Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110230.D
Acq On : 27 Oct 2018 00:34
Operator : JU/SJ
Sample : J5683-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-SAMPLE

Quant Time: Oct 27 02:30:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119707	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	449634	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	177244	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	281499	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	200317	20.00	ng	-0.01
87) Perylene-d12	15.68	264	139132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	670458	91.21	ng	0.00
7) Phenol-d6	6.59	99	825981	87.85	ng	-0.01
23) Nitrobenzene-d5	7.53	82	491484	64.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	126597	72.11	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	833137	73.81	ng	-0.01
79) Terphenyl-d14	13.09	244	628662	65.27	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.60	94	56187	5.590	ng	# 60
50) Dimethylphthalate	9.72	163	131605	10.059	ng	99

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

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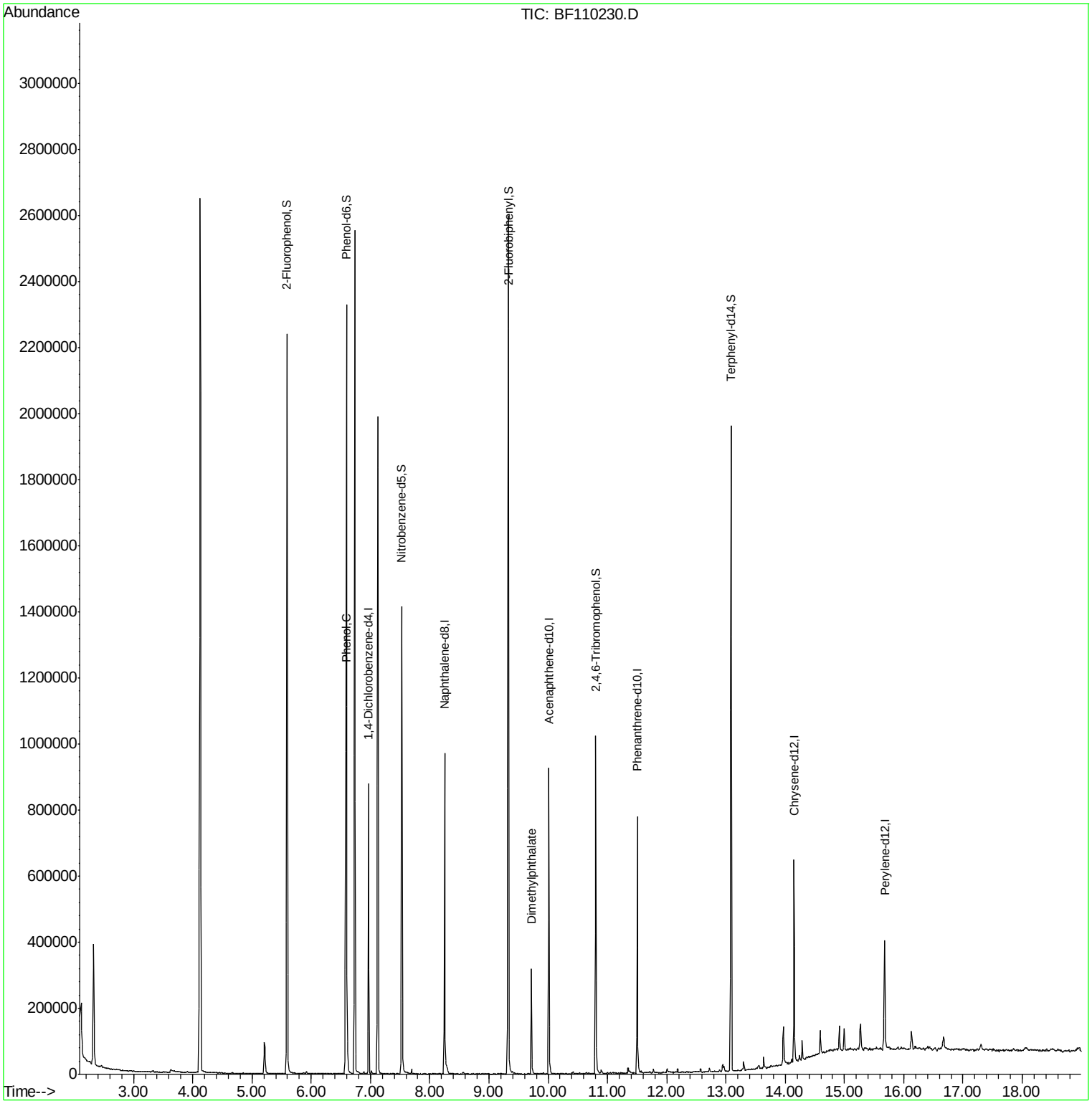
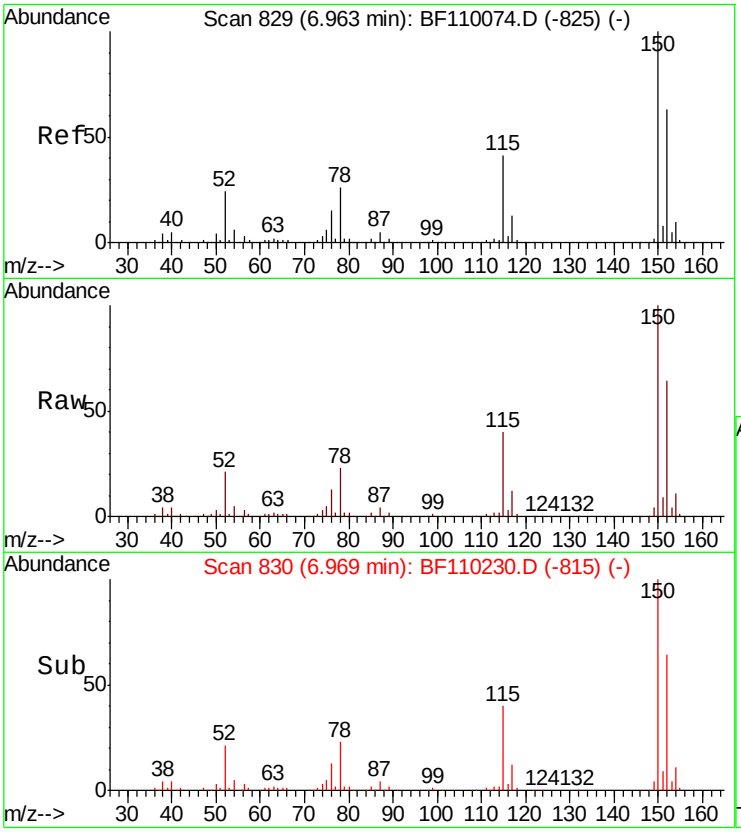


