Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113148.D
Acq On : 20 Mar 2019 2:37
Operator : JU/SJ
Sample : K1933-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-6

Quant Time: Mar 20 07:18:46 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	192335	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	627044	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	266904	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	432246	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	398201	20.00	ng		0.00
87) Perylene-d12	15.27	264	291670	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1084132	87.68	ng		0.00
7) Phenol-d6	6.37	99	1502505	96.74	ng		0.00
23) Nitrobenzene-d5	7.29	82	744695	71.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	250018	88.24	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1077164	62.32	ng		-0.01
79) Terphenyl-d14	12.82	244	828105	40.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.26	77	54831	4.899	ng		96
10) Phenol	6.39	94	85905	4.740	ng		87
15) Benzyl Alcohol	6.86	79	90183	7.615	ng		98
17) 2-Methylphenol	6.86	107	42832	3.836	ng	#	12
19) n-Nitroso-di-n-propylamine	7.29	70	97923	9.955	ng	#	76
25) Isophorone	7.29	82	730714	32.368	ng	#	66
32) Benzoic acid	7.75	122	17756	2.805	ng		95
50) Dimethylphthalate	9.47	163	207224	10.530	ng		98
57) 2,4-Dinitrotoluene	9.76	165	34705	6.813	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.54	198	387	4.810	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	13968	3.068	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113148.D
Acq On : 20 Mar 2019 2:37
Operator : JU/SJ
Sample : K1933-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
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S-6

Quant Time: Mar 20 07:18:46 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
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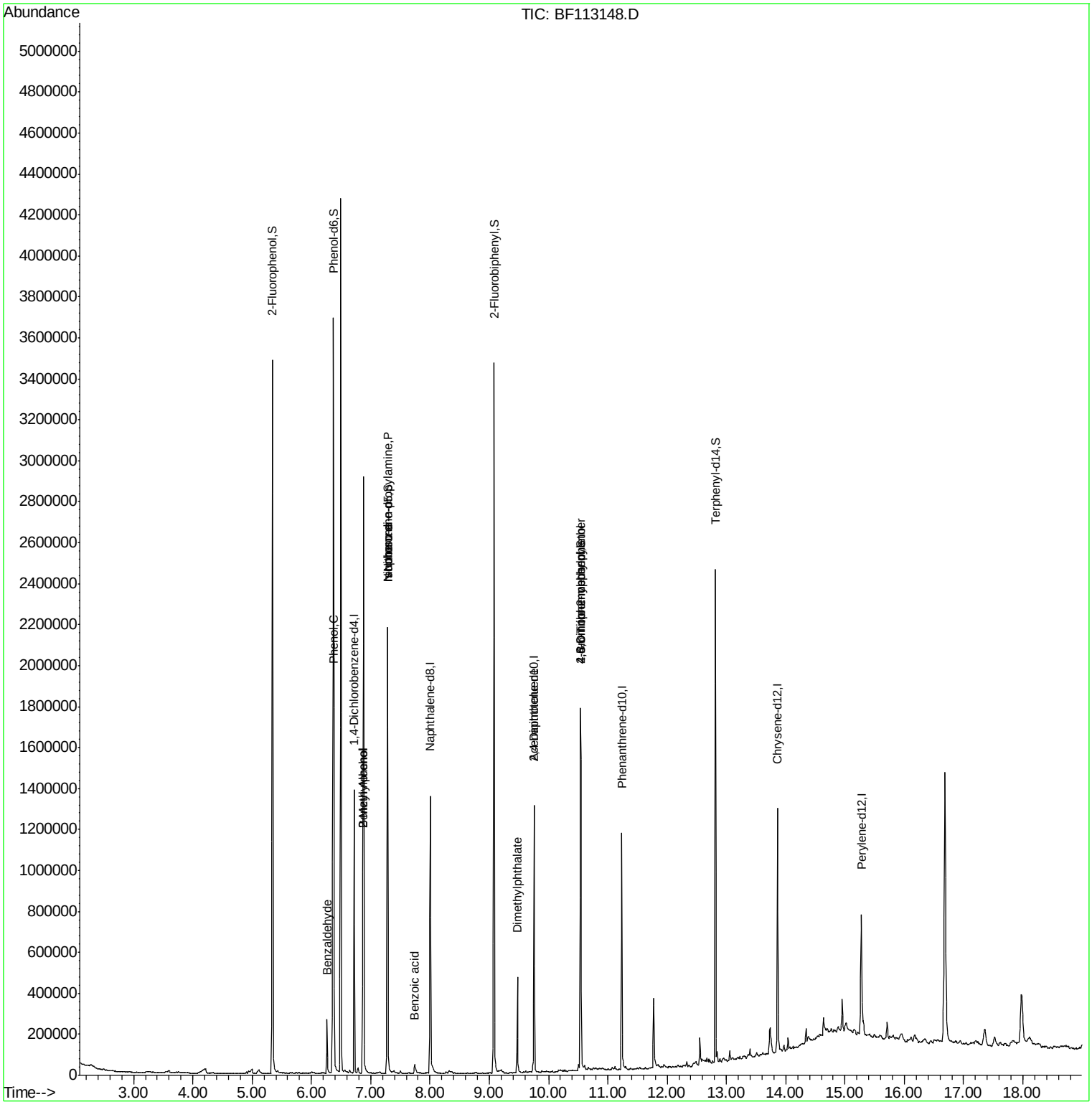
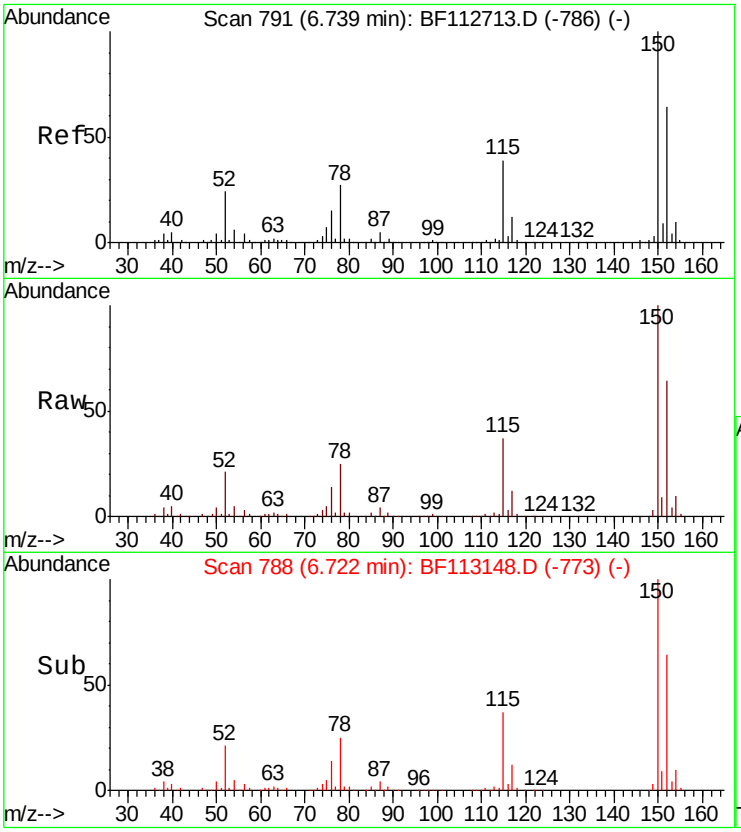


