Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110372.D
Acq On : 1 Nov 2018 16:50
Operator : JU/SJ
Sample : J5741-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Time: Nov 02 04:26:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83097	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	339930	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	160933	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	285102	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150728	20.00	ng	0.00
87) Perylene-d12	15.66	264	160887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	656460	128.65	ng	0.01
7) Phenol-d6	6.59	99	971177	148.80	ng	0.00
23) Nitrobenzene-d5	7.52	82	647031	112.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	297922	186.88	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1322334	129.02	ng	0.00
79) Terphenyl-d14	13.07	244	1111421	153.35	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.59	94	29005	4.157	ng	82
50) Dimethylphthalate	9.70	163	126795	10.673	ng	98

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

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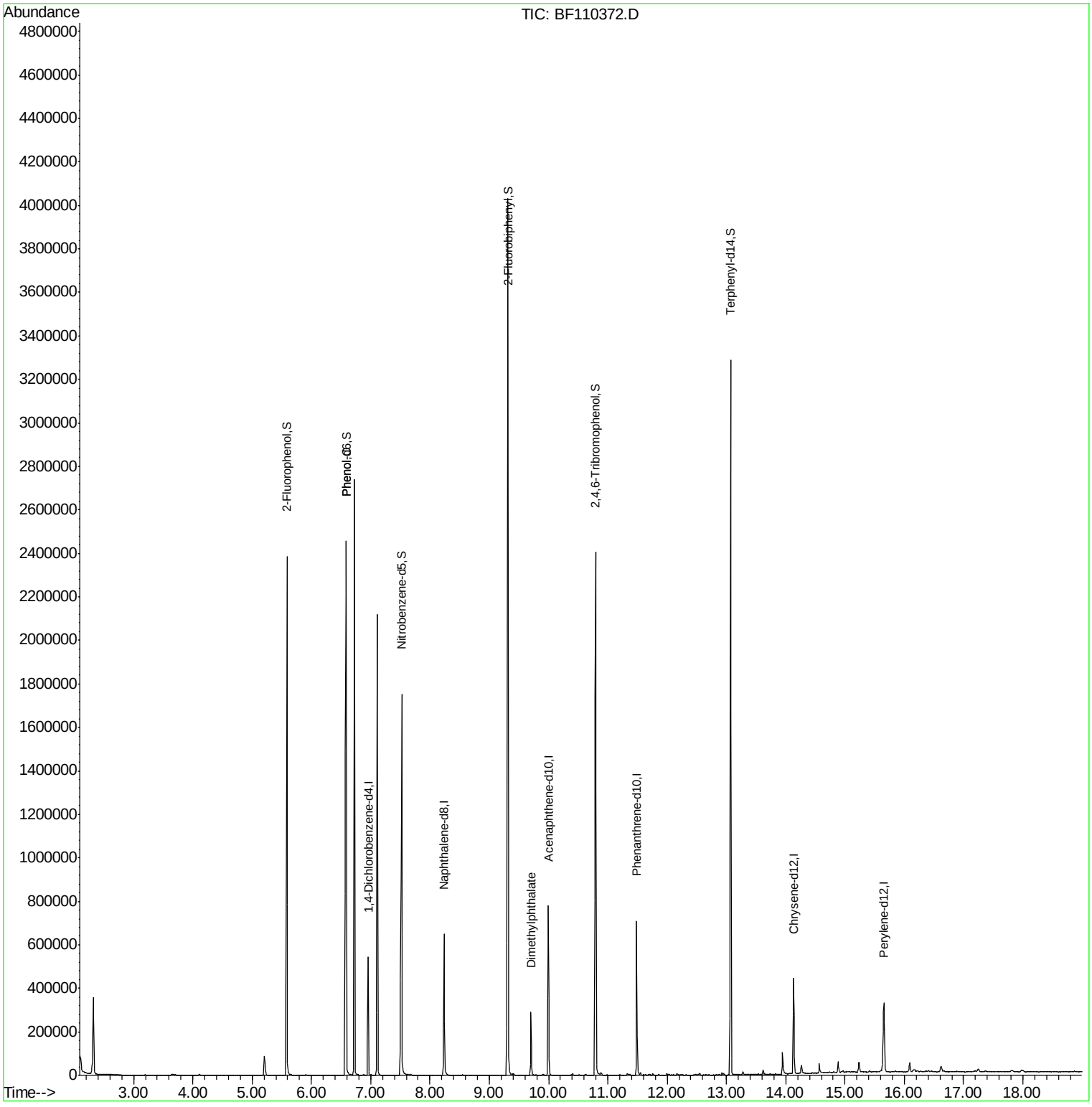
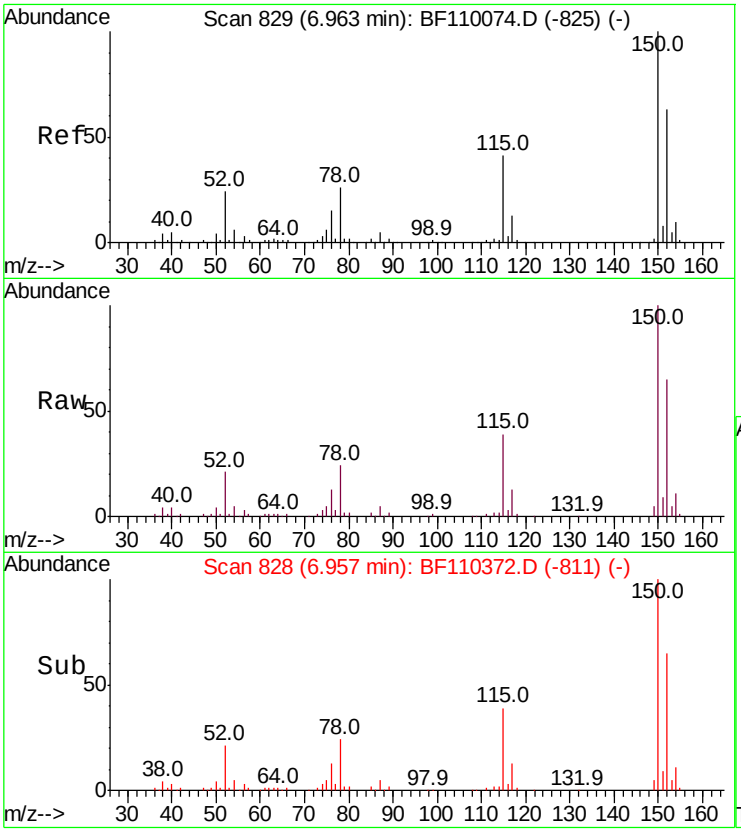


