Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113133.D
Acq On : 19 Mar 2019 18:46
Operator : JU/SJ
Sample : K1935-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5(7-8)

Quant Time: Mar 20 02:22:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174342	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	519954	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	223459	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	359913	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	268012	20.00	ng	0.00
87) Perylene-d12	15.27	264	217372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1029869	91.89	ng	0.00
7) Phenol-d6	6.37	99	1365087	96.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	667144	76.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	255714	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1040447	74.72	ng	-0.01
79) Terphenyl-d14	12.82	244	715948	51.78	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.38	94	87407	5.320	ng	96
50) Dimethylphthalate	9.47	163	132513	8.042	ng	98
75) Fluoranthene	12.44	202	45555	2.374	ng	97

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

Quantitation Report (LSC Reviewed)

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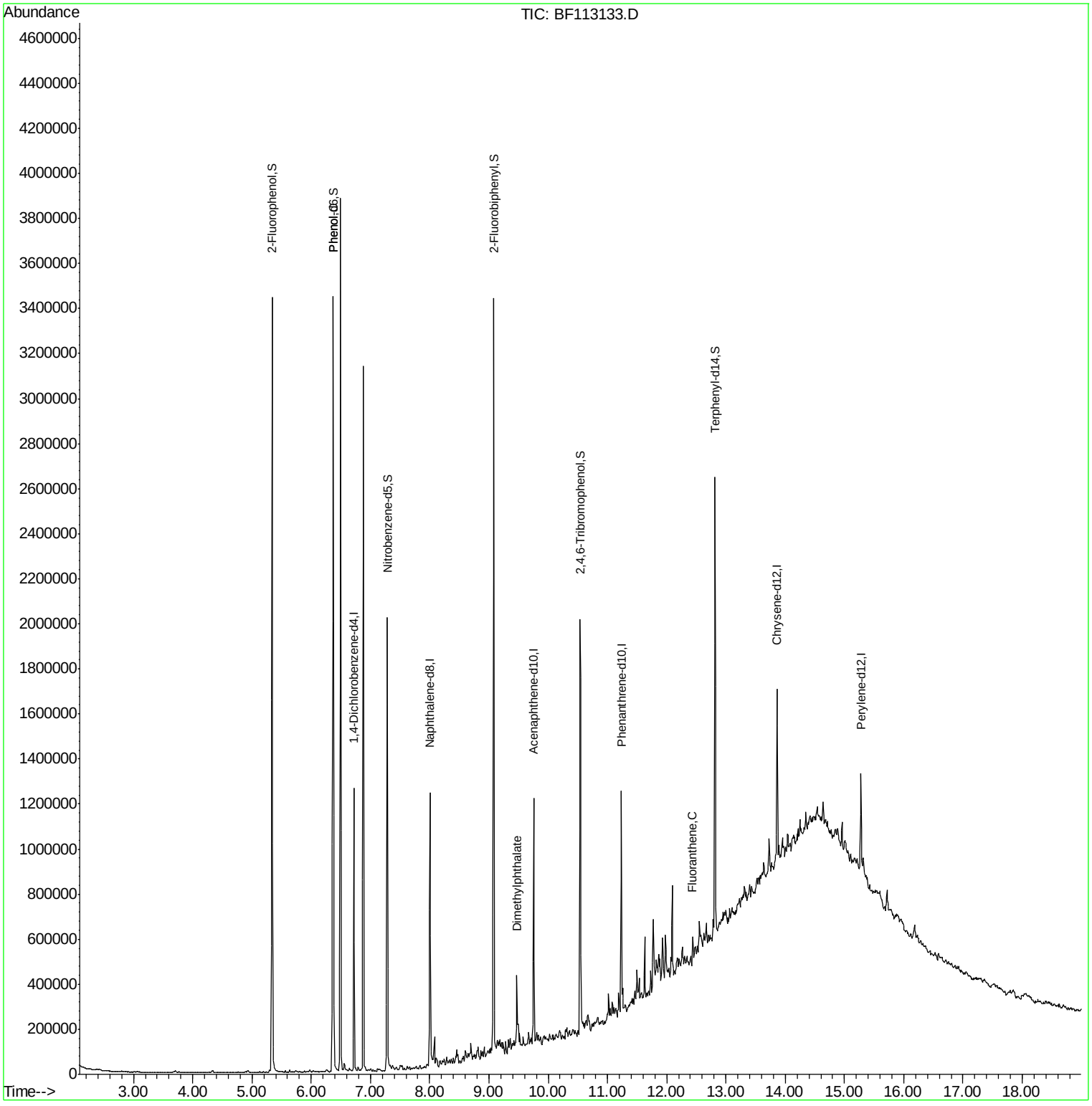
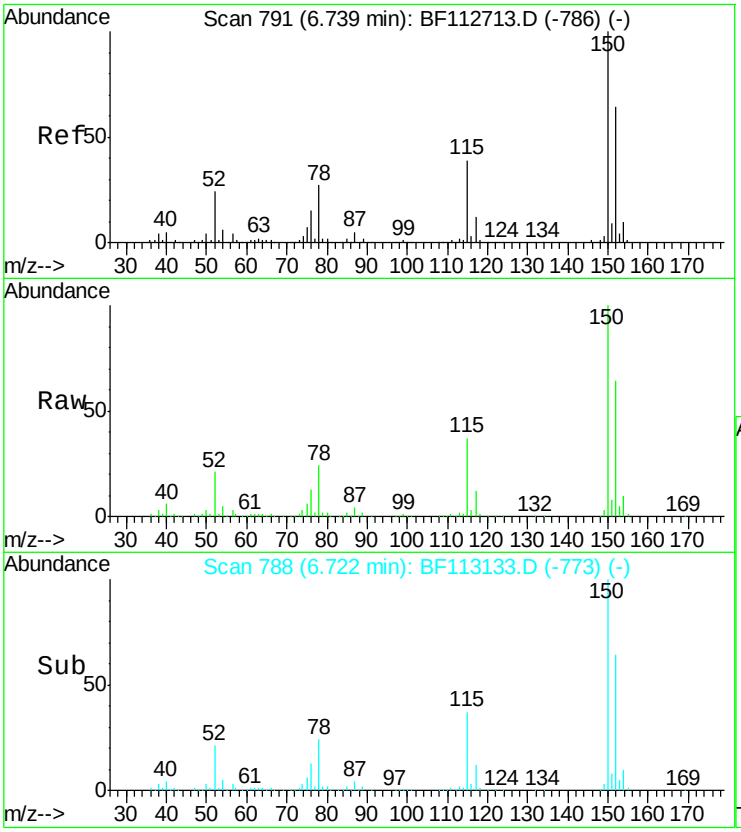