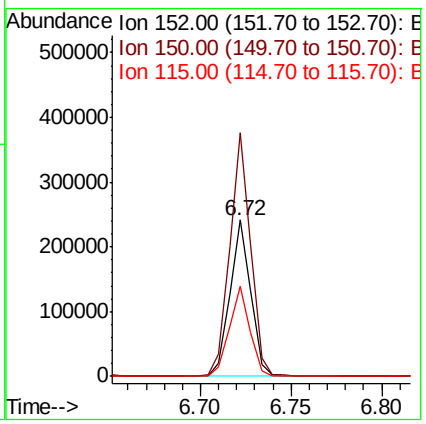


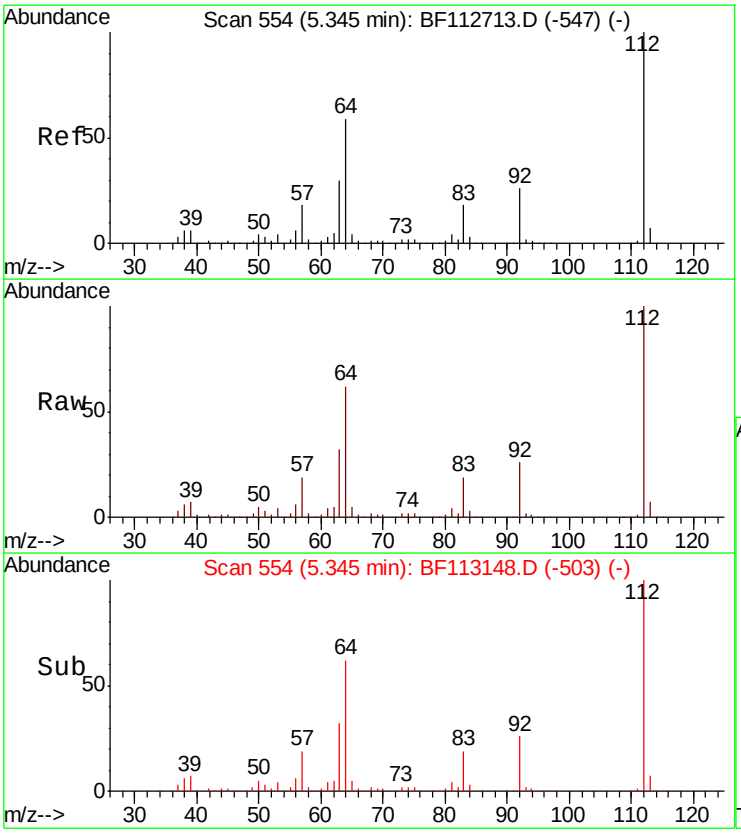
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:152 Resp: 192335

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	58.0	48.2	72.4

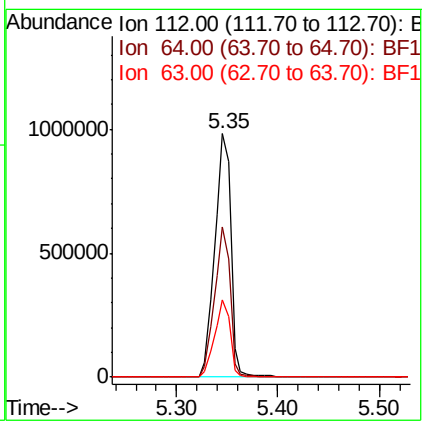


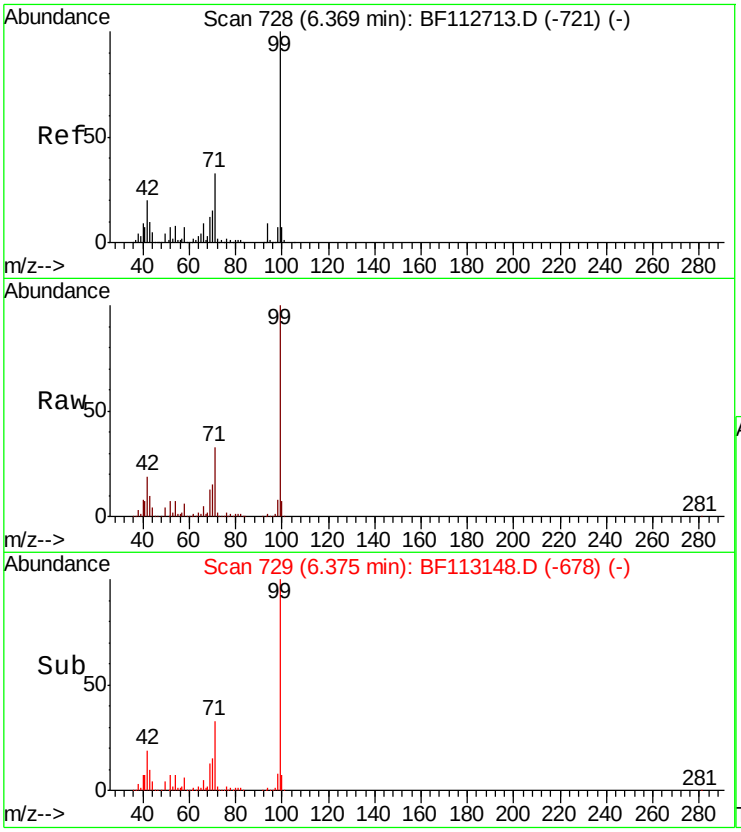


#5
2-Fluorophenol
Concen: 87.681 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:112 Resp: 1084132

Ion	Ratio	Lower	Upper
112	100		
64	61.8	47.6	71.4
63	31.8	24.4	36.6



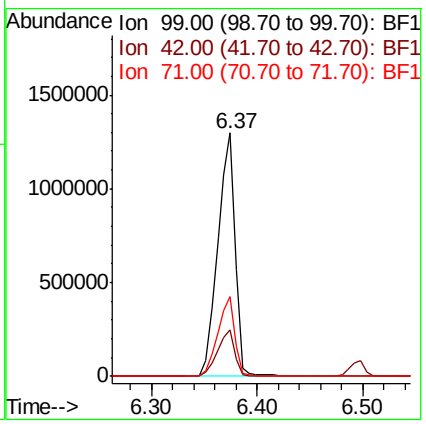


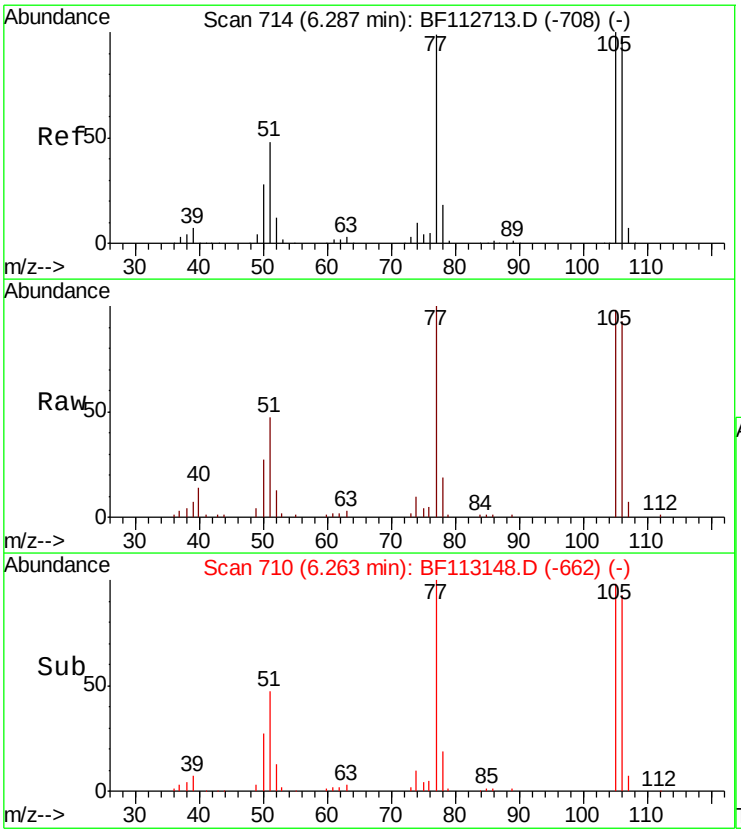
#7
Phenol-d6
Concen: 96.737 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 99 Resp: 1502505

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.3	24.5
71	32.9	26.2	39.4

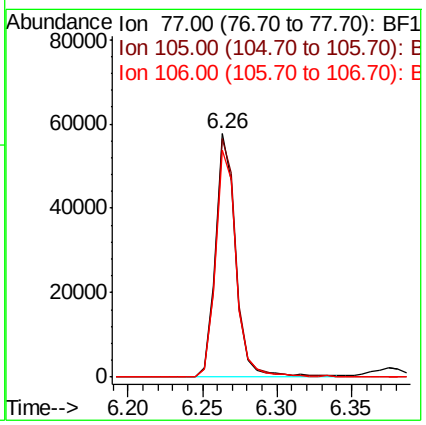


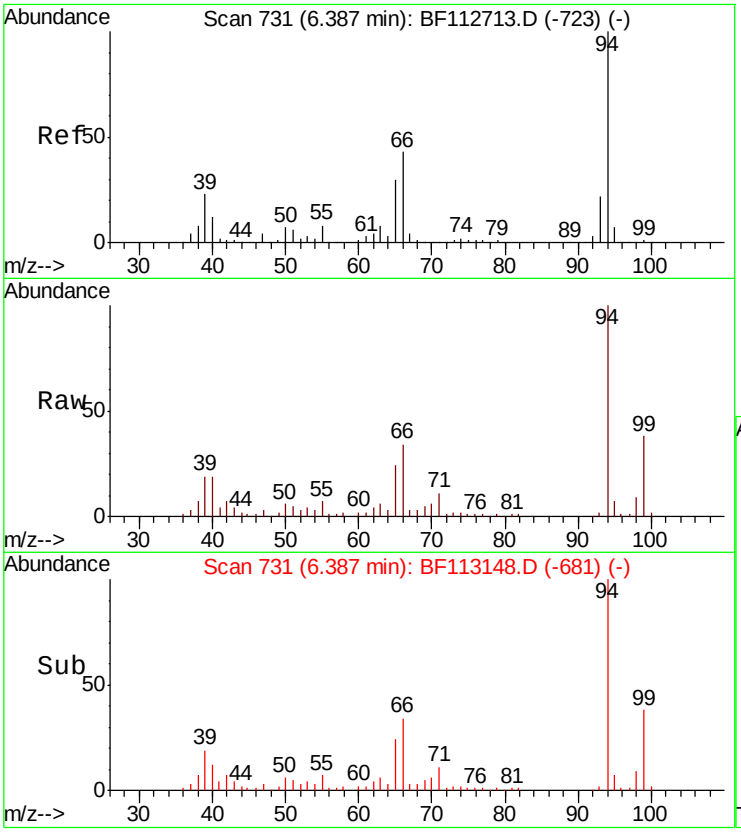


#9
Benzaldehyde
Concen: 4.899 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion: 77 Resp: 54831