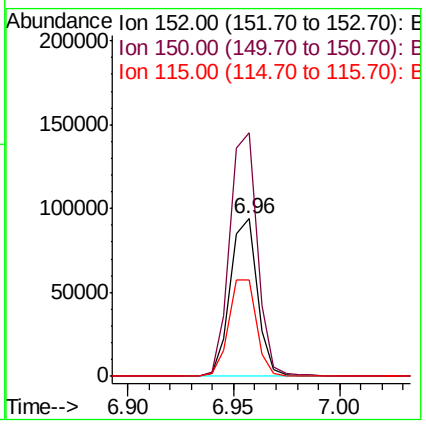


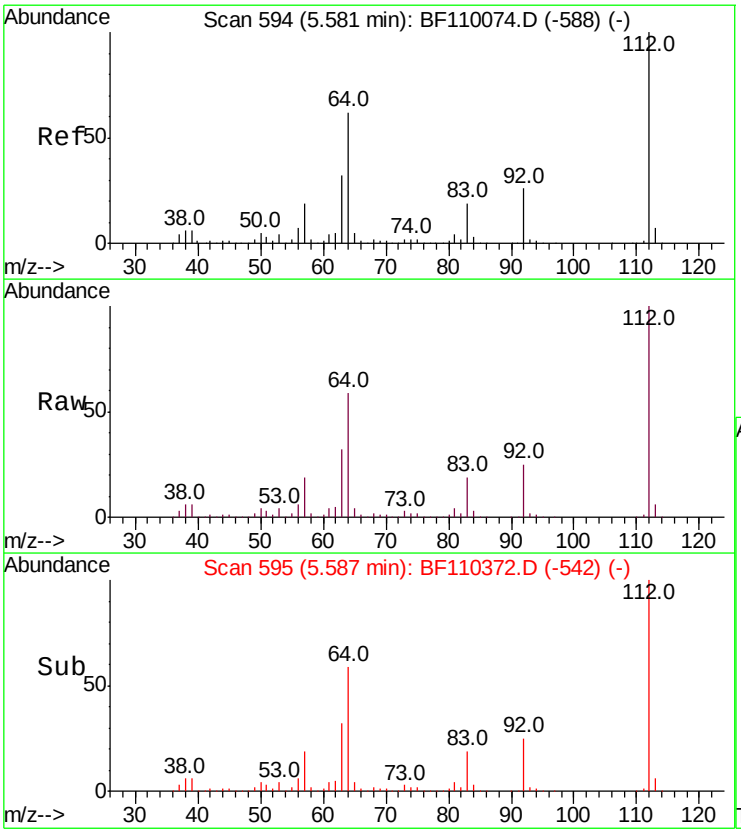
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 83097

