Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116770.D
Acq On : 3 Sep 2019 14:17
Operator : HP/JU
Sample : K4514-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S301A-J-4.0-4.5-082319

Quant Time: Sep 03 14:49:36 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	110809	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	427912	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	217617	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	380827	20.00	ng	0.00
76) Chrysene-d12	13.99	240	330160	20.00	ng	0.00
87) Perylene-d12	15.44	264	344529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	840702	122.91	ng	0.00
7) Phenol-d6	6.47	99	1143218	127.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	676328	90.23	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	229785	157.95	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1058089	82.02	ng	0.00
79) Terphenyl-d14	12.94	244	1085548	60.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	45600	4.585	ng	94
50) Dimethylphthalate	9.59	163	235829	15.697	ng	97

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

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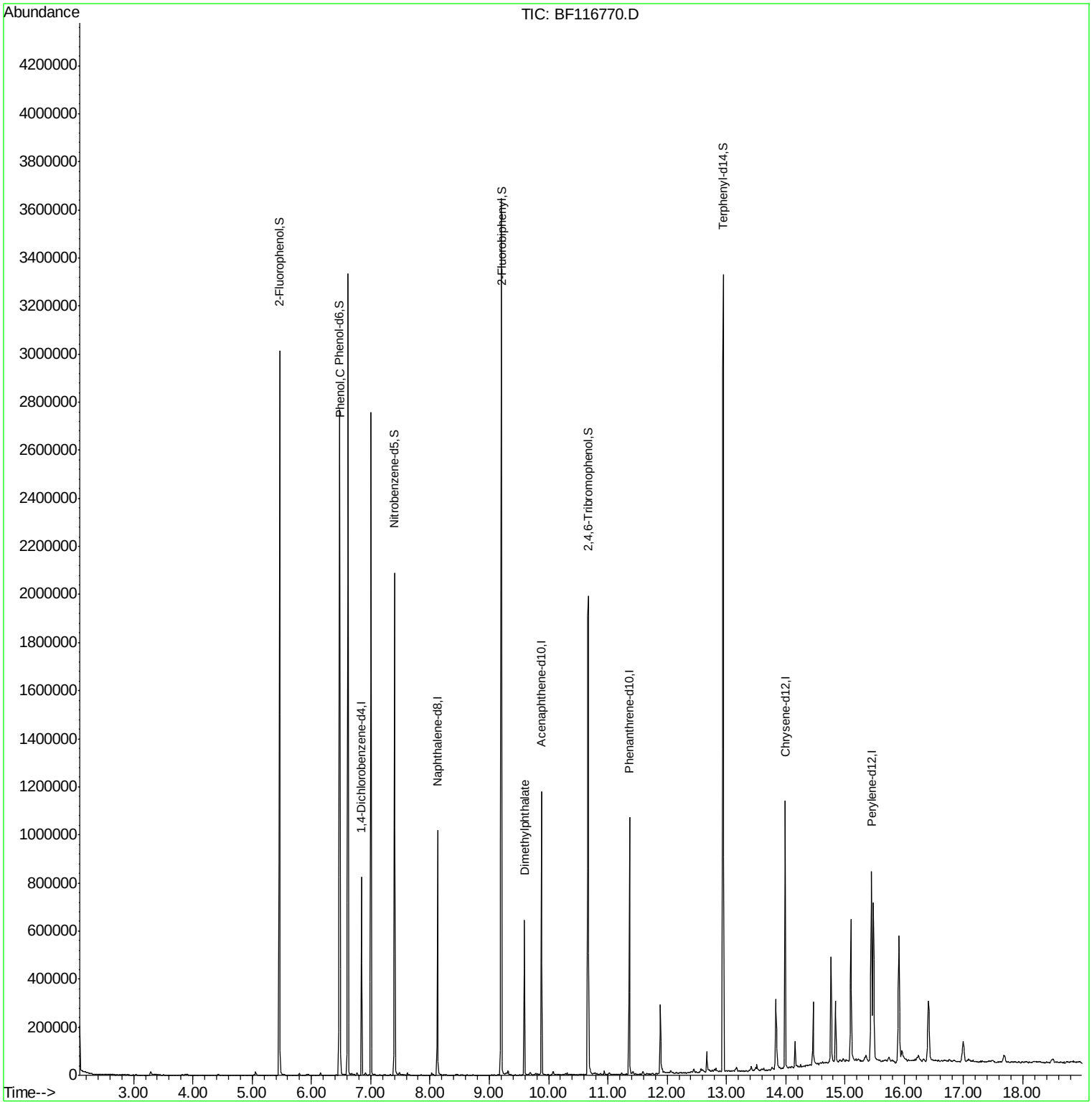
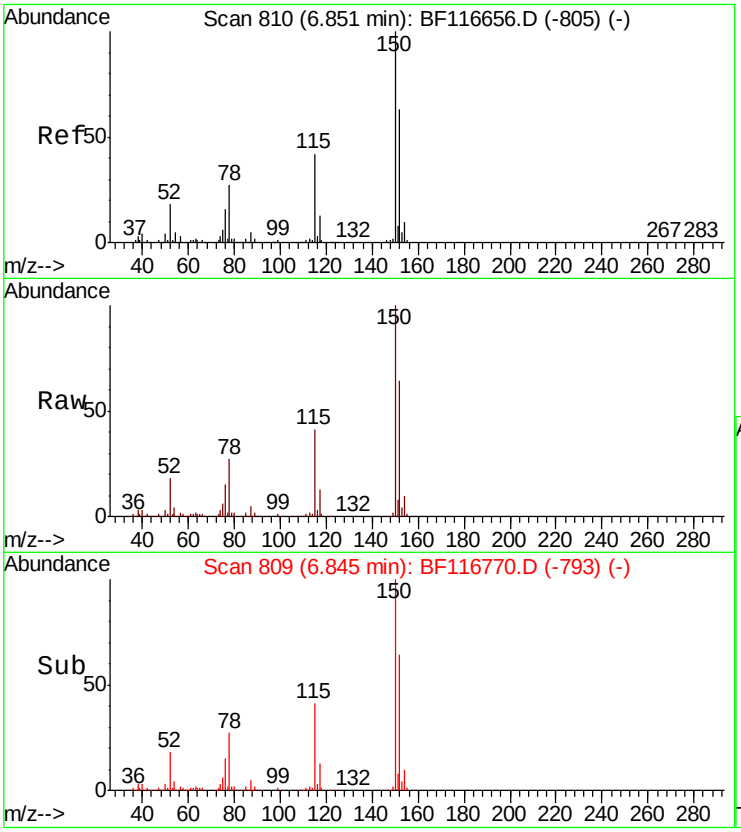