Ion	Ratio	Lower	Upper
77	100		
105	97.8	81.4	121.4
106	93.3	78.3	118.3



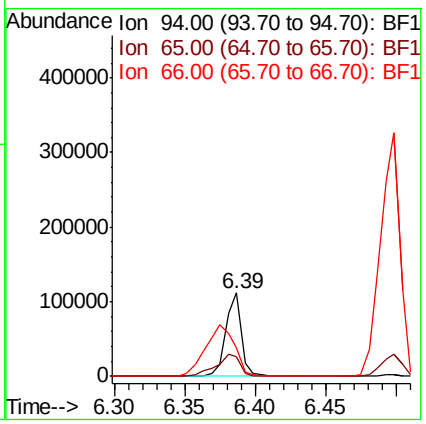


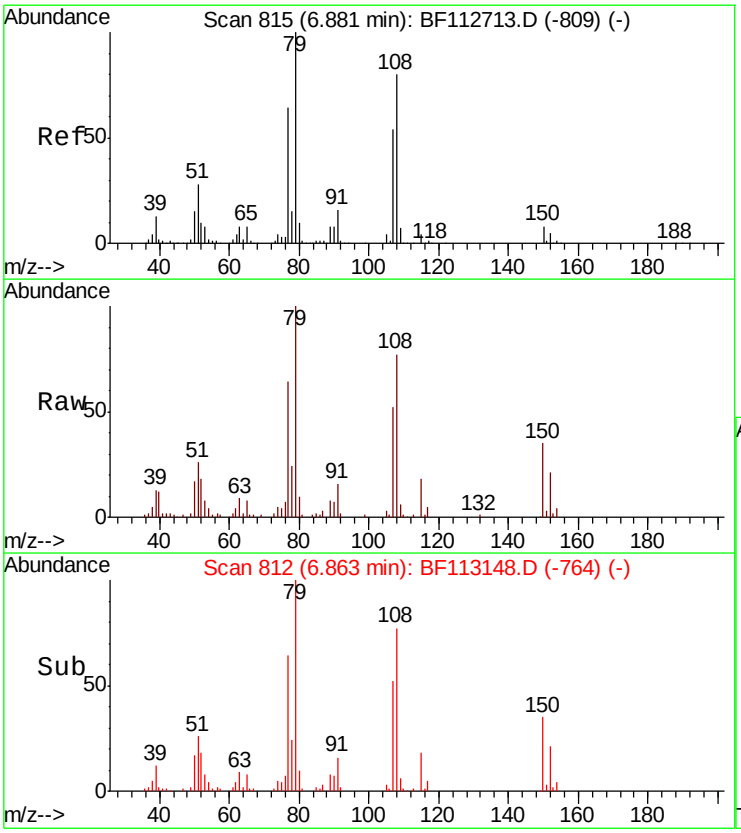
#10
Phenol
Concen: 4.740 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 94 Resp: 85905

Ion	Ratio	Lower	Upper
94	100		
65	24.0	10.5	50.5
66	34.2	22.6	62.6

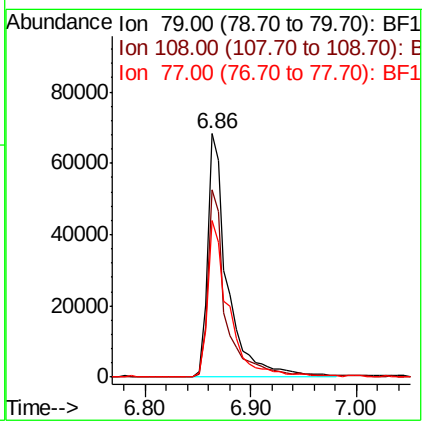


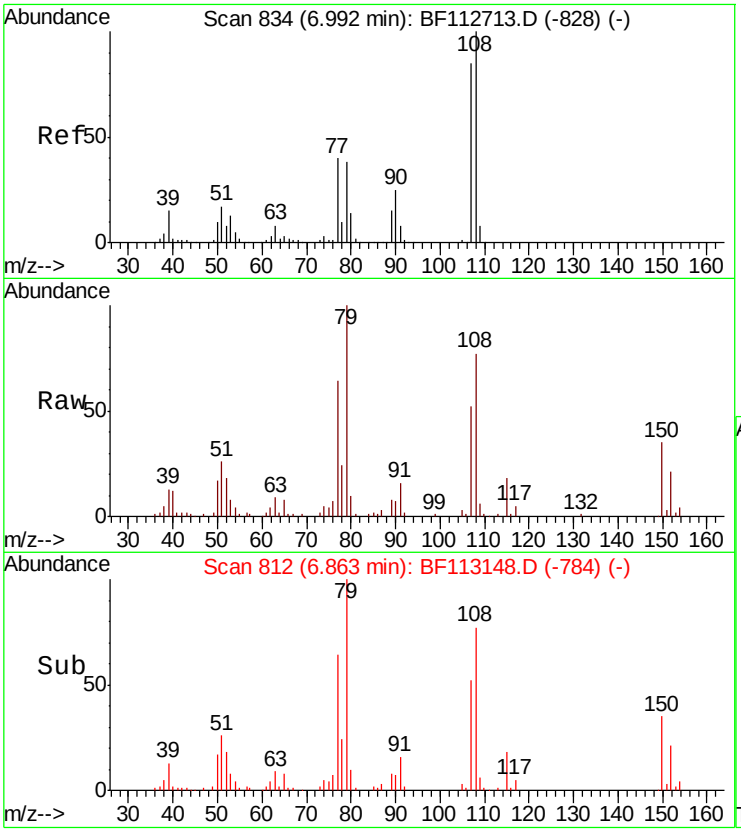


#15
Benzyl Alcohol
Concen: 7.615 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion: 79 Resp: 90183

Ion	Ratio	Lower	Upper
79	100		
108	77.0	64.2	96.4
77	64.1	51.1	76.7



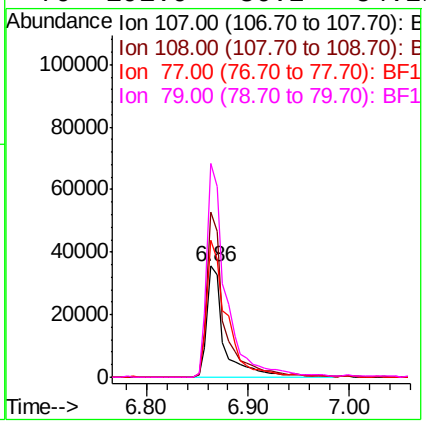


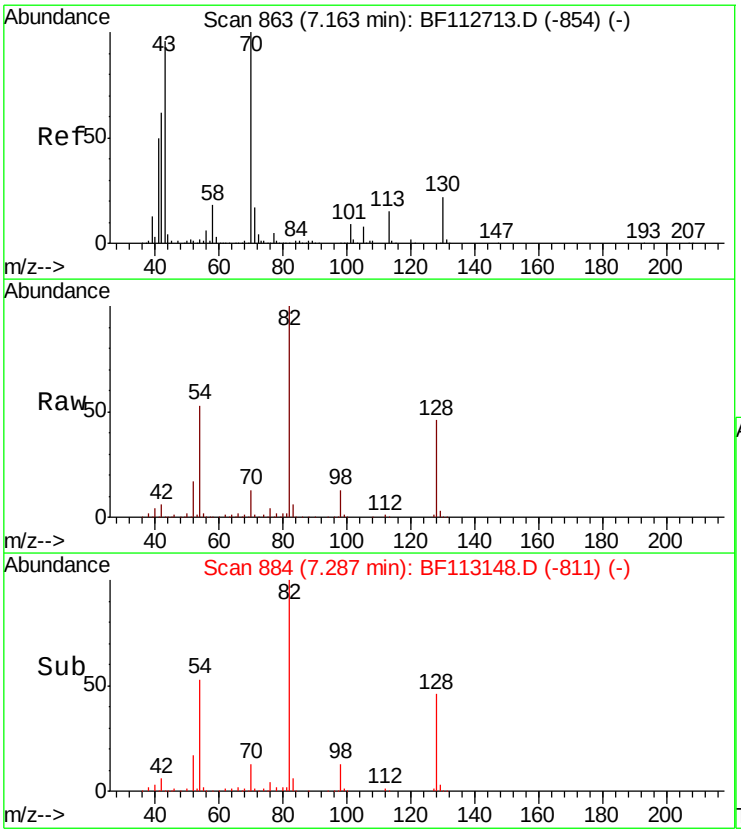
#17
2-Methylphenol
Concen: 3.836 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.14 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:107 Resp: 42832