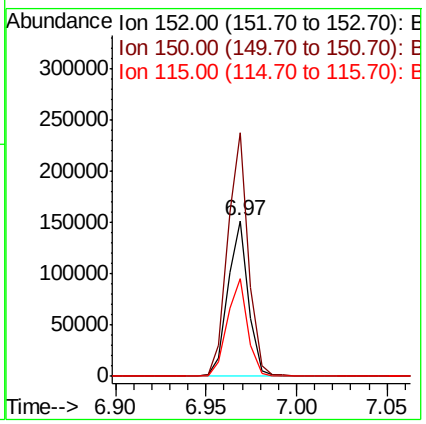


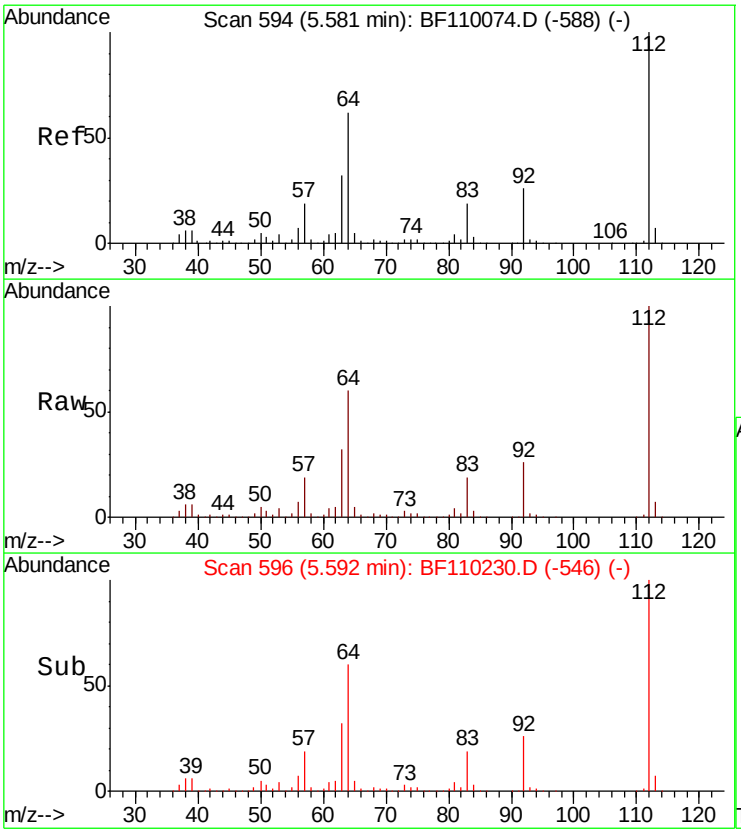
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion:152 Resp: 119707

