Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
Data File : BF110316.D
Acq On : 30 Oct 2018 21:12
Operator : JU/SJ
Sample : J5711-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2

Quant Time: Oct 31 04:34:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	96080	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	374472	20.00	ng		0.00
39) Acenaphthene-d10	10.01	164	155078	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	245903	20.00	ng		0.00
76) Chrysene-d12	14.16	240	182954	20.00	ng		0.00
87) Perylene-d12	15.70	264	132510	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	228355	38.70	ng		0.00
7) Phenol-d6	6.59	99	290653	38.51	ng		0.00
23) Nitrobenzene-d5	7.53	82	173423	27.47	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	50714	33.01	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	298906	30.27	ng		0.00
79) Terphenyl-d14	13.09	244	204325	23.23	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	282	Below Cal		#	1
25) Isophorone	7.53	82	172357	16.015	ng	#	67
50) Dimethylphthalate	9.72	163	40774	3.562	ng		99
51) 2,6-Dinitrotoluene	10.01	165	19500	7.908	ng	#	21
57) 2,4-Dinitrotoluene	10.01	165	19500	6.226	ng	#	17
77) Benzidine	12.82	184	403	Below Cal		#	1

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

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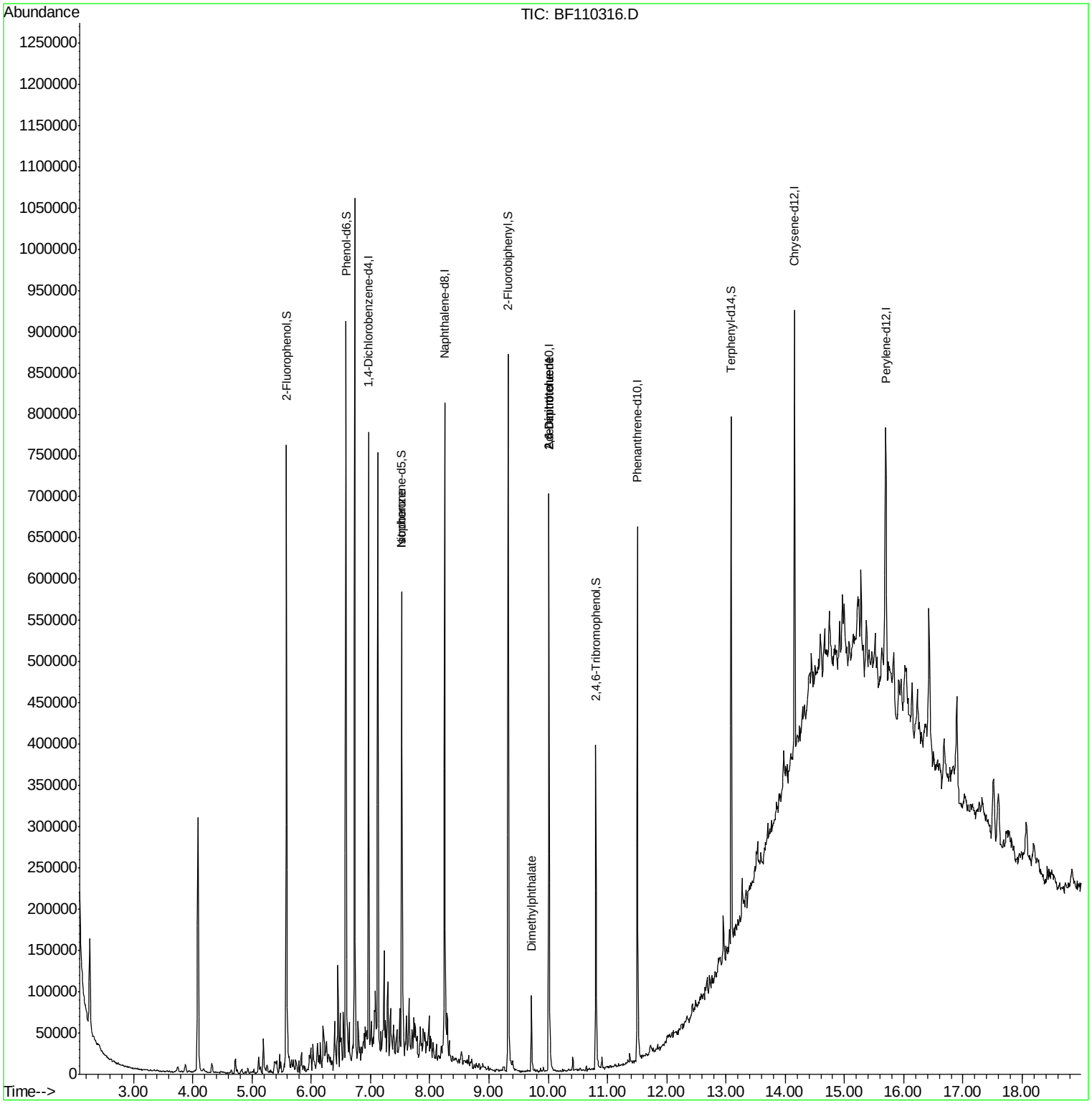
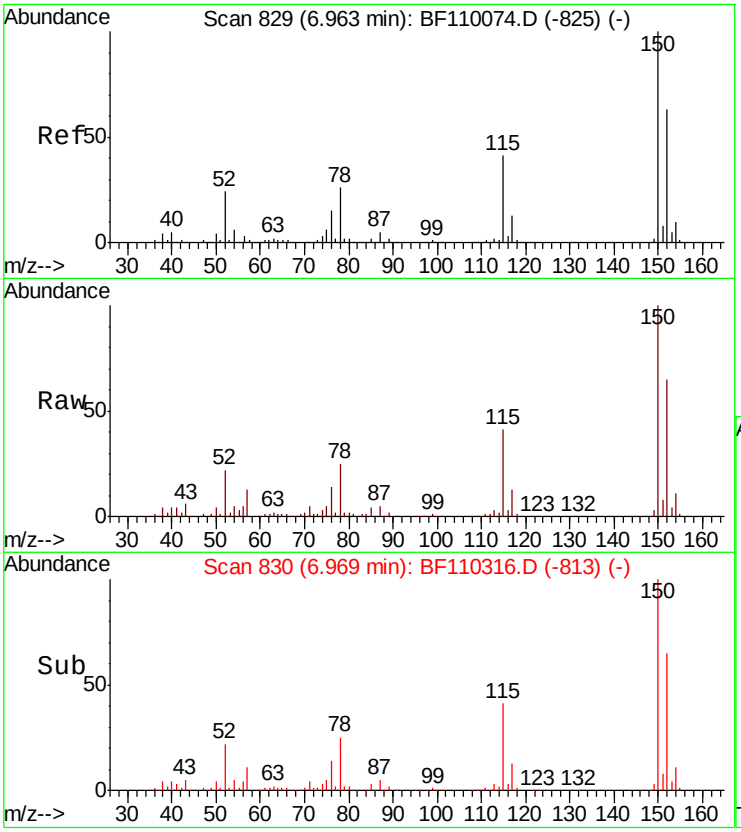


