Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113846.D
Acq On : 19 Apr 2019 6:06
Operator : JU/SJ
Sample : K2430-03 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 19 07:04:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	155508	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	546815	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	253703	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	493229	20.00	ng		0.00
76) Chrysene-d12	14.04	240	490833	20.00	ng		0.00
87) Perylene-d12	15.52	264	398599	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	22033	2.36	ng		0.00
7) Phenol-d6	6.51	99	28848	2.47	ng		0.00
23) Nitrobenzene-d5	7.45	82	17526	1.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	7266	2.59	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	32113	1.93	ng		0.00
79) Terphenyl-d14	12.99	244	44729	1.91	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.40	42	21433	4.796	ng	#	1
9) Benzaldehyde	6.43	77	9282	Below Cal		#	1
10) Phenol	6.52	94	33573	2.568	ng		96
17) 2-Methylphenol	7.29	107	97988	11.429	ng	#	83
20) 3+4-Methylphenols	7.29	107	97988	9.512	ng	#	84
22) Acetophenone	7.29	105	44839	3.599	ng	#	74
32) Benzoic acid	7.95	122	7167	7.166	ng	#	56
51) 2,6-Dinitrotoluene	9.93	165	31993	8.165	ng	#	34
57) 2,4-Dinitrotoluene	9.93	165	31993	6.581	ng	#	30

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

Quantitation Report (Not Reviewed)

