Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116816.D
Acq On : 4 Sep 2019 15:32
Operator : HP/JU
Sample : K4625-02 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HF-01

Quant Time: Sep 05 03:42:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	71229	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	302195	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	152630	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	227116	20.00	ng	0.00
76) Chrysene-d12	13.99	240	162216	20.00	ng	0.00
87) Perylene-d12	15.45	264	150085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	88960	20.23	ng	0.00
7) Phenol-d6	6.47	99	124305	21.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	73644	13.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	22203	21.76	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	137415	15.19	ng	-0.01
79) Terphenyl-d14	12.94	244	102601	11.70	ng	-0.01
Target Compounds						Qvalue

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

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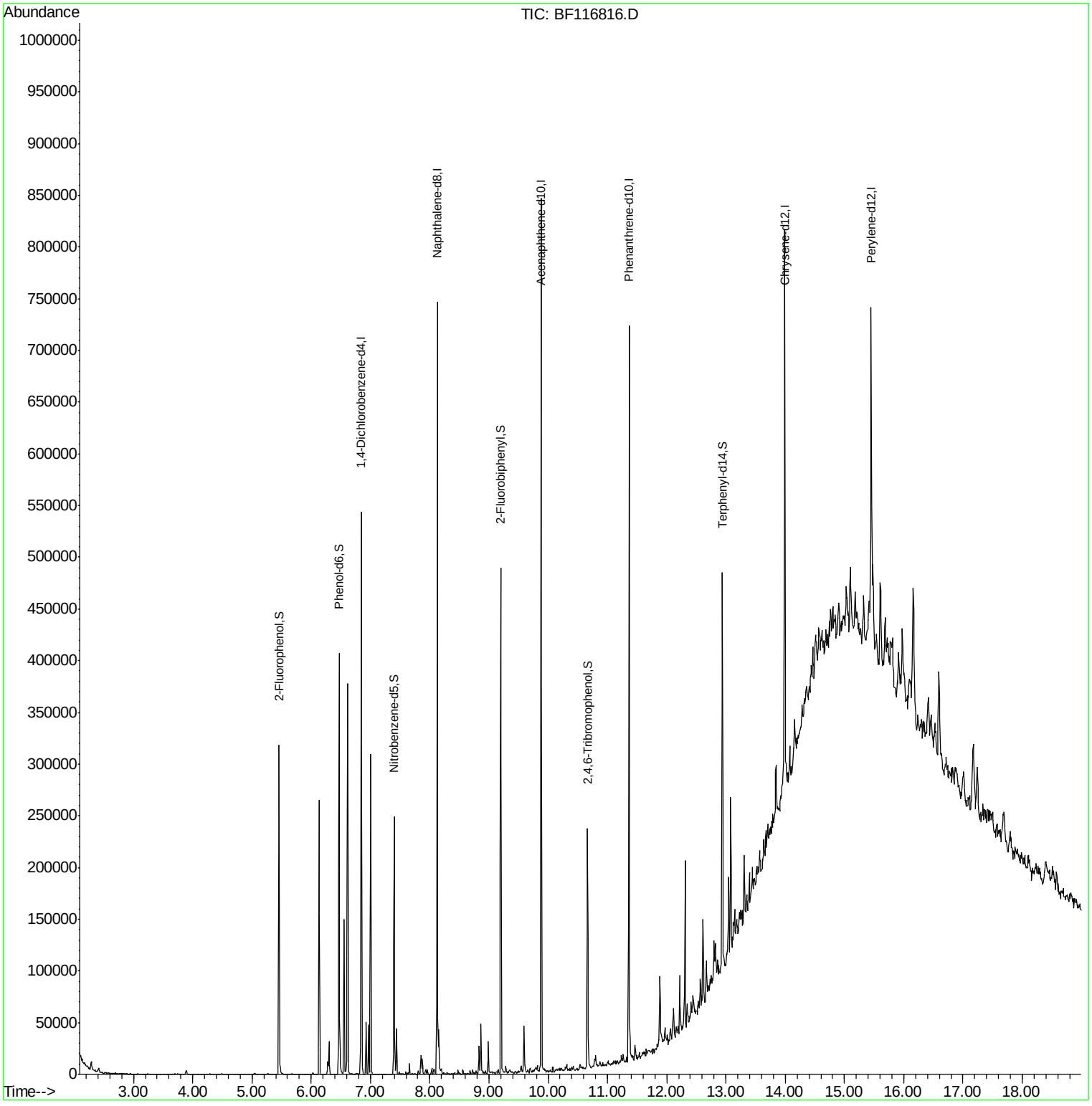
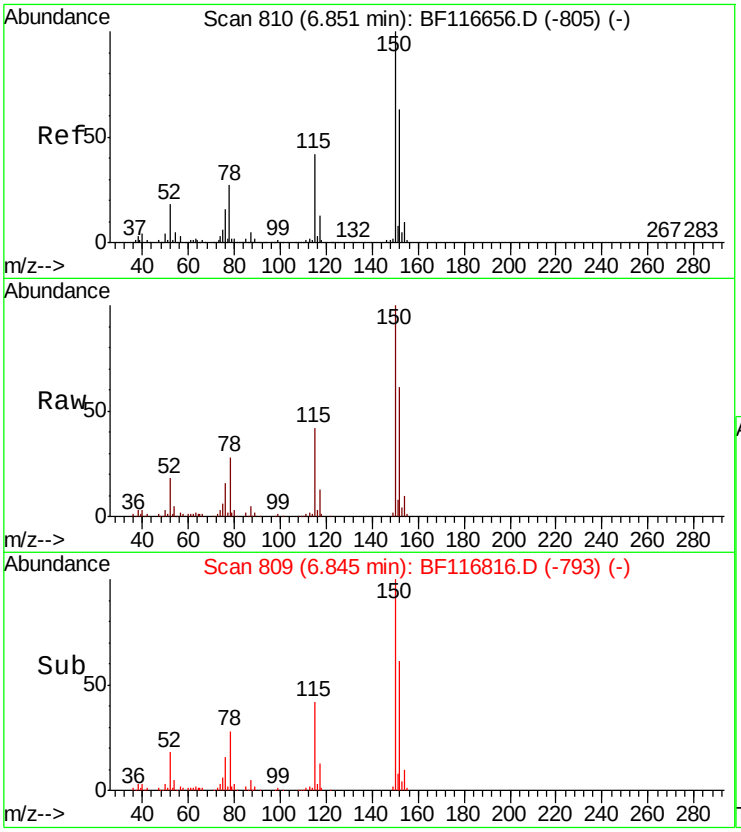