Ion	Ratio	Lower	Upper
107	100		
108	147.8	94.6	142.0#
77	123.0	37.8	56.8#
79	191.9	36.2	54.2#

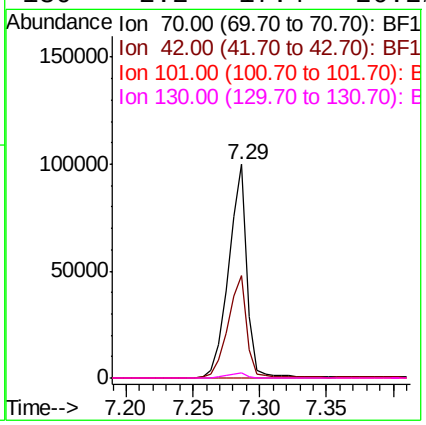


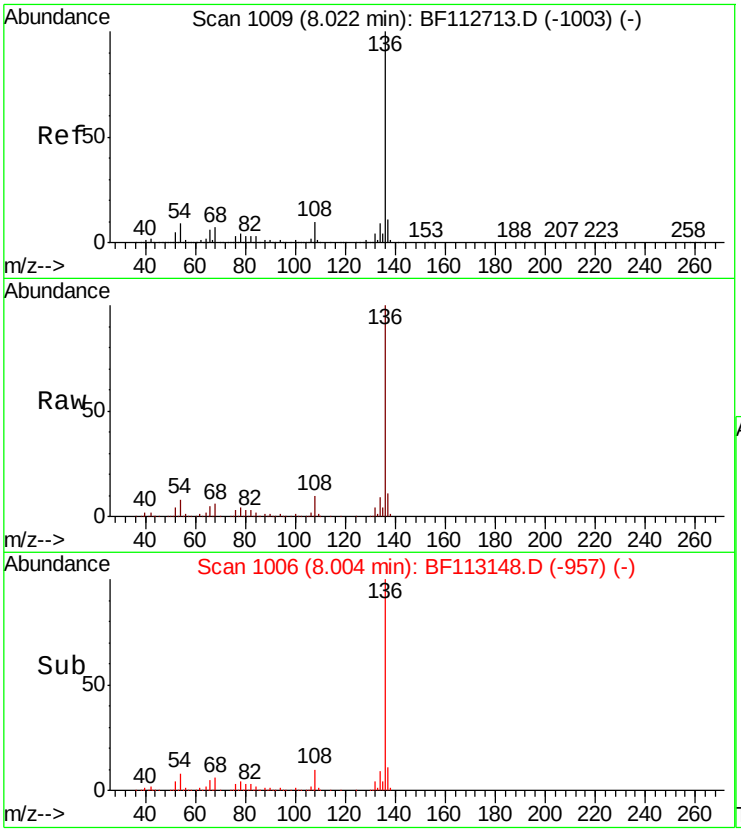


#19
n-Nitroso-di-n-propylamine
Concen: 9.955 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion: 70 Resp: 97923

Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.9	74.9#
101	0.0	7.4	11.2#
130	2.2	17.4	26.2#



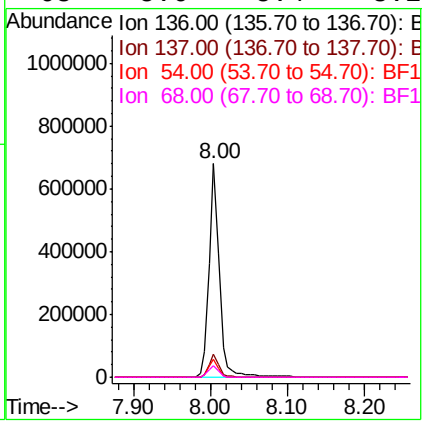


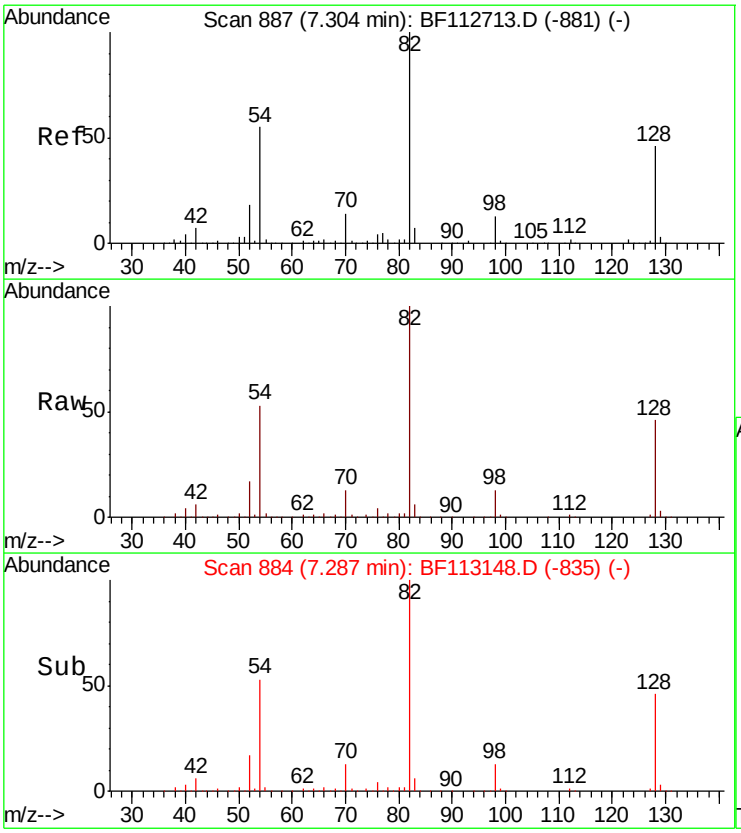
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:136 Resp: 627044

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	7.3	10.9
68	5.6	5.4	8.2

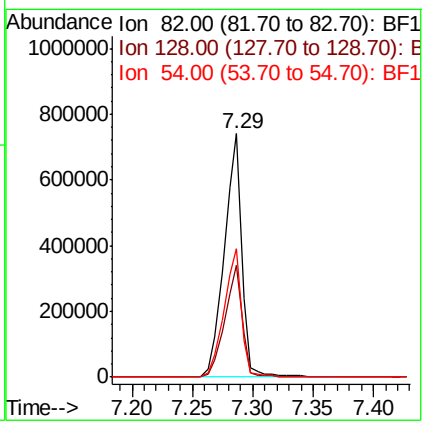


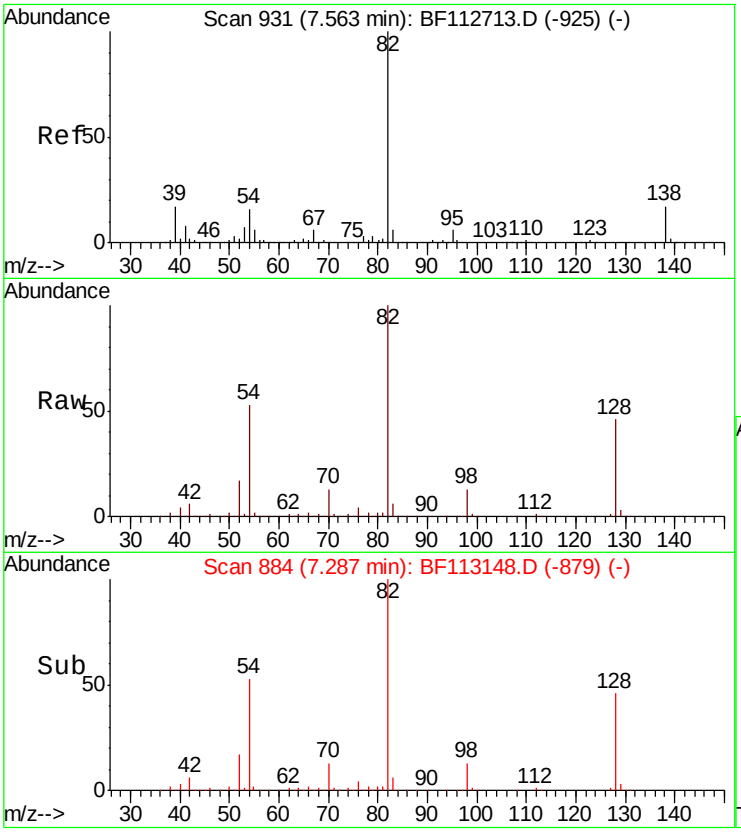


#23
Nitrobenzene-d5
Concen: 71.065 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion: 82 Resp: 744695