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Data File : BF113846.D
Acq On : 19 Apr 2019 6:06
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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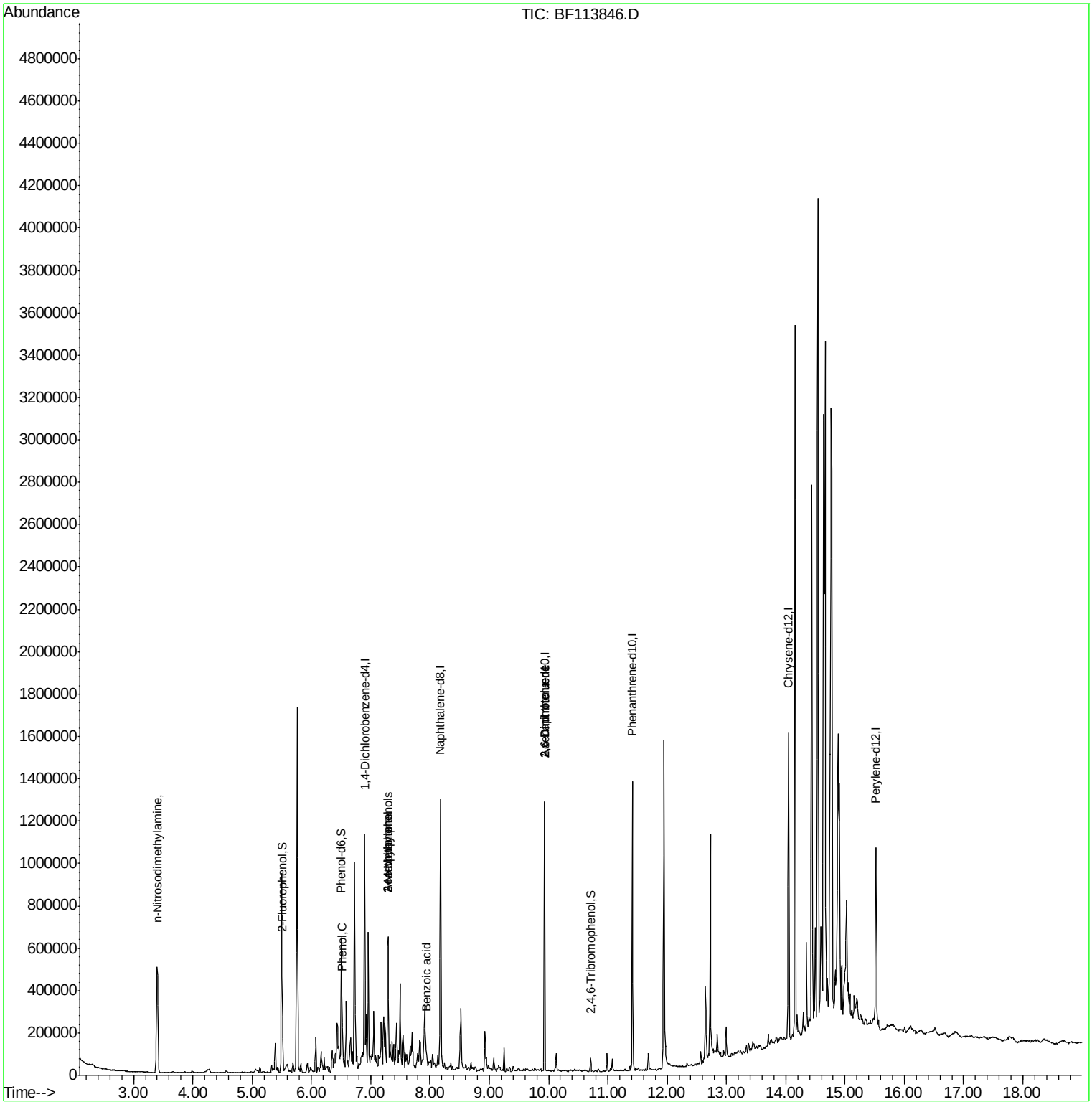
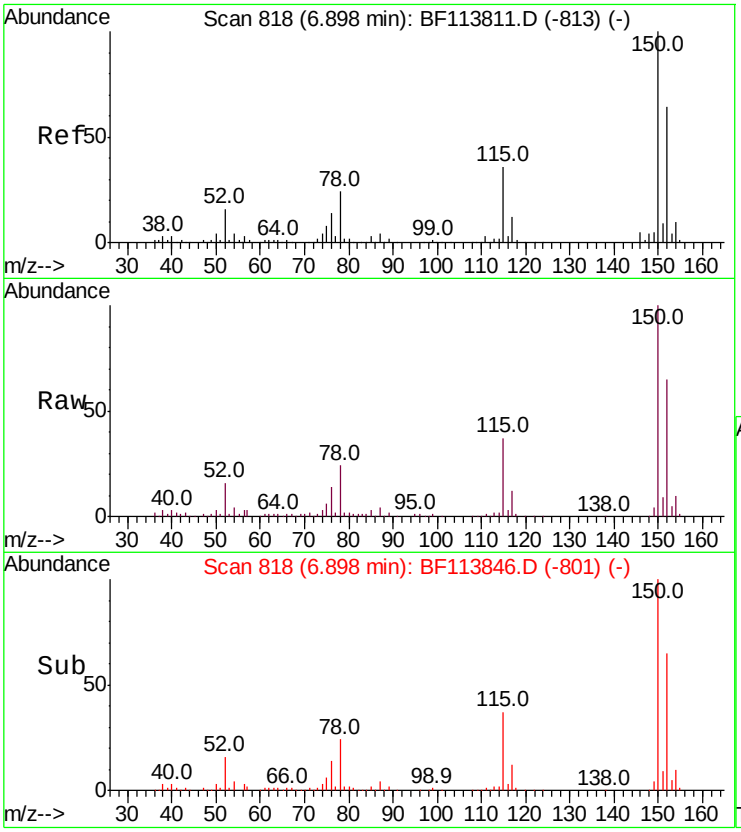