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.7	184.1
115	62.5	49.1	73.7

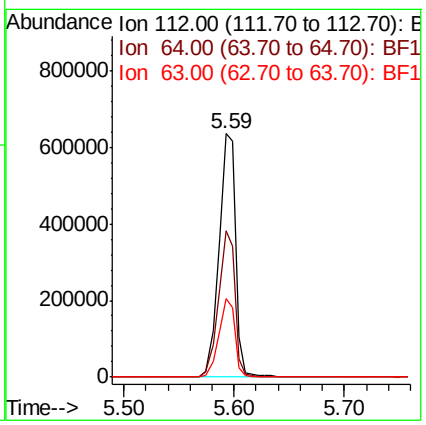


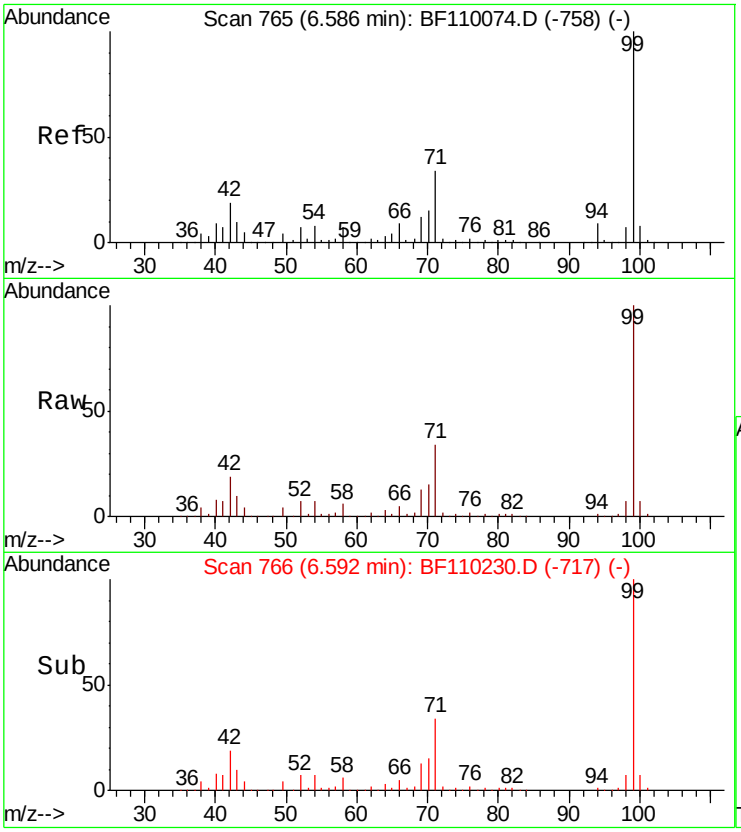


#5
2-Fluorophenol
Concen: 91.207 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:112 Resp: 670458

Ion	Ratio	Lower	Upper
112	100		
64	60.2	44.1	66.1
63	32.4	23.7	35.5



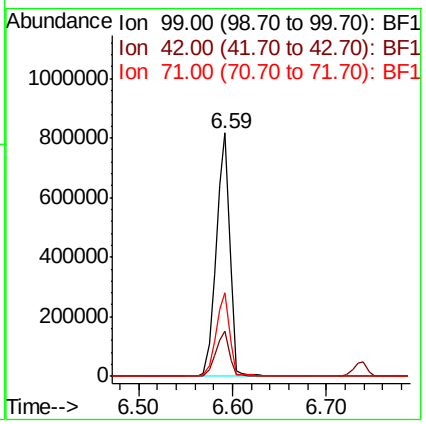


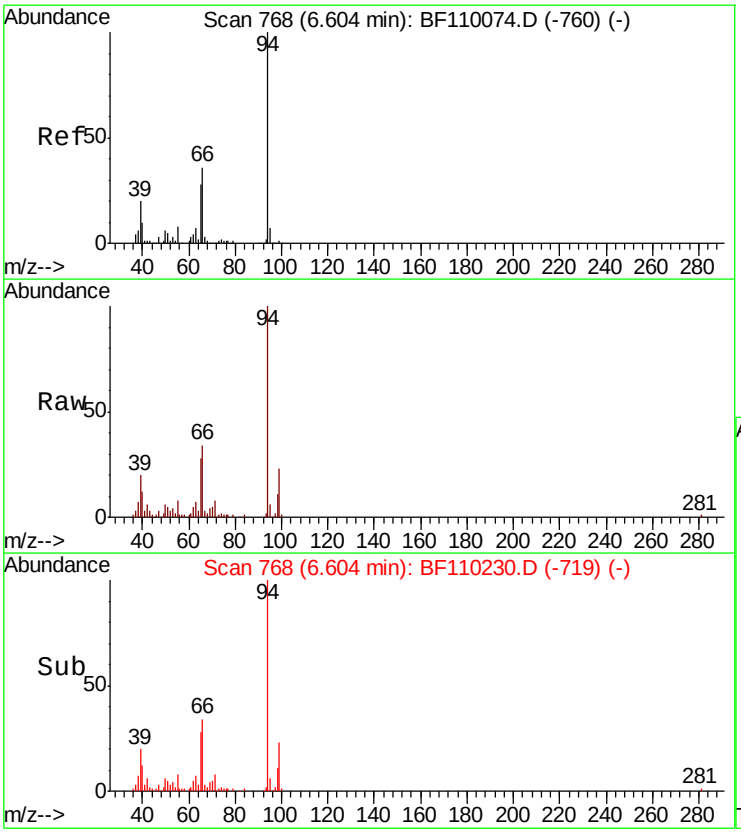
#7
Phenol-d6
Concen: 87.847 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion: 99 Resp: 825981