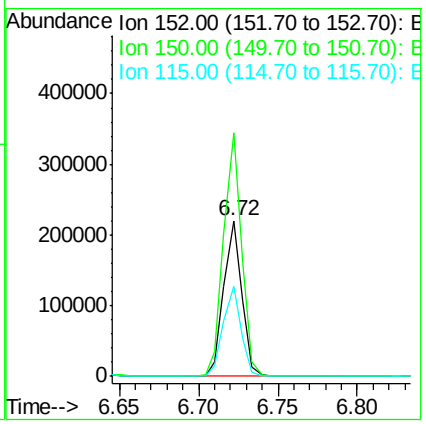


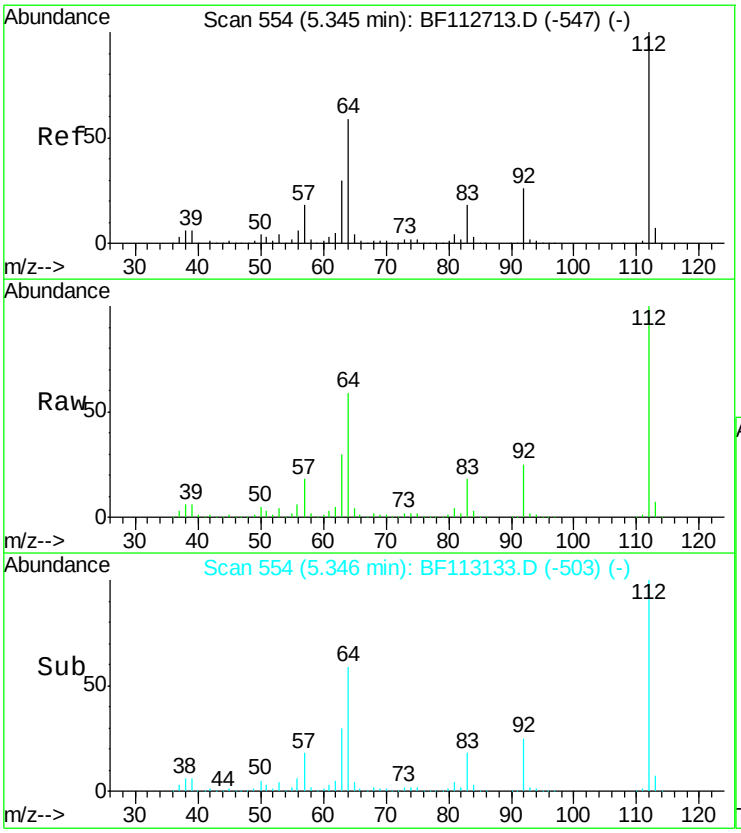
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:152 Resp: 174342

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	58.3	48.2	72.4

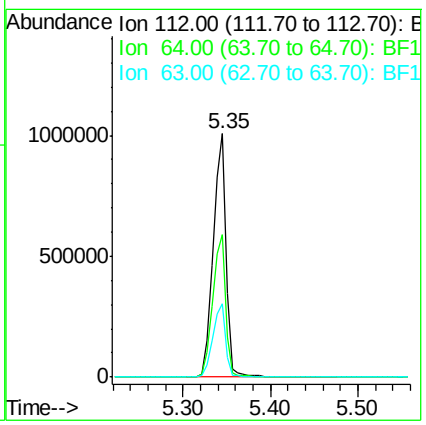


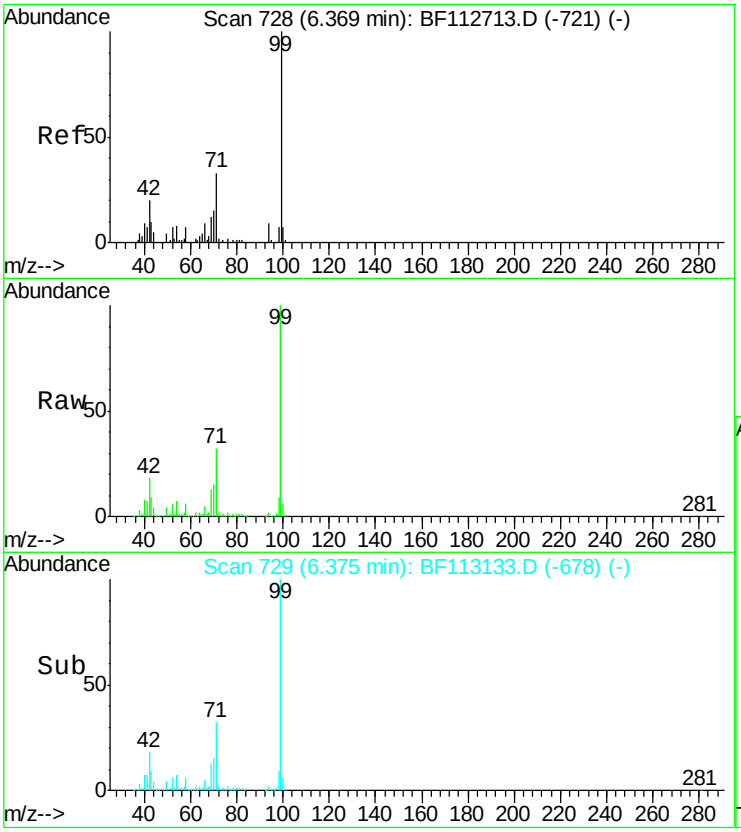


#5
2-Fluorophenol
Concen: 91.889 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:112 Resp: 1029869

