Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110374.D
Acq On : 1 Nov 2018 18:18
Operator : JU/SJ
Sample : PB114382BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114382BL

Quant Time: Nov 02 04:31:22 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	82425	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	338816	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	158731	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	289514	20.00	ng	0.00
76) Chrysene-d12	14.13	240	158617	20.00	ng	0.00
87) Perylene-d12	15.66	264	164606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	682433	134.83	ng	0.01
7) Phenol-d6	6.58	99	862508	133.22	ng	0.00
23) Nitrobenzene-d5	7.52	82	551271	96.51	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	199405	126.82	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1051495	104.02	ng	0.00
79) Terphenyl-d14	13.07	244	839315	110.05	ng	0.00
Target Compounds						Qvalue

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

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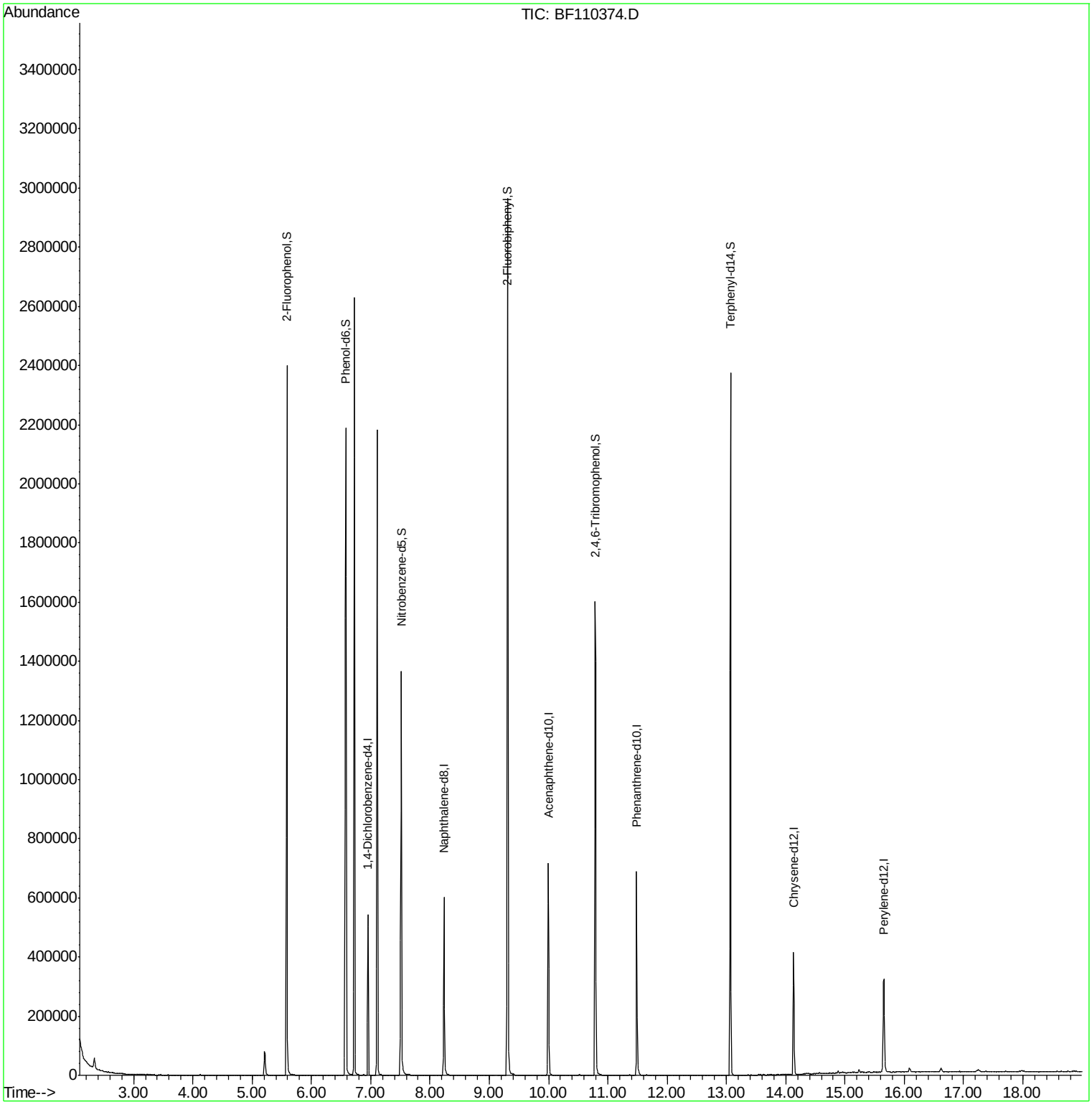
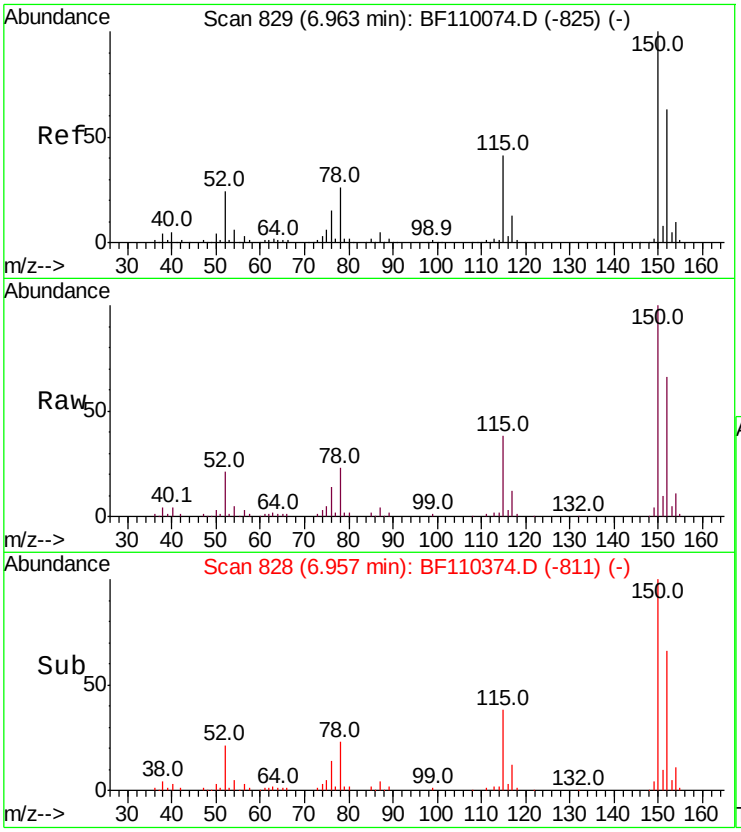