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	52.8	43.7	65.5



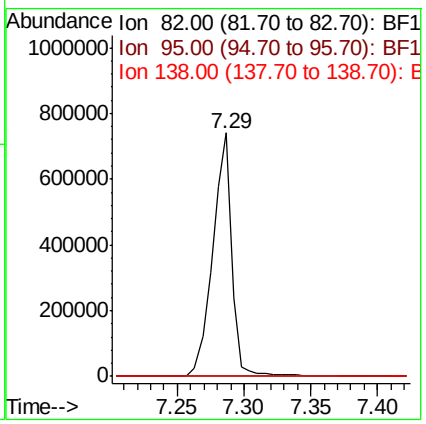


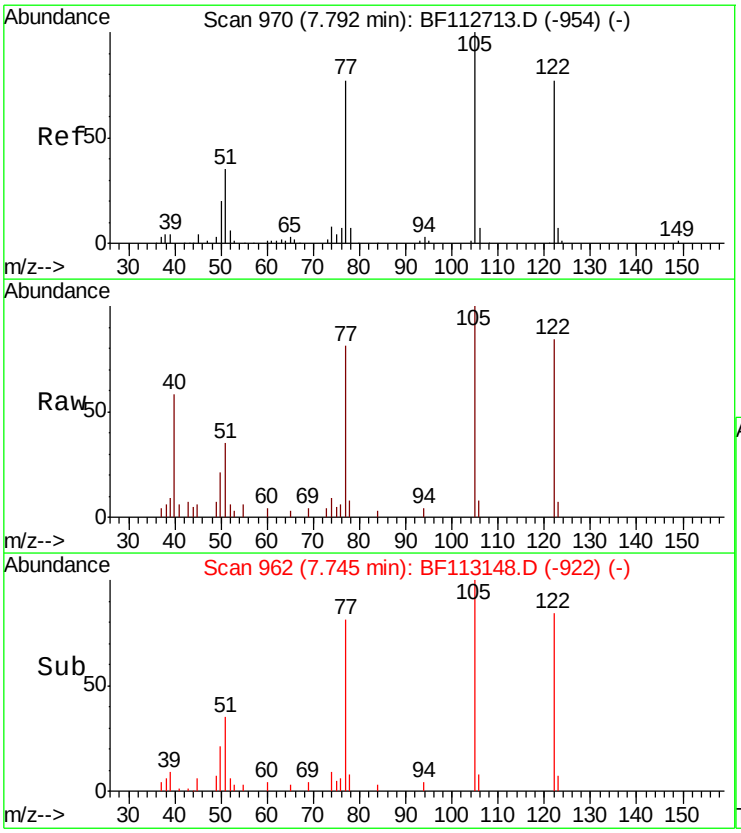
#25
Isophorone
Concen: 32.368 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 82 Resp: 730714

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

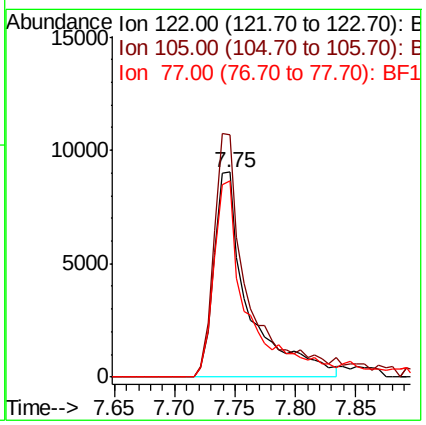


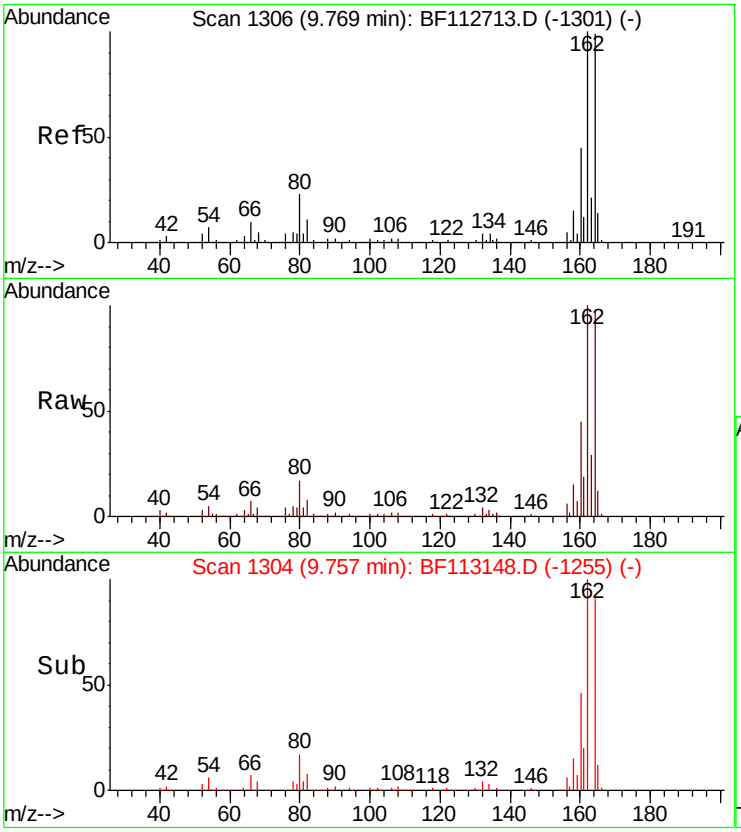


#32
Benzoic acid
Concen: 2.805 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.06 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:122 Resp: 17756

Ion	Ratio	Lower	Upper
122	100		
105	118.6	106.8	146.8
77	96.0	79.4	119.4



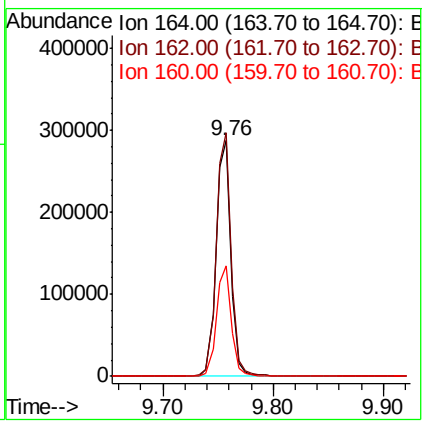


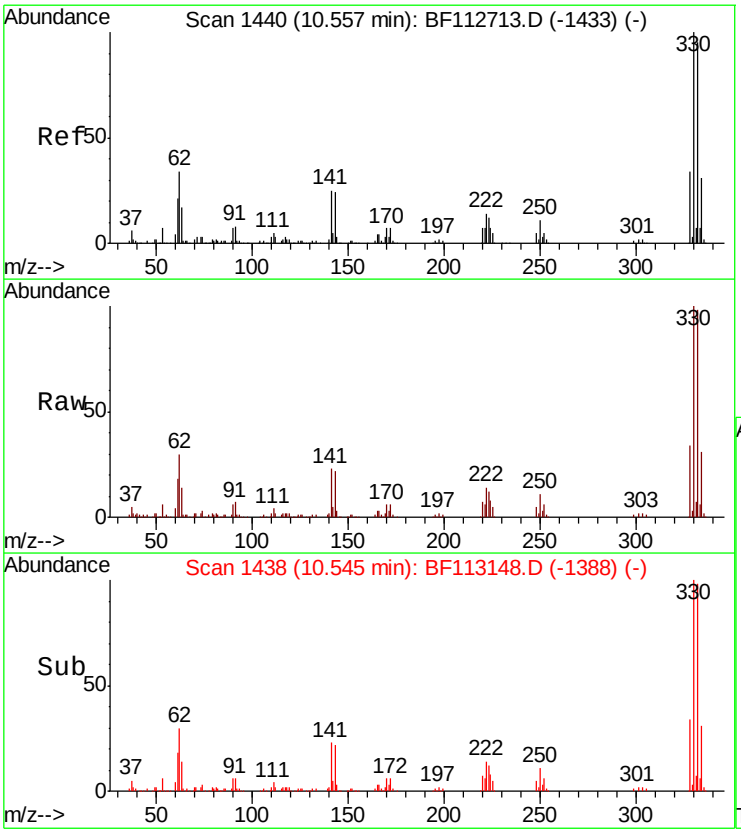
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:164 Resp: 266904