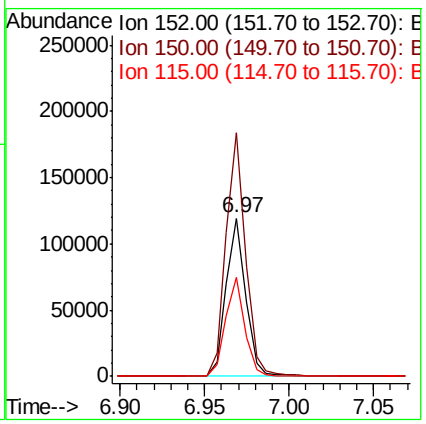


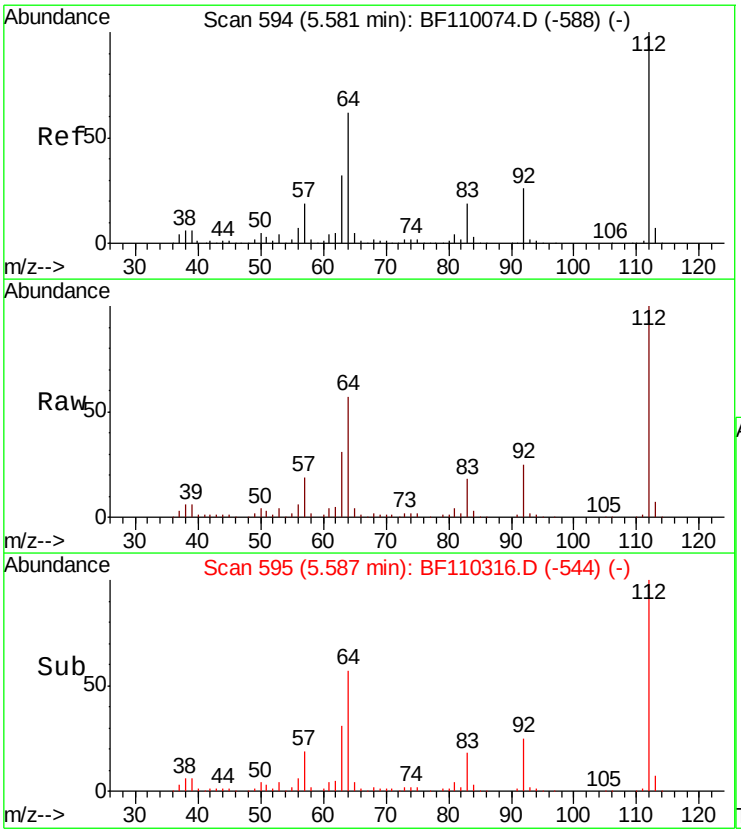
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 96080

Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	62.5	49.1	73.7

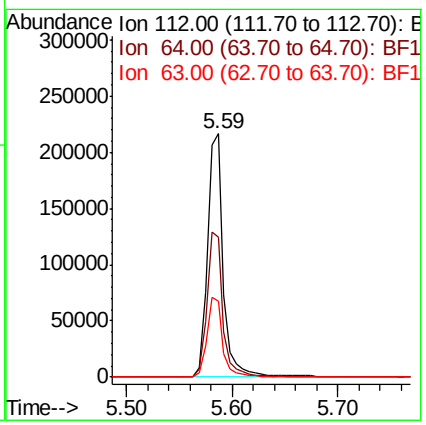


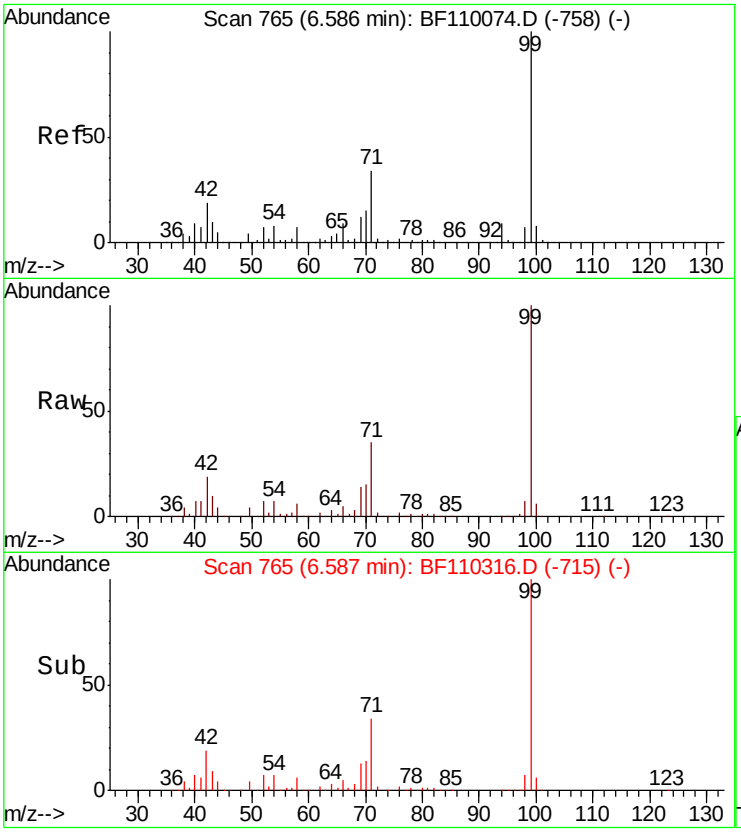


#5
2-Fluorophenol
Concen: 38.704 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:112 Resp: 228355

Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	31.1	23.7	35.5



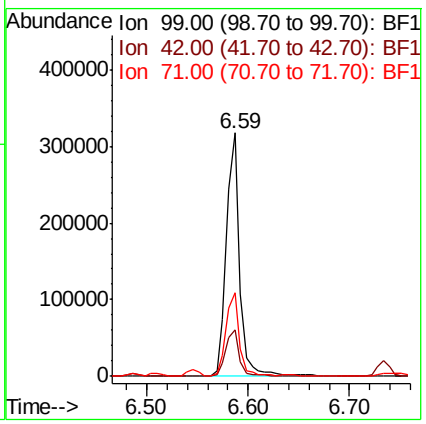


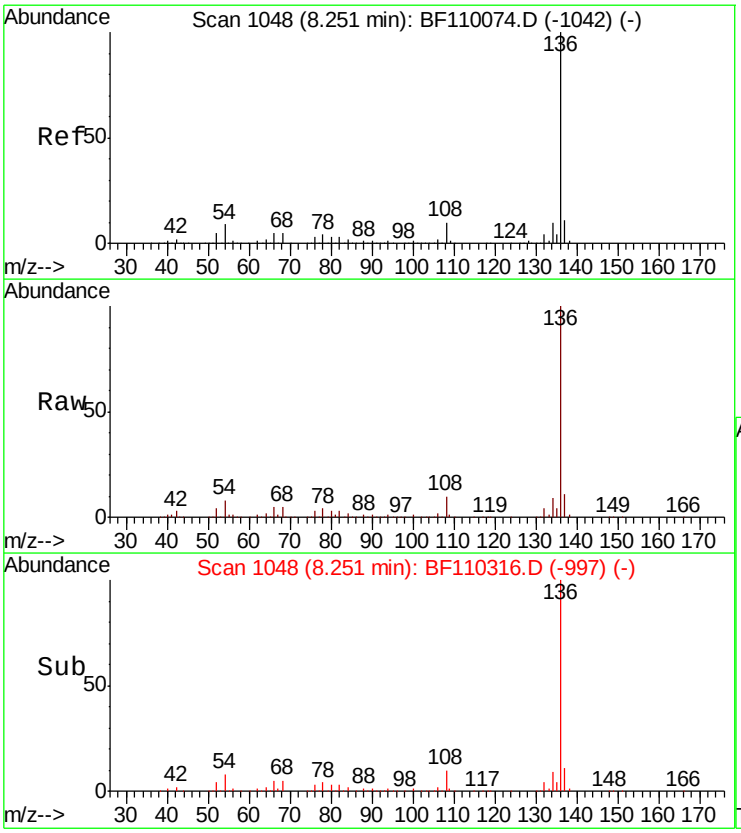
#7
Phenol-d6
Concen: 38.514 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 290653