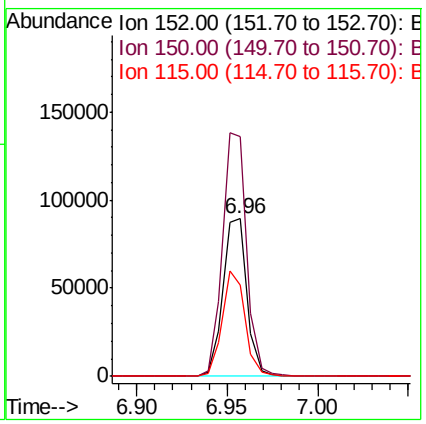


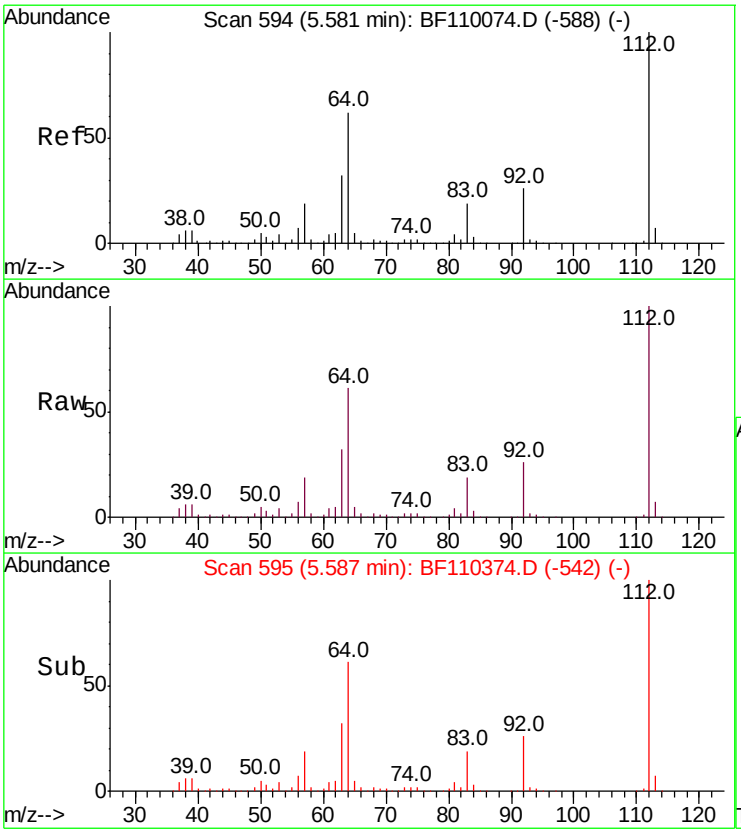
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :
PB114382BL