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	47.0	36.0	54.0

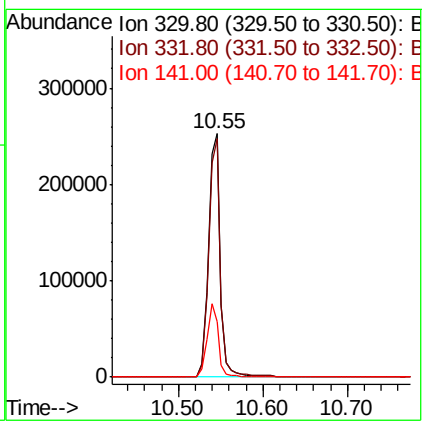


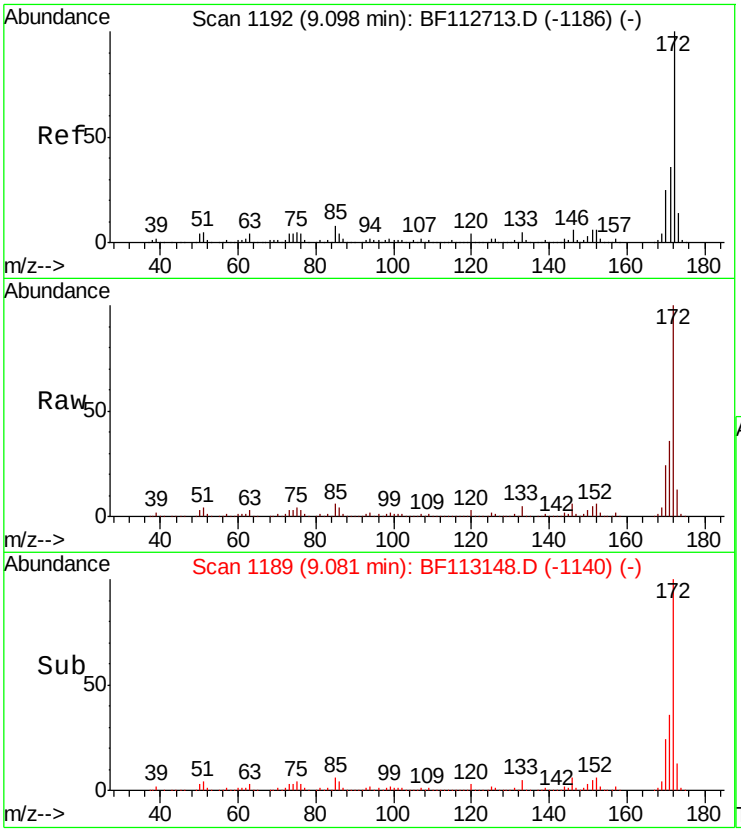


#42
2,4,6-Tribromophenol
Concen: 88.236 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:330 Resp: 250018

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	28.8	27.0	40.6



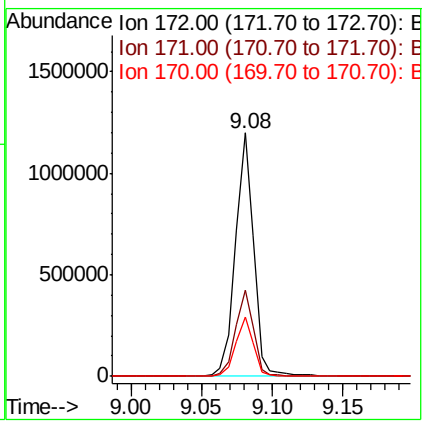


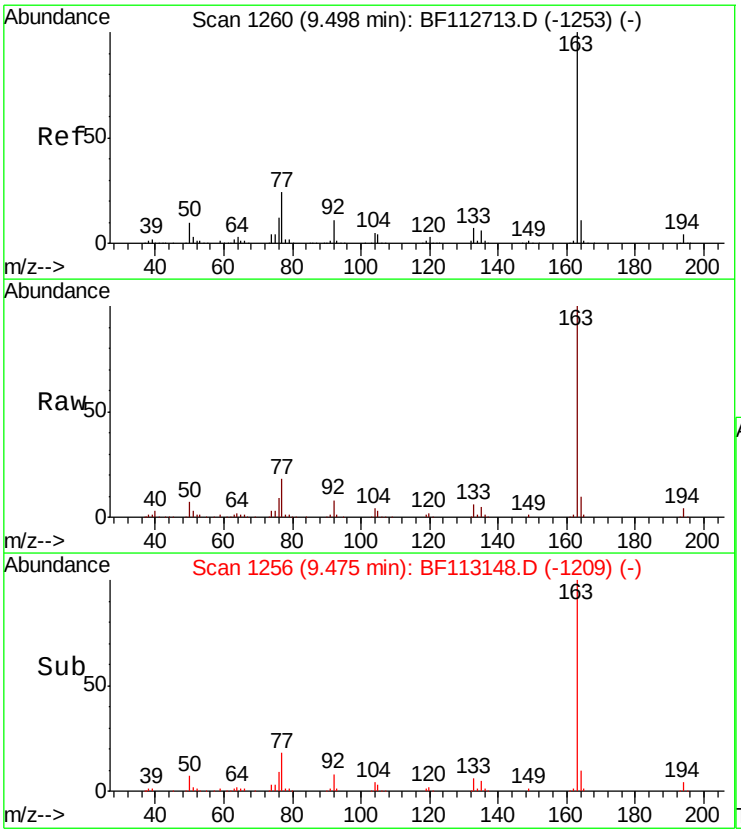
#45
2-Fluorobiphenyl
Concen: 62.323 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:172 Resp: 1077164

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.4	20.0	30.0

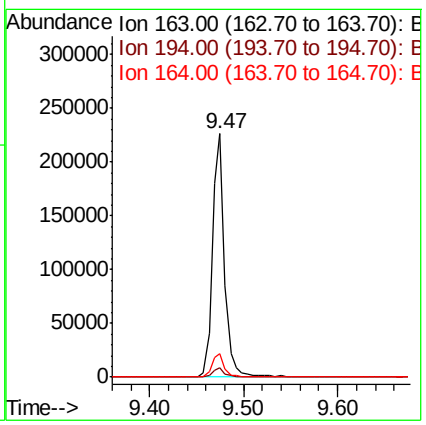


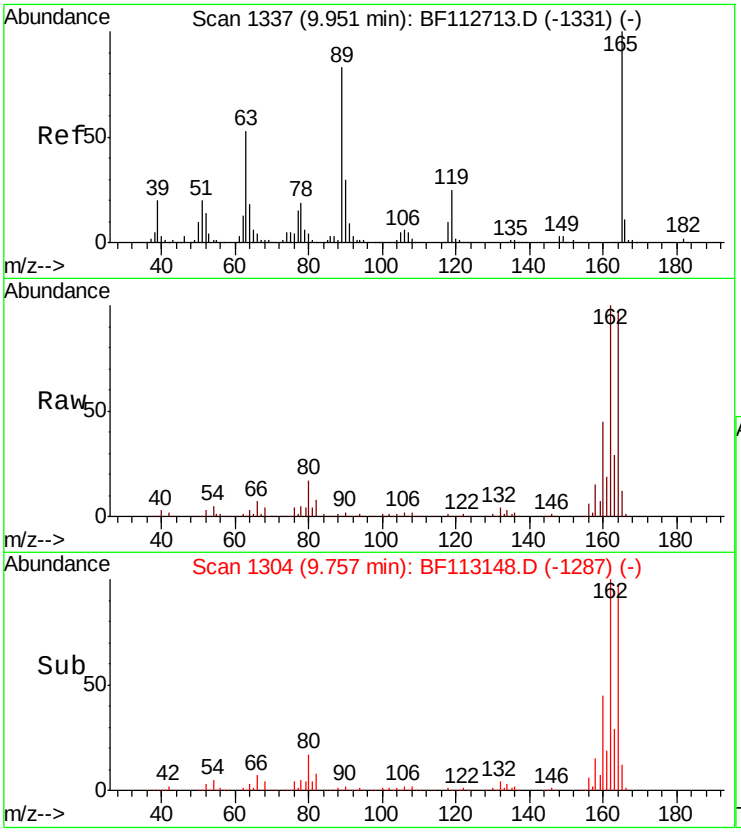


#50
Dimethylphthalate
Concen: 10.530 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:163 Resp: 207224