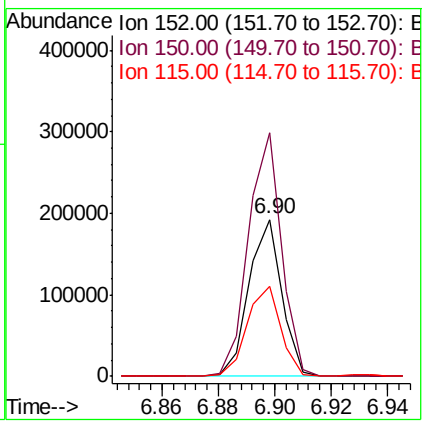


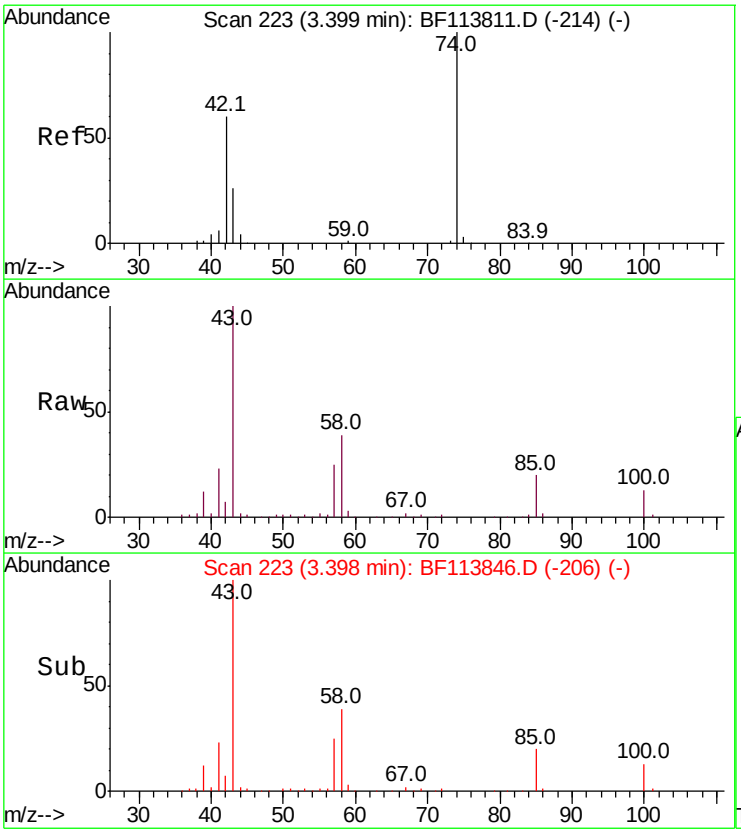
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155508

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.9	188.9
115	57.4	45.9	68.9

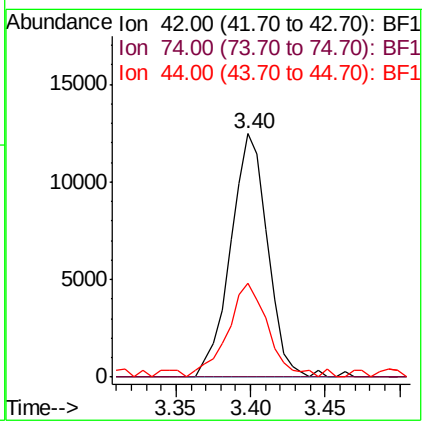


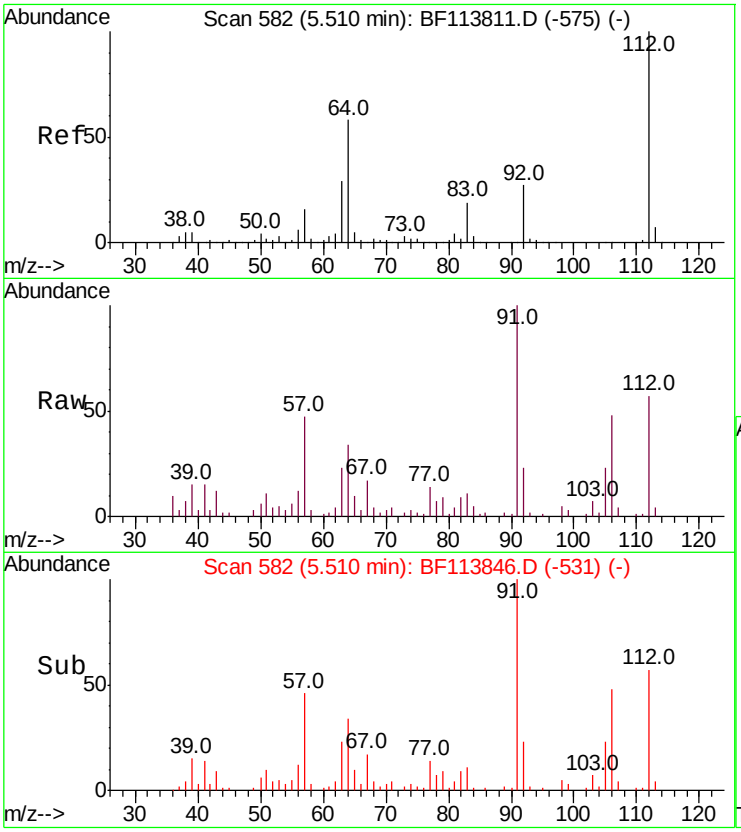


#4
n-Nitrosodimethylamine
Concen: 4.796 ng
RT: 3.40 min Scan# 223
Delta R.T. -0.00 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion: 42 Resp: 21433

