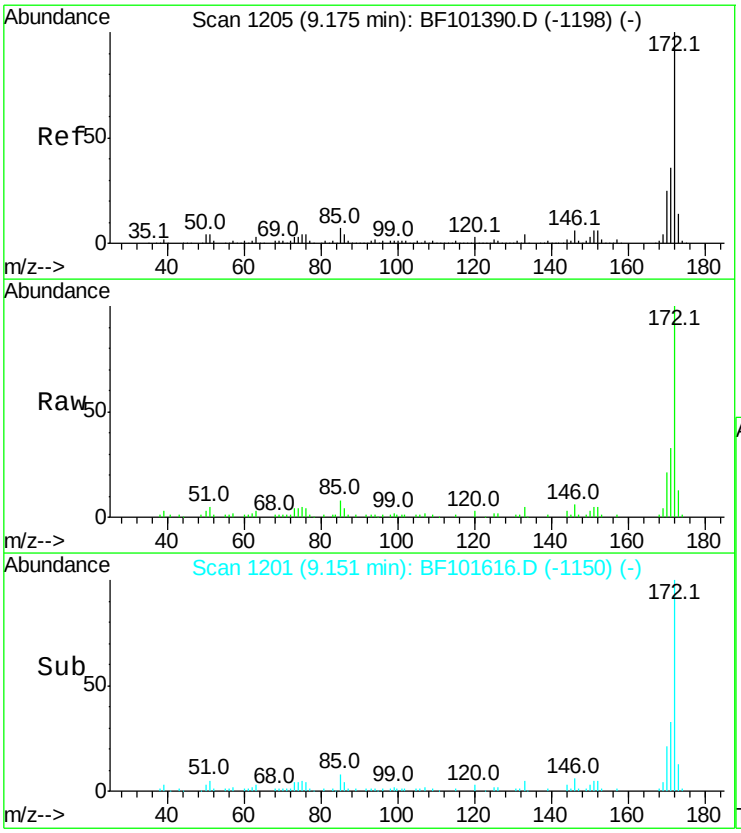
#41
2,4,6-Tribromophenol
Concen: 4.495 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

Tgt Ion:330 Resp: 6579

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	41.9	29.9	44.9

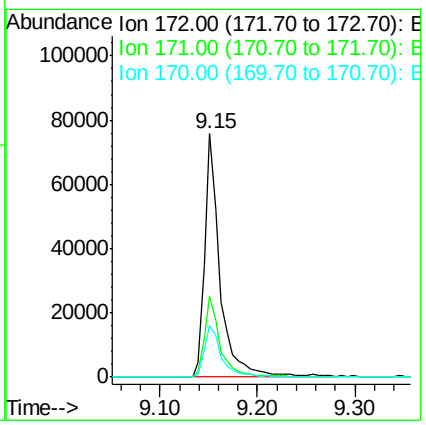


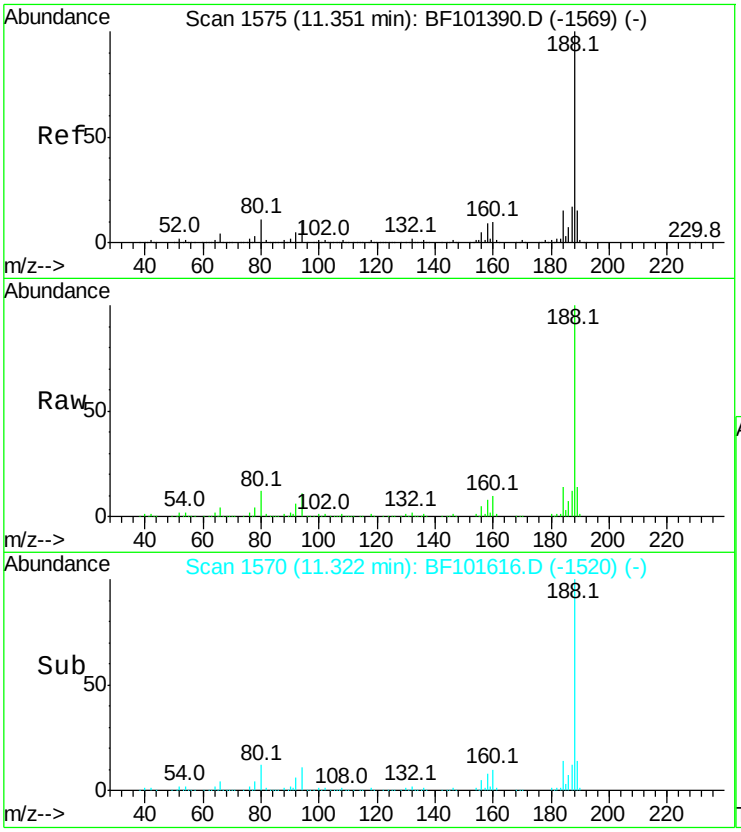


#44
2-Fluorobiphenyl
Concen: 8.452 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:172 Resp: 82766