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.6	71.4
63	30.4	24.4	36.6



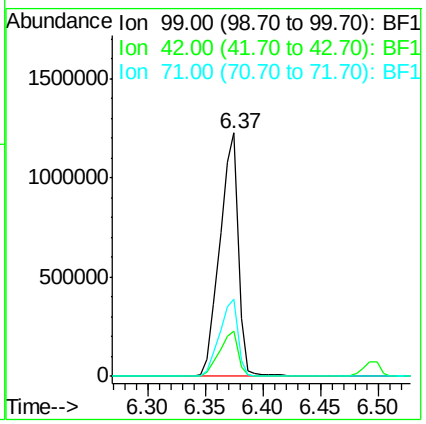


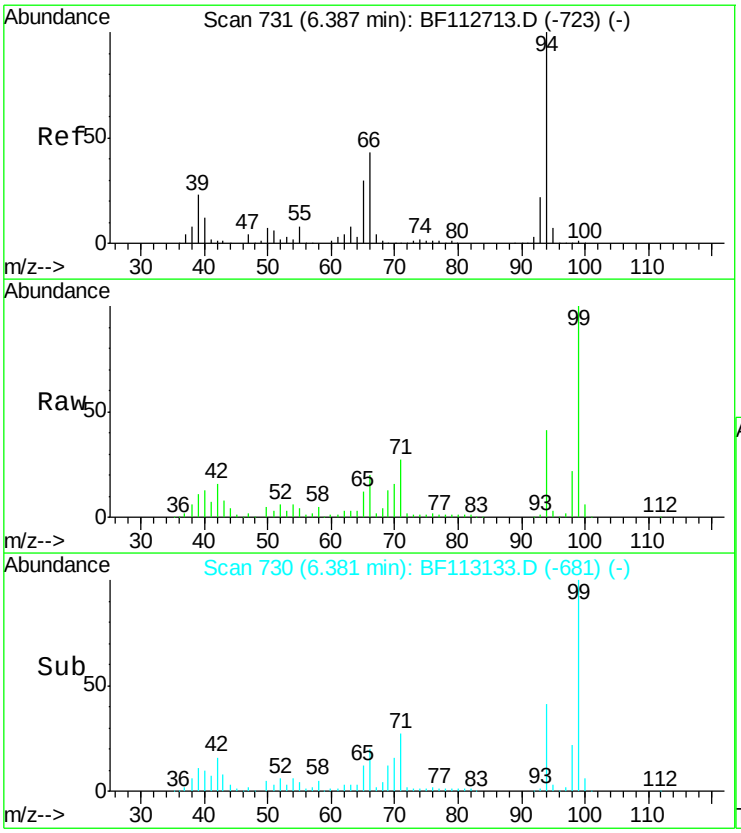
#7
Phenol-d6
Concen: 96.960 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion: 99 Resp: 1365087

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.7	26.2	39.4

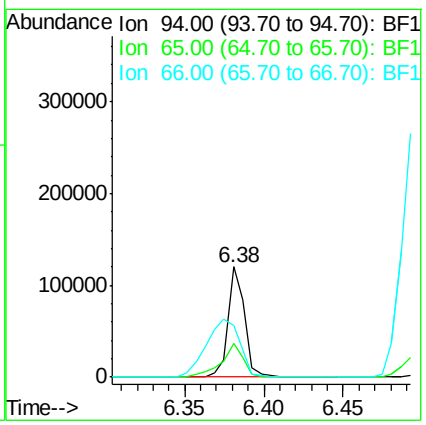


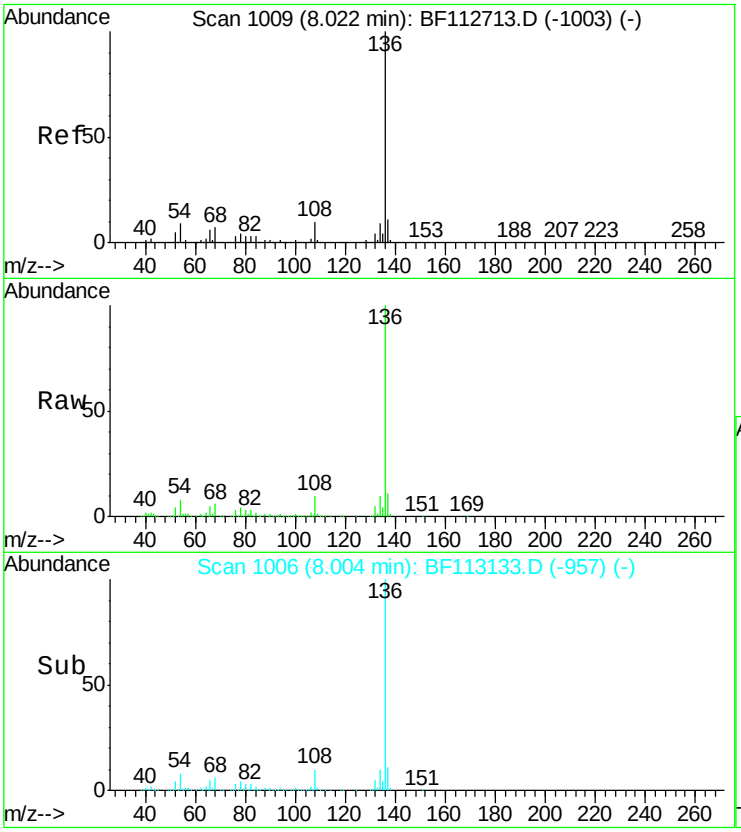


#10
Phenol
Concen: 5.320 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion: 94 Resp: 87407

Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.5	50.5
66	47.2	22.6	62.6



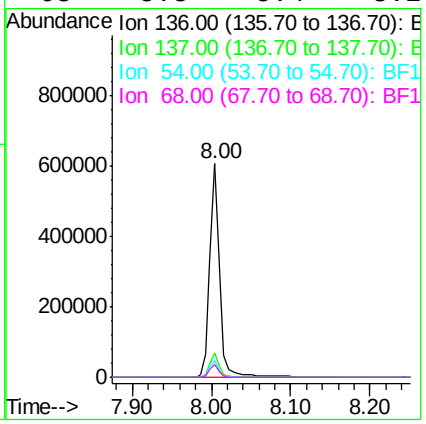


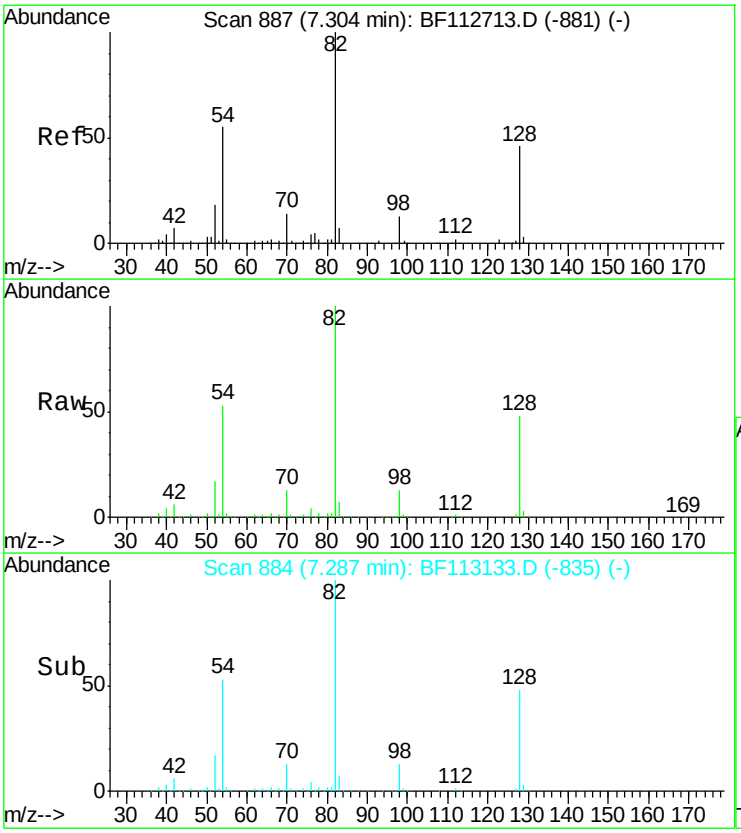
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:136 Resp: 519954

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	7.3	10.9
68	5.8	5.4	8.2

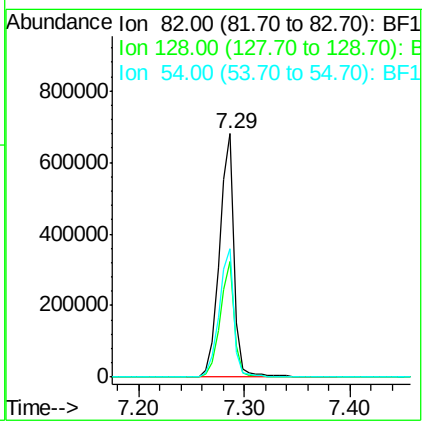


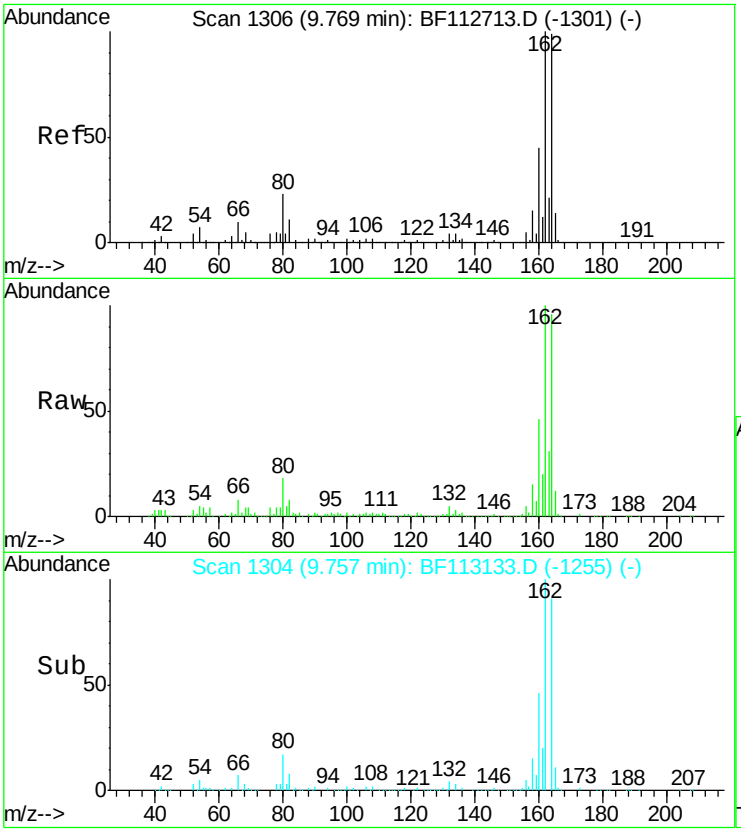


#23
Nitrobenzene-d5
Concen: 76.777 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion: 82 Resp: 667144