Tgt Ion:152 Resp: 82425

Ion	Ratio	Lower	Upper
152	100		
150	152.2	122.7	184.1
115	57.9	49.1	73.7

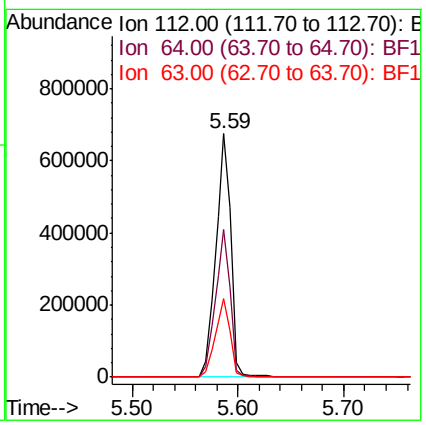


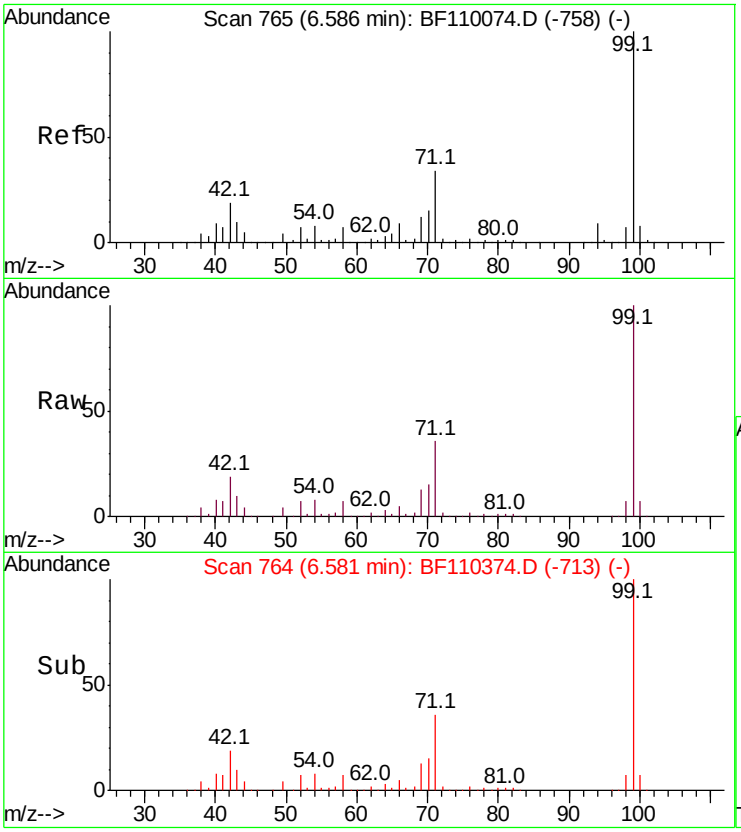


#5
2-Fluorophenol
Concen: 134.827 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:112 Resp: 682433

Ion	Ratio	Lower	Upper
112	100		
64	60.8	44.1	66.1
63	32.3	23.7	35.5



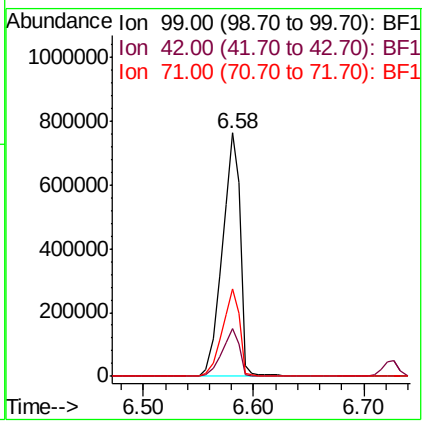


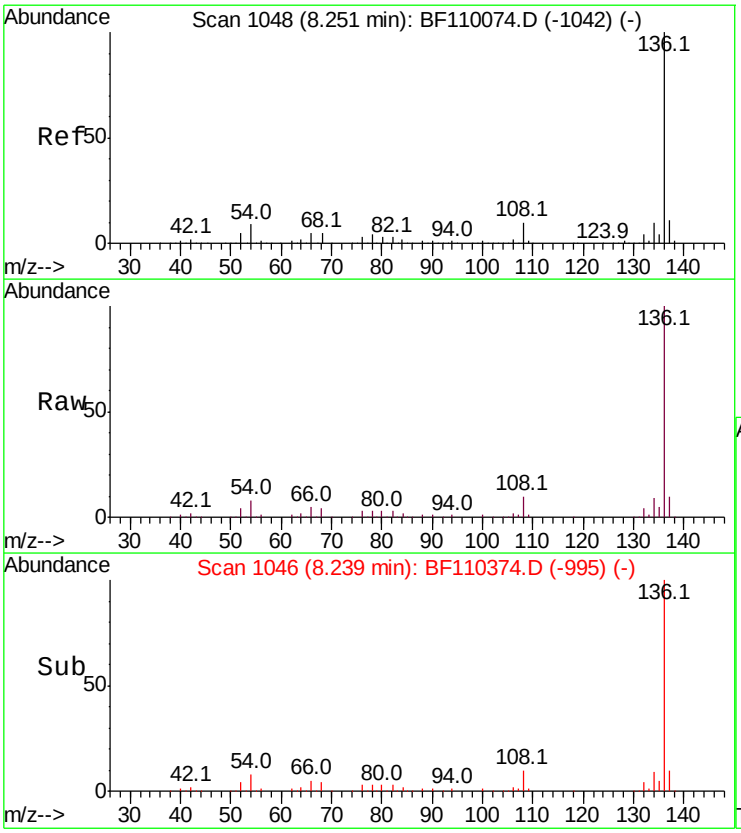
#7
Phenol-d6
Concen: 133.224 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :
PB114382BL