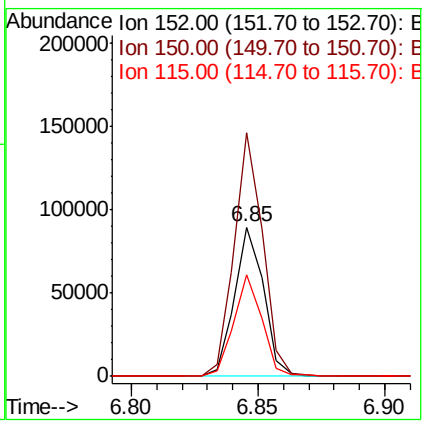


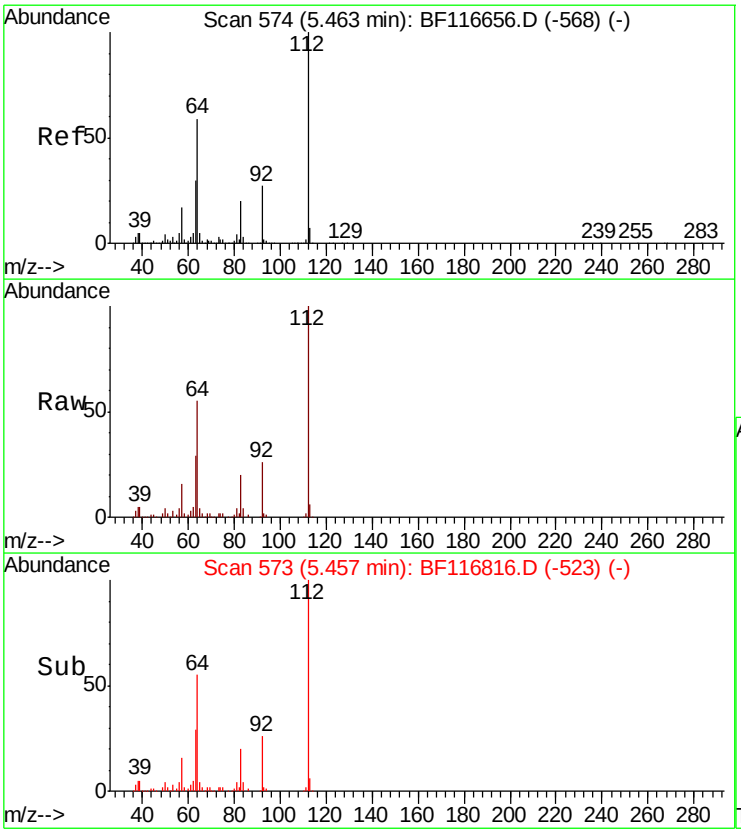
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tgt Ion:152 Resp: 71229