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.9	43.7	65.5



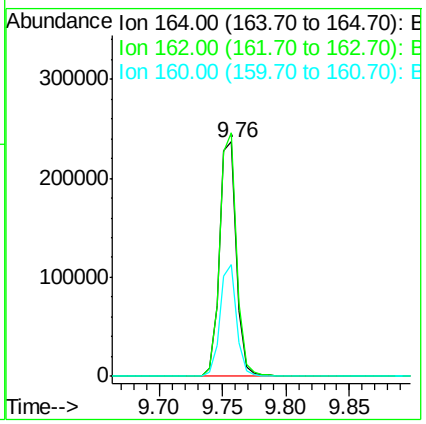


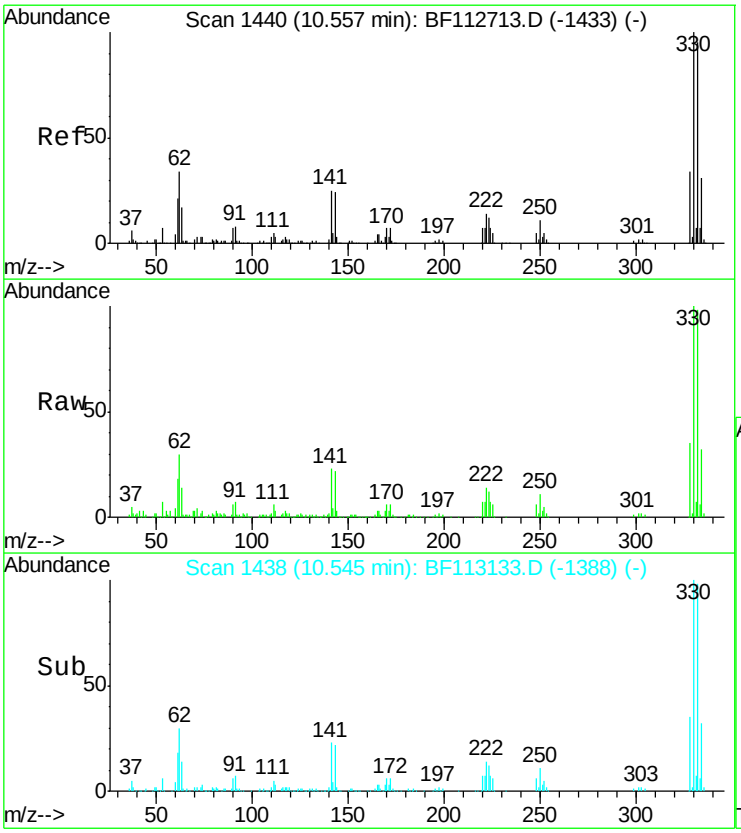
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:164 Resp: 223459

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	120.8
160	47.5	36.0	54.0

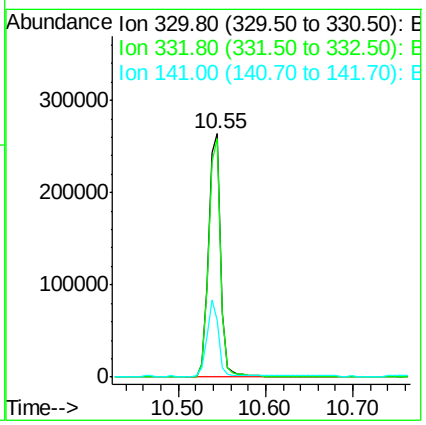


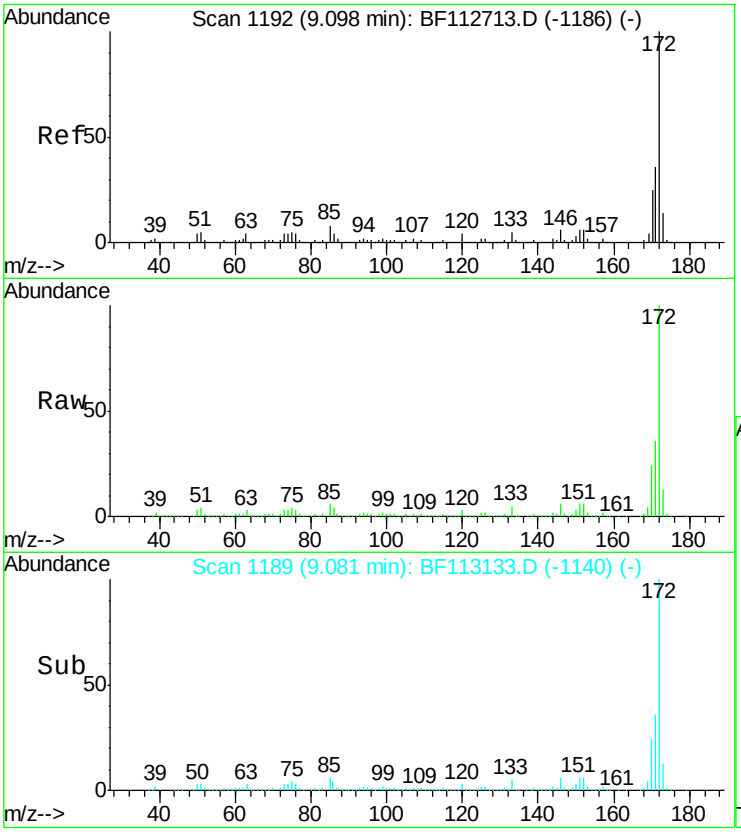


#42
2,4,6-Tribromophenol
Concen: 107.792 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:330 Resp: 255714