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	60.9	49.1	73.7

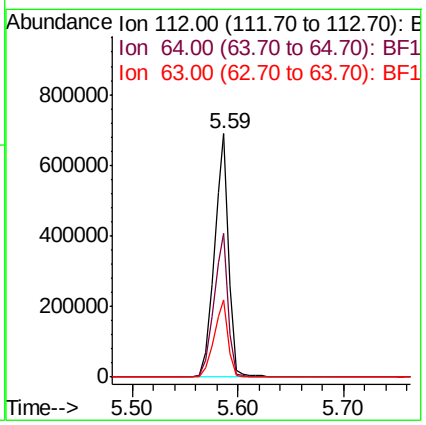


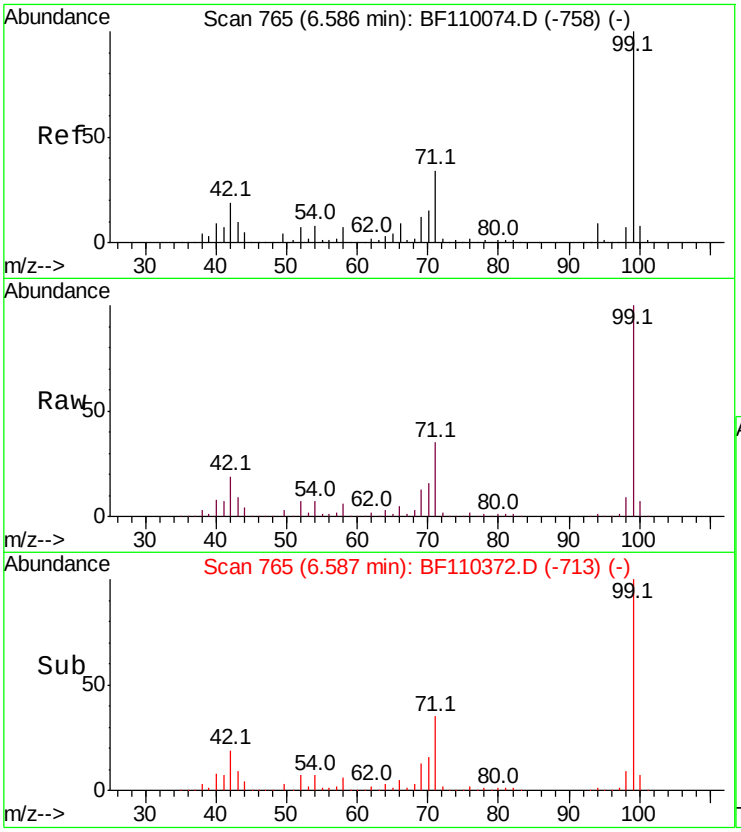


#5
2-Fluorophenol
Concen: 128.646 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion:112 Resp: 656460

Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.6	23.7	35.5



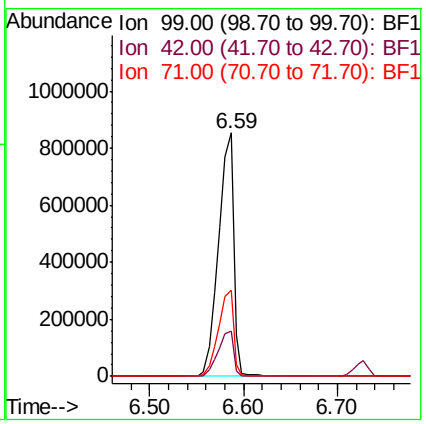


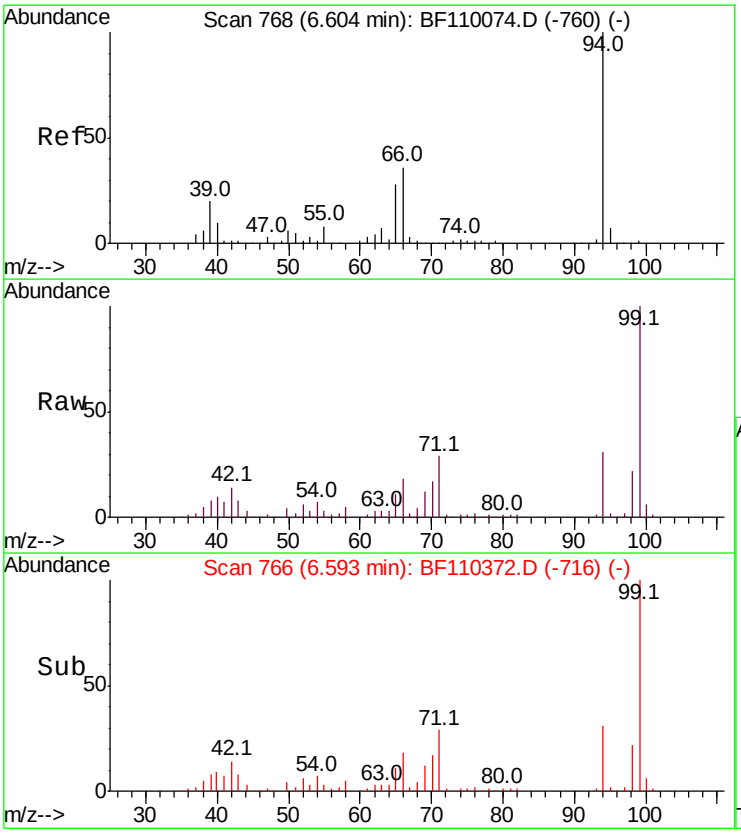
#7
Phenol-d6
Concen: 148.796 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 971177