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.4	28.0	42.0

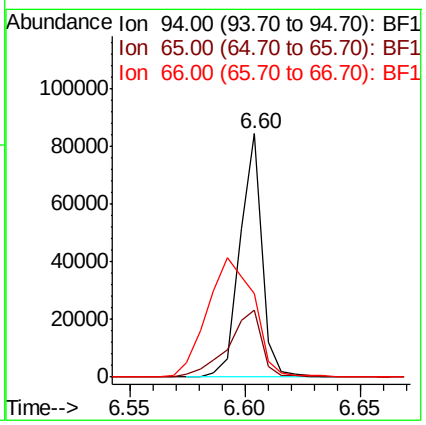


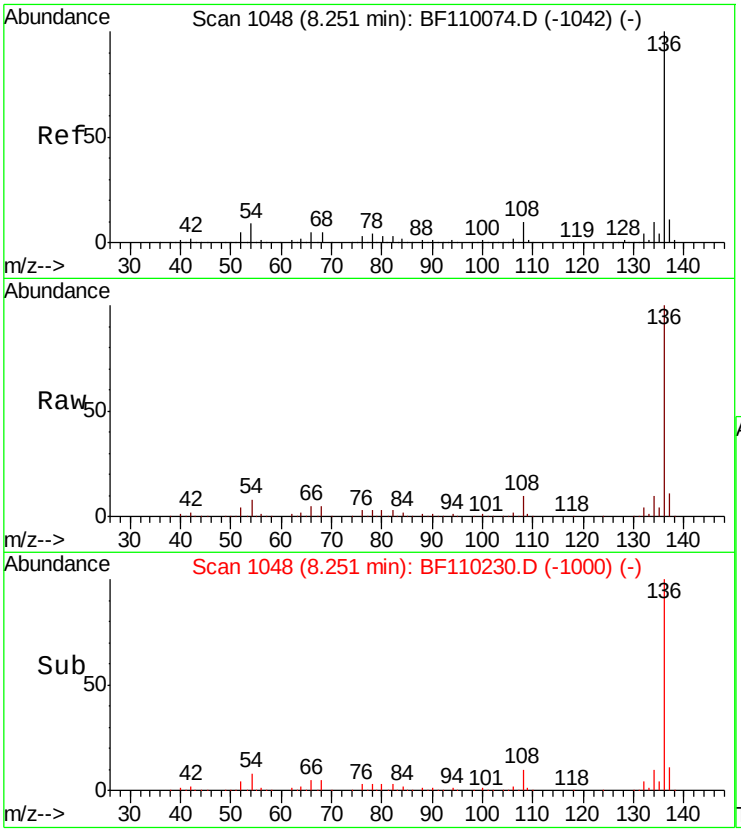


#10
Phenol
Concen: 5.590 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion: 94 Resp: 56187

Ion	Ratio	Lower	Upper
94	100		
65	27.7	25.3	65.3
66	34.2	54.5	94.5#



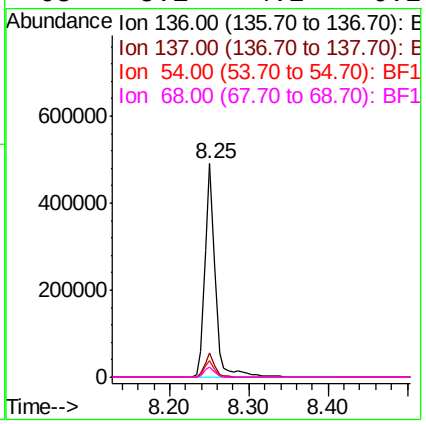


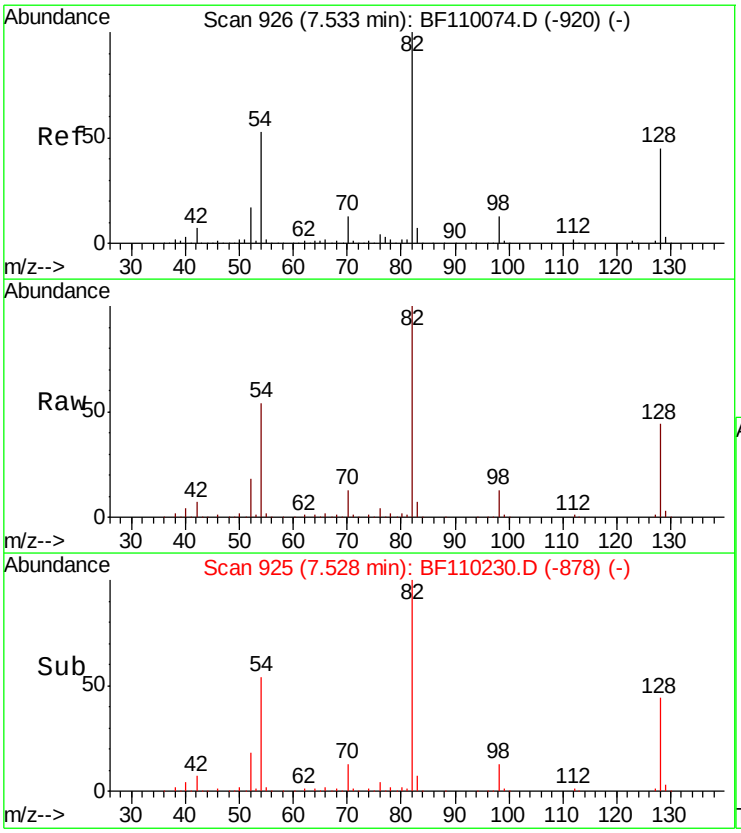
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion:136 Resp: 449634