Ion	Ratio	Lower	Upper
42	100		
74	0.0	132.6	198.8#
44	38.3	5.8	8.8#



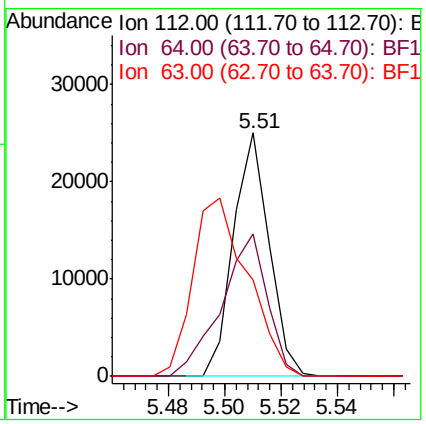


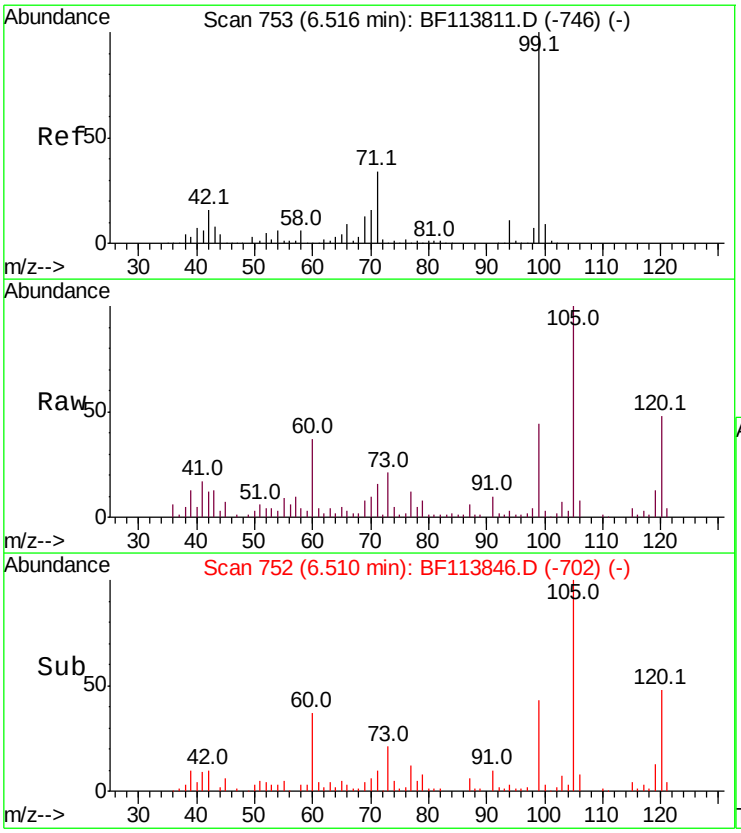
#5
2-Fluorophenol
Concen: 2.356 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 22033