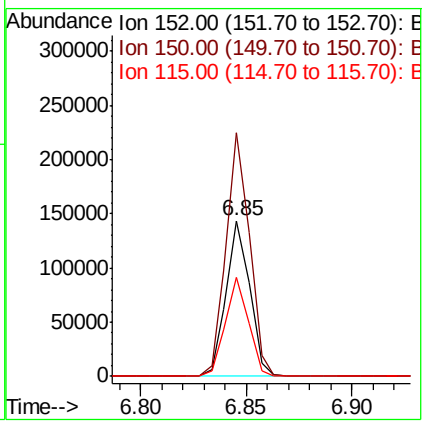


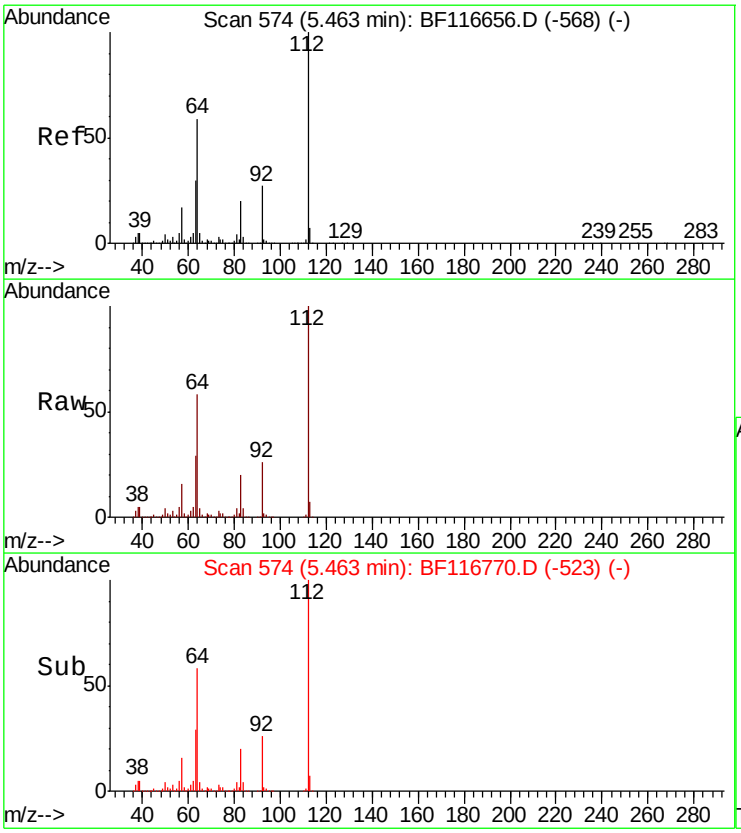
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion:152 Resp: 110809