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	5.4	8.2
68	5.1	4.2	6.2

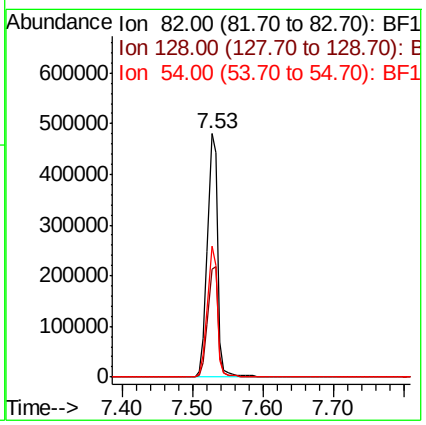


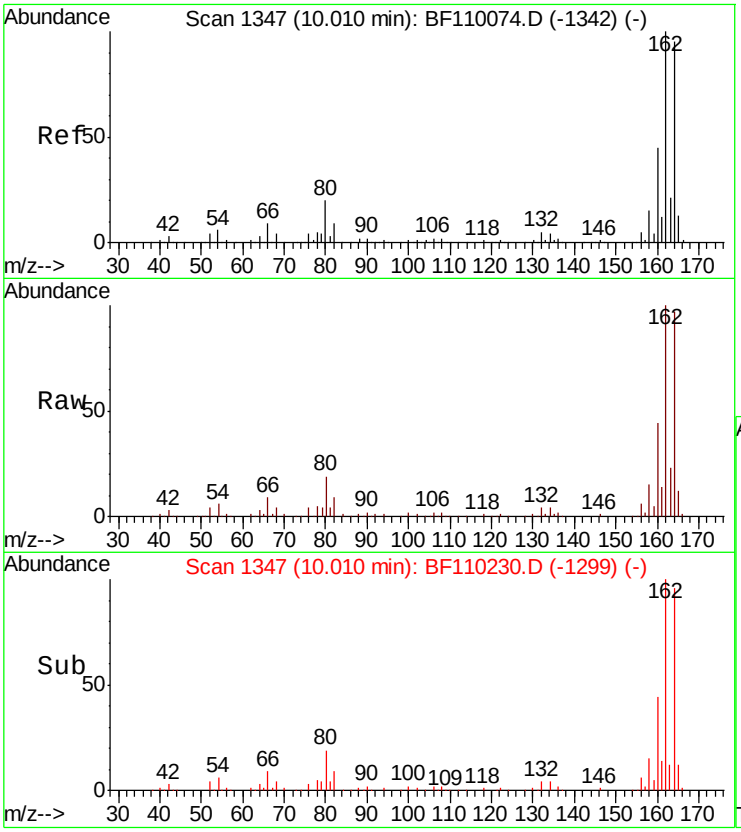


#23
Nitrobenzene-d5
Concen: 64.834 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion: 82 Resp: 491484

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.6	38.6	58.0



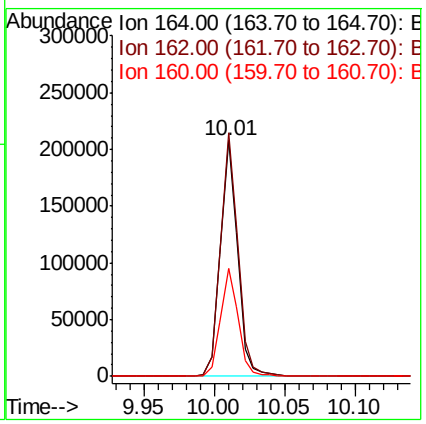


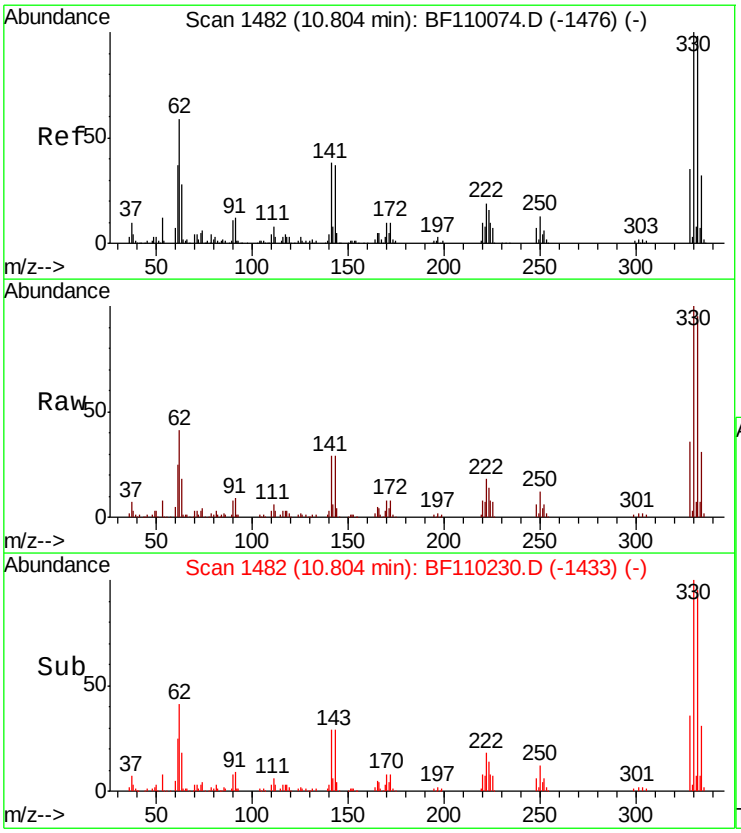
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion:164 Resp: 177244

