Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110283.D
Acq On : 30 Oct 2018 00:54
Operator : JU/SJ
Sample : J5194-11 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 08:49:28 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	104659	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	390879	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	148262	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	231797	20.00	ng	0.00
76) Chrysene-d12	14.16	240	172220	20.00	ng	0.00
87) Perylene-d12	15.69	264	119528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	118839	18.49	ng	0.00
7) Phenol-d6	6.58	99	150271	18.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	90010	13.66	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	17980	12.24	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	175676	18.61	ng	0.00
79) Terphenyl-d14	13.09	244	135114	16.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	500	Below Cal	#	1
51) 2,6-Dinitrotoluene	10.02	165	21950	9.311	ng #	25
77) Benzidine	12.83	184	161	Below Cal	#	1
78) Pyrene	12.96	202	27631	2.238	ng	97

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

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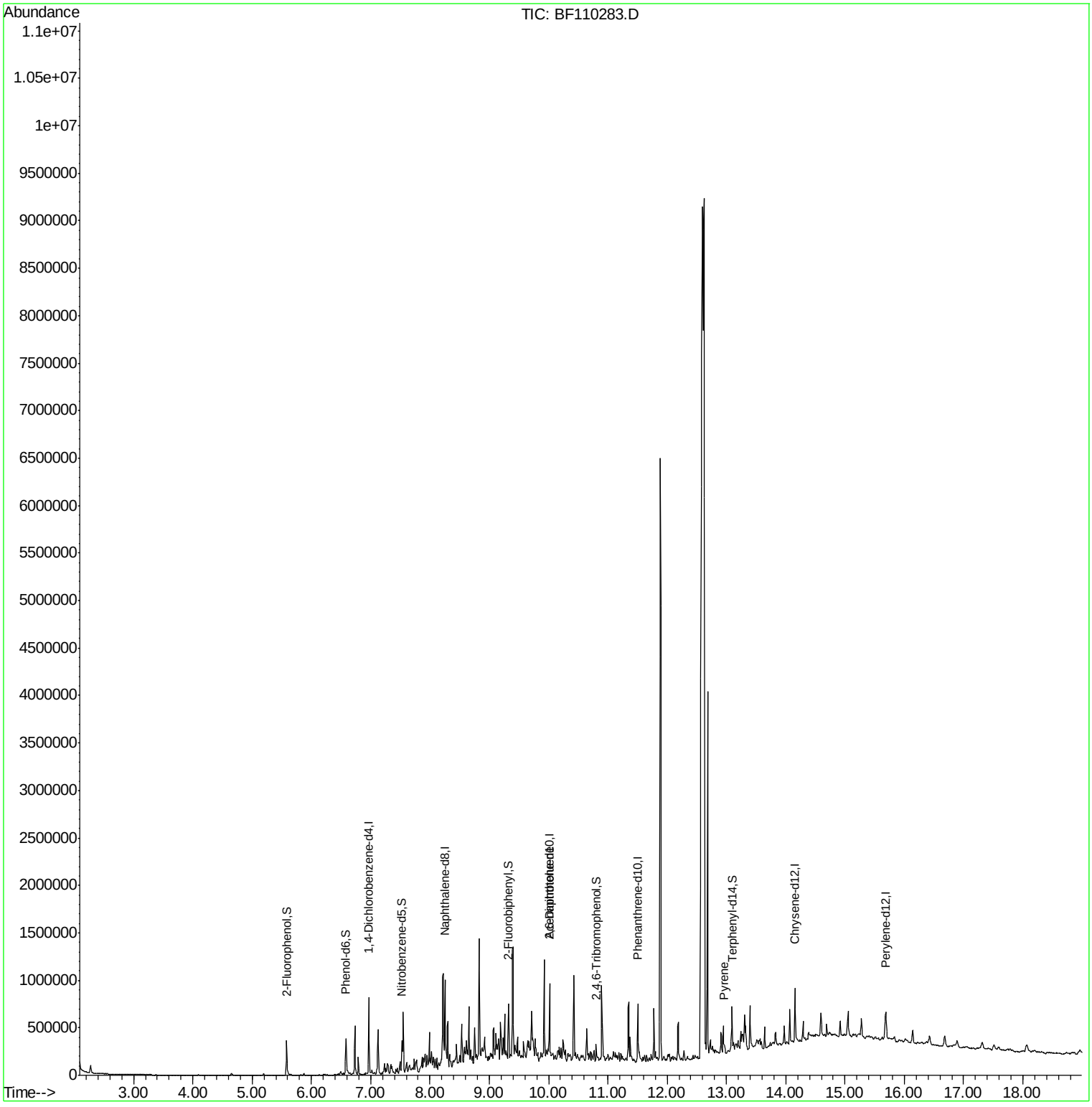
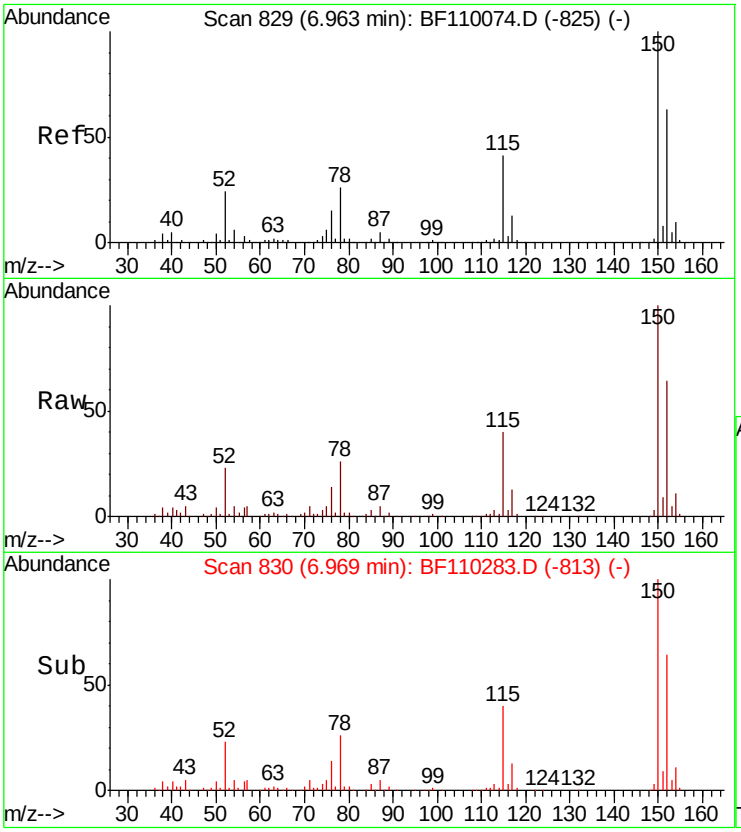