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.4	186.6
115	63.6	49.9	74.9

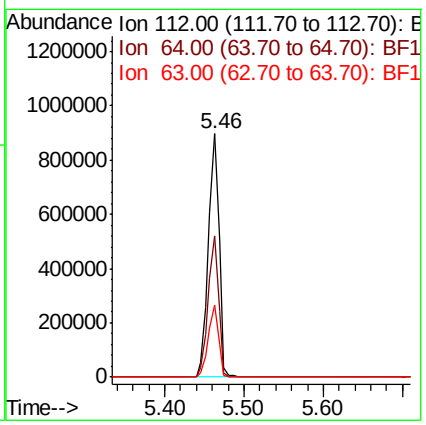


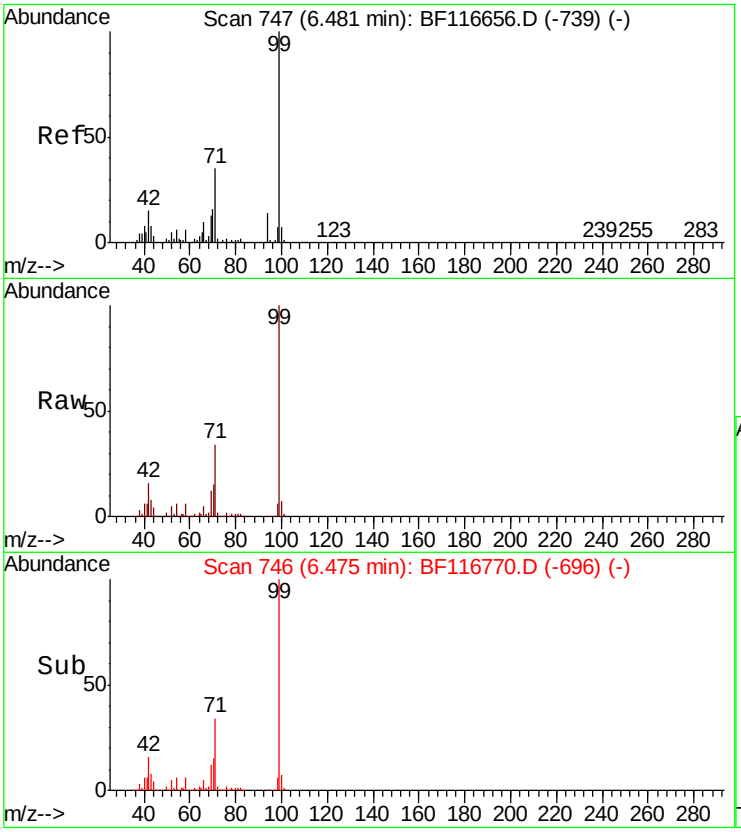


#5
2-Fluorophenol
Concen: 122.913 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:112 Resp: 840702

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.1	70.7
63	29.4	24.9	37.3



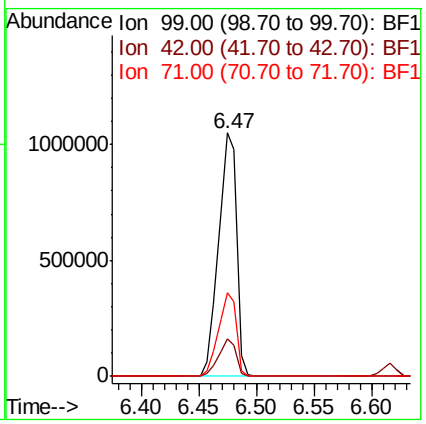


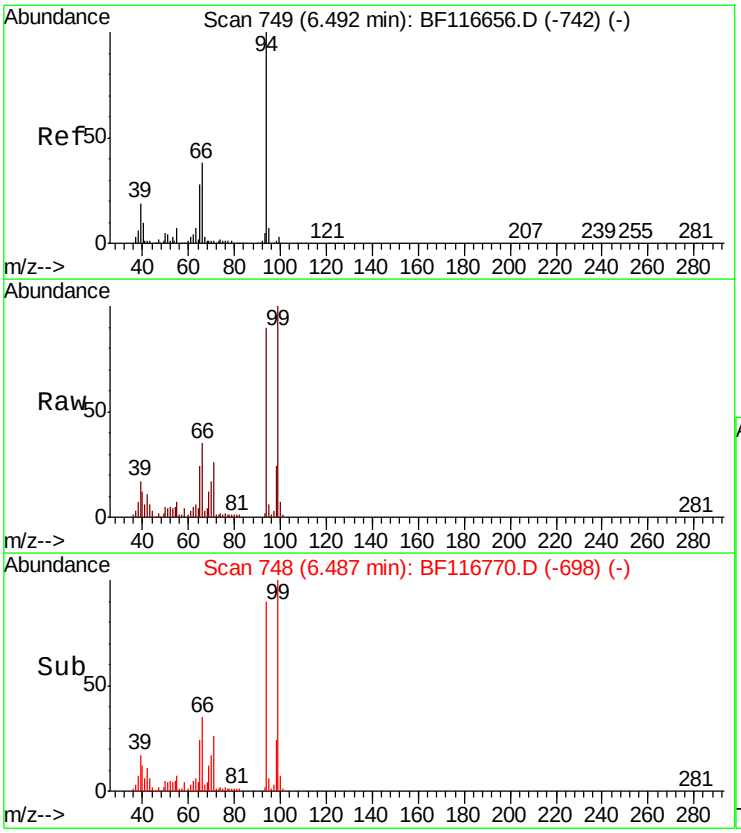
#7
Phenol-d6
Concen: 127.287 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion: 99 Resp: 1143218