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.4	186.6
115	68.2	49.9	74.9

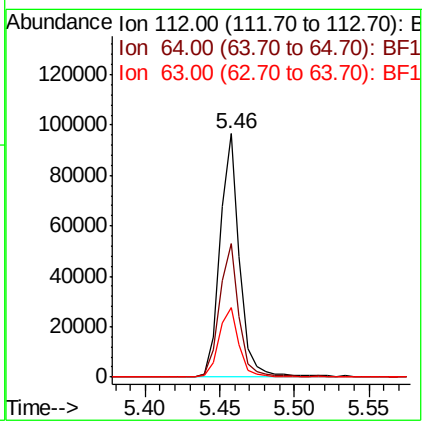


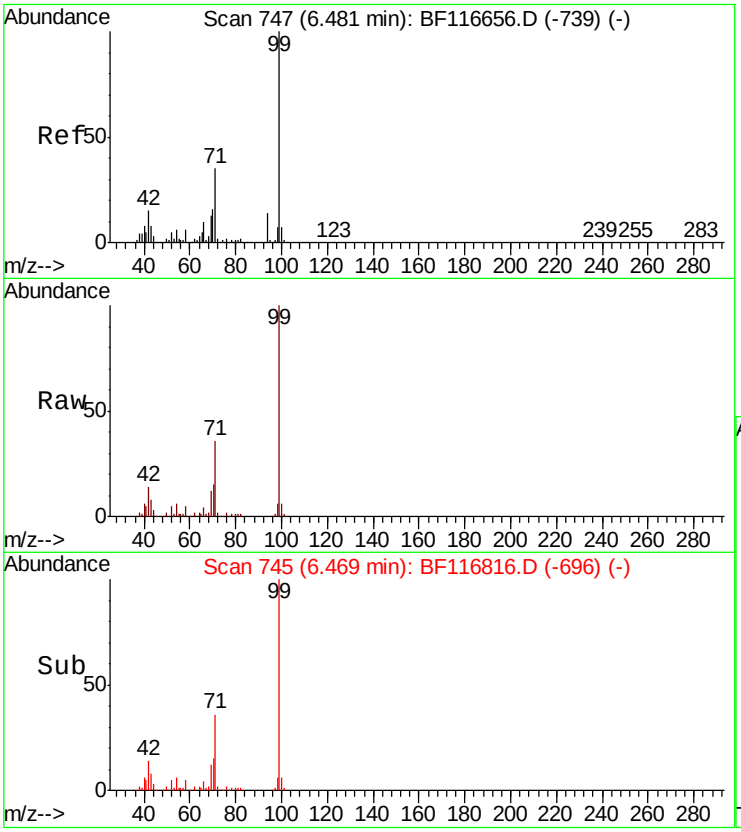


#5
2-Fluorophenol
Concen: 20.233 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:112 Resp: 88960

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.1	70.7
63	28.7	24.9	37.3



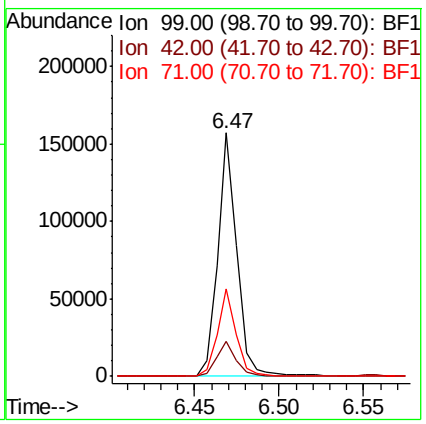


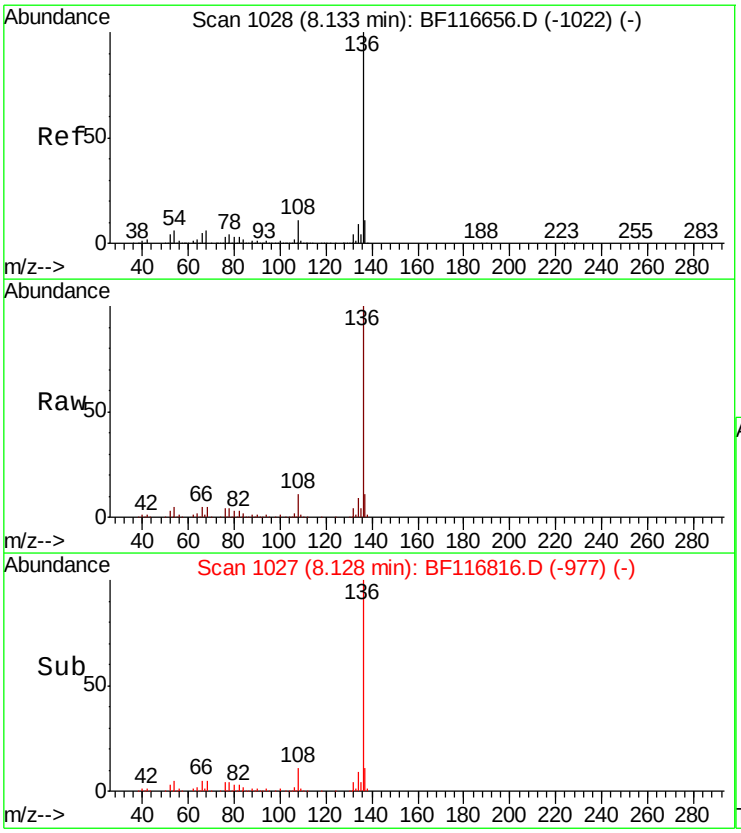
#7
Phenol-d6
Concen: 21.531 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tgt Ion: 99 Resp: 124305