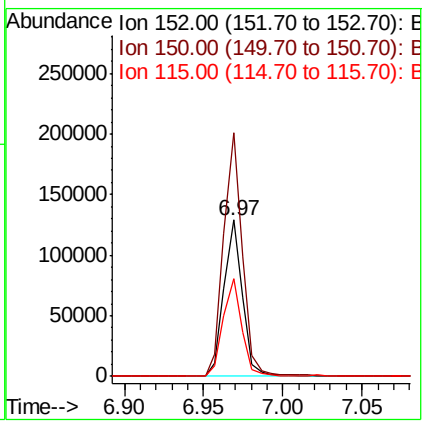


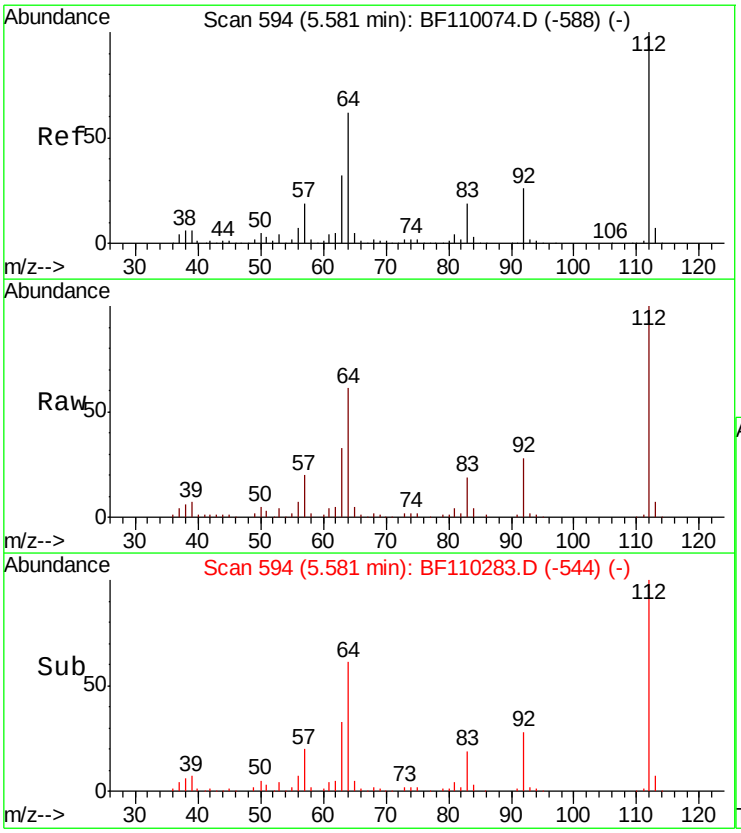
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104659

Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	62.2	49.1	73.7

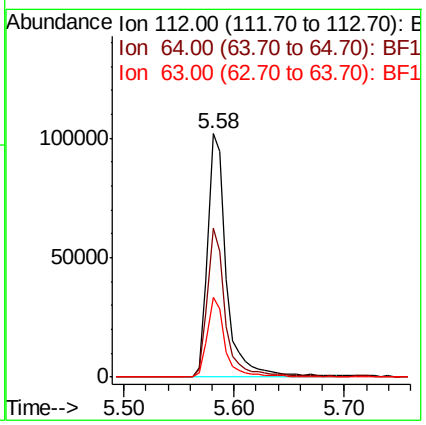


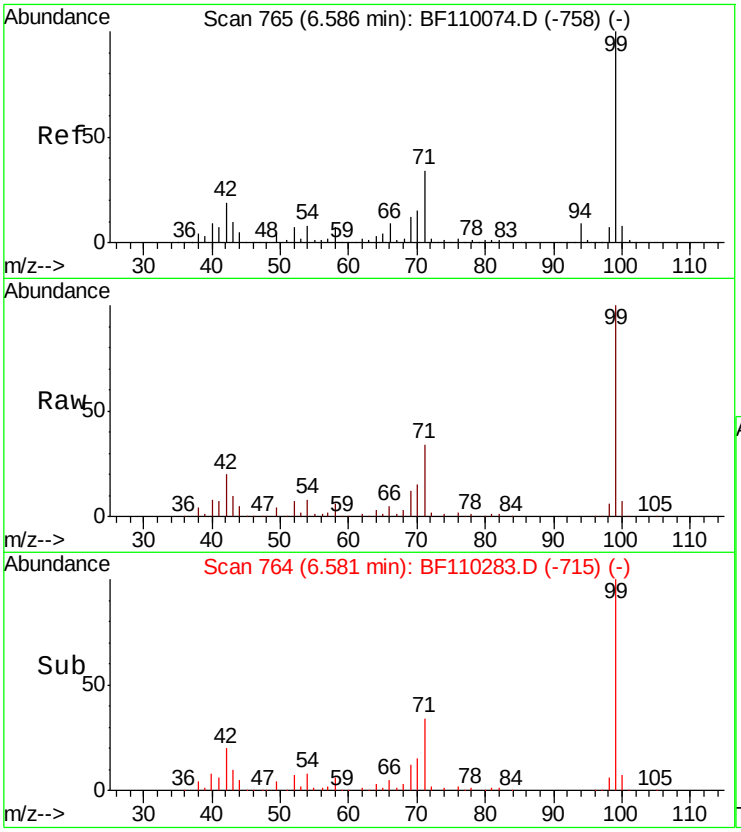


#5
2-Fluorophenol
Concen: 18.491 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:112 Resp: 118839

Ion	Ratio	Lower	Upper
112	100		
64	61.1	44.1	66.1
63	32.9	23.7	35.5



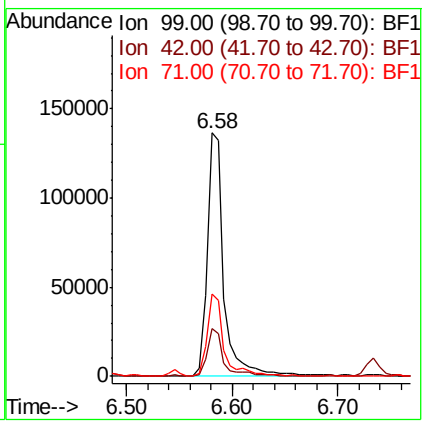


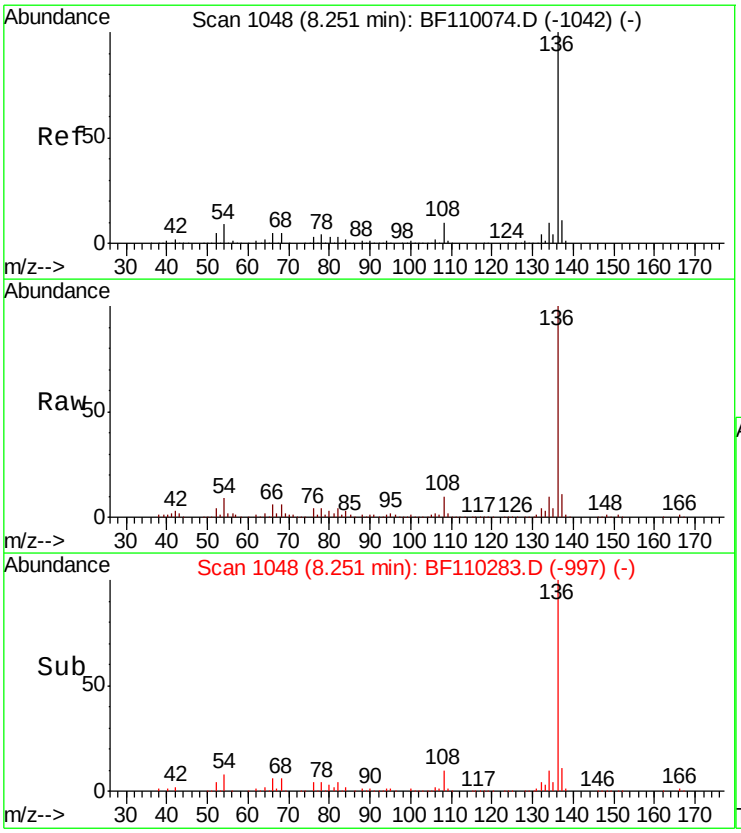
#7
Phenol-d6
Concen: 18.280 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 150271