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.7	20.5
71	34.3	30.8	46.2

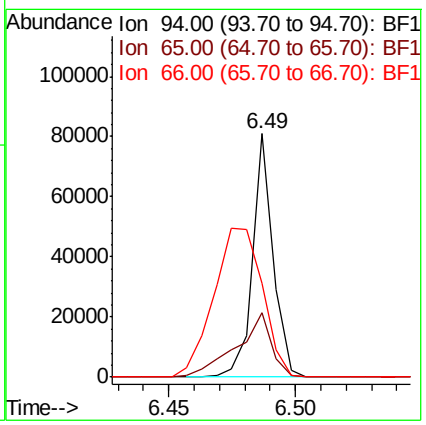


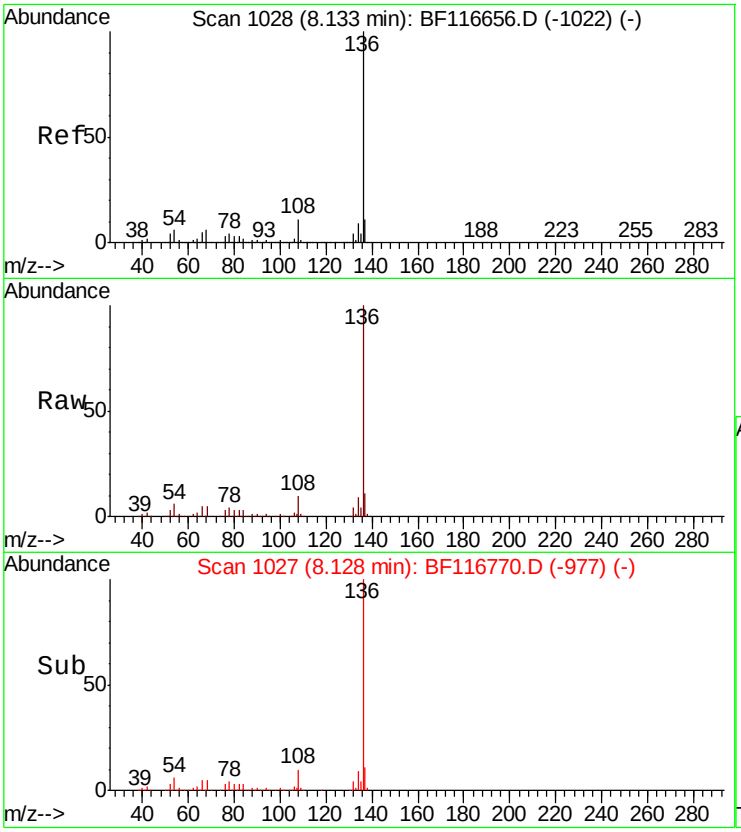


#10
Phenol
Concen: 4.585 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion: 94 Resp: 45600

Ion	Ratio	Lower	Upper
94	100		
65	26.4	10.8	50.8
66	38.8	21.1	61.1



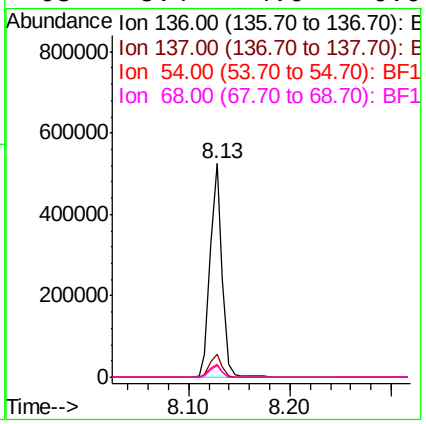


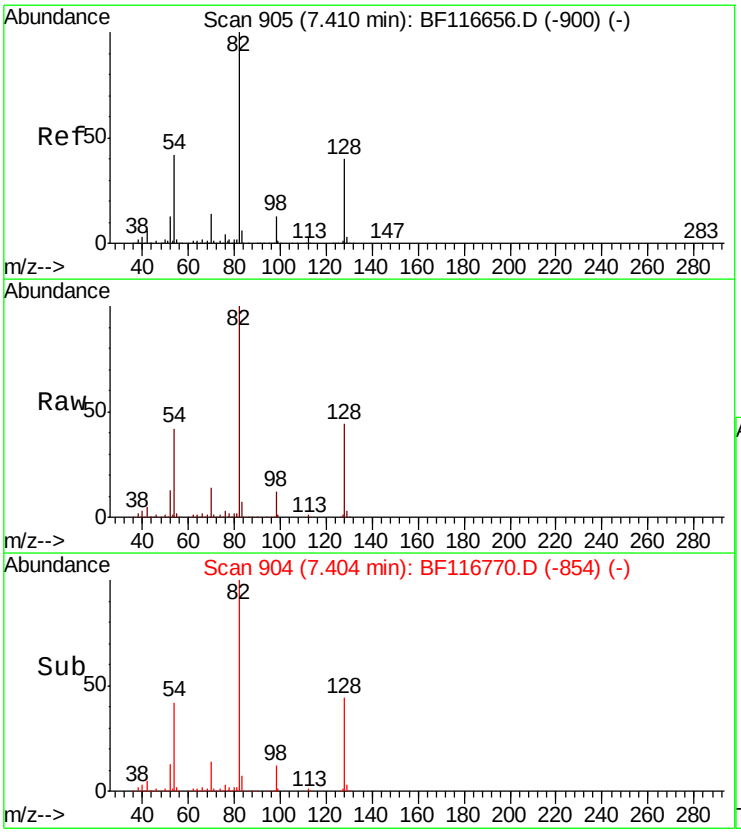
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion:136 Resp: 427912