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	35.7	30.8	46.2

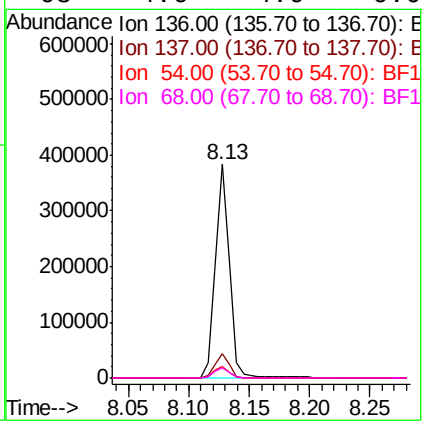


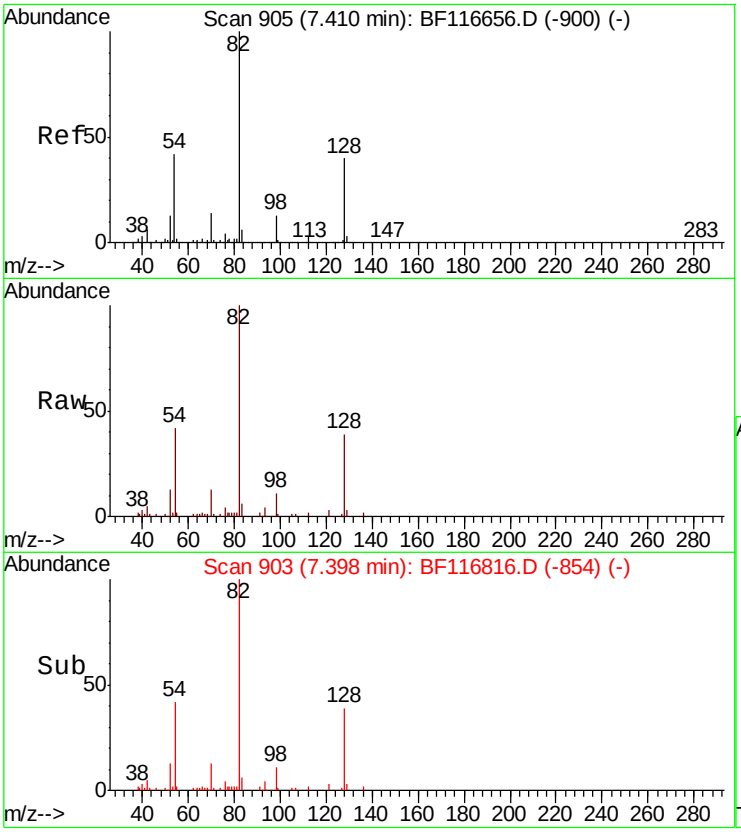


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:136 Resp: 302195

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.5	4.8	7.2
68	4.6	4.0	6.0



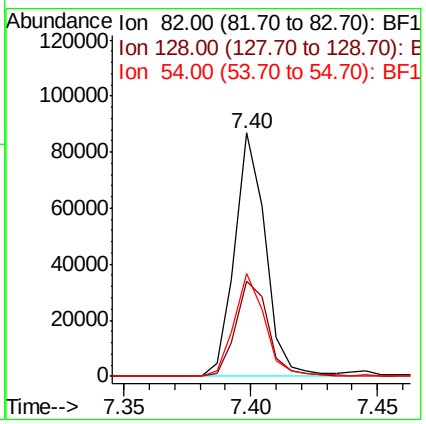


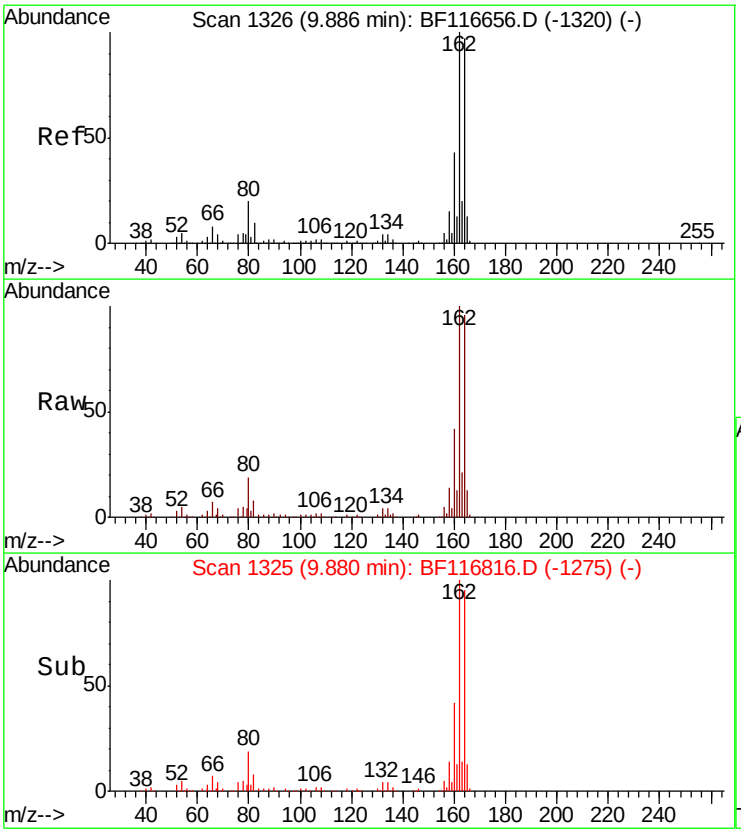
#23
Nitrobenzene-d5
Concen: 13.912 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tgt Ion: 82 Resp: 73644