Tgt Ion: 99 Resp: 862508

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	35.8	28.0	42.0

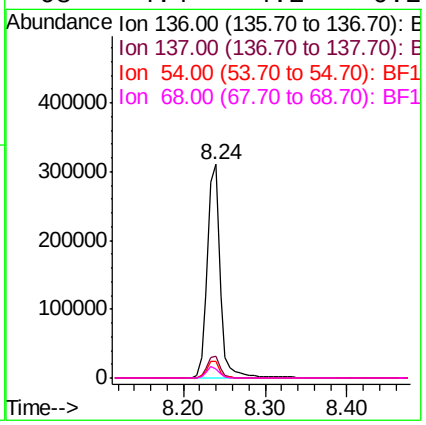


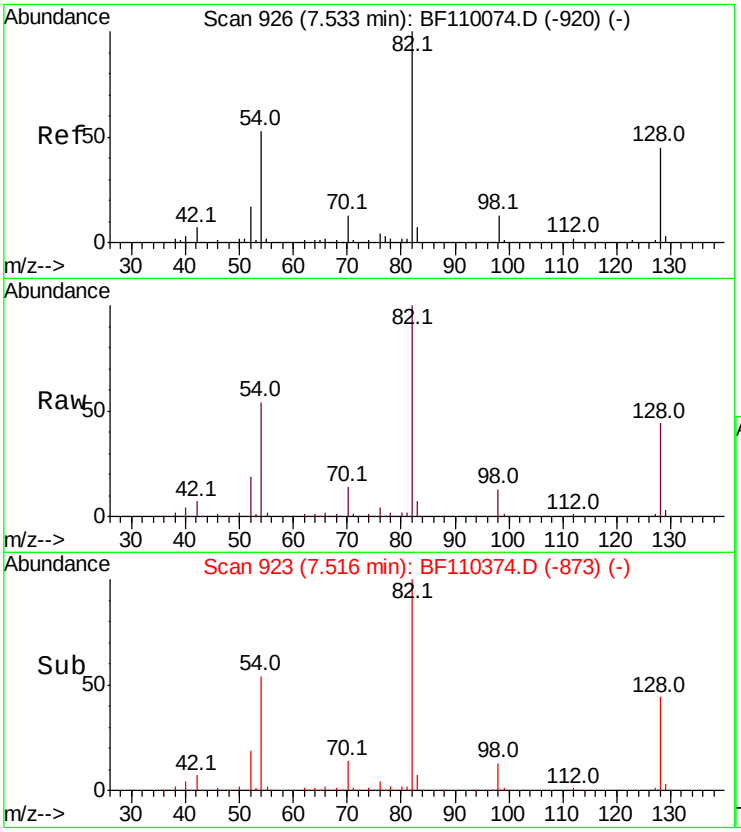


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:136 Resp: 338816

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.5	5.4	8.2
68	4.4	4.2	6.2



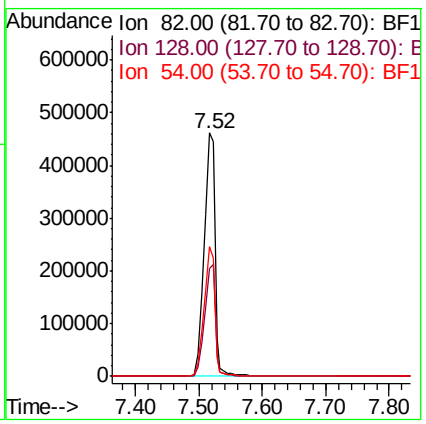


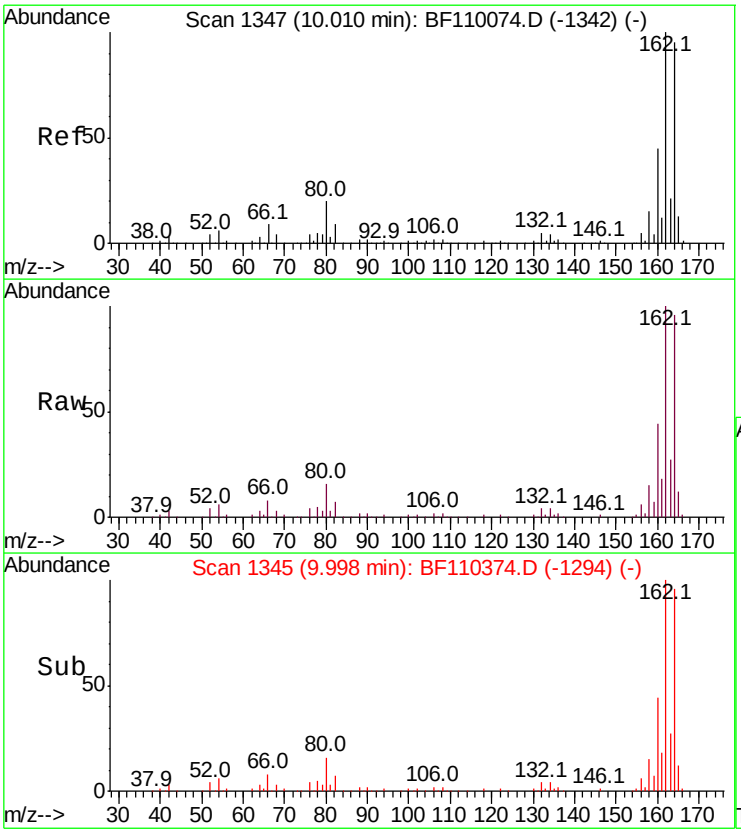
#23
Nitrobenzene-d5
Concen: 96.506 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :
PB114382BL