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	33.9	28.0	42.0

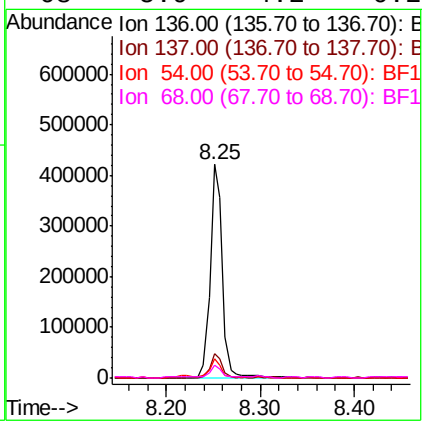


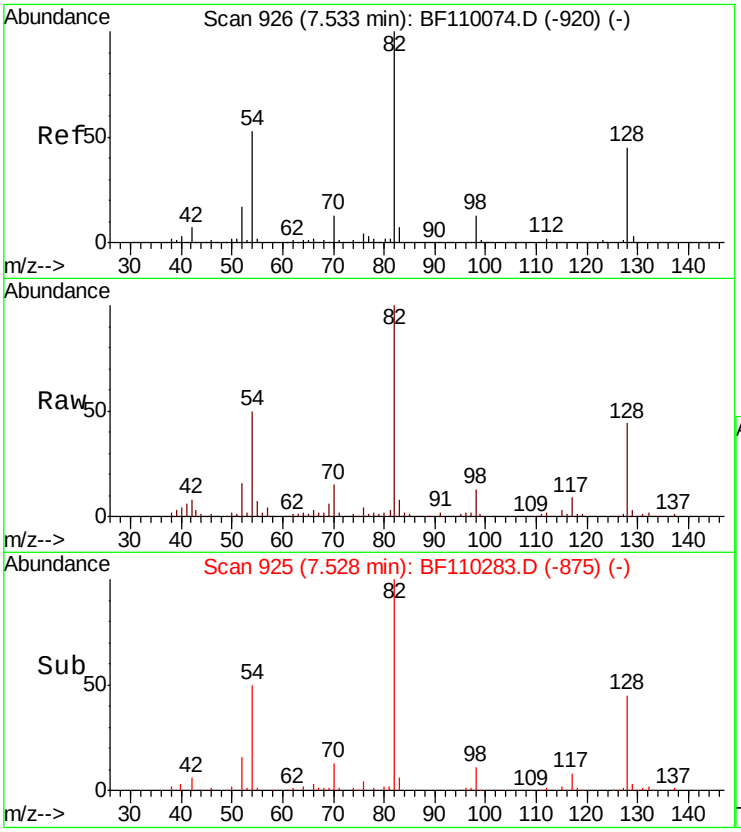


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:136 Resp: 390879

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.7	5.4	8.2#
68	5.9	4.2	6.2



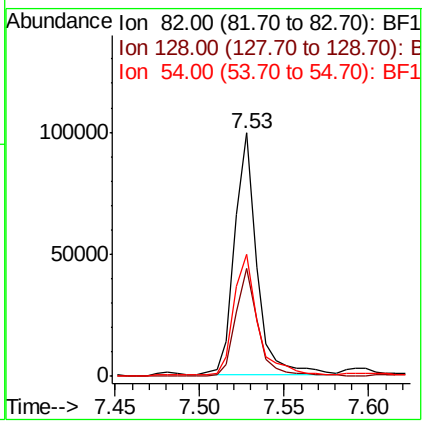


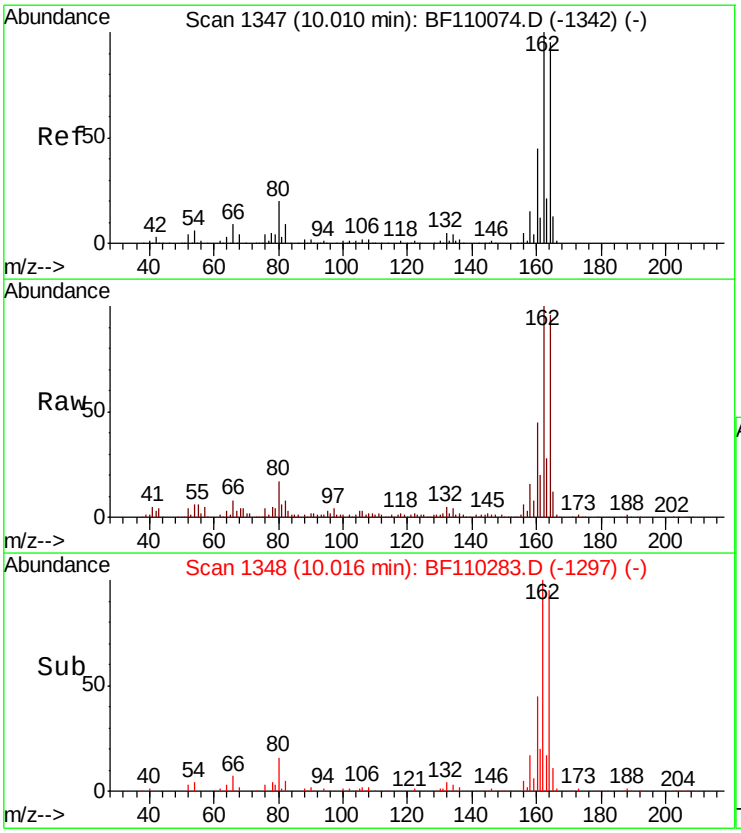
#23
Nitrobenzene-d5
Concen: 13.658 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 90010