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.8	23.6
71	35.5	28.0	42.0

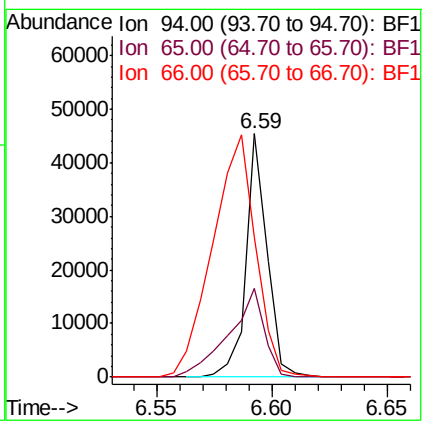


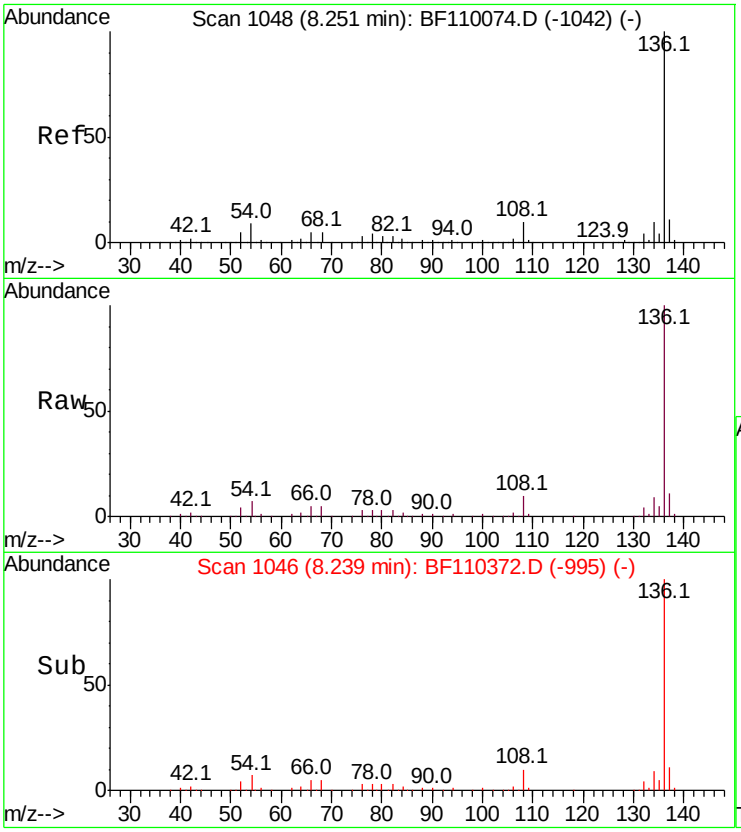


#10
Phenol
Concen: 4.157 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion: 94 Resp: 29005

Ion	Ratio	Lower	Upper
94	100		
65	36.5	25.3	65.3
66	57.4	54.5	94.5



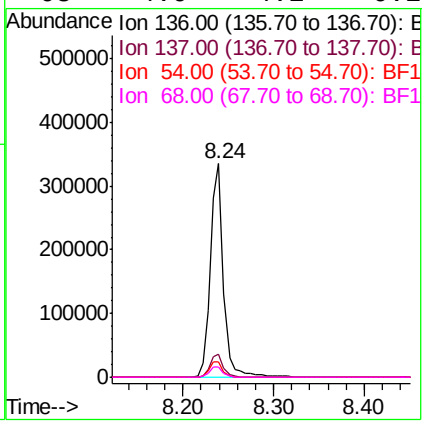


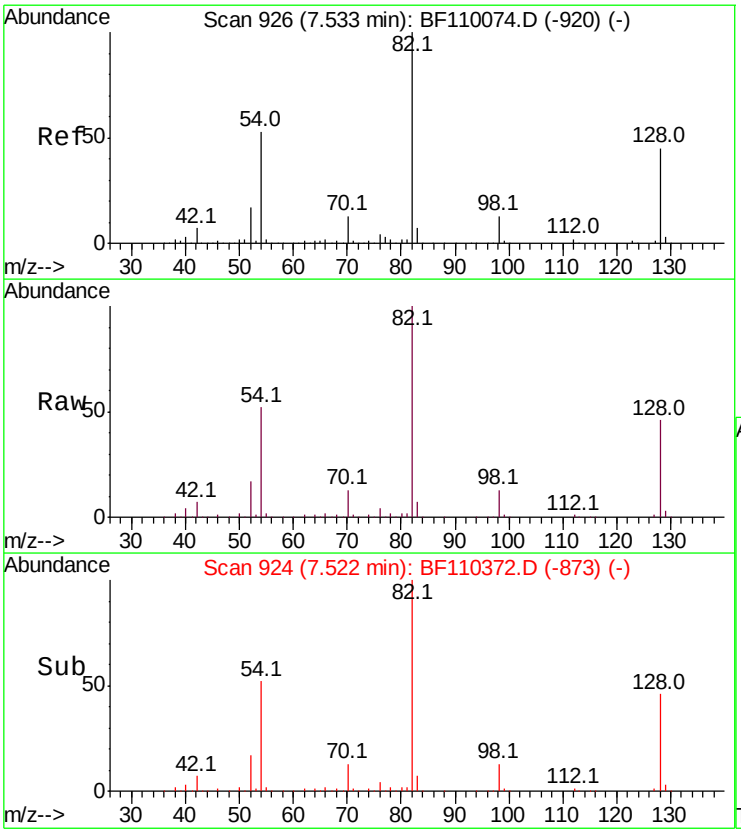
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 339930