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.8	49.2
54	42.3	36.9	55.3

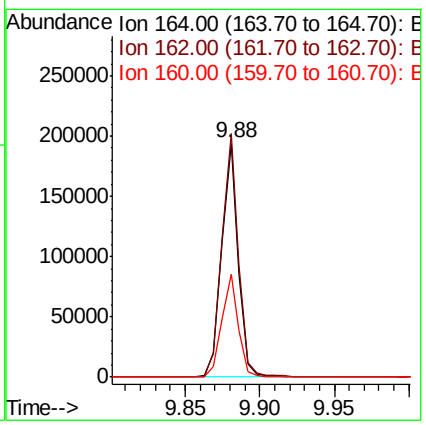


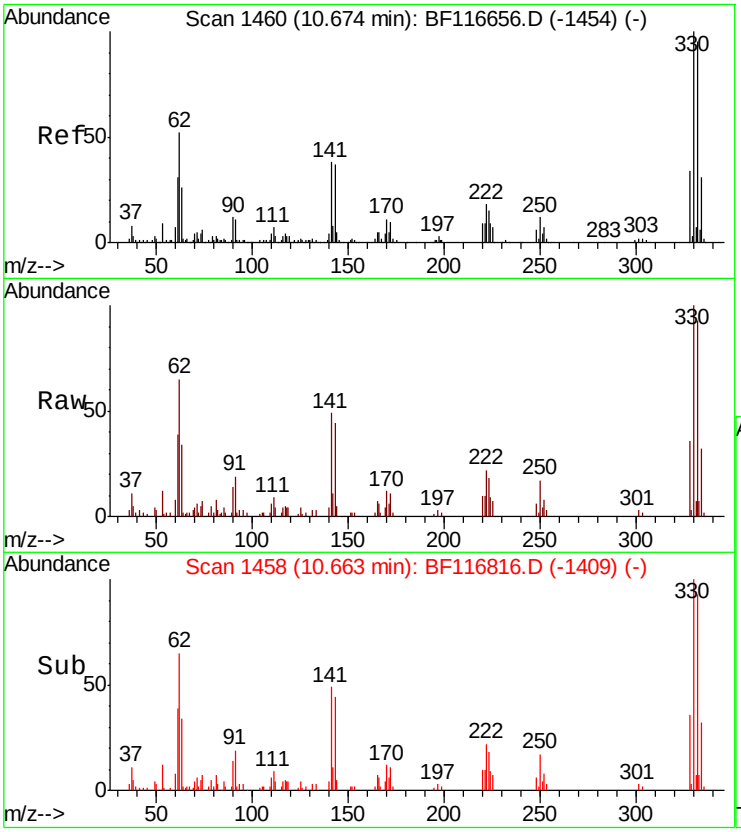


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:164 Resp: 152630

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	44.1	35.4	53.2



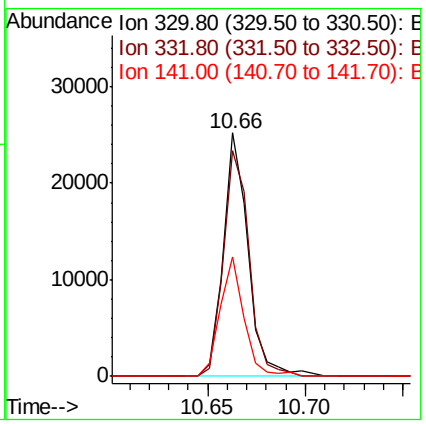


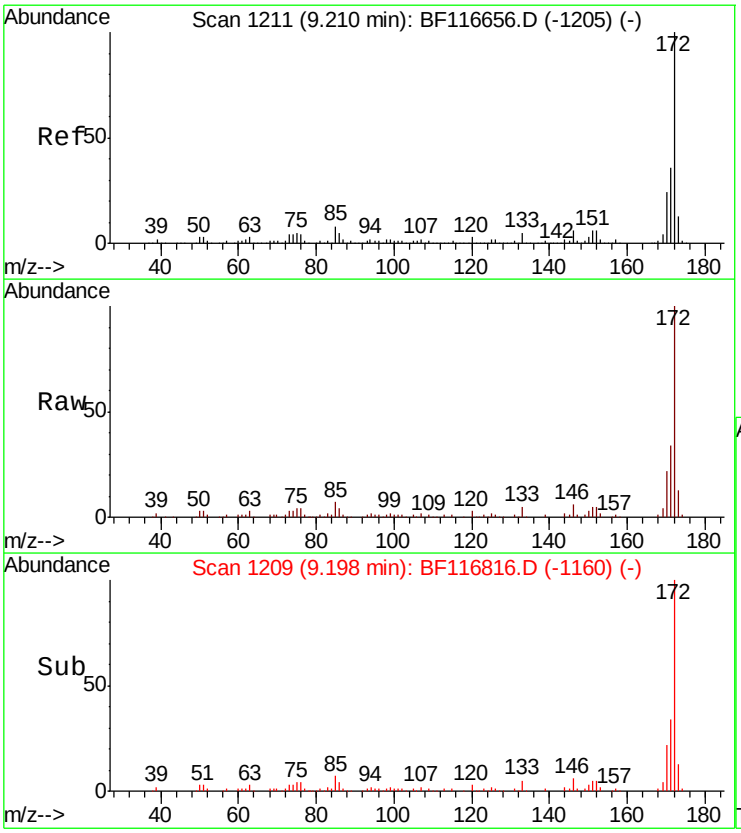
#42
2,4,6-Tribromophenol
Concen: 21.760 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tgt Ion:330 Resp: 22203