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	50.3	38.6	58.0

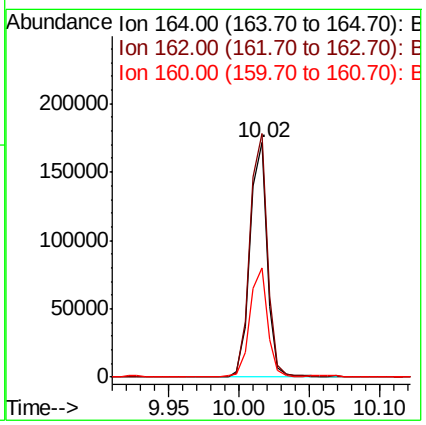


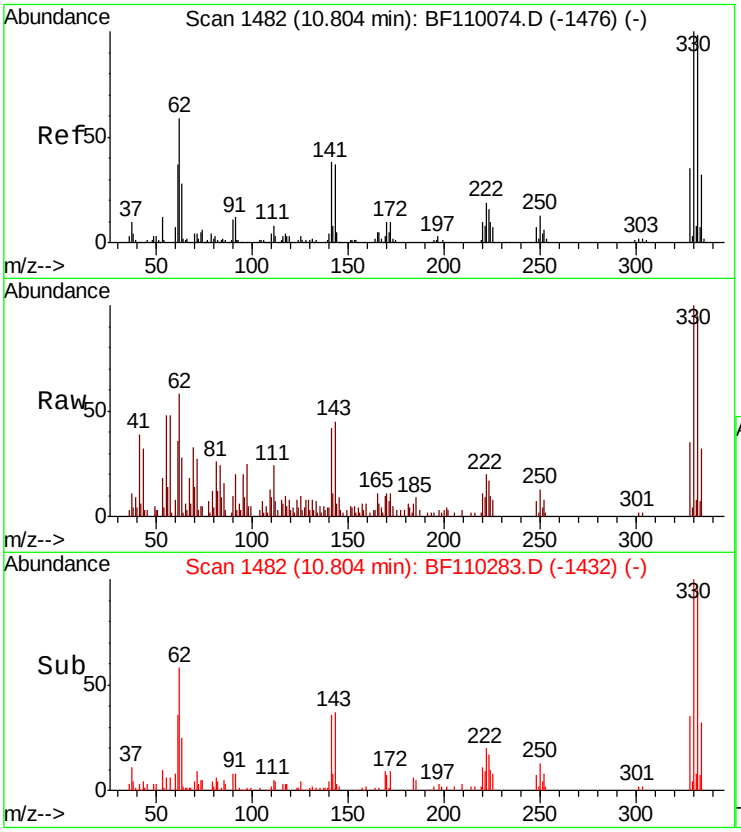


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:164 Resp: 148262

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.6
160	46.9	37.0	55.6



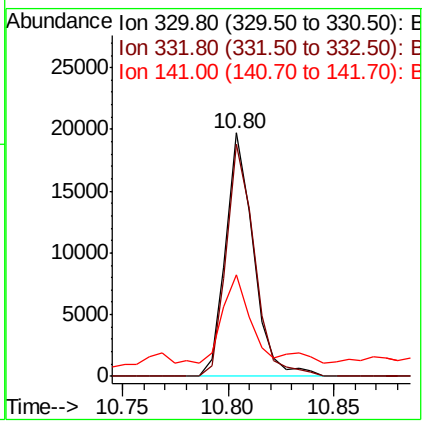


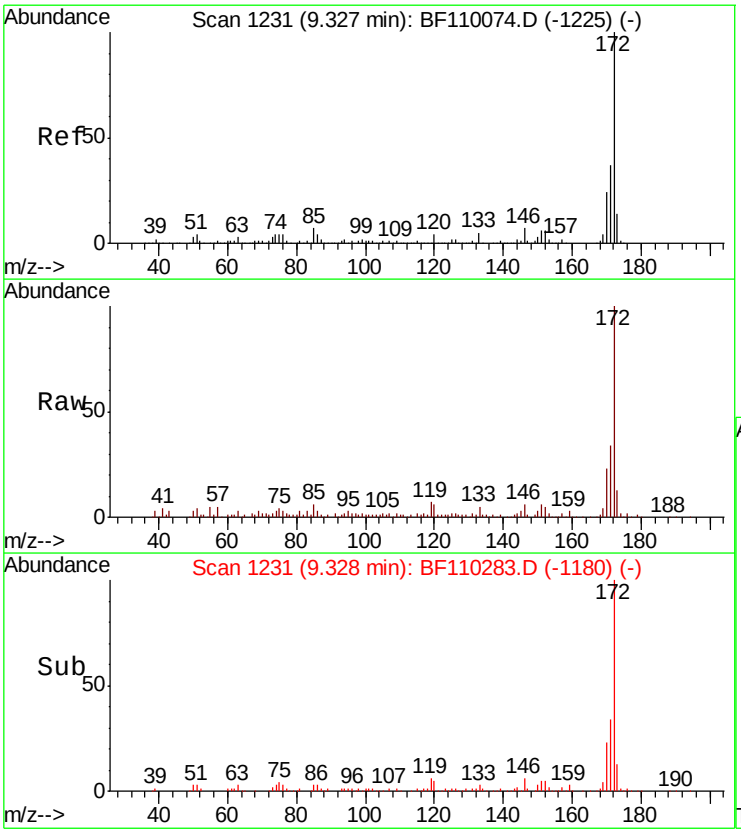
#42
2,4,6-Tribromophenol
Concen: 12.243 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 17980