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2

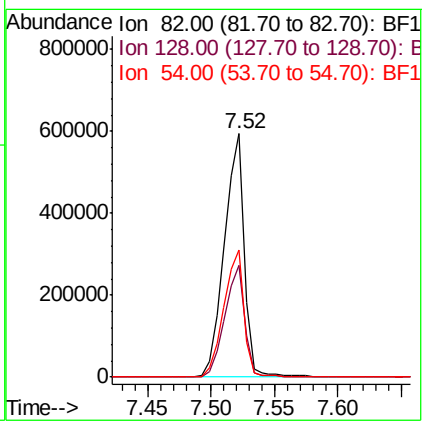


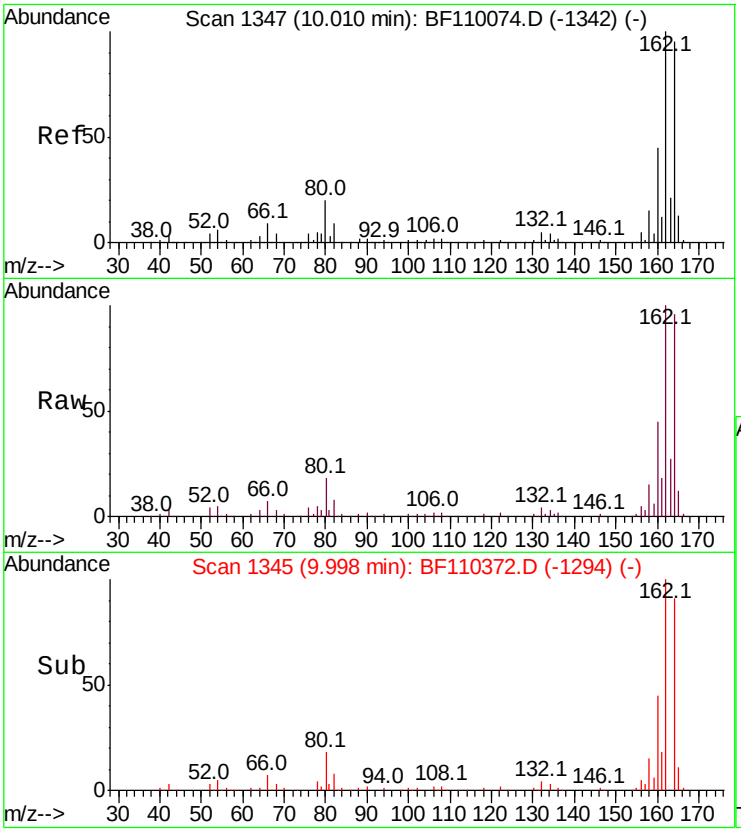


#23
Nitrobenzene-d5
Concen: 112.898 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion: 82 Resp: 647031

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	52.1	38.6	58.0



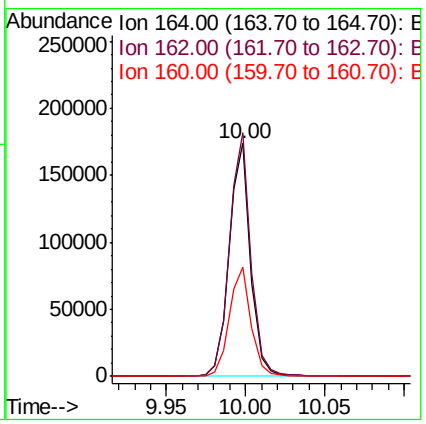


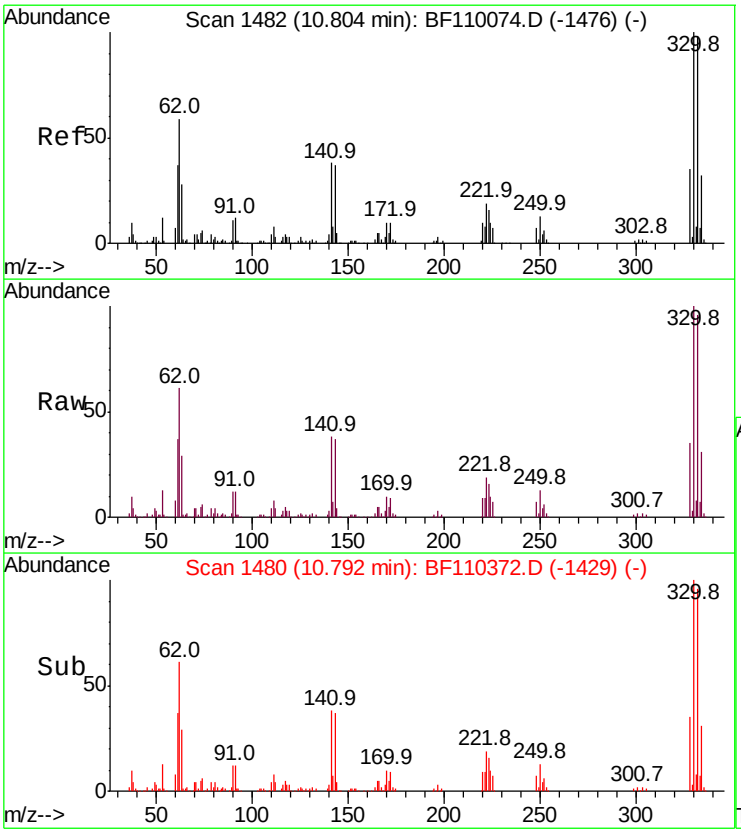
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 160933