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.6	69.8
63	39.4	23.1	34.7#

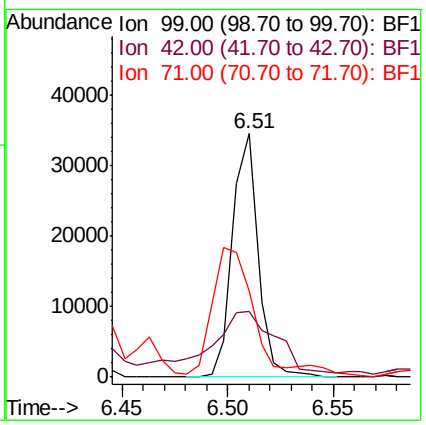


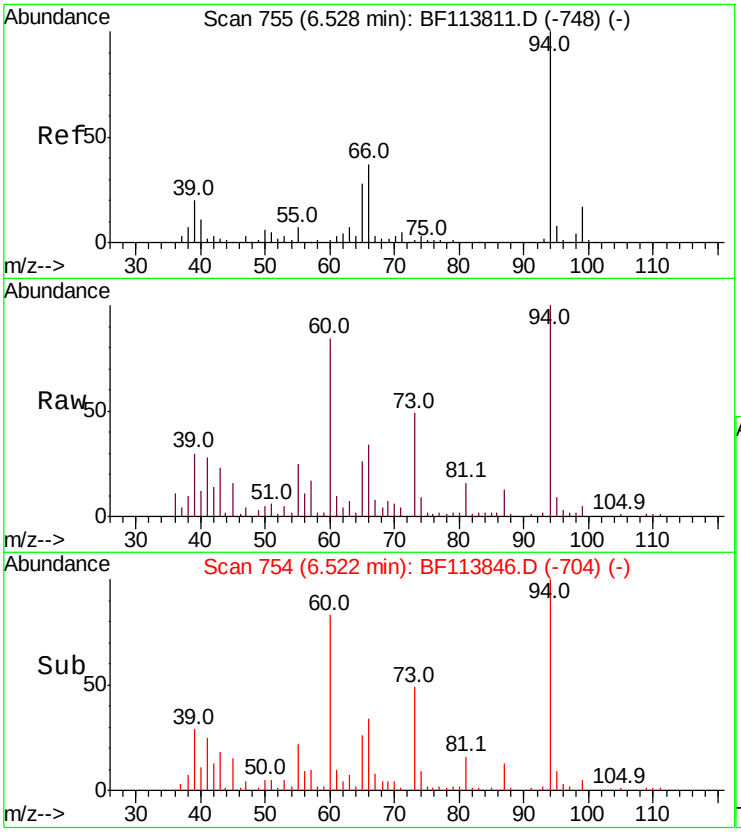


#7
Phenol-d6
Concen: 2.473 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion: 99 Resp: 28848

Ion	Ratio	Lower	Upper
99	100		
42	27.0	12.5	18.7#
71	35.3	26.9	40.3

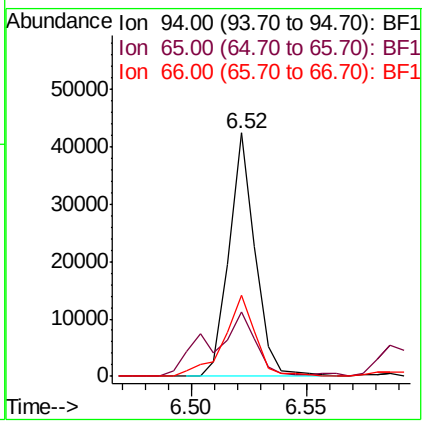




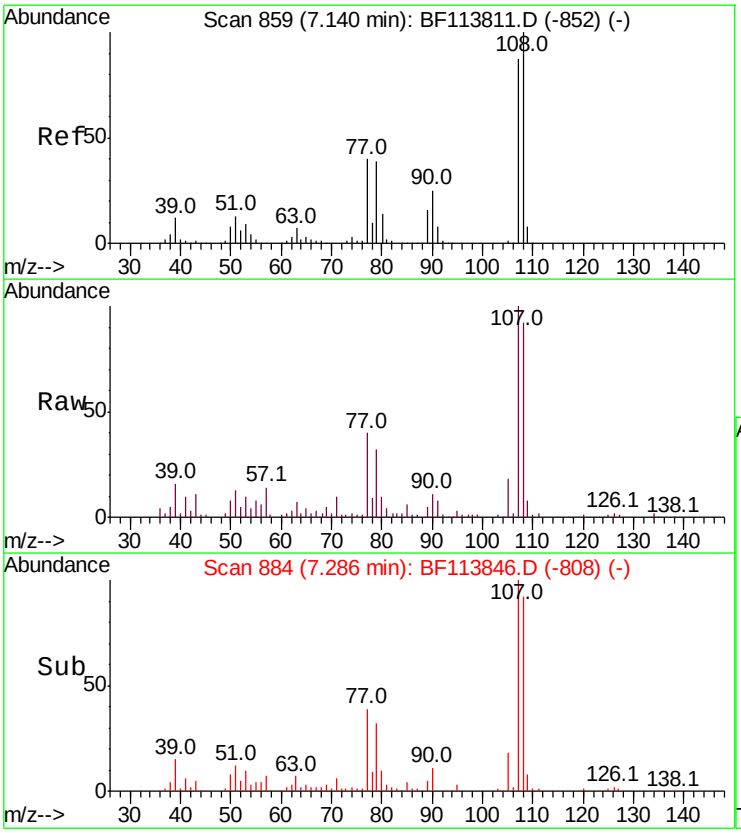
#10
Phenol
Concen: 2.568 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion: 94 Resp: 33573