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.8	23.6
71	34.5	28.0	42.0

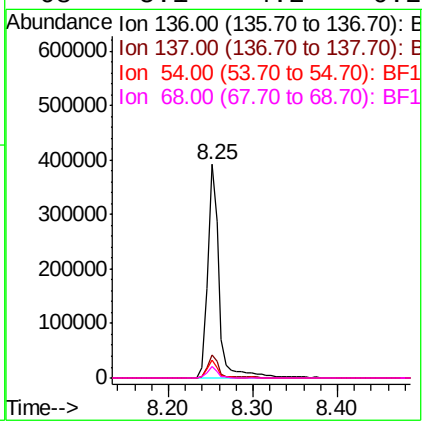


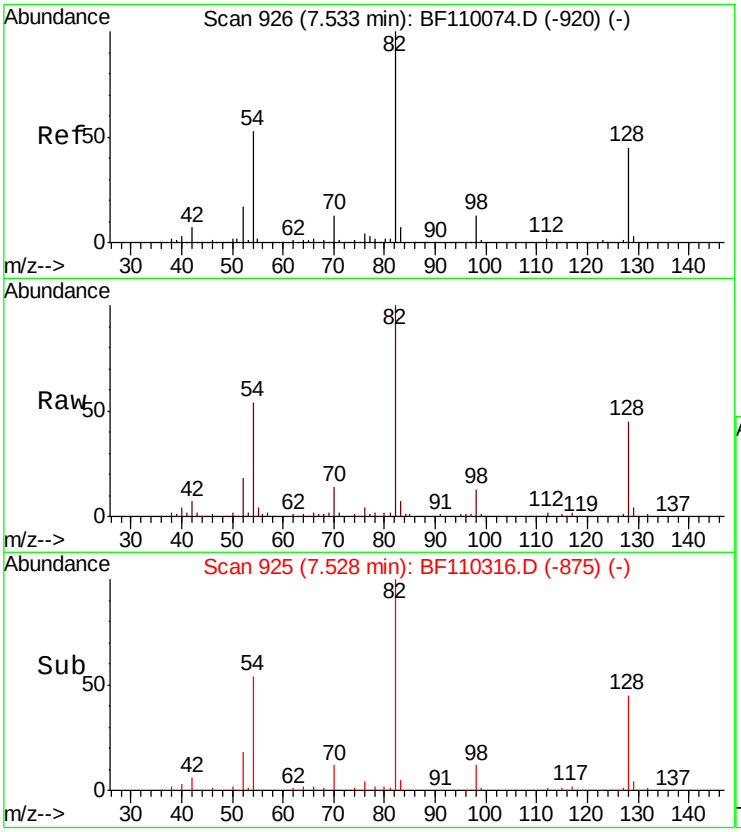


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:136 Resp: 374472

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	5.4	8.2#
68	5.1	4.2	6.2



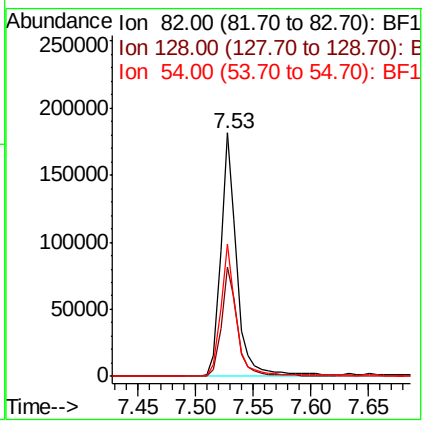


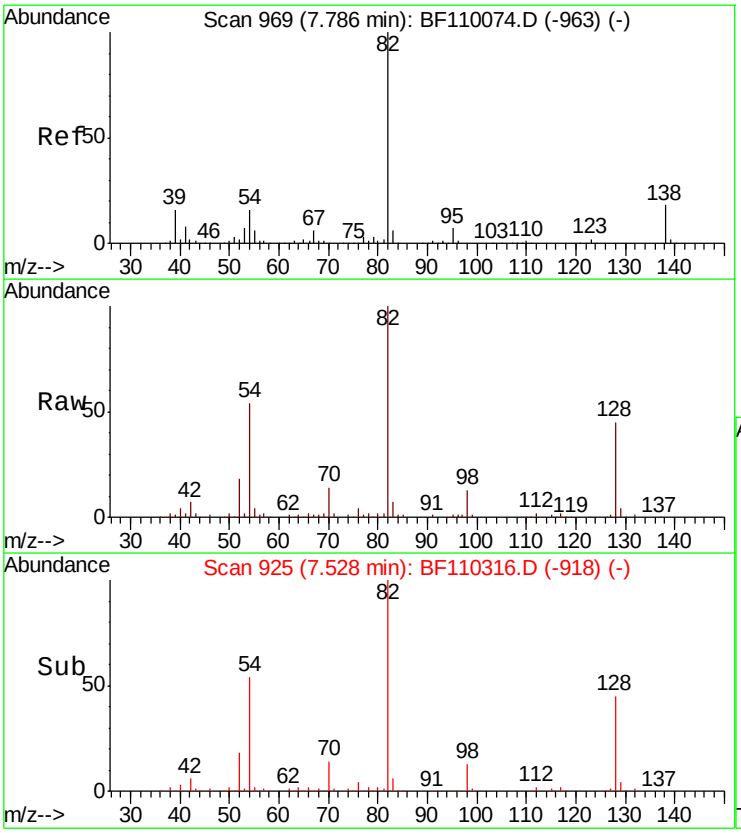
#23
Nitrobenzene-d5
Concen: 27.469 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 82 Resp: 173423

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	54.2	38.6	58.0

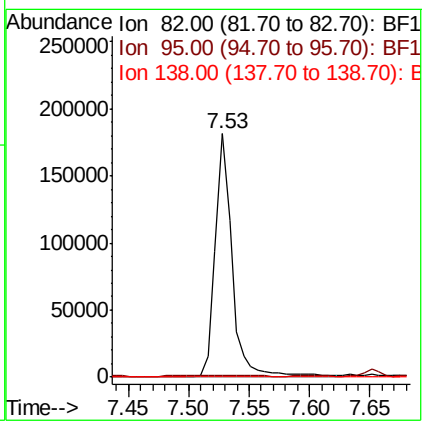


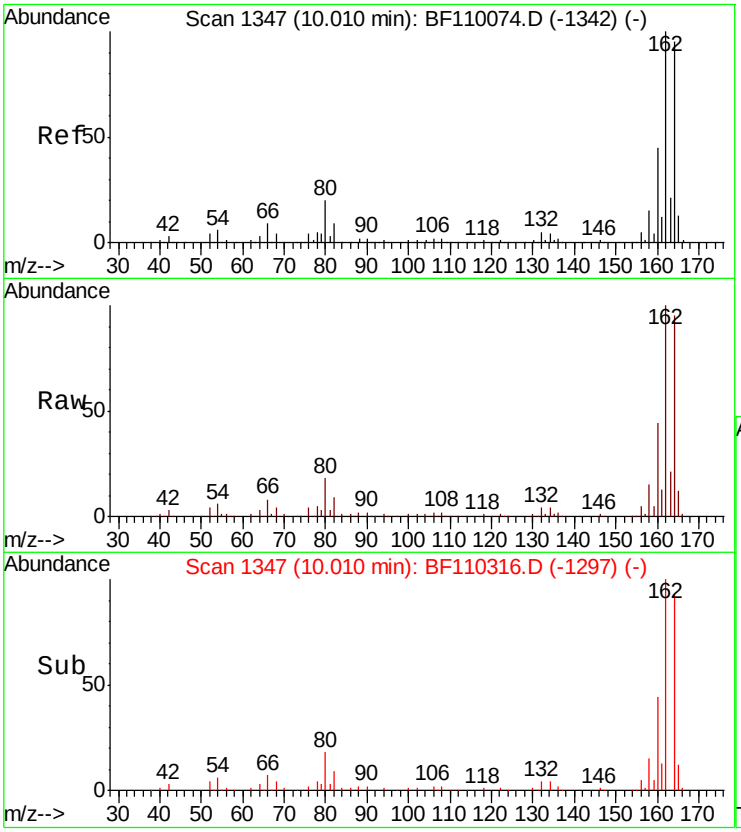


#25
Isophorone
Concen: 16.015 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion: 82 Resp: 172357