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	29.6	27.0	40.6



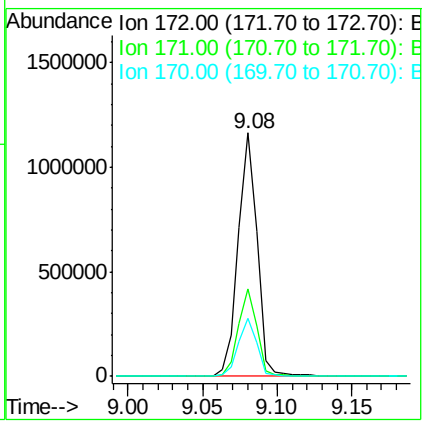


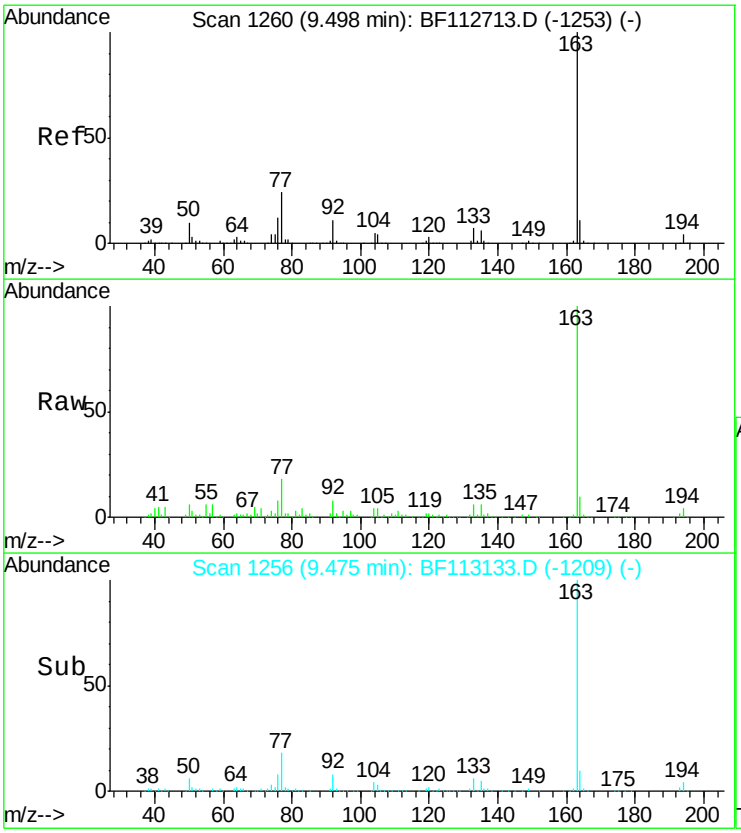
#45
2-Fluorobiphenyl
Concen: 74.720 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:172 Resp: 1040447

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.1	20.0	30.0

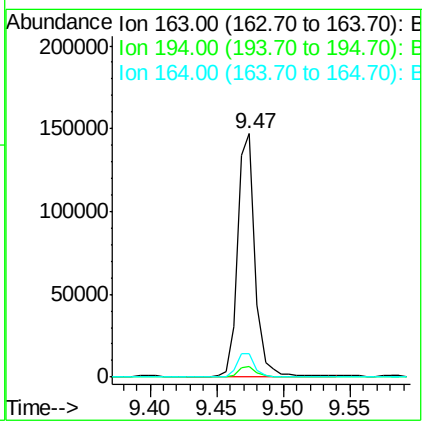


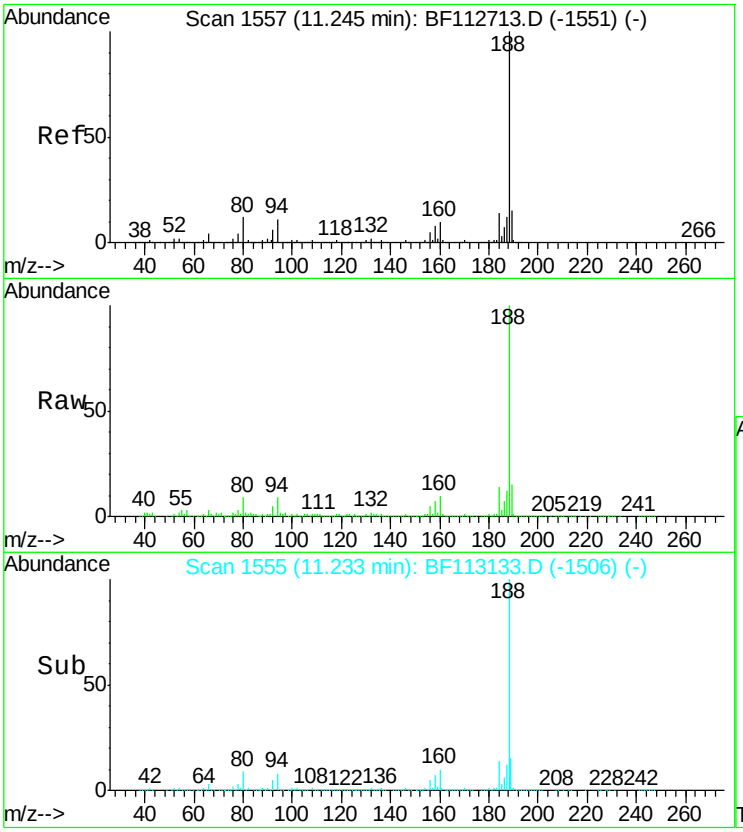


#50
Dimethylphthalate
Concen: 8.042 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:163 Resp: 132513