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.7	8.4	12.6



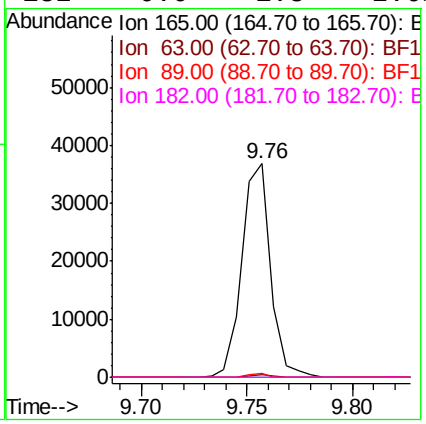


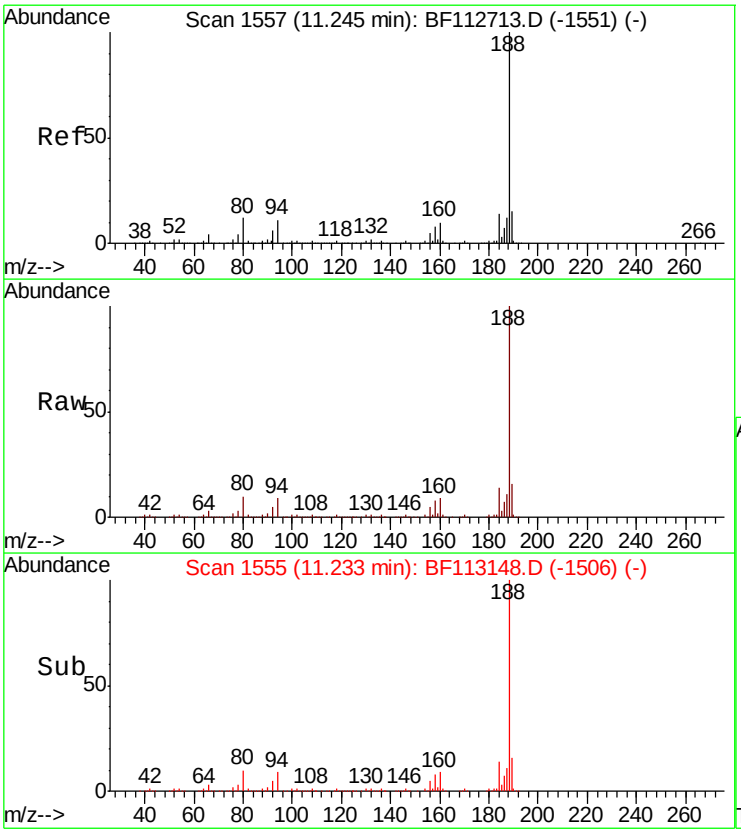
#57
2,4-Dinitrotoluene
Concen: 6.813 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:165 Resp: 34705

Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.2	63.2#
89	1.8	66.2	99.4#
182	0.0	1.8	2.6#

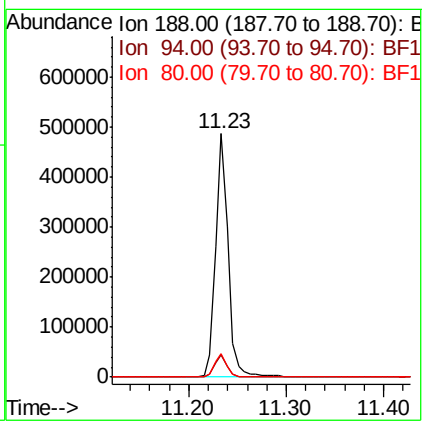


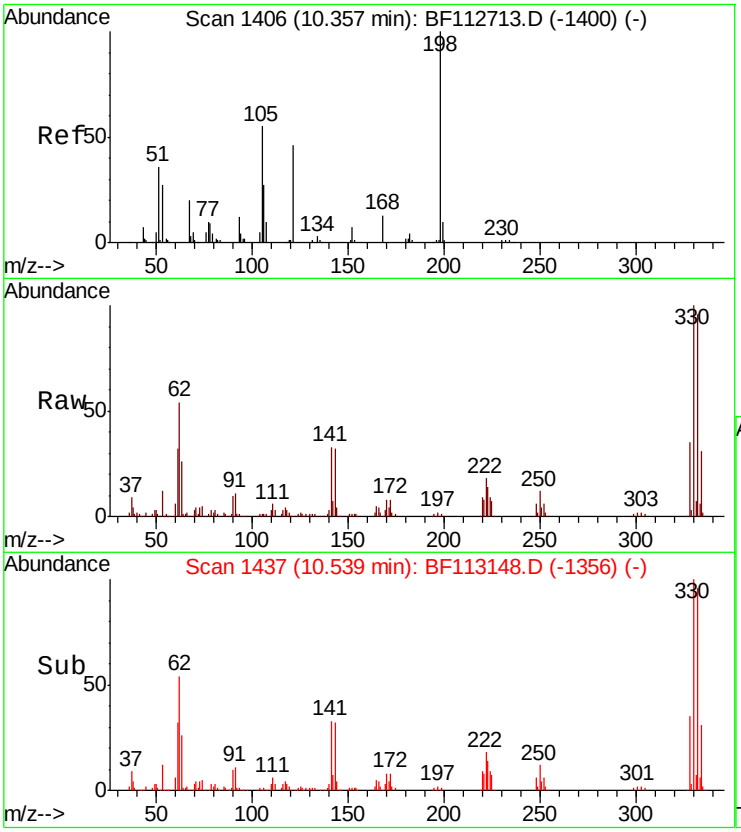


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:188 Resp: 432246

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.6	9.2	13.8



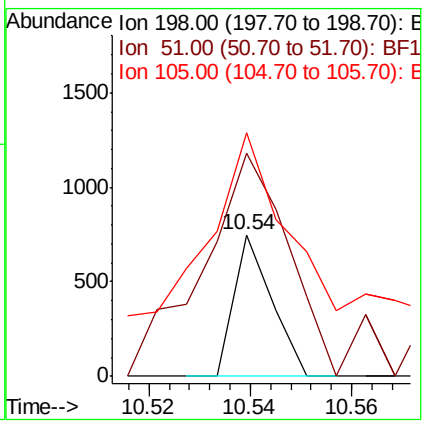


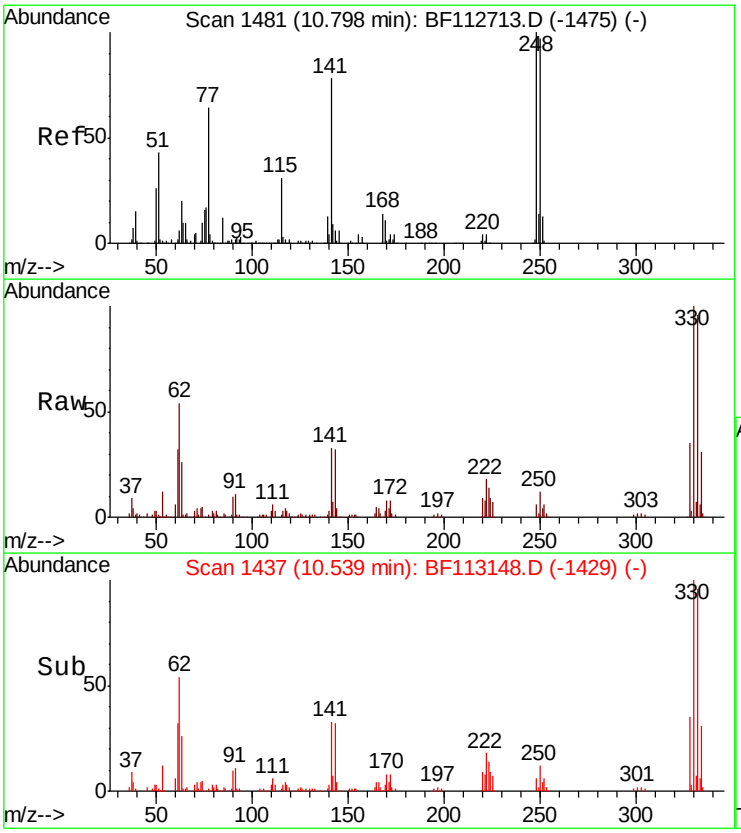
#65
4,6-Dinitro-2-methylphenol
Concen: 4.810 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:198 Resp: 387