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	46.8	37.0	55.6

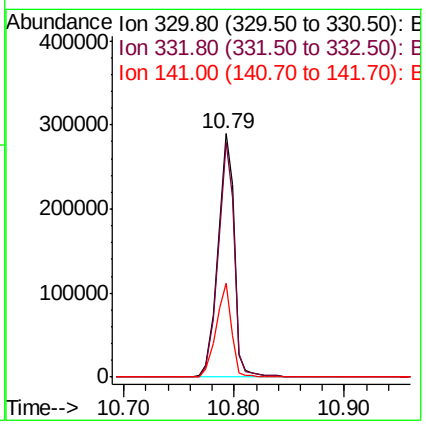


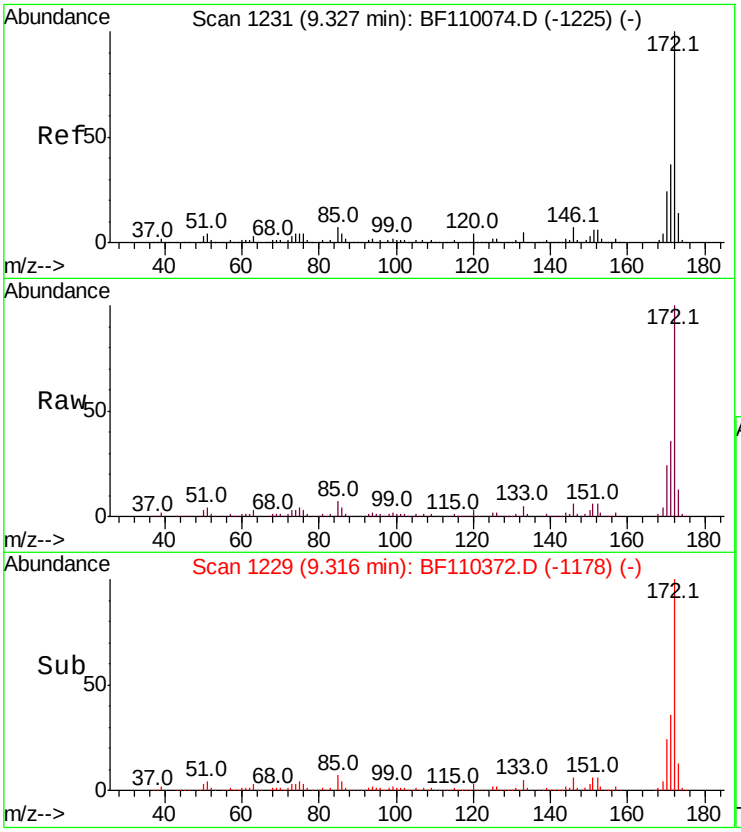


#42
2,4,6-Tribromophenol
Concen: 186.885 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion:330 Resp: 297922

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	36.7	27.0	40.4



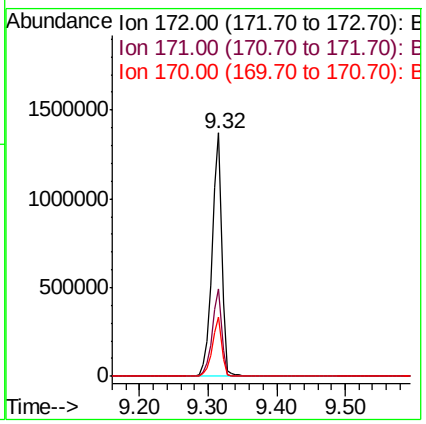


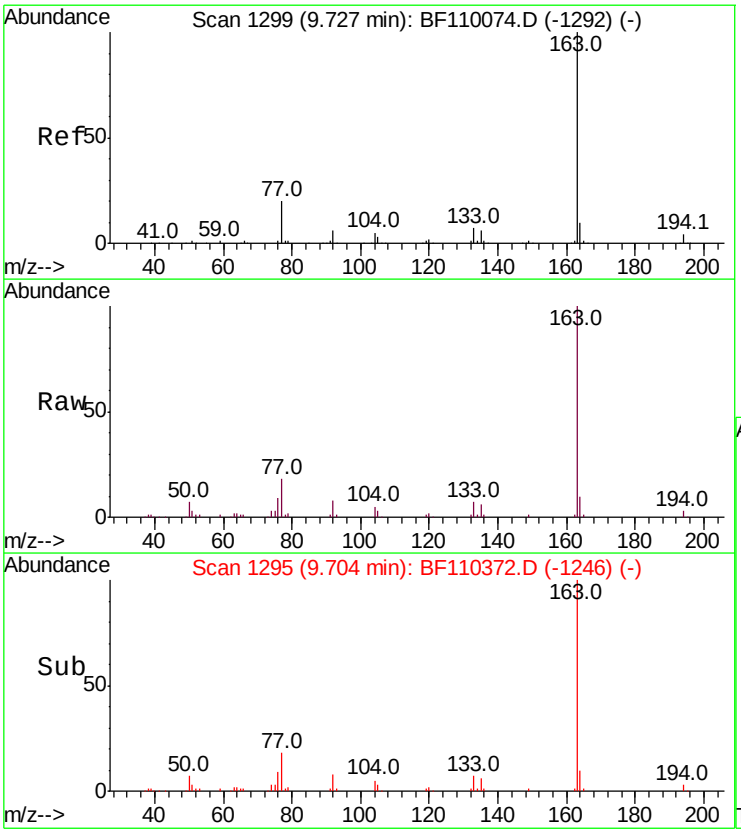
#45
2-Fluorobiphenyl
Concen: 129.023 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 1322334