Ion	Ratio	Lower	Upper
94	100		
65	26.4	8.1	48.1
66	33.5	16.6	56.6



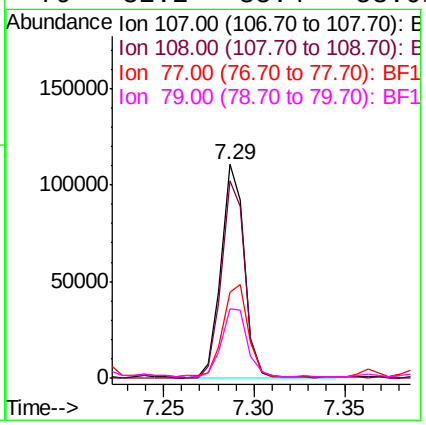
Instrument :
BNA_F
ClientSampleId :

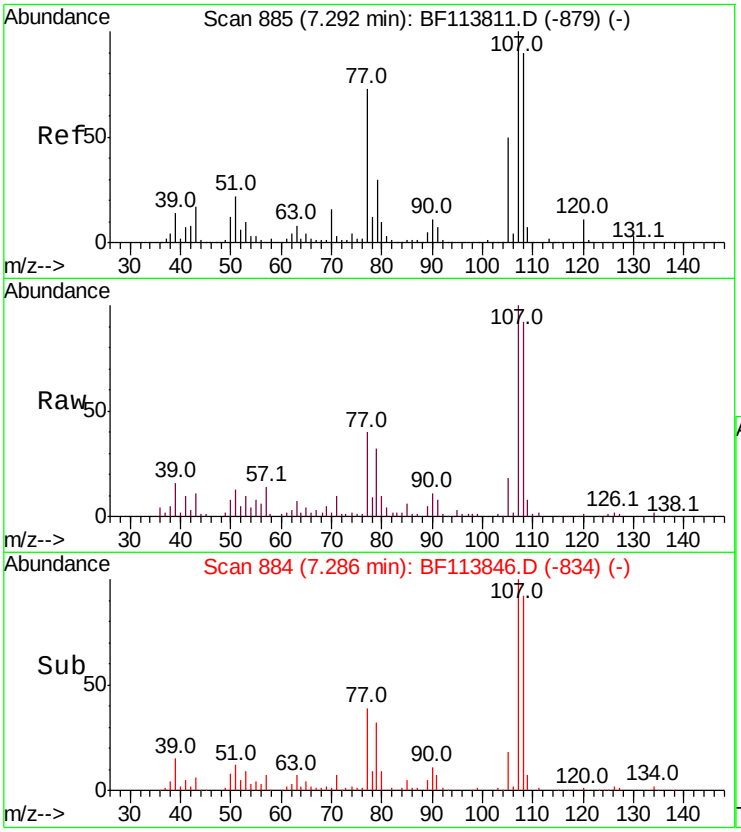


#17
2-Methylphenol
Concen: 11.429 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:107 Resp: 97988

Ion	Ratio	Lower	Upper
107	100		
108	92.0	91.5	137.3
77	39.9	36.2	54.4
79	32.2	35.4	53.0#