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.8	4.8	7.2
68	5.4	4.0	6.0

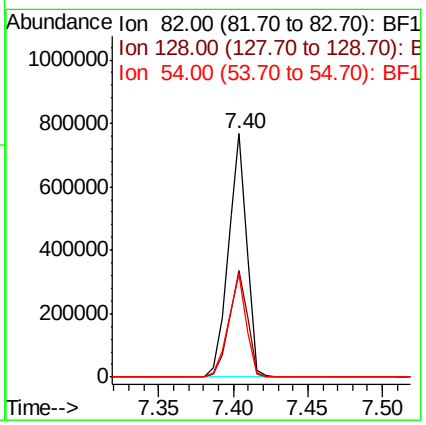


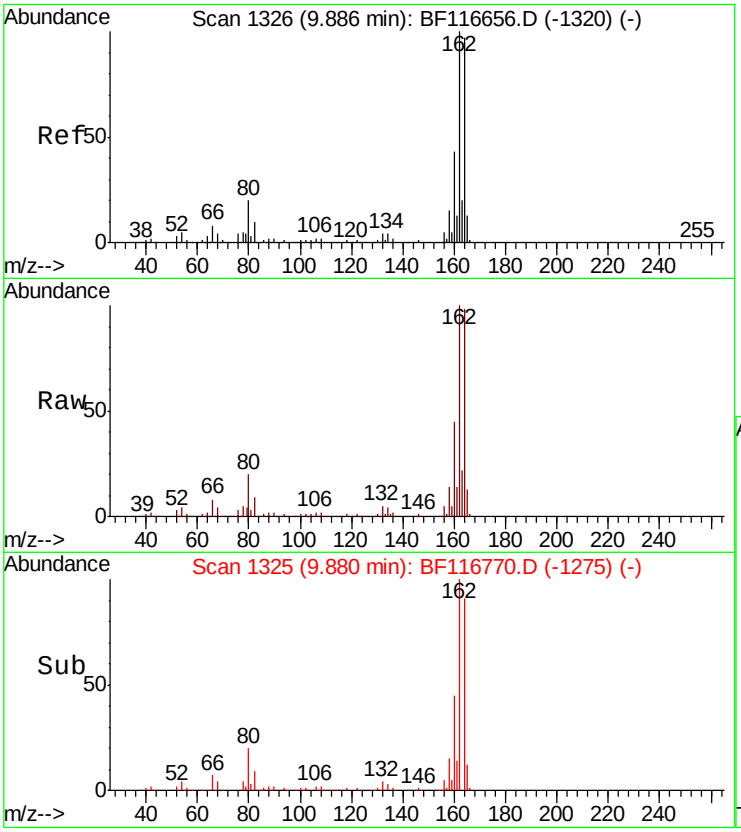


#23
Nitrobenzene-d5
Concen: 90.228 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion: 82 Resp: 676328

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	42.2	36.9	55.3



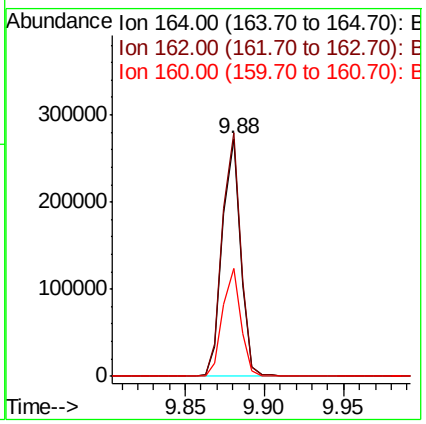


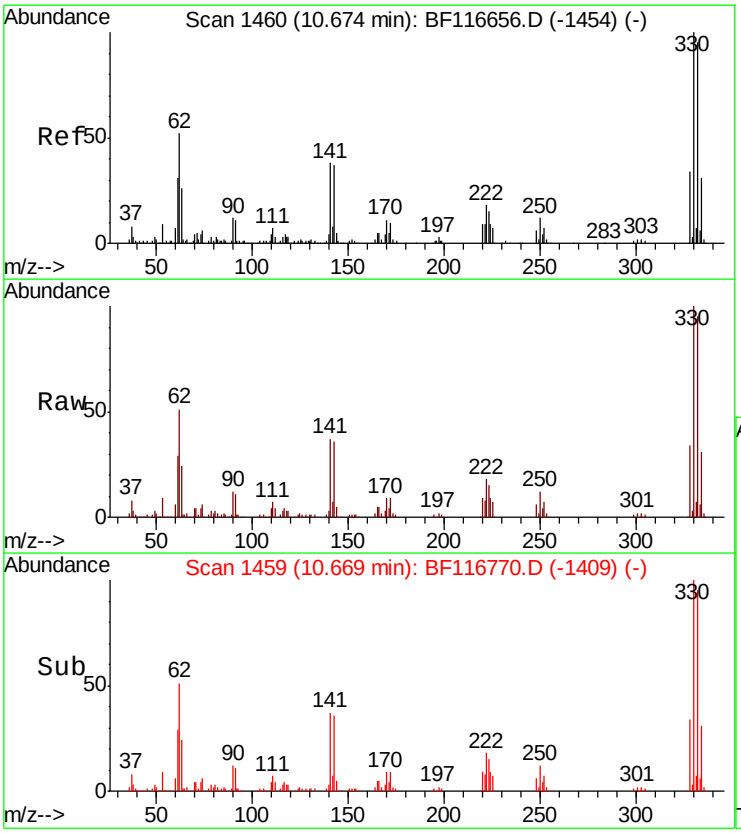
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion:164 Resp: 217617