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.7	8.5#
138	0.0	13.2	19.8#



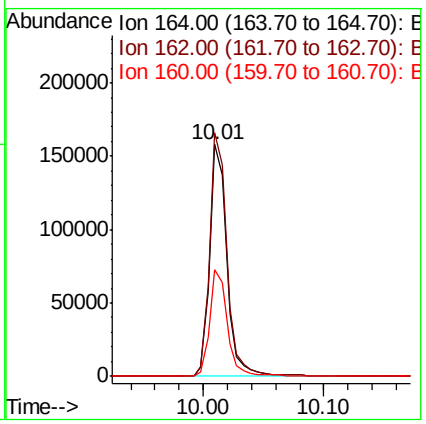


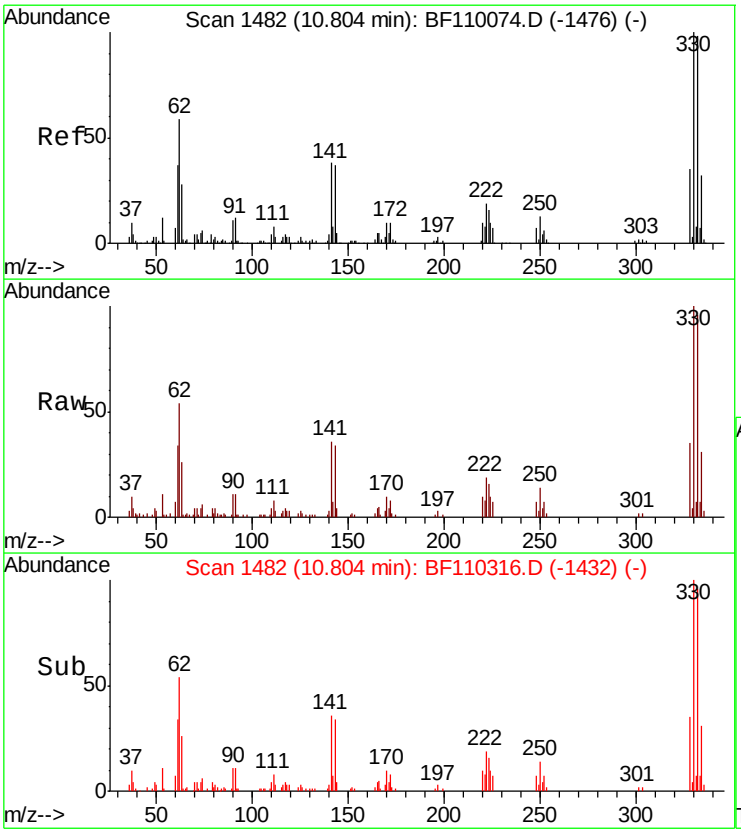
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:164 Resp: 155078

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	46.3	37.0	55.6

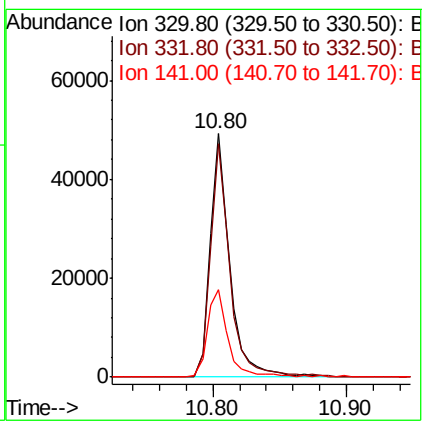


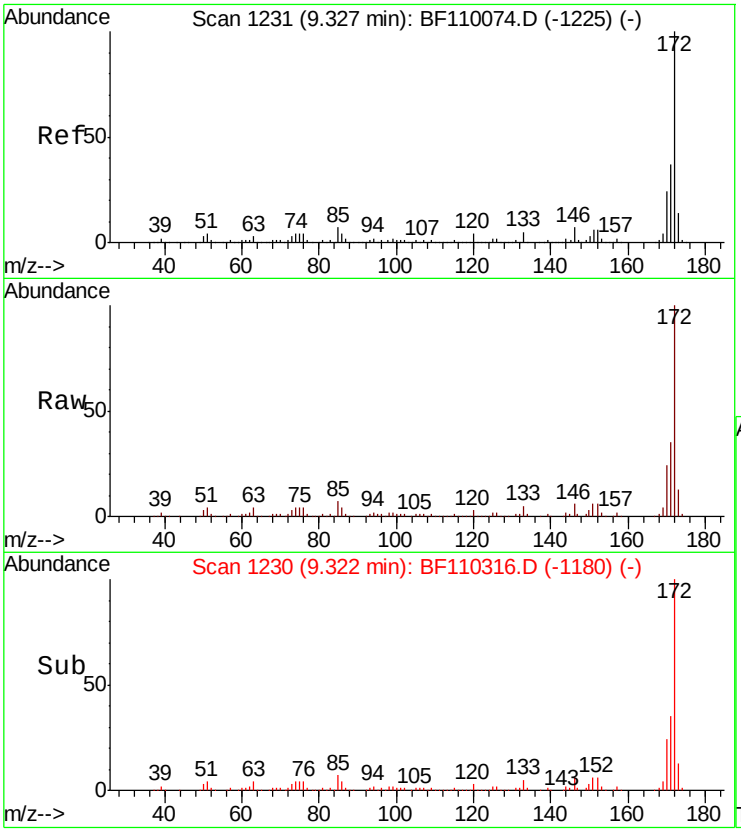


#42
2,4,6-Tribromophenol
Concen: 33.014 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:330 Resp: 50714