Tgt Ion: 82 Resp: 551271

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.5	38.6	58.0

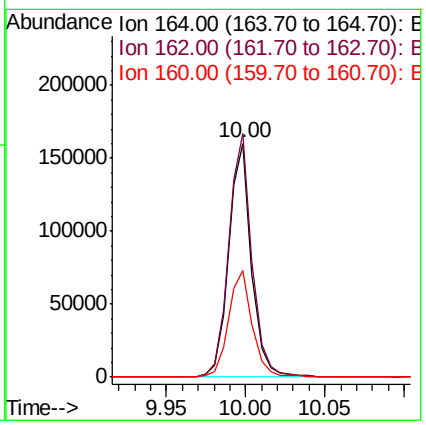


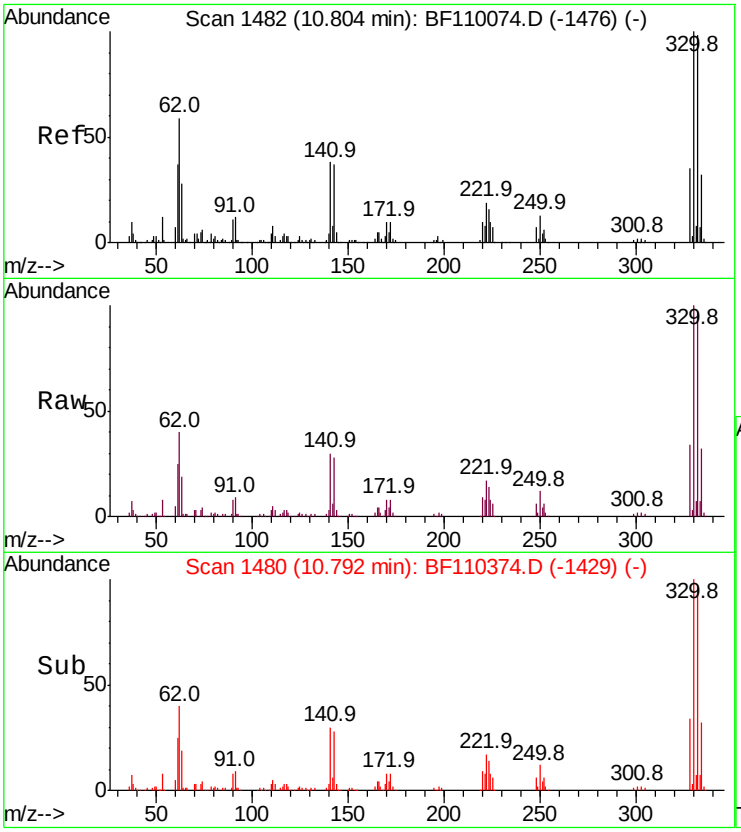


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:164 Resp: 158731

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.0	124.6
160	45.7	37.0	55.6



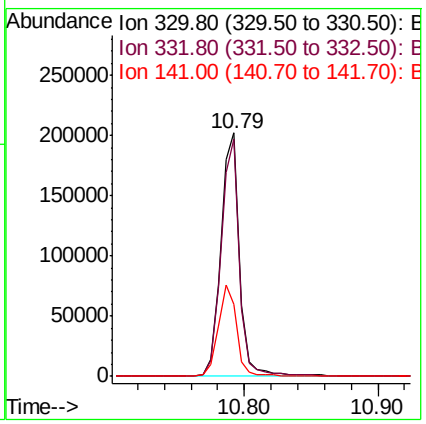


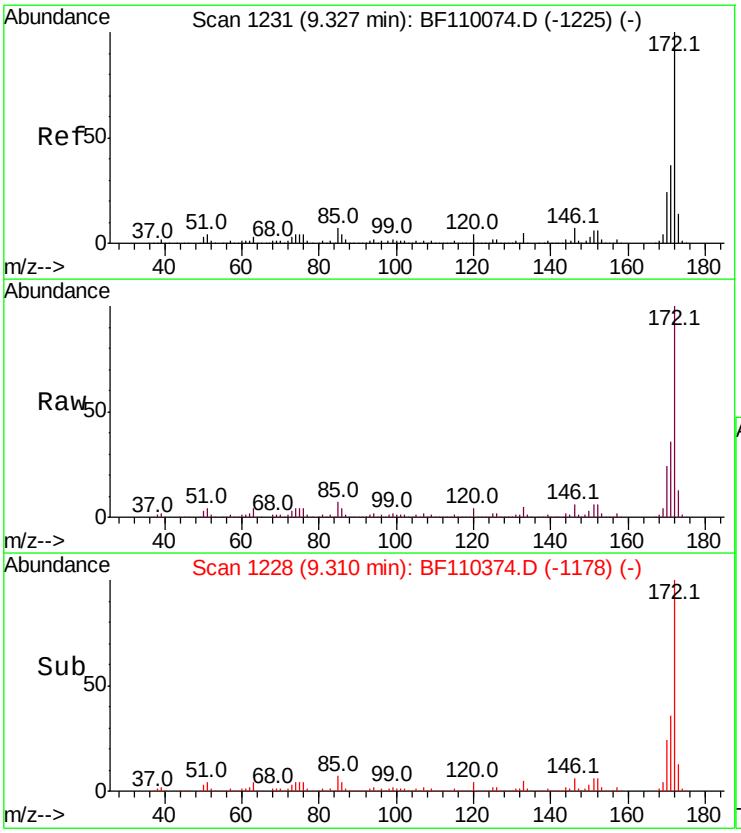
#42
2,4,6-Tribromophenol
Concen: 126.821 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :
PB114382BL