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	45.7	35.4	53.2

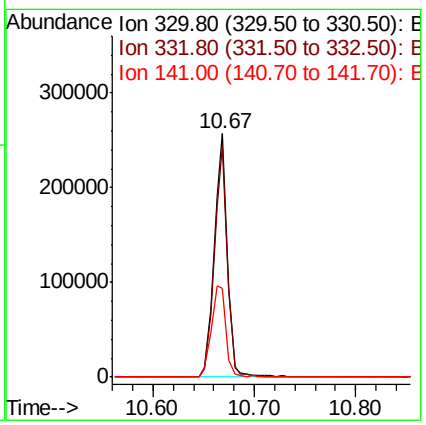


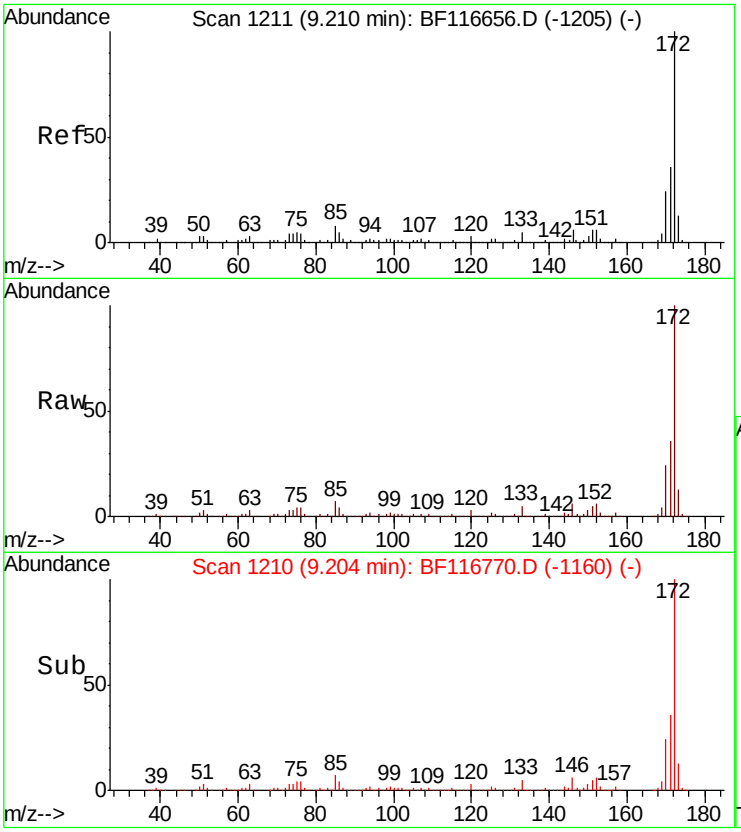


#42
2,4,6-Tribromophenol
Concen: 157.948 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:330 Resp: 229785

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	42.2	31.4	47.2



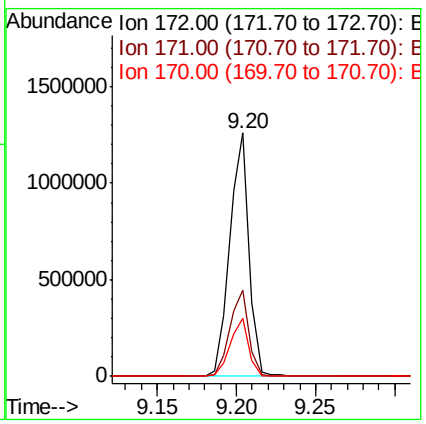


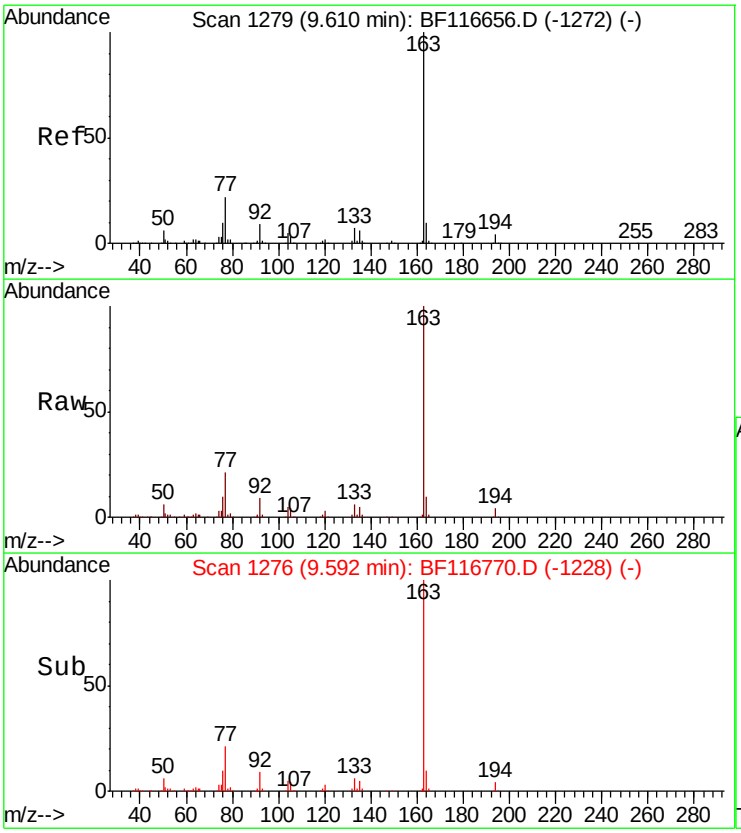
#45
2-Fluorobiphenyl
Concen: 82.020 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion:172 Resp: 1058089