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	45.9	37.0	55.6

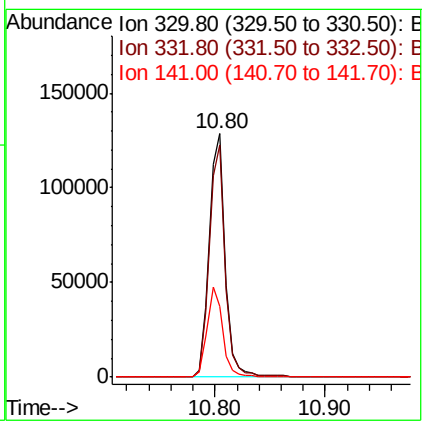


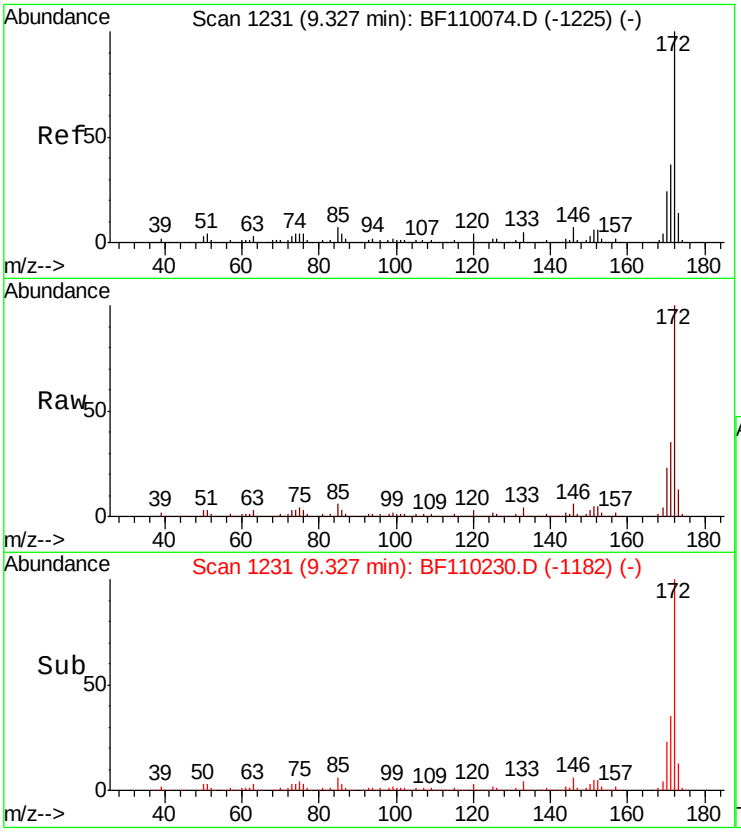


#42
2,4,6-Tribromophenol
Concen: 72.105 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:330 Resp: 126597

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.1	115.7
141	35.6	27.0	40.4



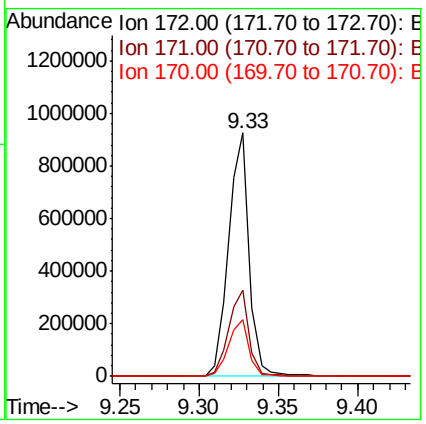


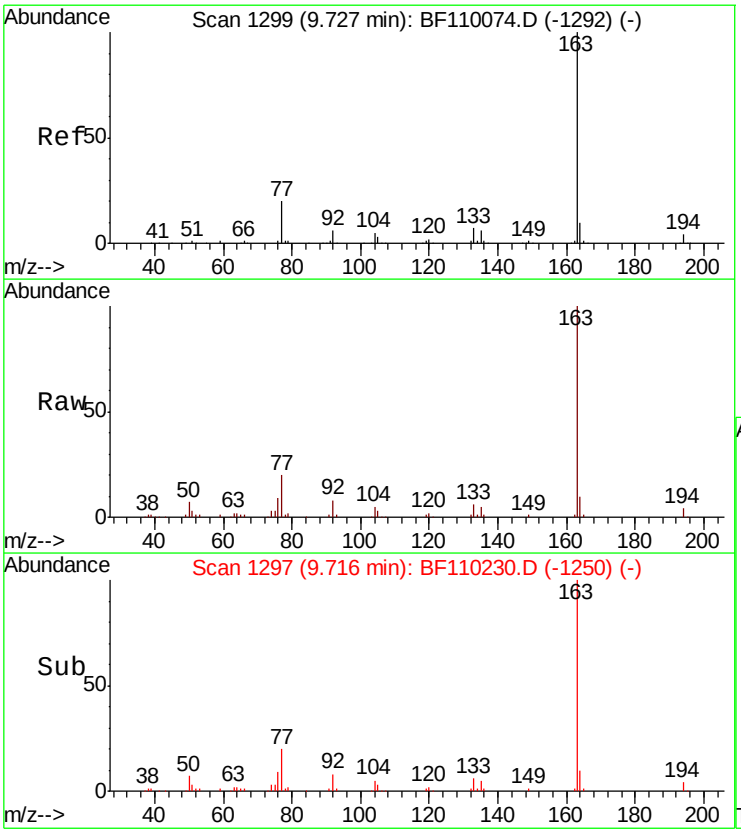
#45
2-Fluorobiphenyl
Concen: 73.810 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion:172 Resp: 833137