Tgt Ion:330 Resp: 199405

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	37.7	27.0	40.4

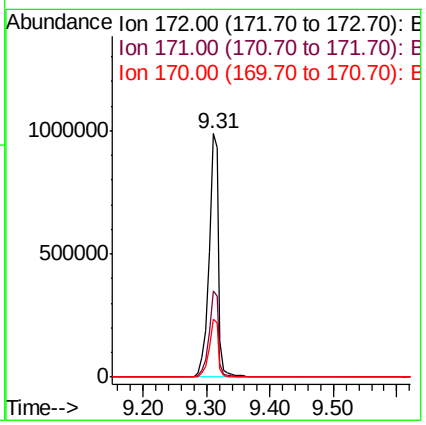


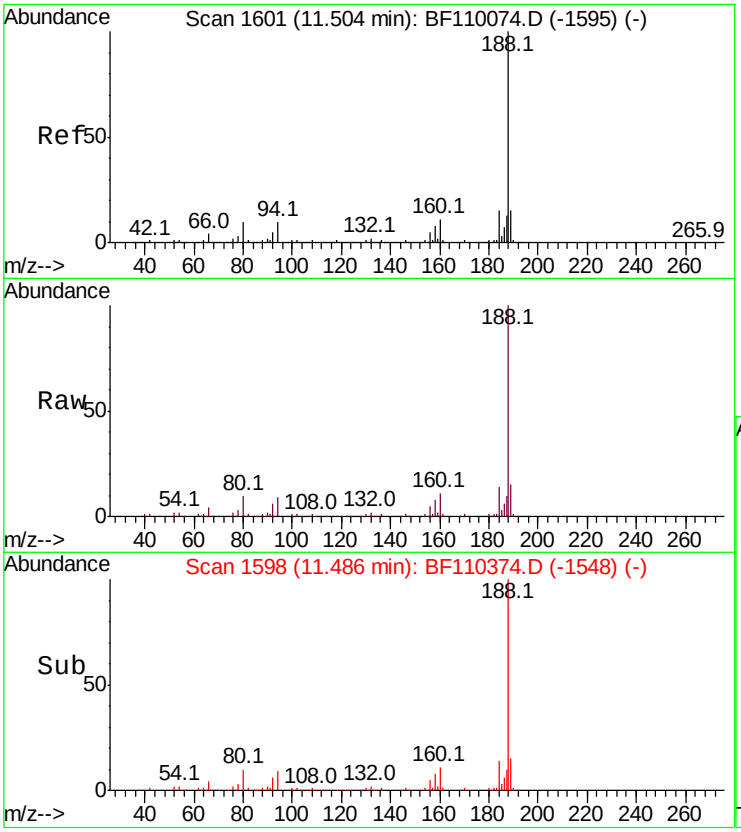


#45
2-Fluorobiphenyl
Concen: 104.020 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:172 Resp: 1051495

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.7	29.5



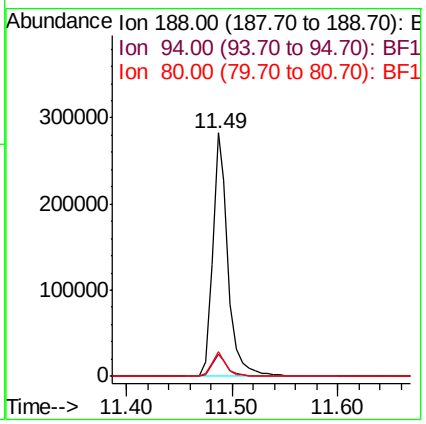


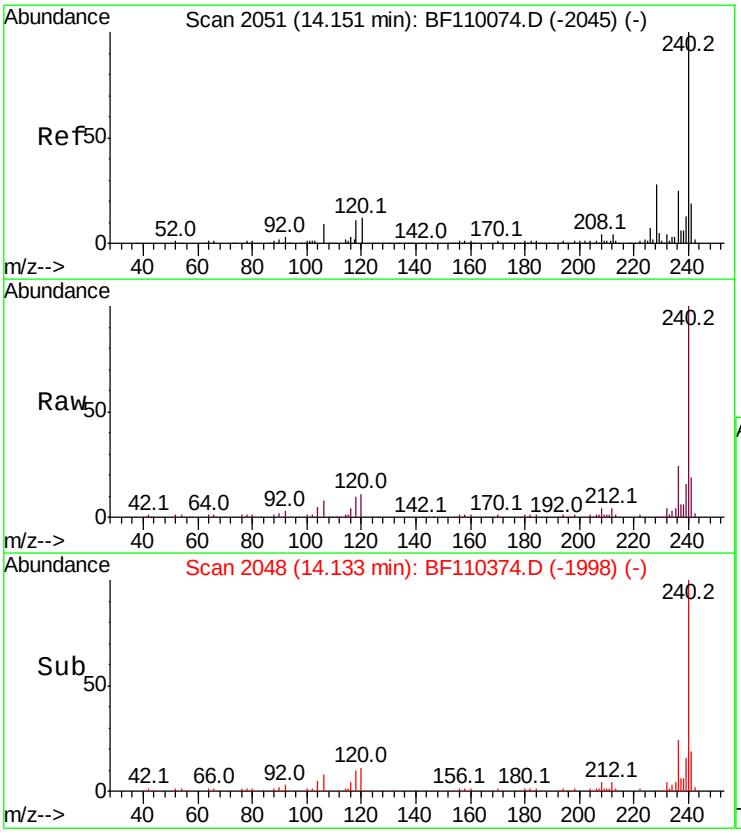
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :
PB114382BL