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.9	18.9	28.3

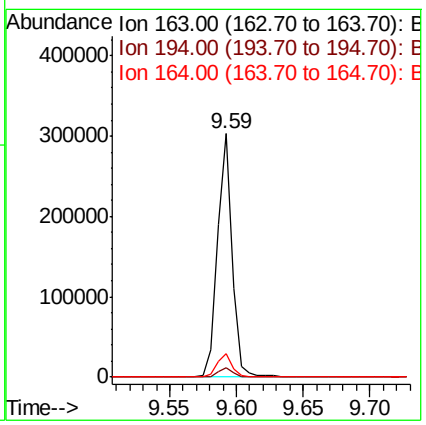


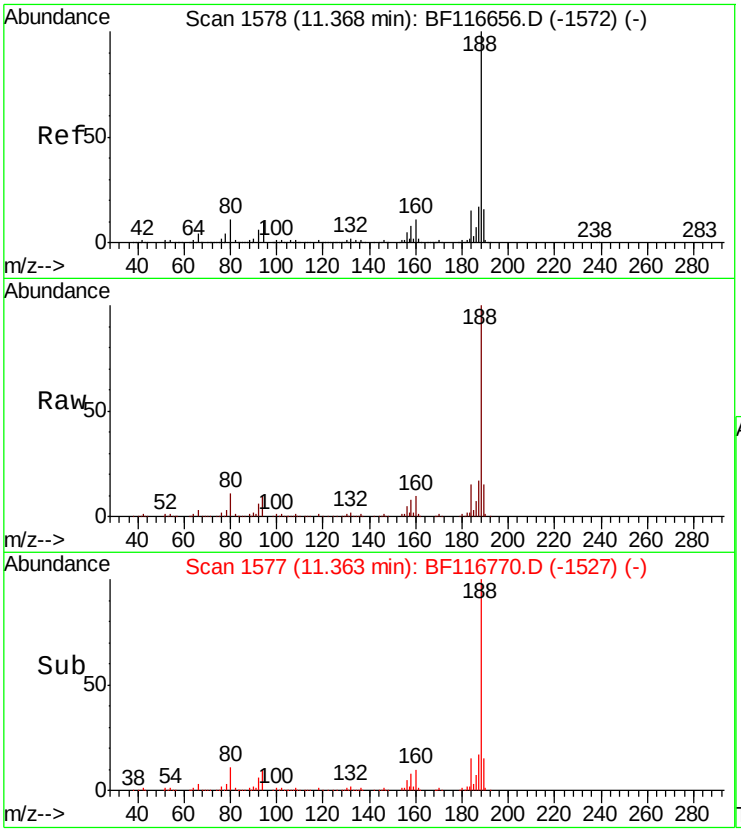


#50
Dimethylphthalate
Concen: 15.697 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:163 Resp: 235829

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.5	8.6	12.8



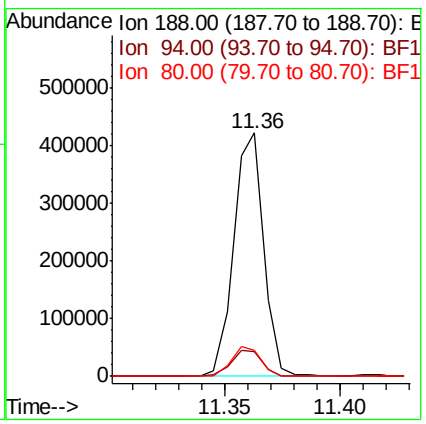


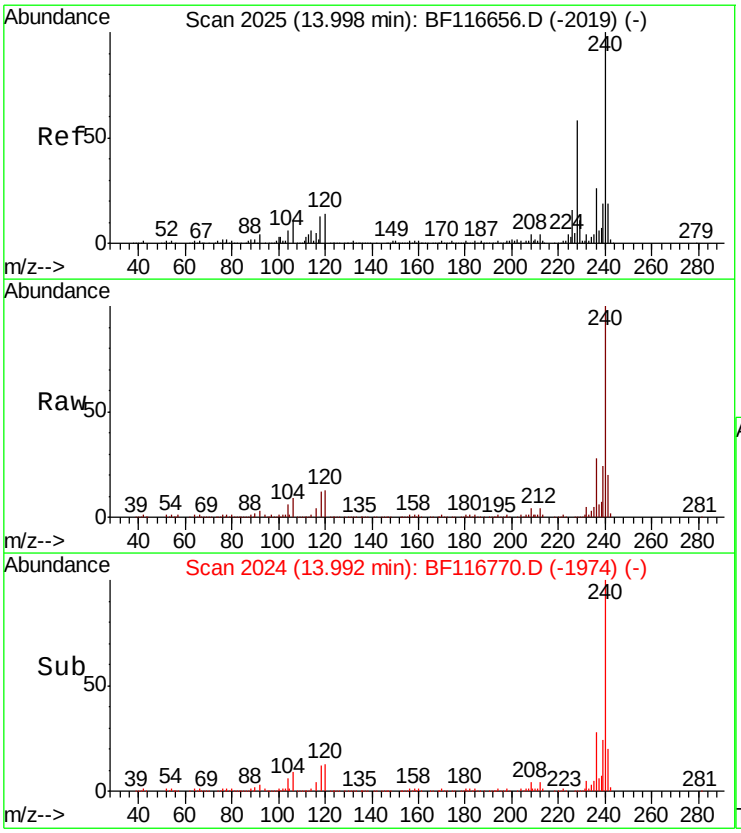
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion:188 Resp: 380827