Ion	Ratio	Lower	Upper
198	100		
51	158.0	43.8	83.8#
105	172.2	36.5	76.5#

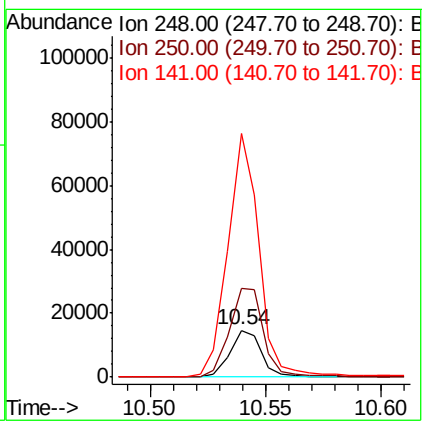


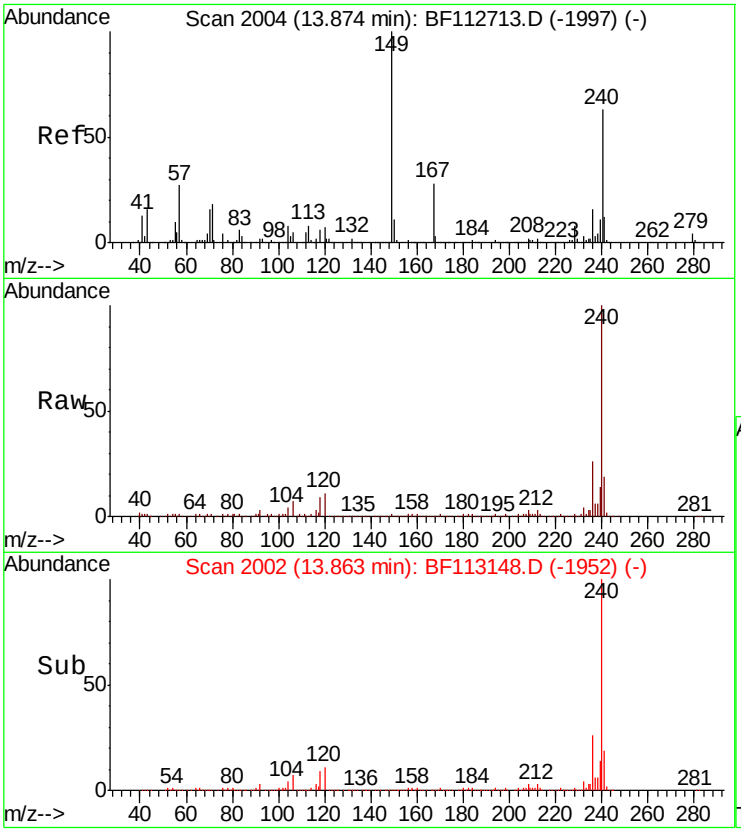


#67
4-Bromophenyl-phenylether
Concen: 3.068 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:248 Resp: 13968

Ion	Ratio	Lower	Upper
248	100		
250	188.6	77.5	116.3#
141	518.5	62.4	93.6#



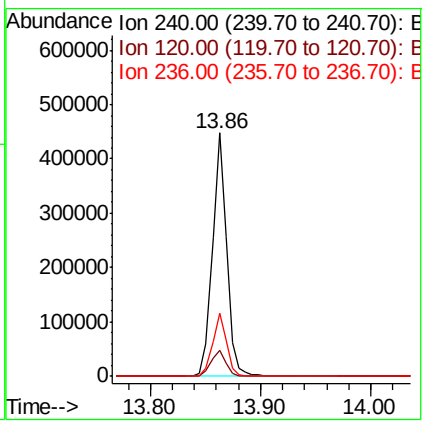


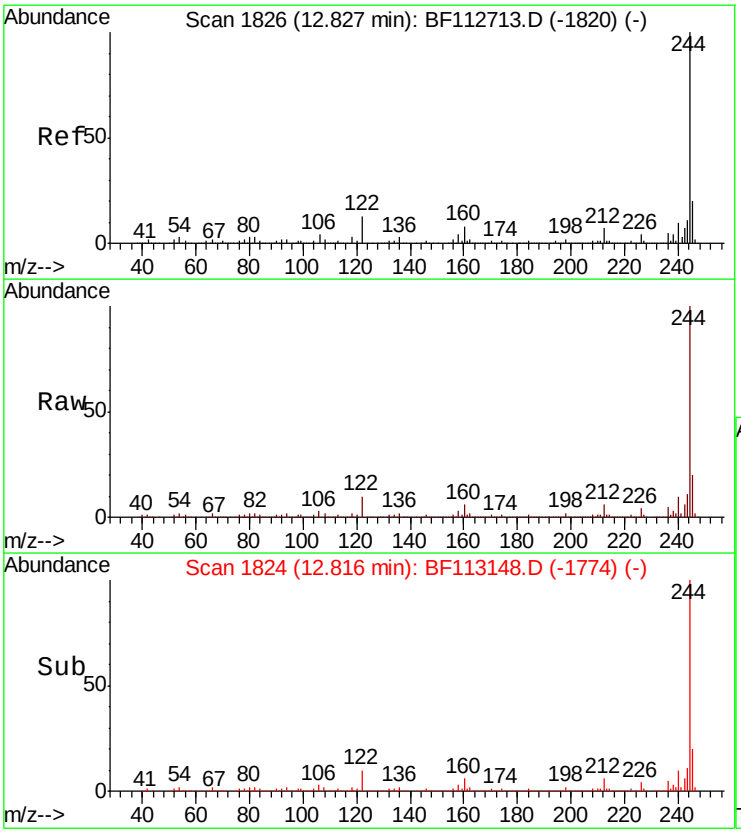
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:240 Resp: 398201

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.0	20.7	31.1

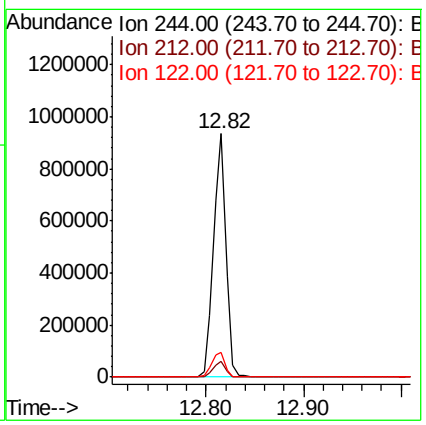


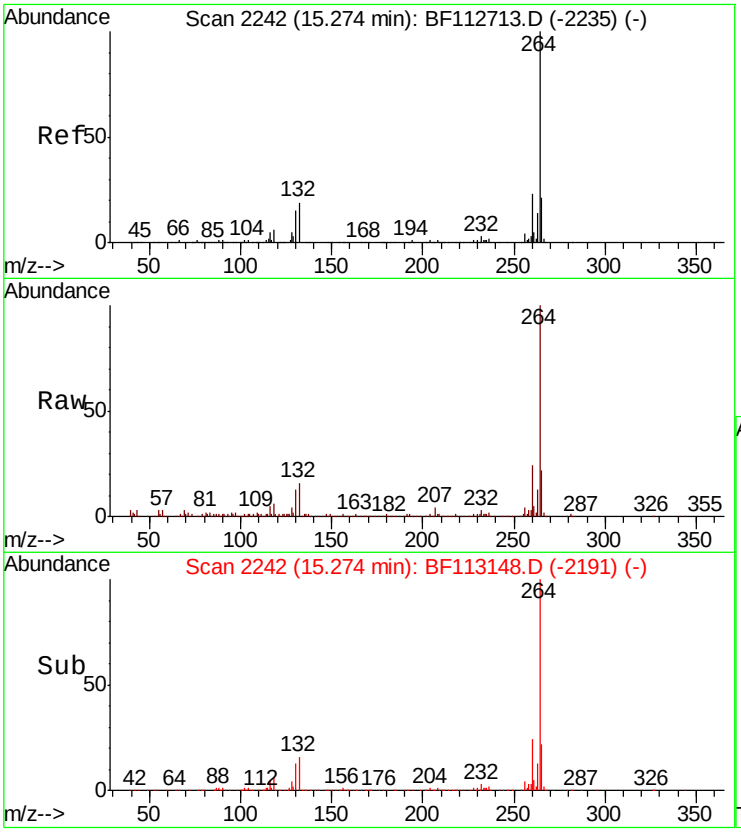


#79
Terphenyl-d14
Concen: 40.313 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113148.D
Acq: 20 Mar 2019 2:37

Tgt Ion:244 Resp: 828105

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	10.3	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: BF113148.D
Acq: 20 Mar 2019 2:37

Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion:264 Resp: 291670

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	17.2	25.8