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	47.4	31.4	47.2#

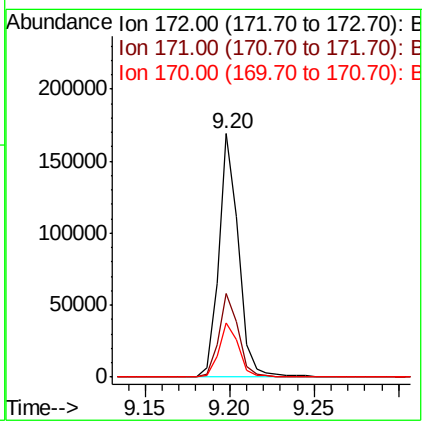


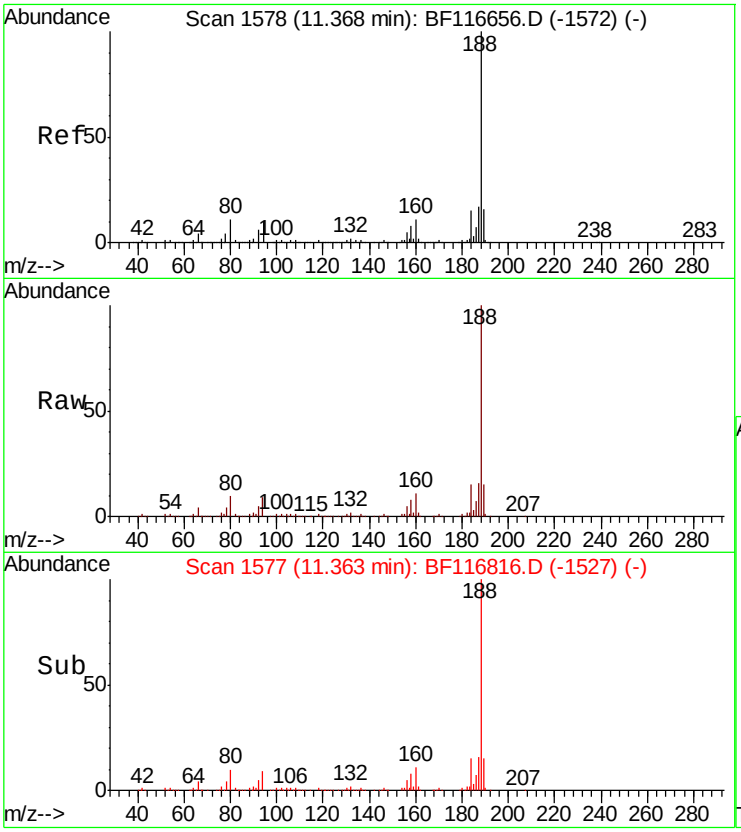


#45
2-Fluorobiphenyl
Concen: 15.187 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:172 Resp: 137415

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.2	18.9	28.3



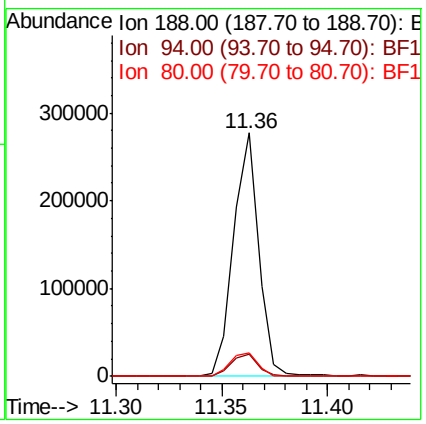


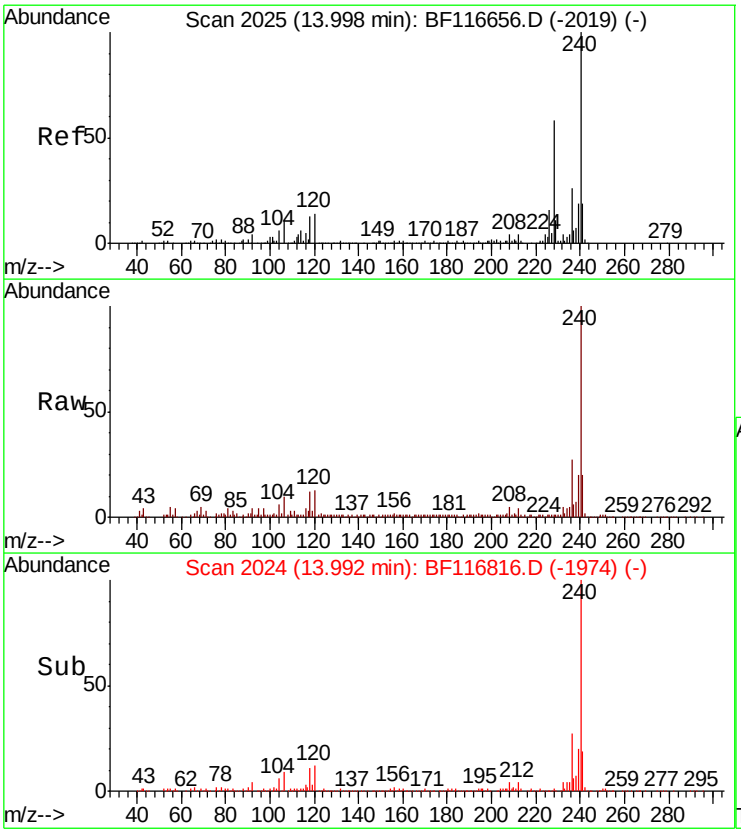
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tgt Ion:188 Resp: 227116