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.3	10.9
80	10.7	8.4	12.6

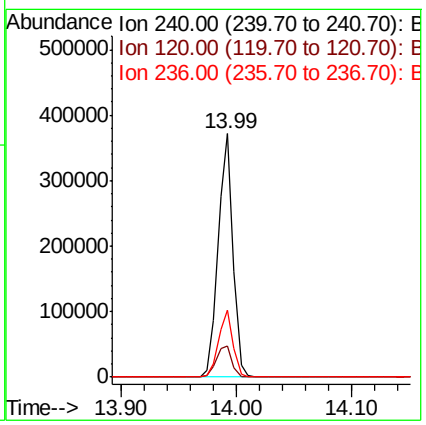


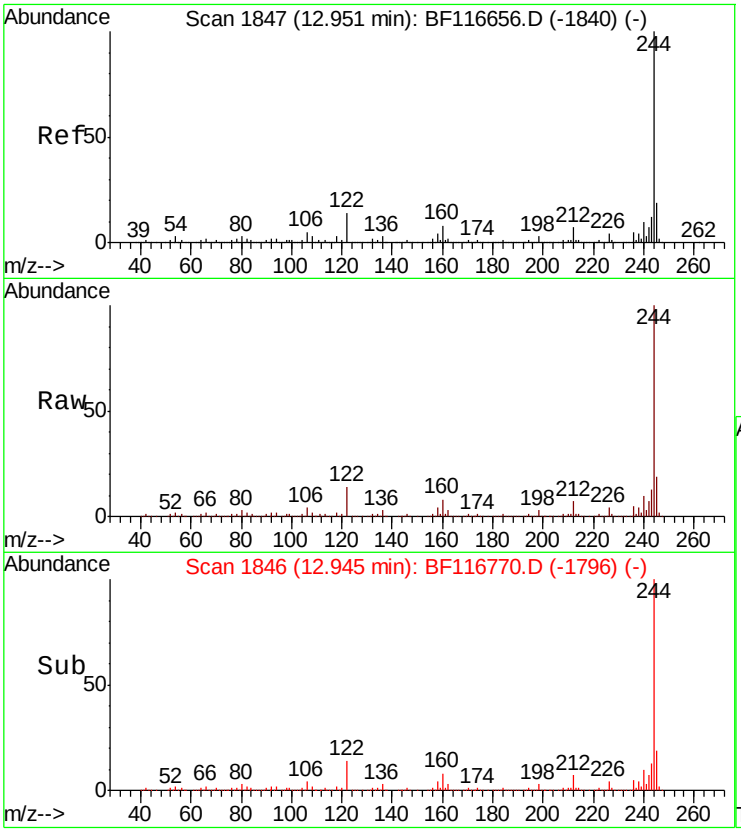


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:240 Resp: 330160

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.1	13.7
236	27.6	21.1	31.7



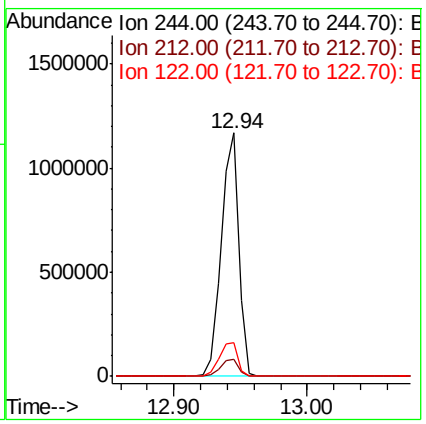


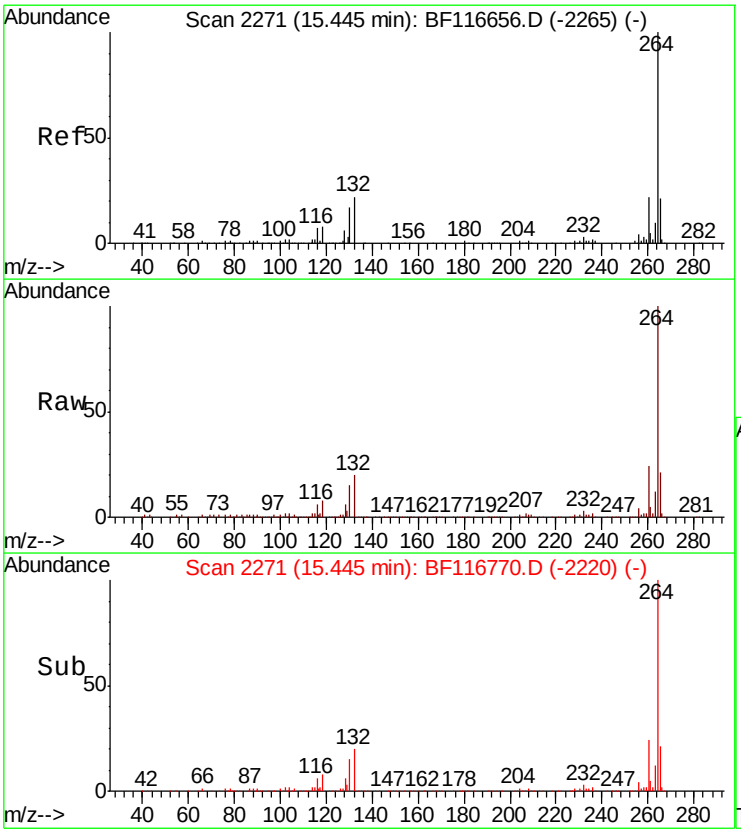
#79
Terphenyl-d14
Concen: 60.825 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Instrument :
BNA_F
ClientSampleId :
S301A-J-4.0-4.5-082319

Tgt Ion:244 Resp: 1085548

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	13.6	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116770.D
Acq: 3 Sep 2019 14:17

Tgt Ion:264 Resp: 344529

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.0	16.5	24.7