Ion	Ratio	Lower	Upper
172	100		
171	33.1	29.7	44.5
170	21.5	19.6	29.4



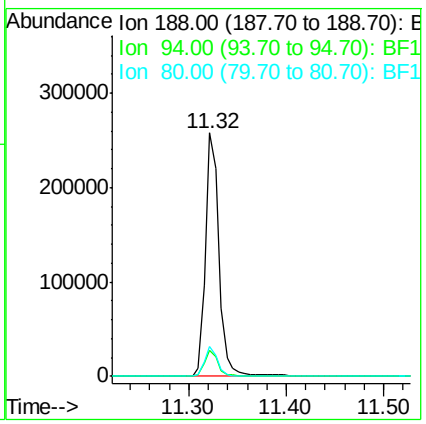


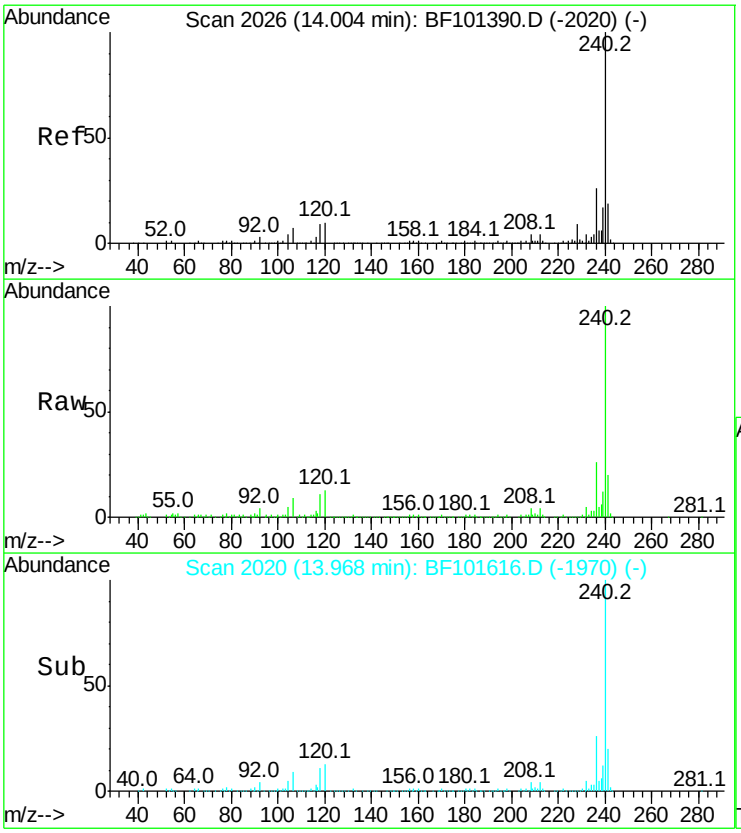
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