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.2	19.7	29.5

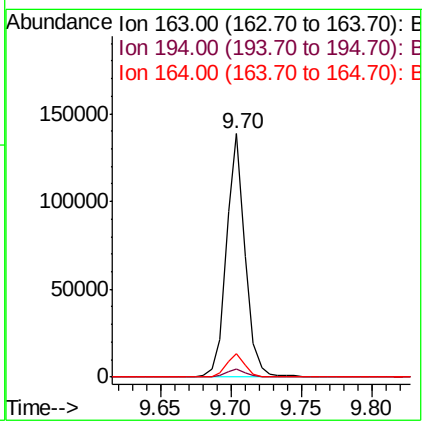


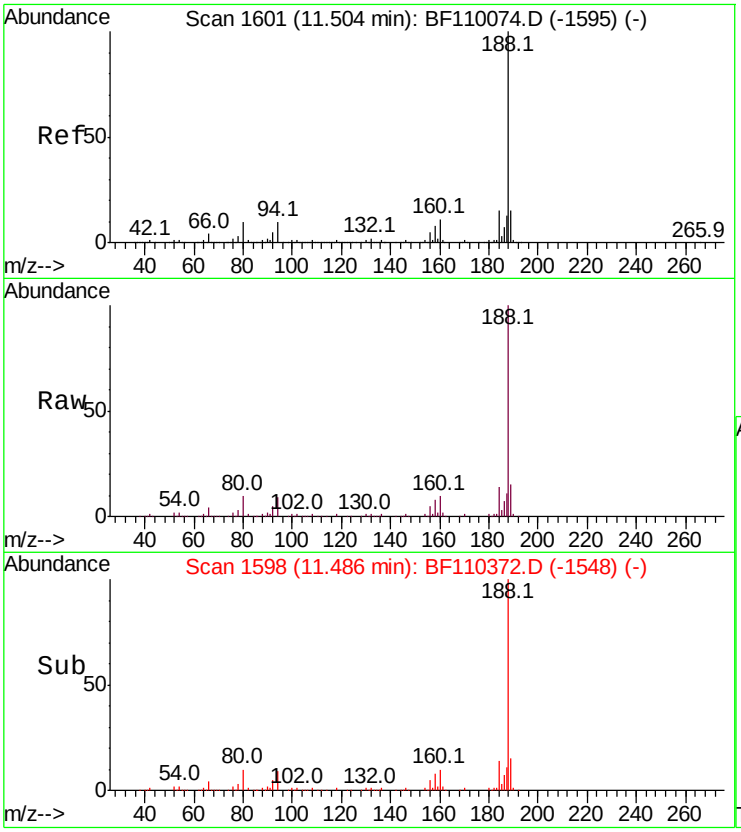


#50
Dimethylphthalate
Concen: 10.673 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion:163 Resp: 126795

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1



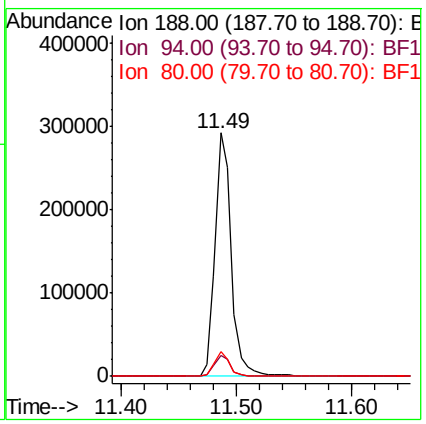


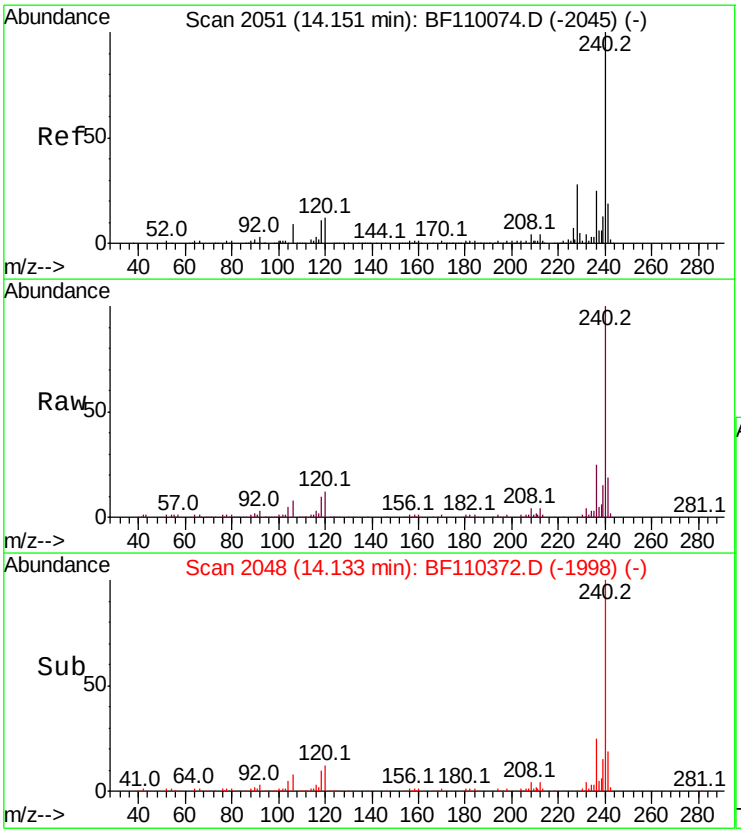
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 285102