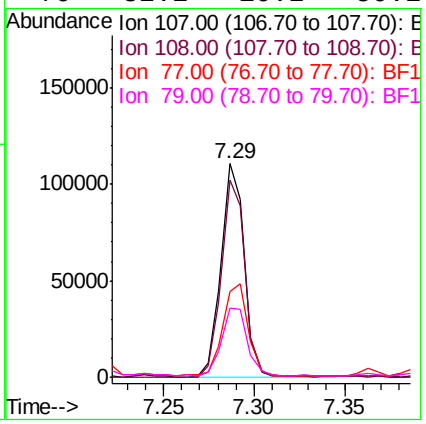


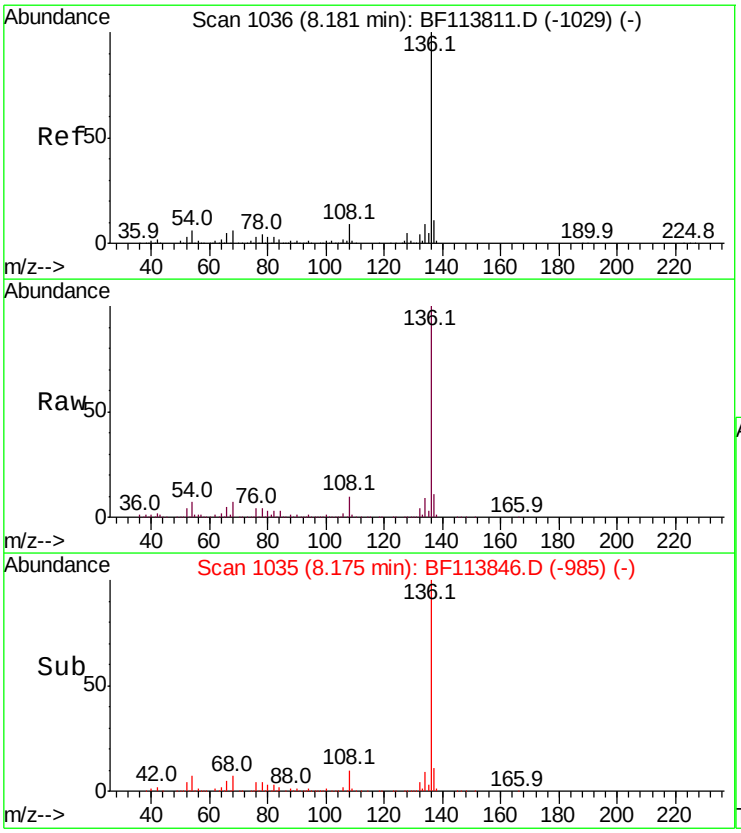
#20
3+4-Methylphenols
Concen: 9.512 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 97988

Ion	Ratio	Lower	Upper
107	100		
108	92.0	70.1	110.1
77	39.9	52.9	92.9#
79	32.2	10.2	50.2