Tgt Ion:188 Resp: 251003

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.2	9.2	13.8

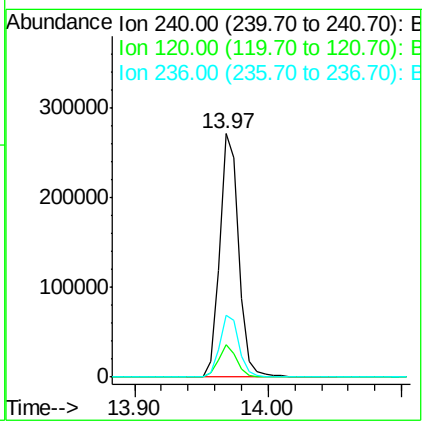


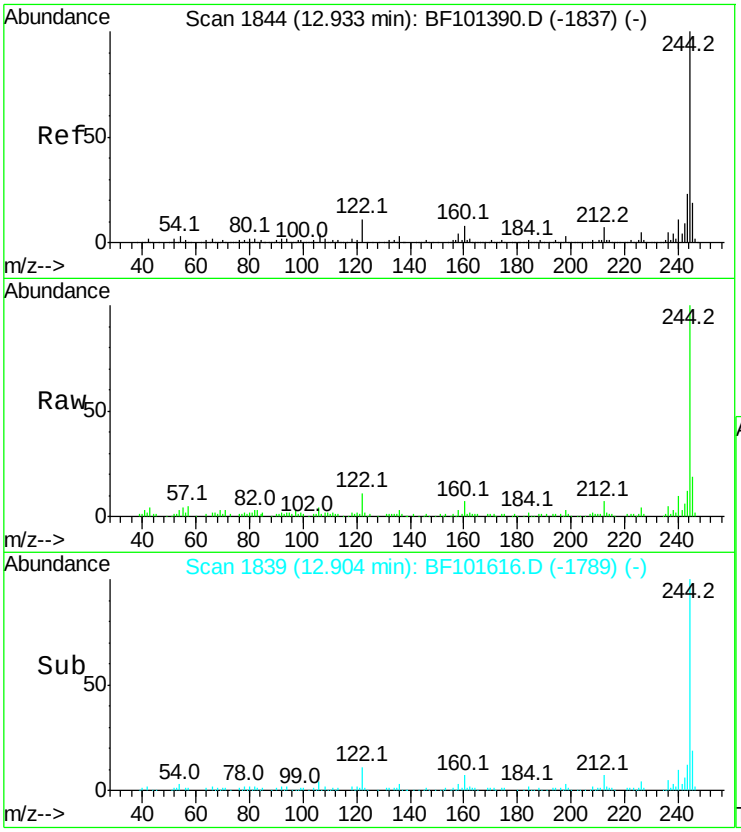


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:240 Resp: 274383

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.6	20.7	31.1



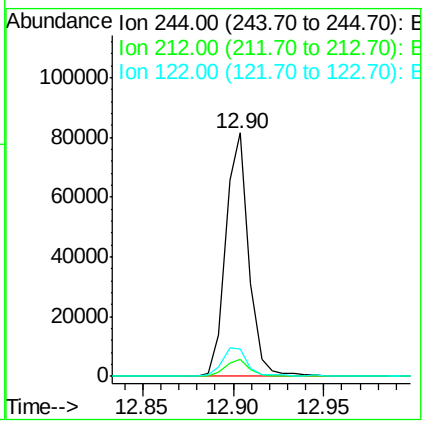


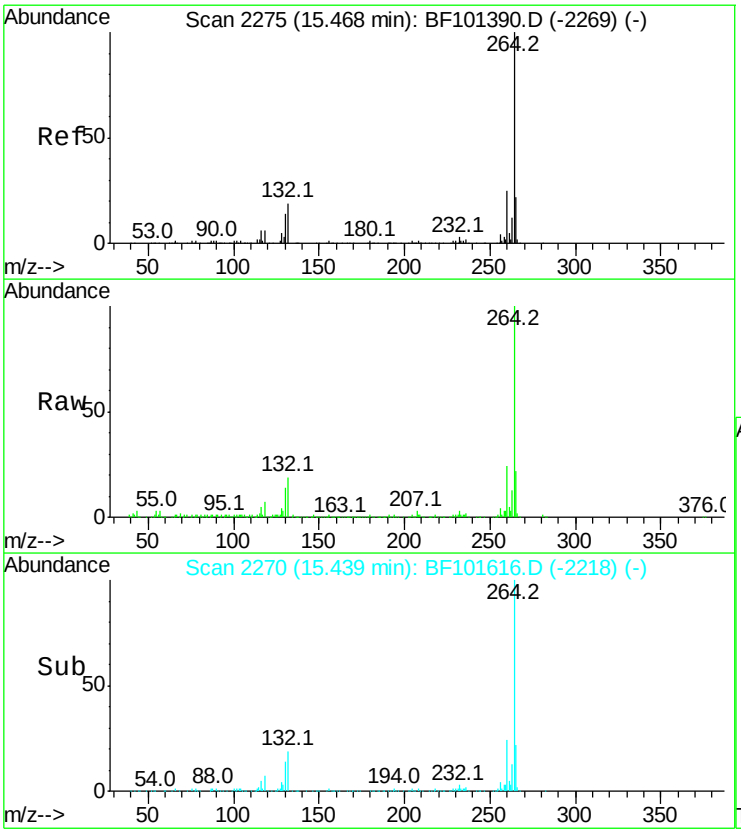
#78
Terphenyl-d14
Concen: 6.302 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Instrument :
BNA_F
ClientSampleId :
HALSTED-EW

Tgt Ion:244 Resp: 71727

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101616.D
Acq: 21 Dec 2017 19:27

Tgt Ion:264 Resp: 221902

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3