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



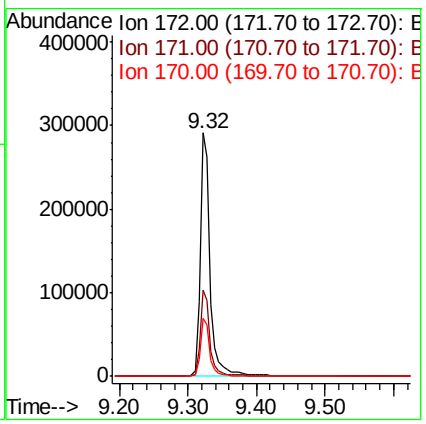


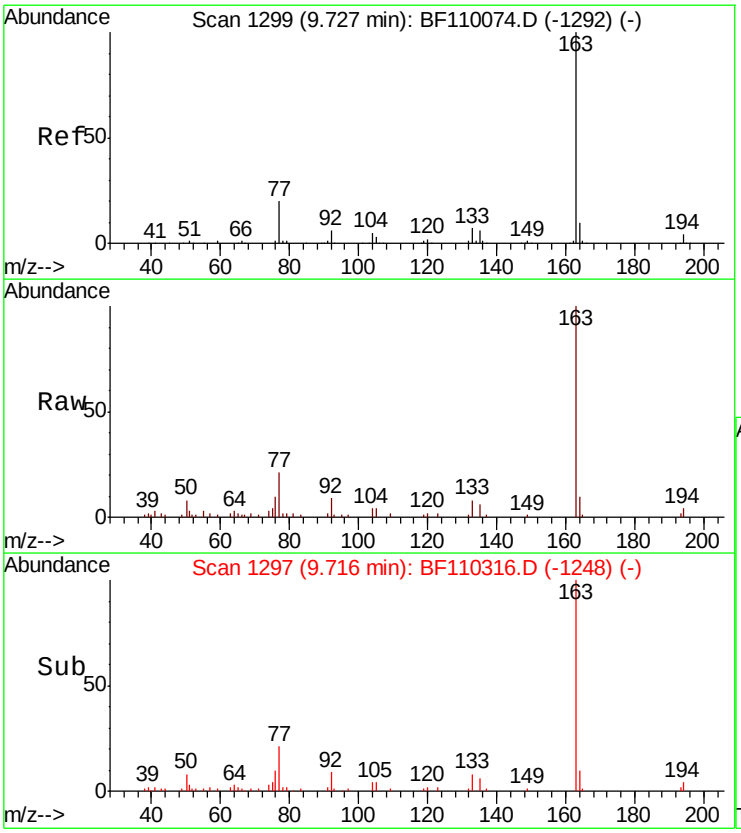
#45
2-Fluorobiphenyl
Concen: 30.266 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:172 Resp: 298906

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	24.0	19.7	29.5

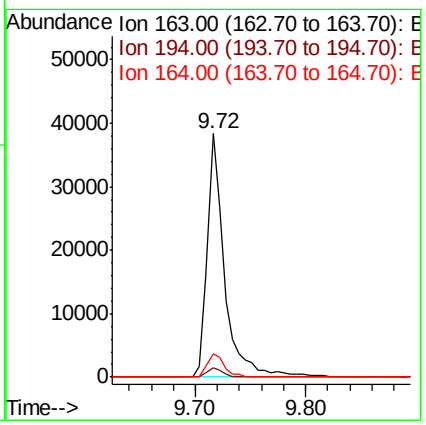


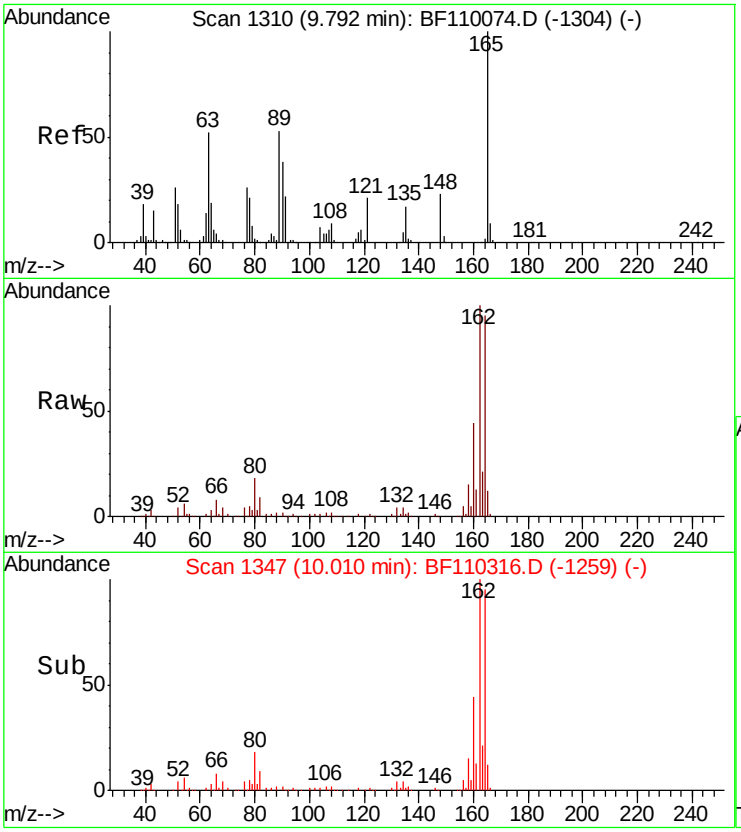


#50
Dimethylphthalate
Concen: 3.562 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:163 Resp: 40774