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.8	8.4	12.6

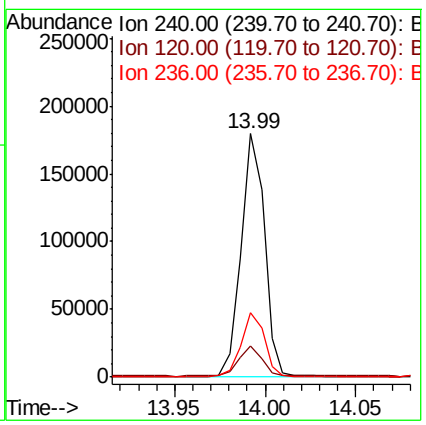


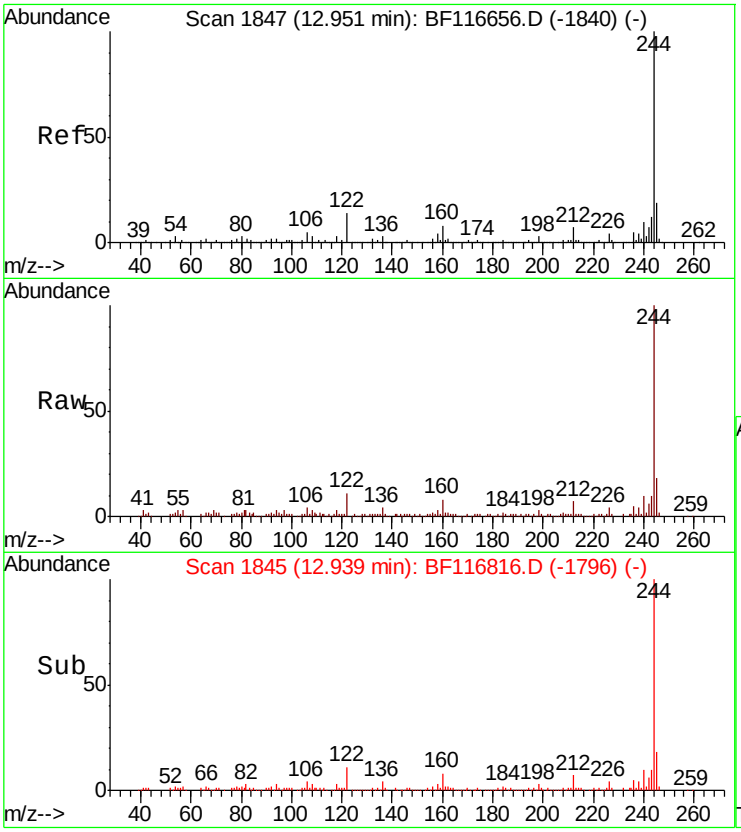


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:240 Resp: 162216

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.1	13.7
236	26.7	21.1	31.7



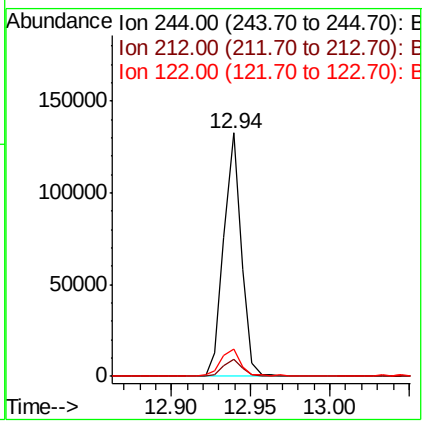


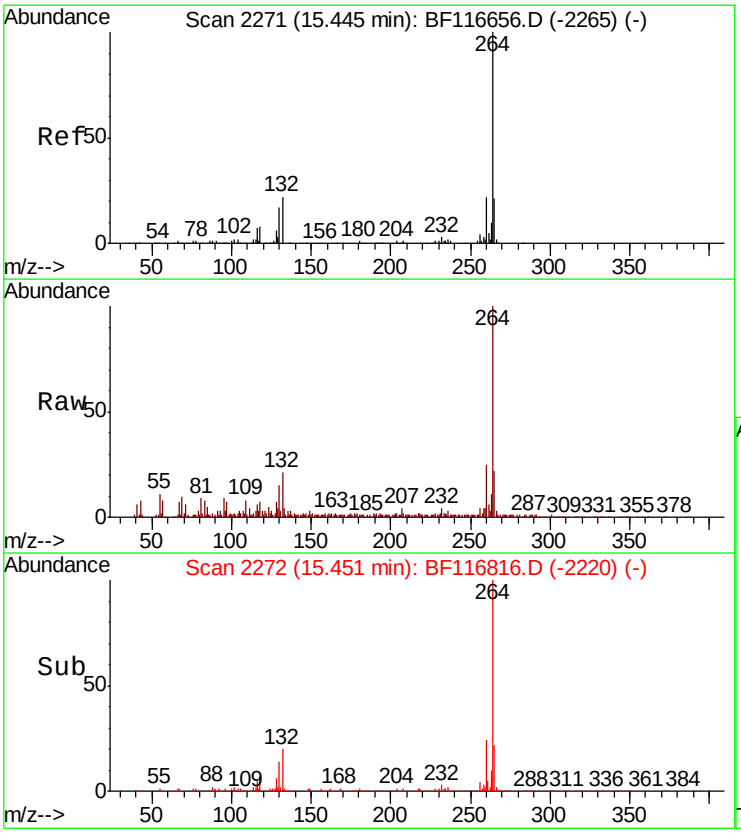
#79
Terphenyl-d14
Concen: 11.701 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tgt Ion:244 Resp: 102601

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	11.1	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:264 Resp: 150085

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.3	27.5
265	22.1	16.5	24.7