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.2	19.7	29.5

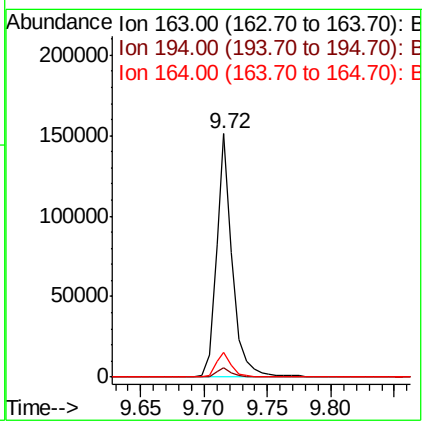


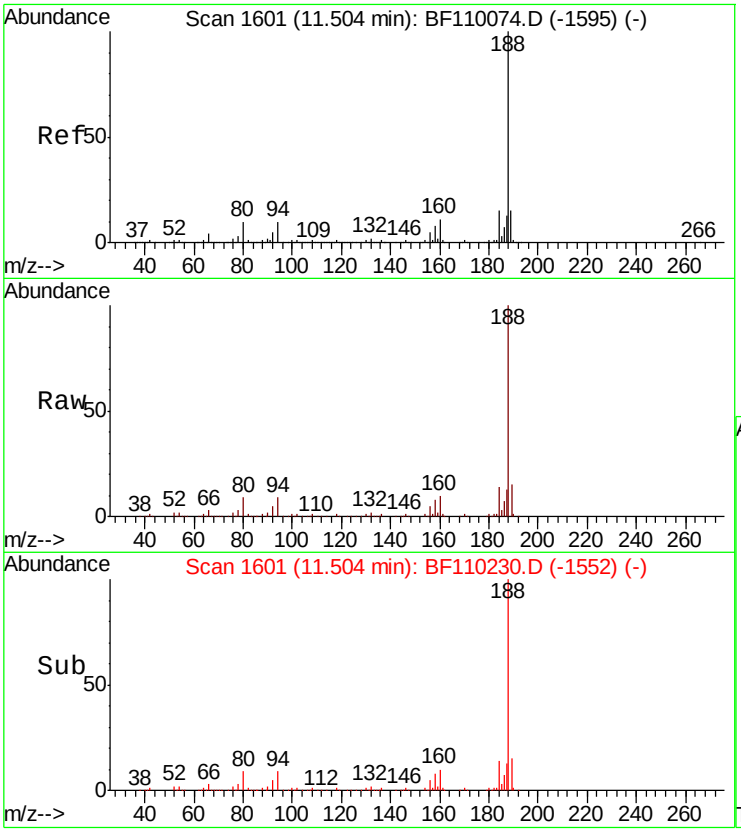


#50
Dimethylphthalate
Concen: 10.059 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:163 Resp: 131605

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.9	8.1	12.1



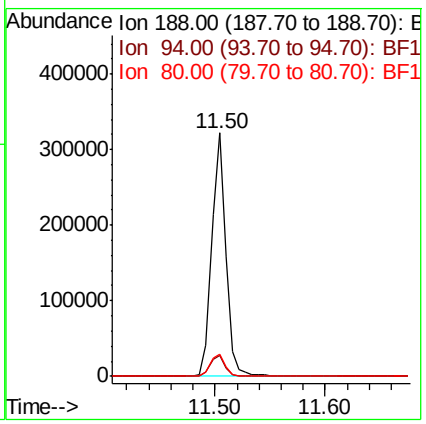


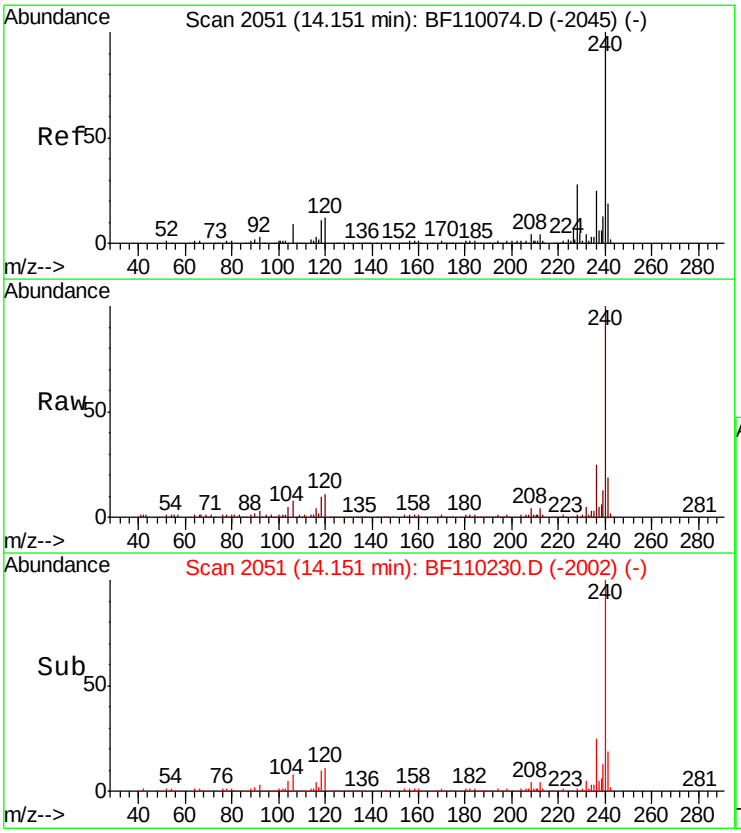
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion:188 Resp: 281499