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.5	8.1	12.1



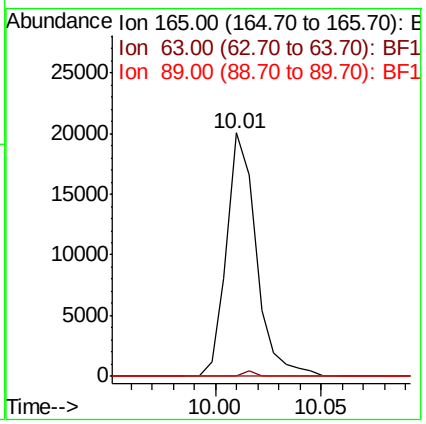


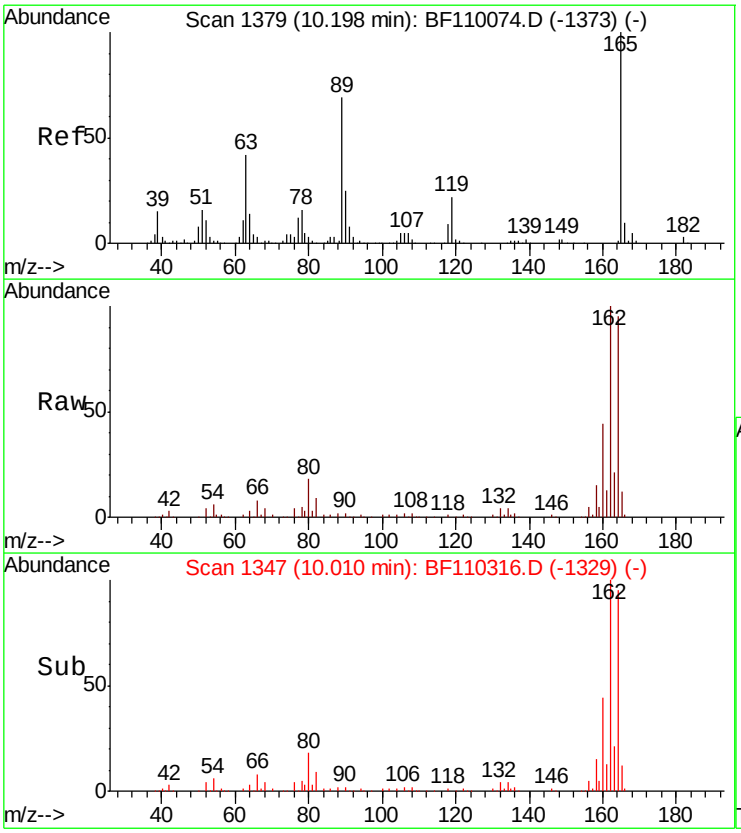
#51
2,6-Dinitrotoluene
Concen: 7.908 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:165 Resp: 19500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

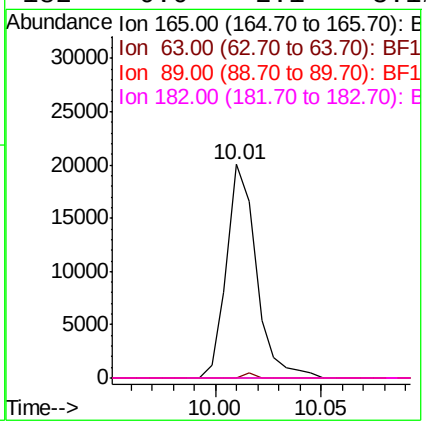


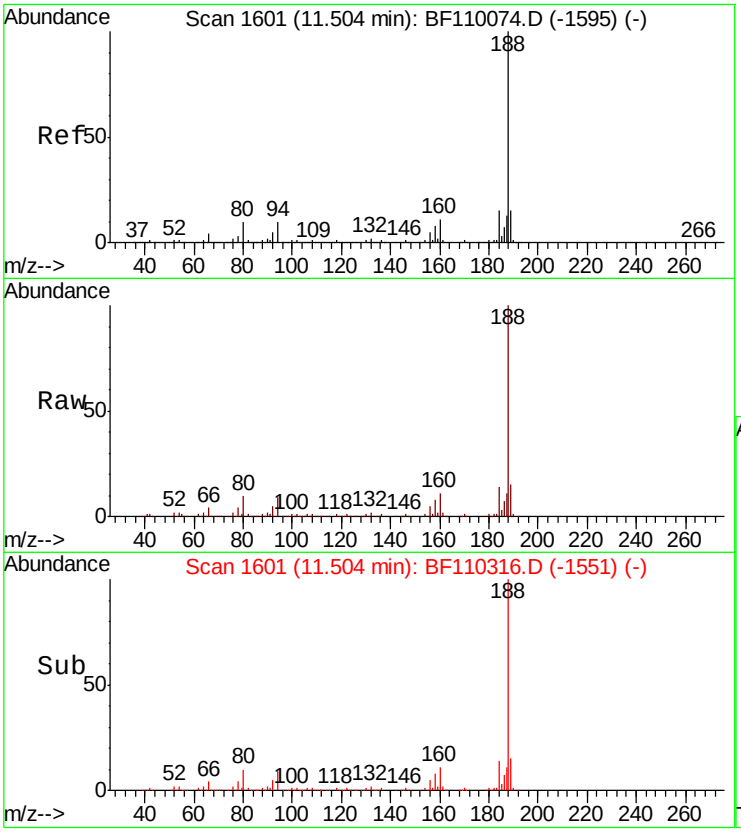


#57
2,4-Dinitrotoluene
Concen: 6.226 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:165 Resp: 19500

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



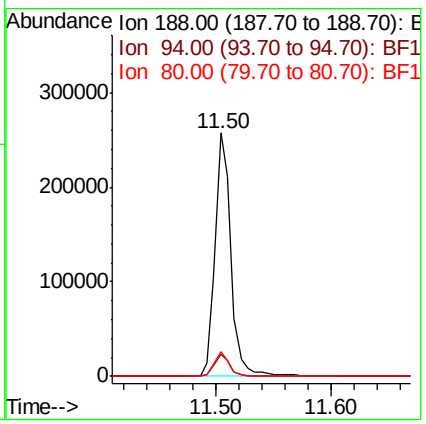


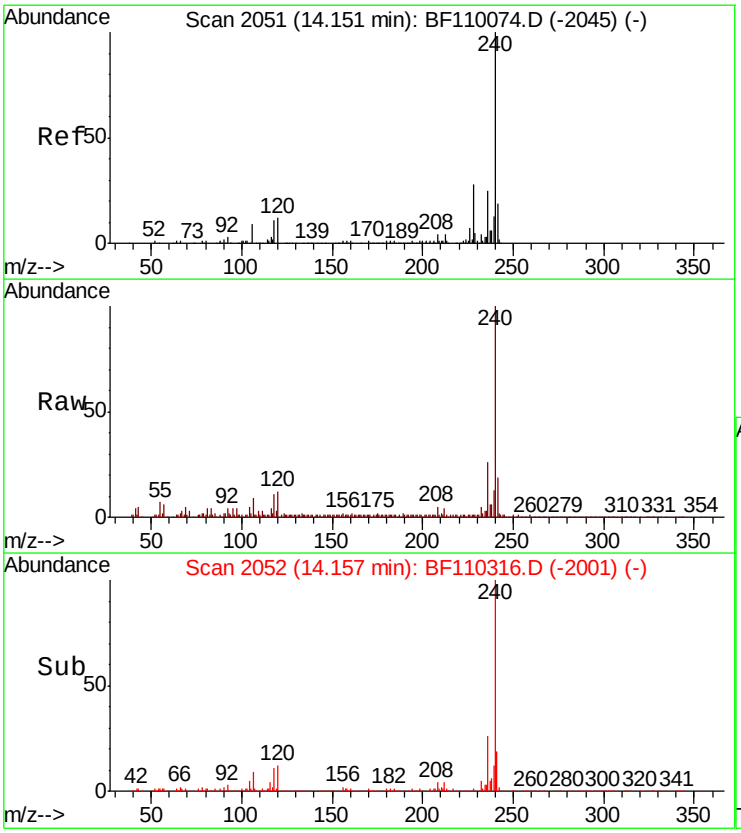
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:188 Resp: 245903