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	39.1	27.0	40.4

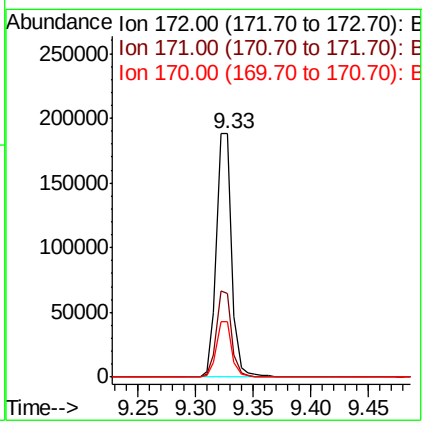


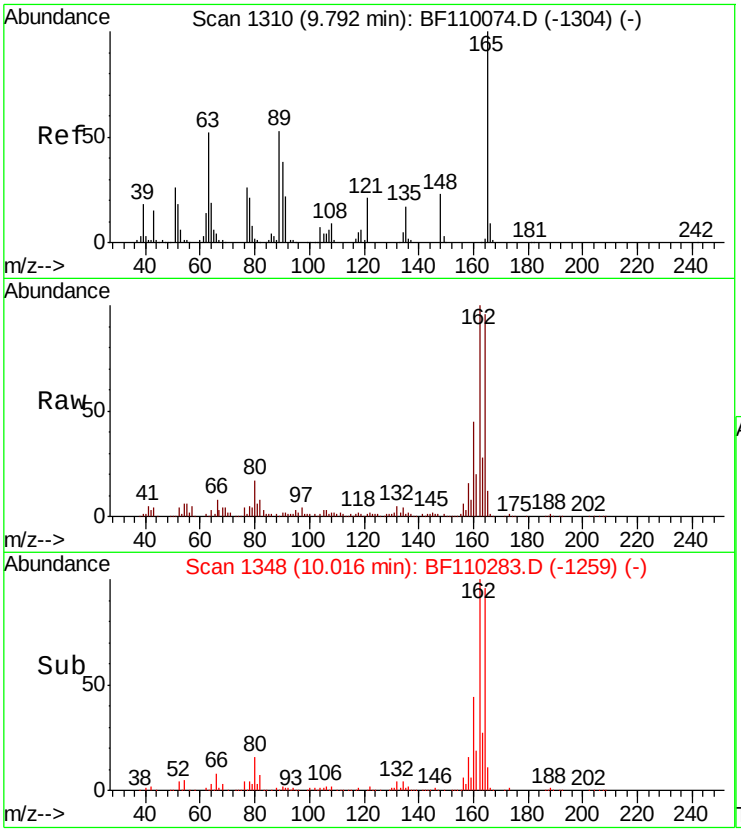


#45
2-Fluorobiphenyl
Concen: 18.606 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:172 Resp: 175676

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	23.0	19.7	29.5



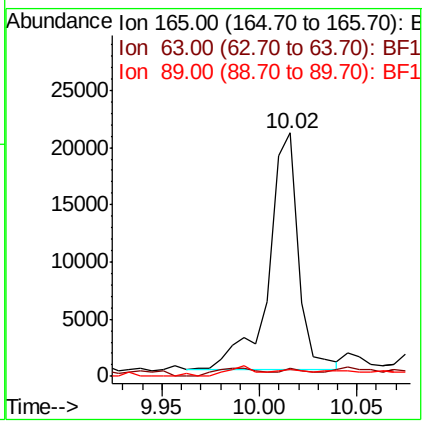


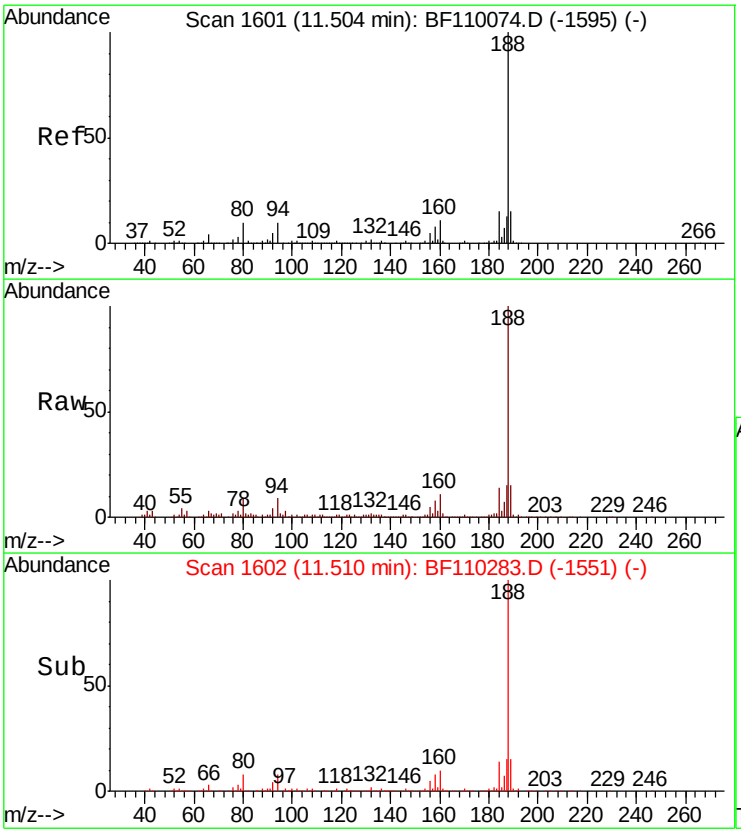
#51
2,6-Dinitrotoluene
Concen: 9.311 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21950