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.2	7.9	11.9

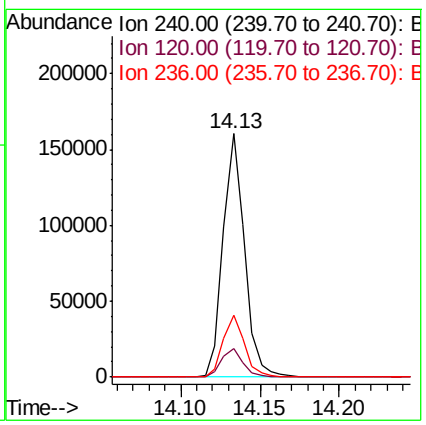


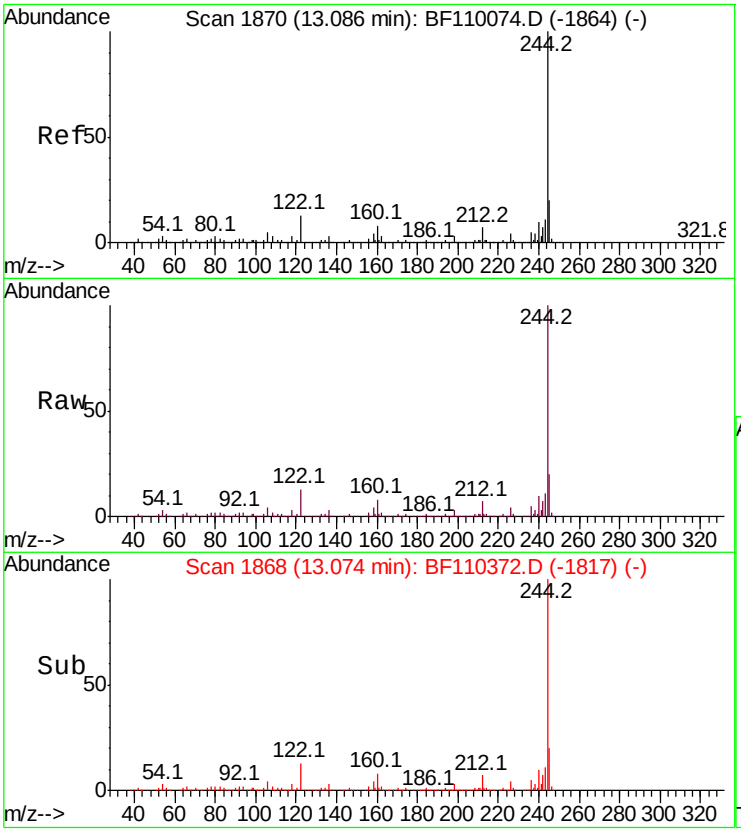


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion:240 Resp: 150728

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.3	21.2	31.8



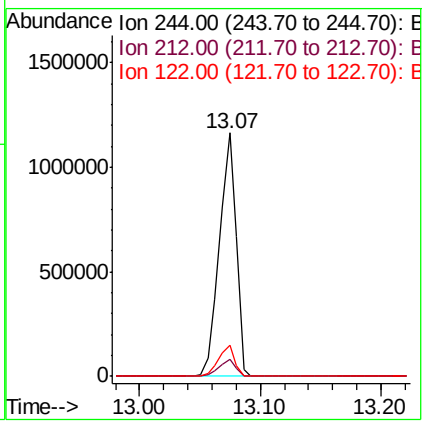


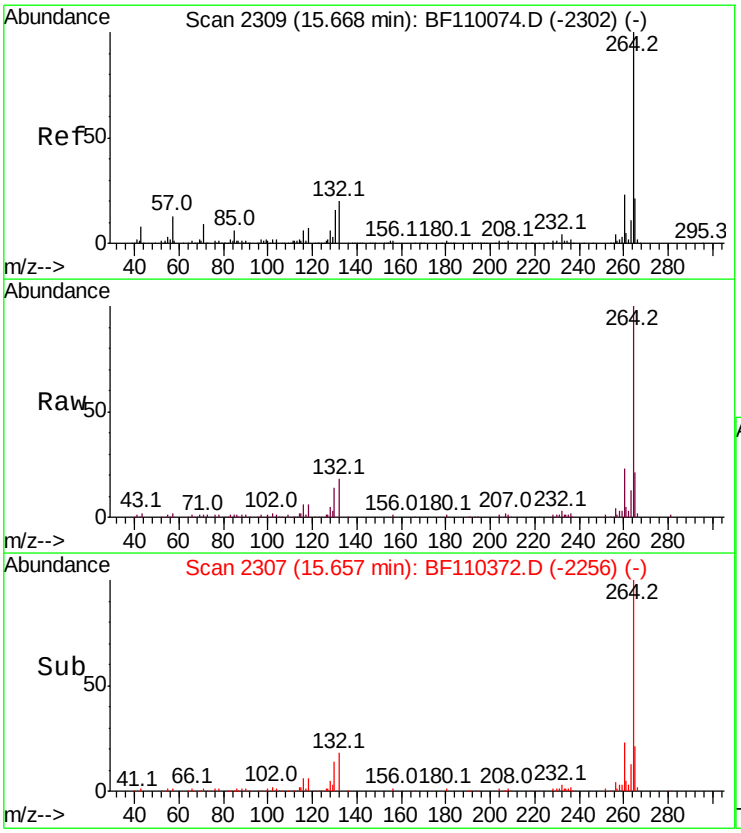
#79
Terphenyl-d14
Concen: 153.351 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1111421

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110372.D
Acq: 1 Nov 2018 16:50

Tgt Ion:264 Resp: 160887

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.1	16.7	25.1