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.0	4.4
164	9.7	8.4	12.6



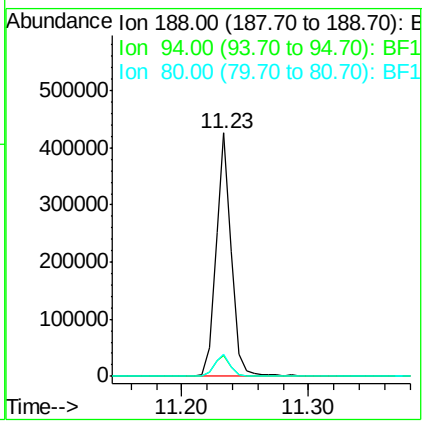


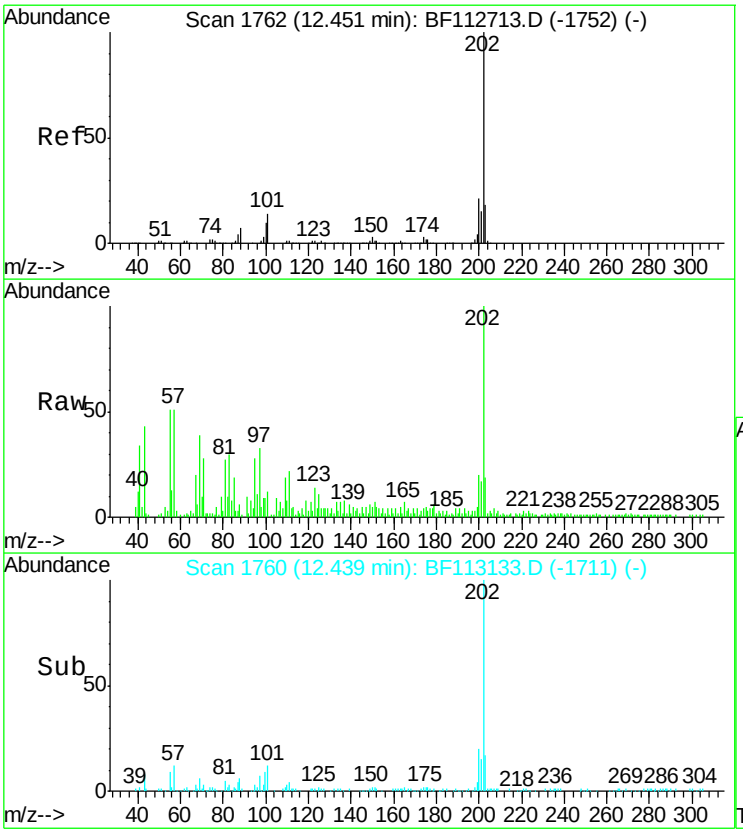
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:188 Resp: 359913

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.1	9.2	13.8#

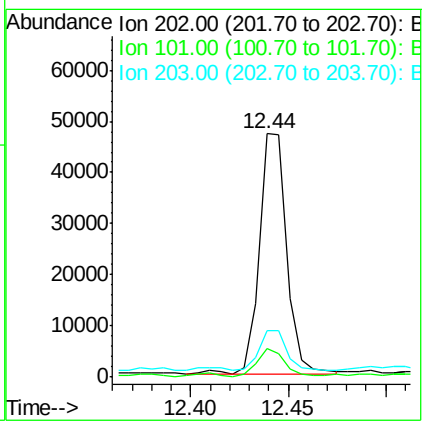


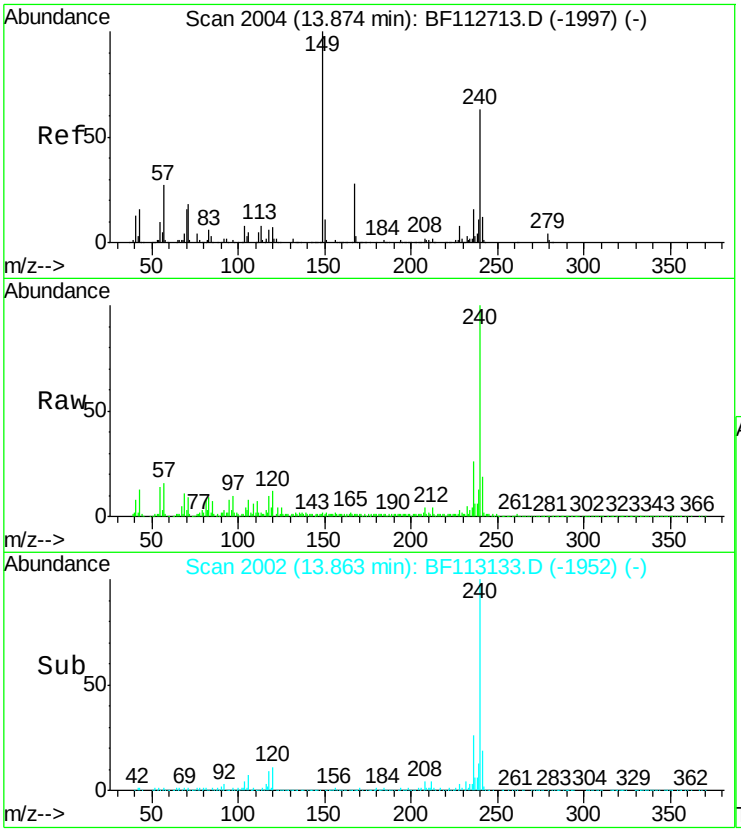


#75
Fluoranthene
Concen: 2.374 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:202 Resp: 45555