Ion	Ratio	Lower	Upper
165	100		
63	3.3	48.9	73.3#
89	2.9	46.6	69.8#

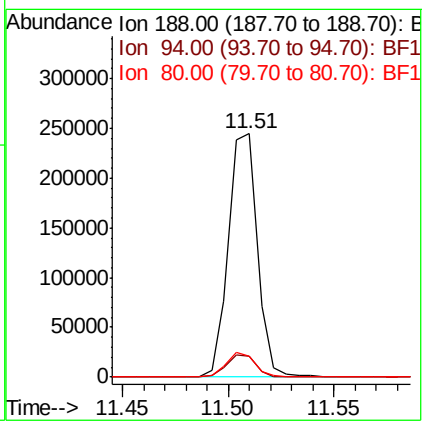


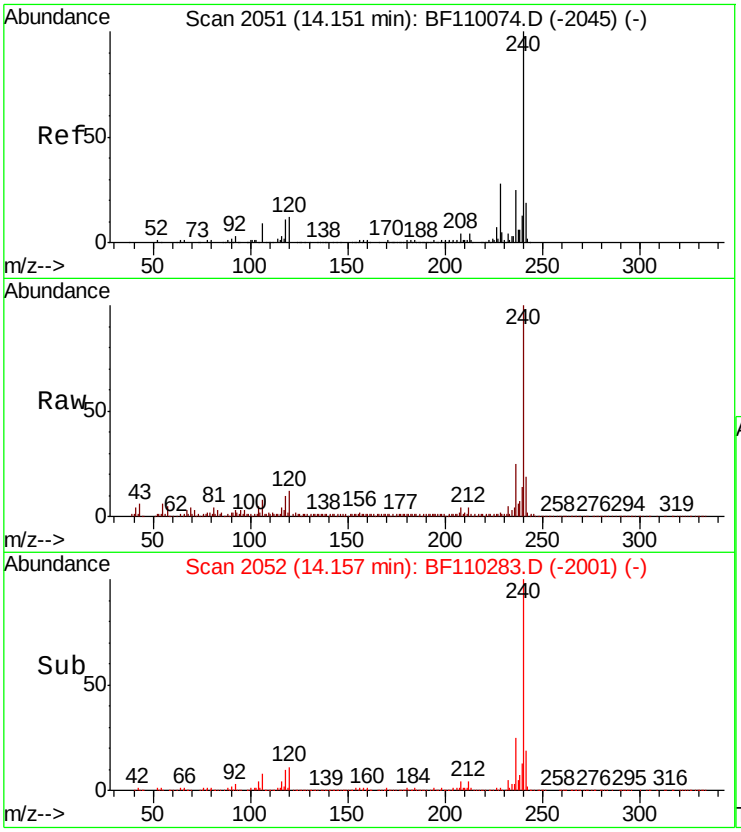


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:188 Resp: 231797

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.5	7.9	11.9



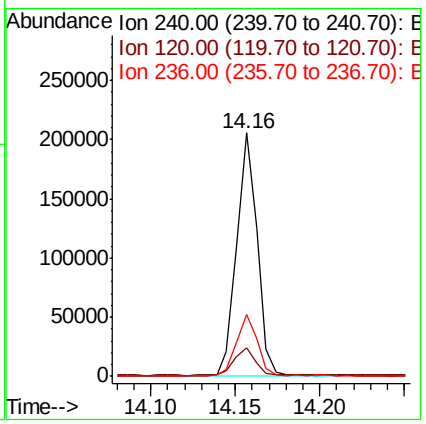


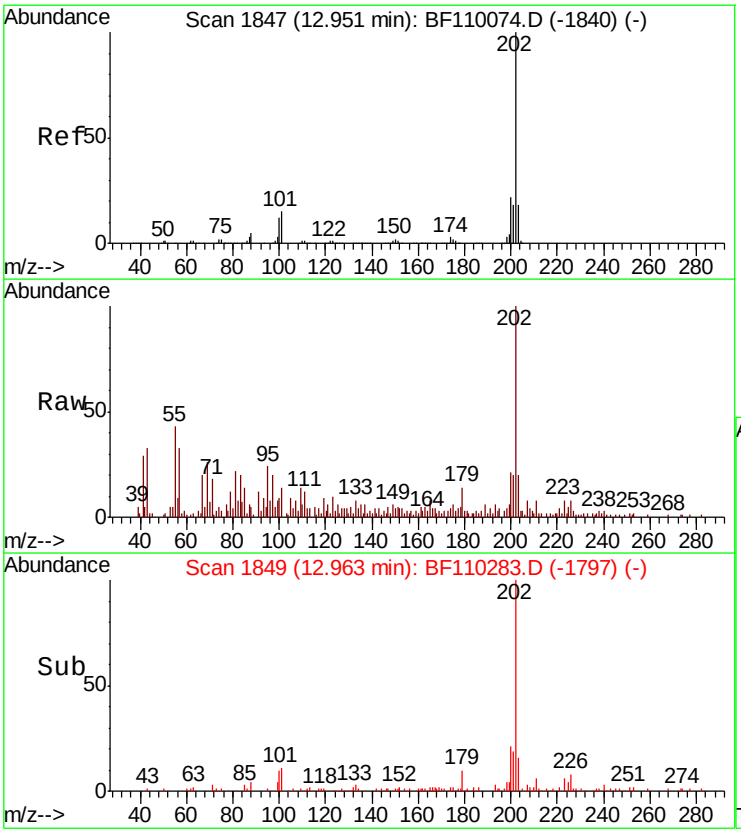
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 172220