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.3	7.9	11.9

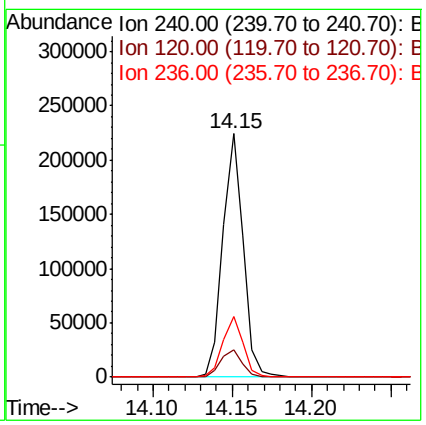


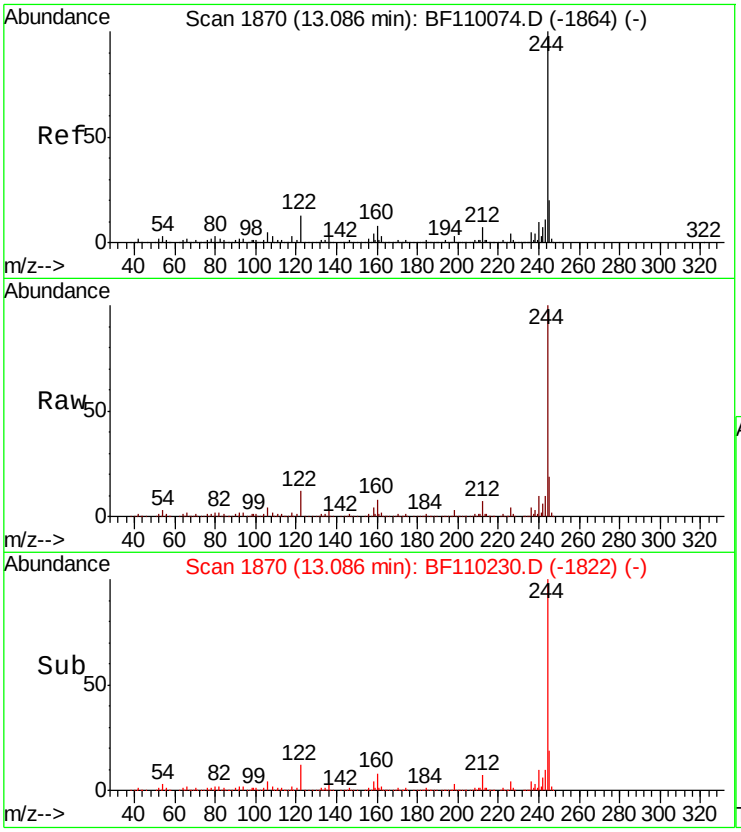


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:240 Resp: 200317

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	24.9	21.2	31.8



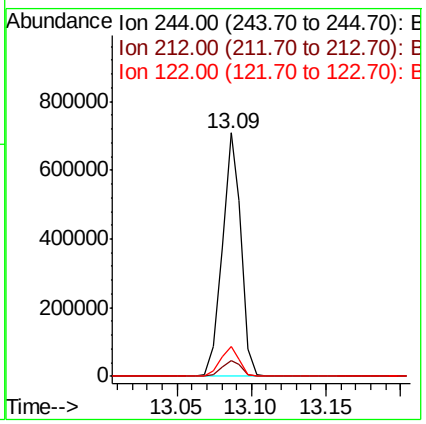


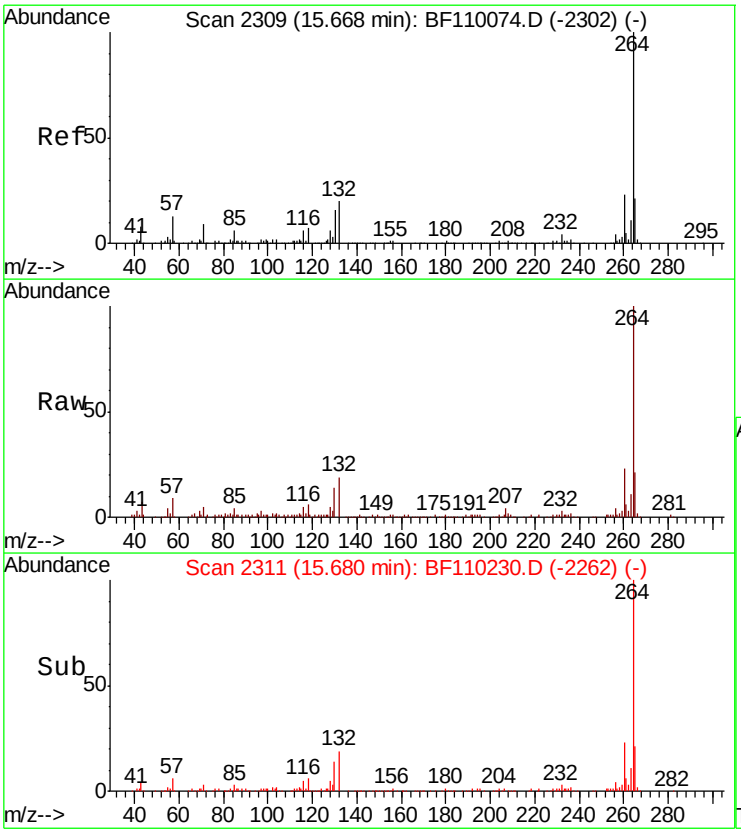
#79
Terphenyl-d14
Concen: 65.268 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Instrument :
BNA_F
ClientSampleId :
SP-SAMPLE

Tgt Ion:244 Resp: 628662

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.5	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110230.D
Acq: 27 Oct 2018 00:34

Tgt Ion:264 Resp: 139132

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.3	16.7	25.1