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.8
203	19.1	0.0	38.4



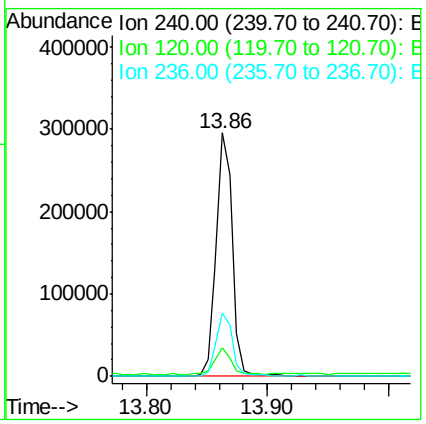


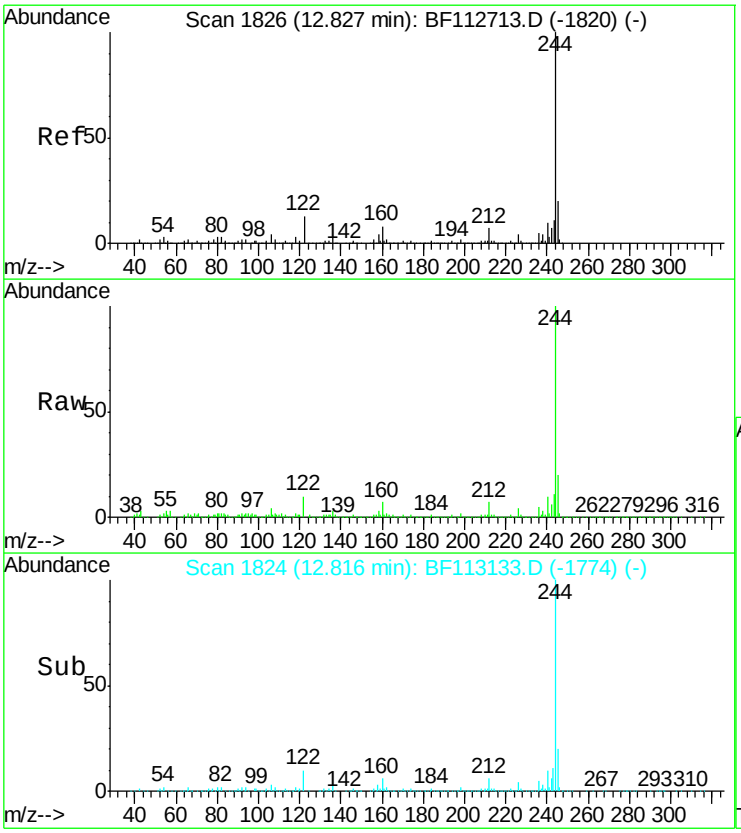
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:240 Resp: 268012

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	26.0	20.7	31.1

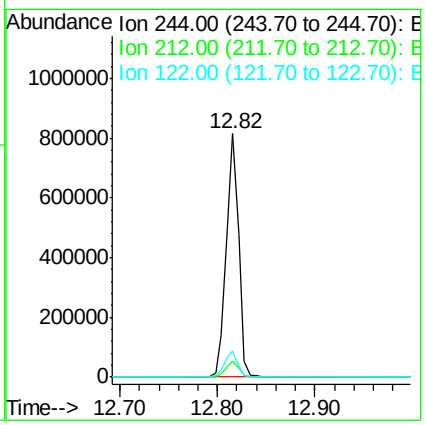


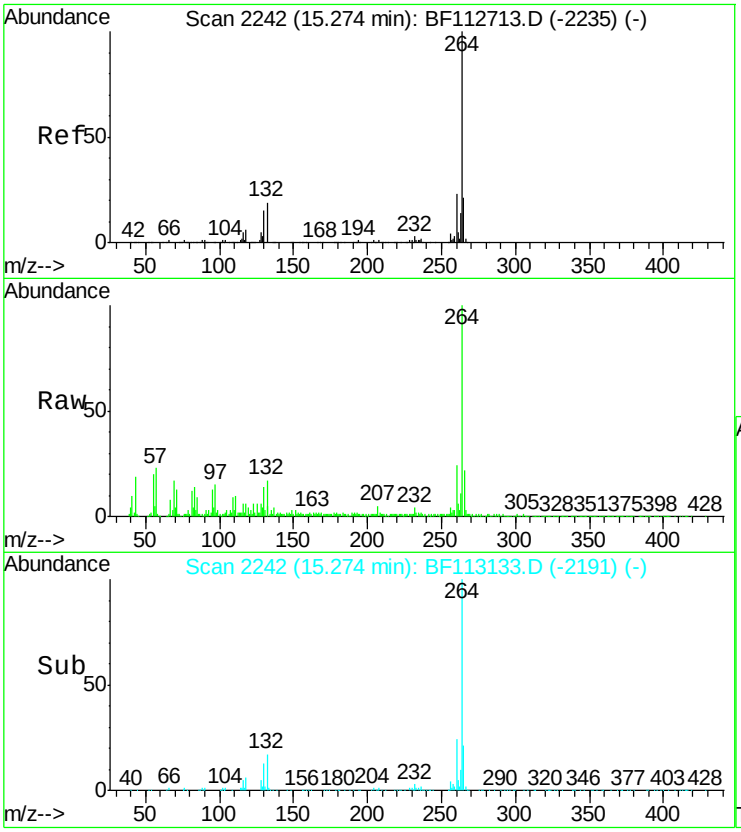


#79
Terphenyl-d14
Concen: 51.784 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:244 Resp: 715948

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.5	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:264 Resp: 217372

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.9	17.2	25.8