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.5	21.2	31.8

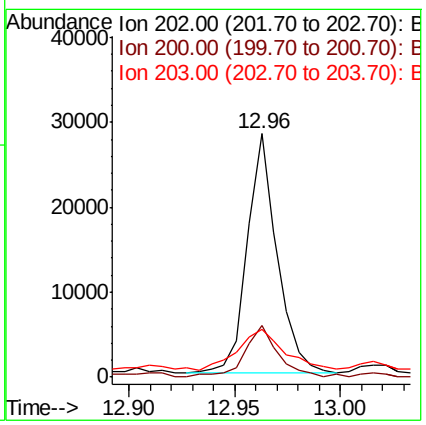


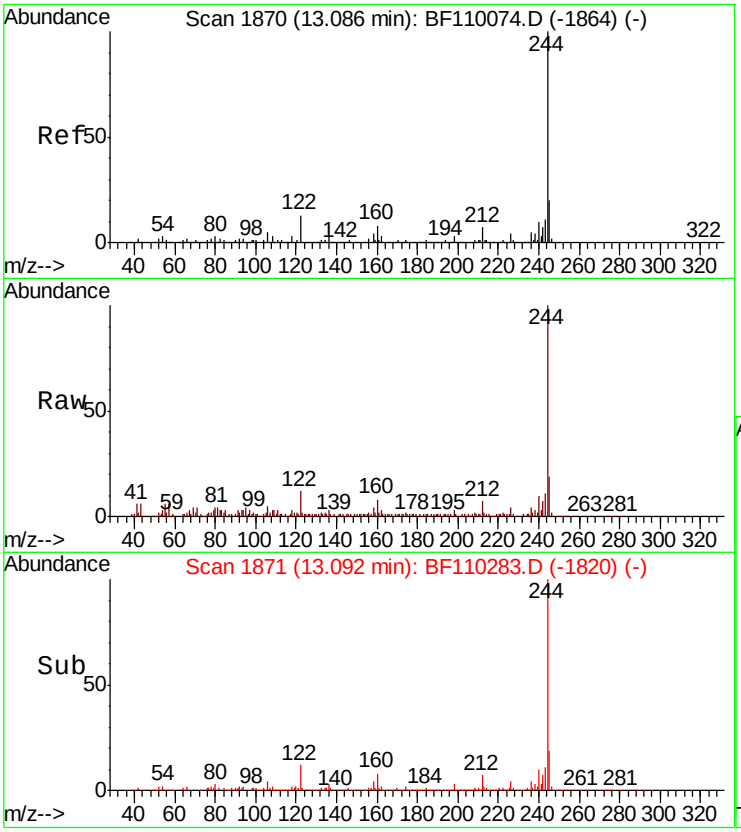


#78
Pyrene
Concen: 2.238 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:202 Resp: 27631

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	19.7	14.2	21.4



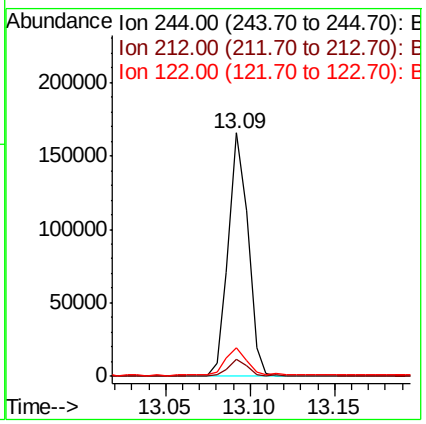


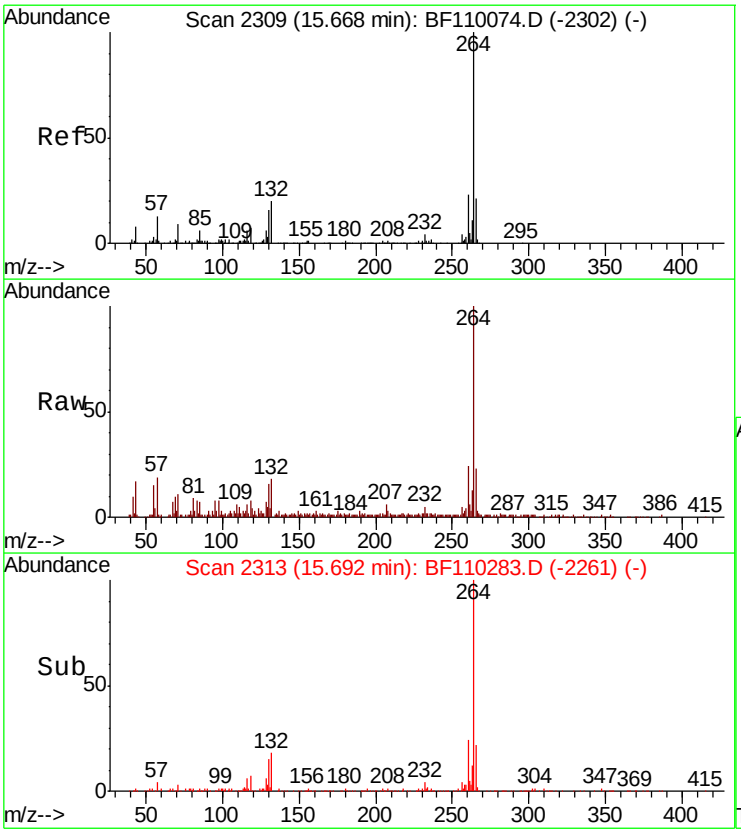
#79
Terphenyl-d14
Concen: 16.316 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 135114

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.0	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110283.D
Acq: 30 Oct 2018 00:54

Tgt Ion:264 Resp: 119528

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.8	16.7	25.1