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9

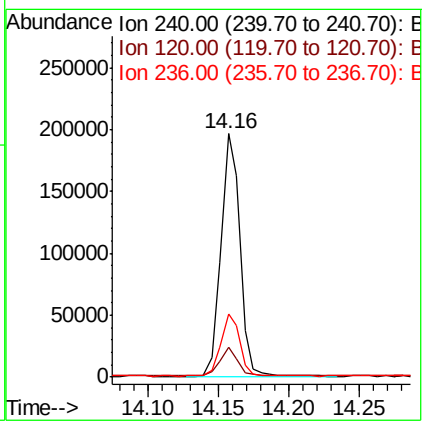


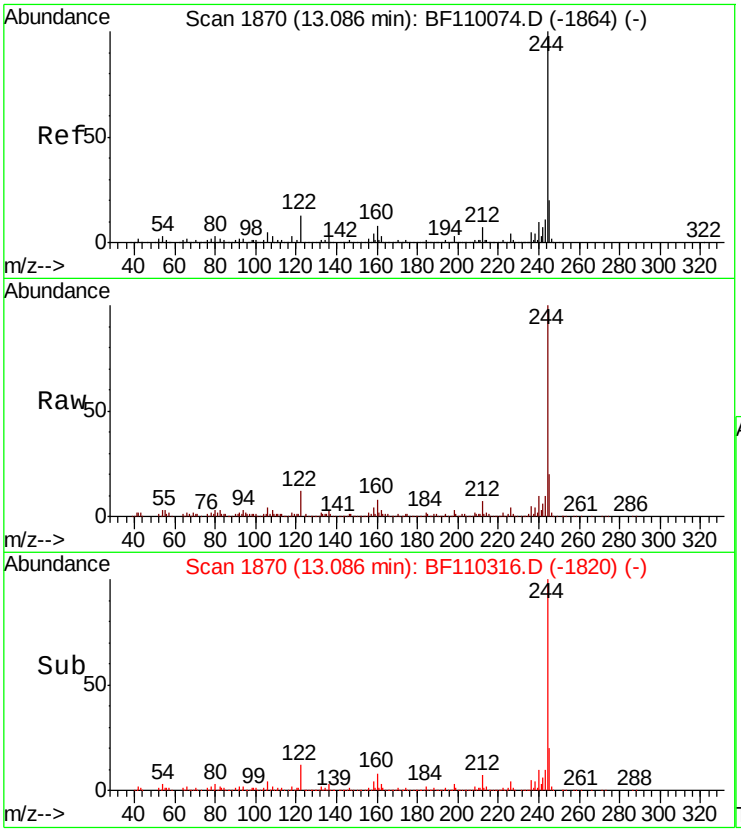


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:240 Resp: 182954

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5
236	26.2	21.2	31.8



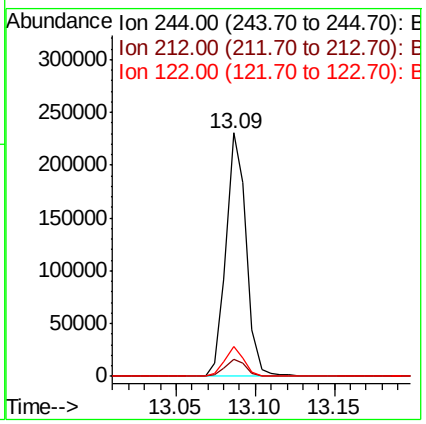


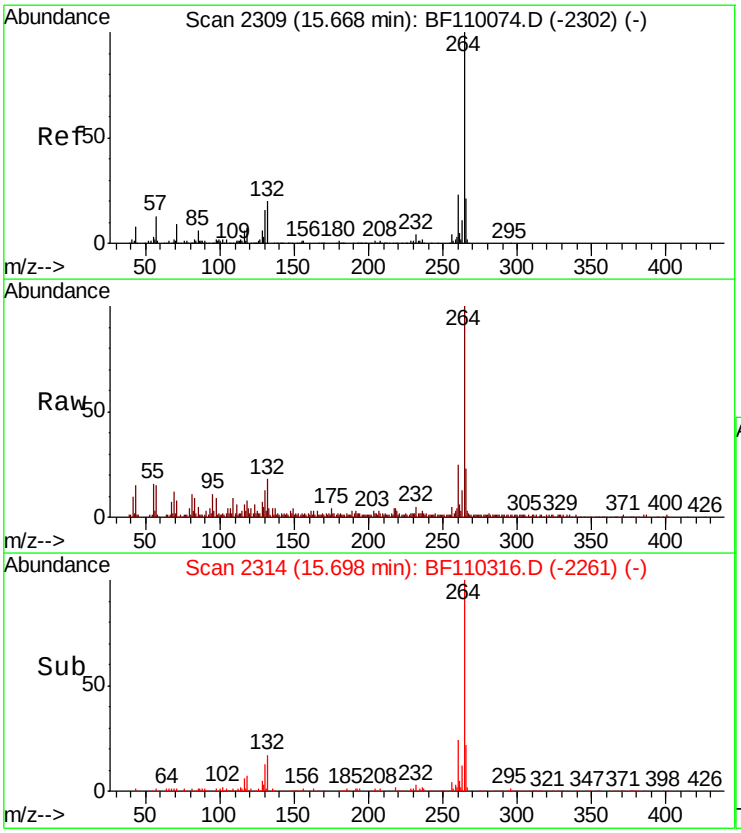
#79
Terphenyl-d14
Concen: 23.226 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:244 Resp: 204325

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.4	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF110316.D
Acq: 30 Oct 2018 21:12

Tgt Ion:264 Resp: 132510

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	23.0	16.7	25.1