Tgt Ion:188 Resp: 289514

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.2	7.9	11.9

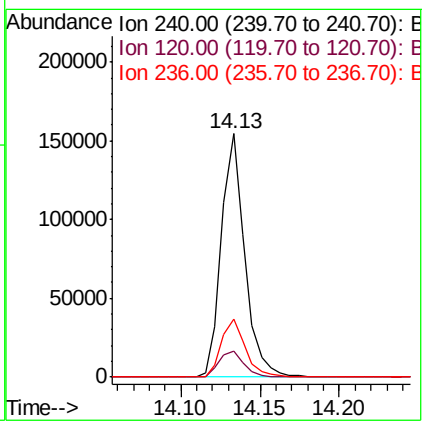


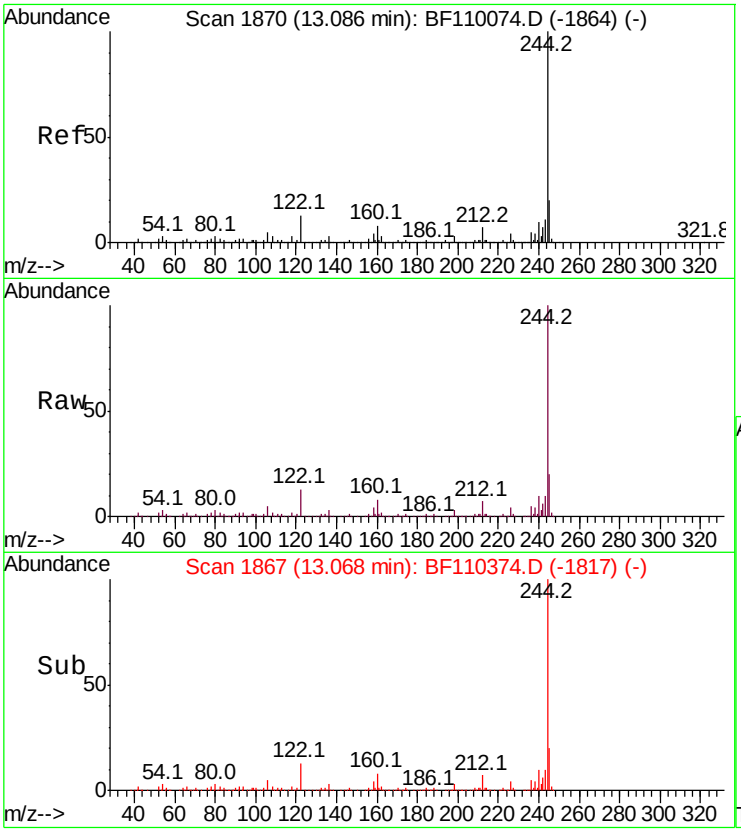


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:240 Resp: 158617

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	24.0	21.2	31.8



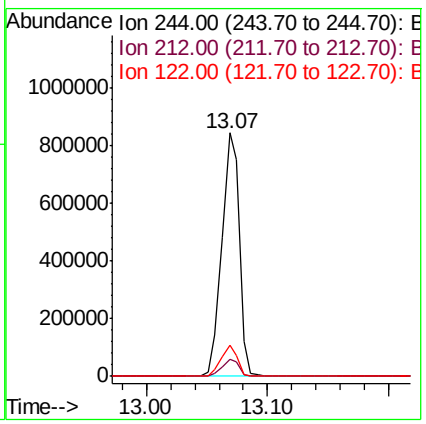


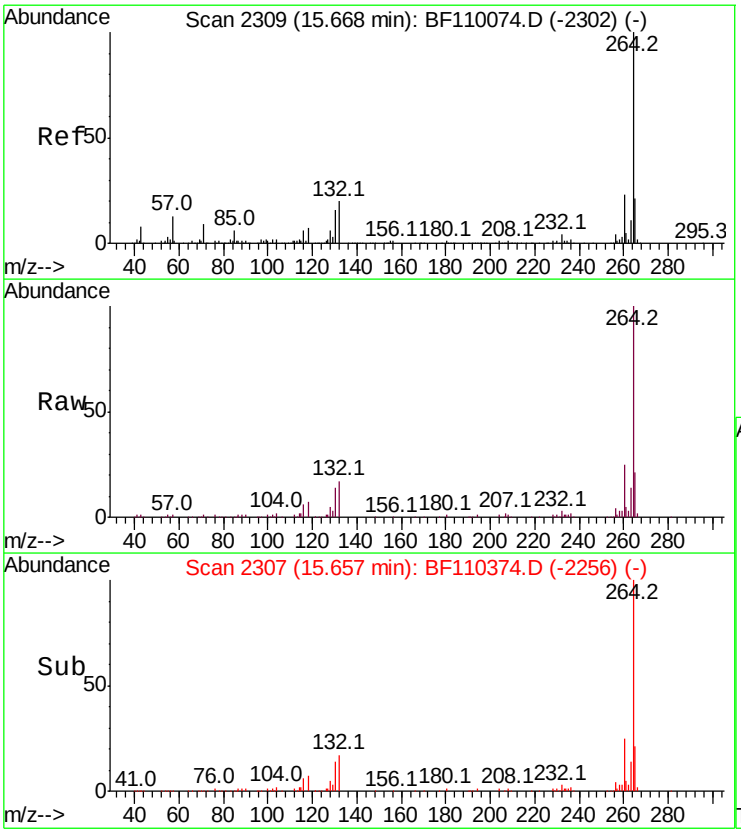
#79
Terphenyl-d14
Concen: 110.047 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110374.D
Acq: 1 Nov 2018 18:18

Instrument :
BNA_F
ClientSampleId :
PB114382BL

Tgt Ion:244 Resp: 839315

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.0	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: BF110374.D
Acq: 1 Nov 2018 18:18

Tgt Ion:264 Resp: 164606

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.5	16.7	25.1