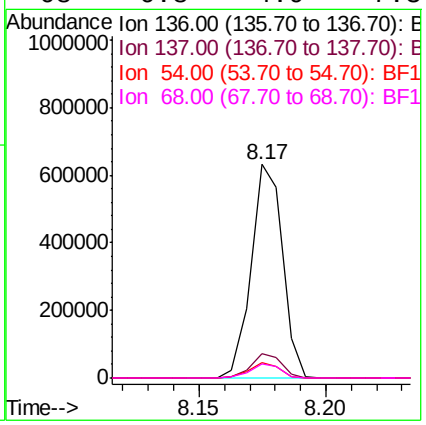


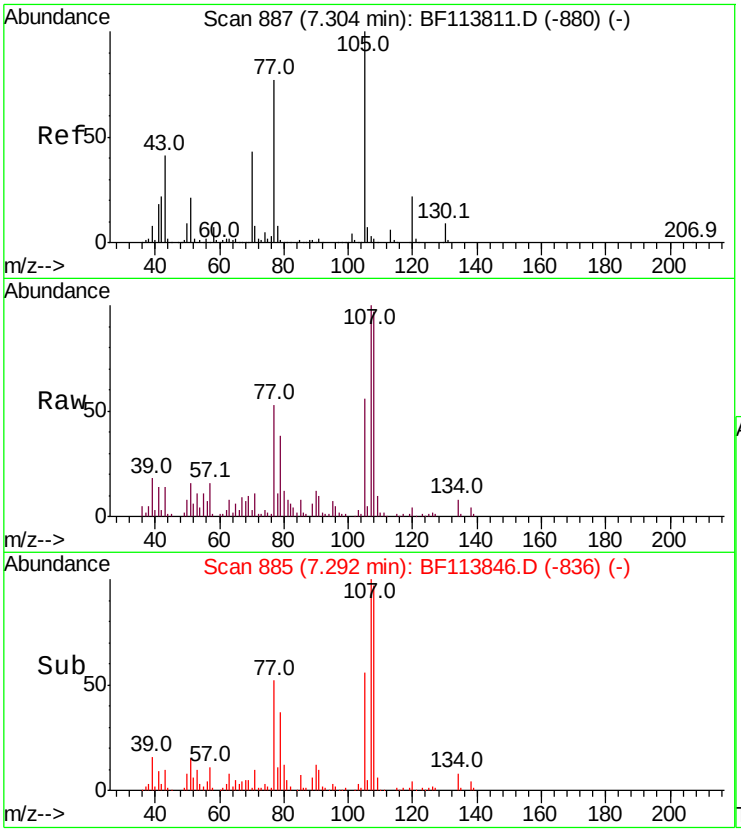


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:136 Resp: 546815

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	7.0	5.0	7.6
68	6.8	4.9	7.3



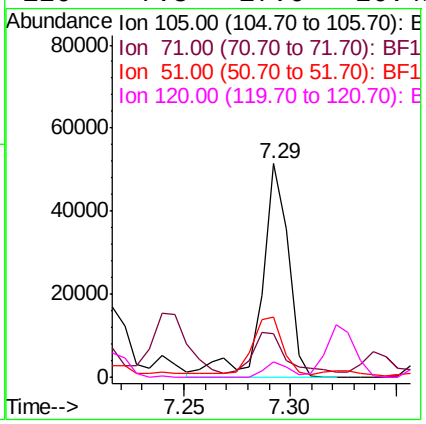


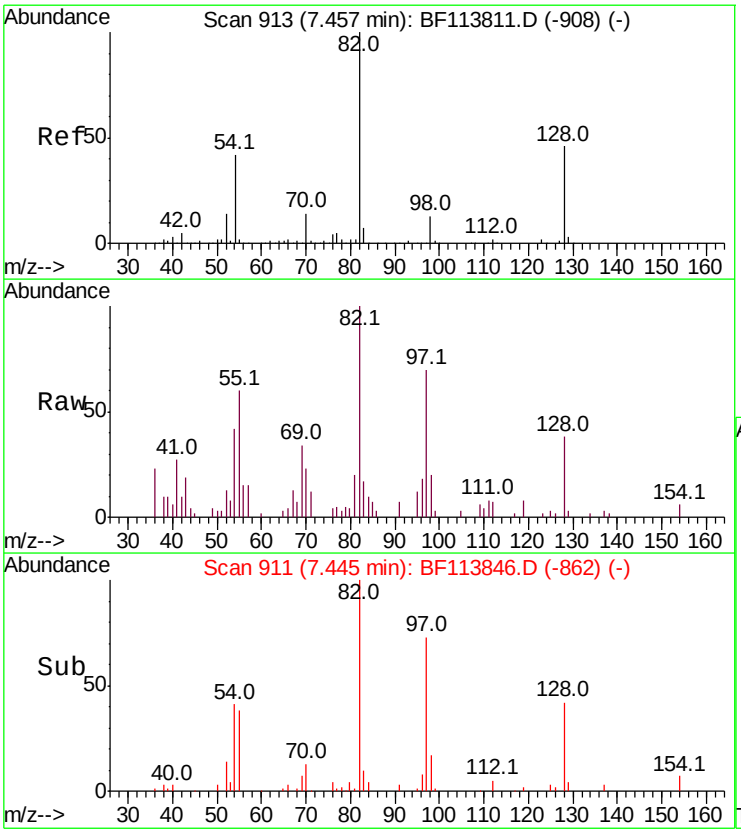
#22
Acetophenone
Concen: 3.599 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 44839

Ion	Ratio	Lower	Upper
105	100		
71	20.5	6.1	9.1#
51	28.4	16.8	25.2#
120	7.3	17.6	26.4#

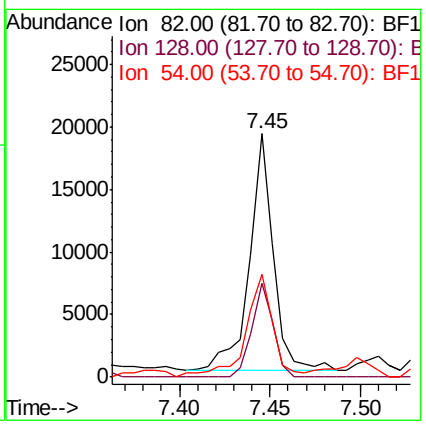


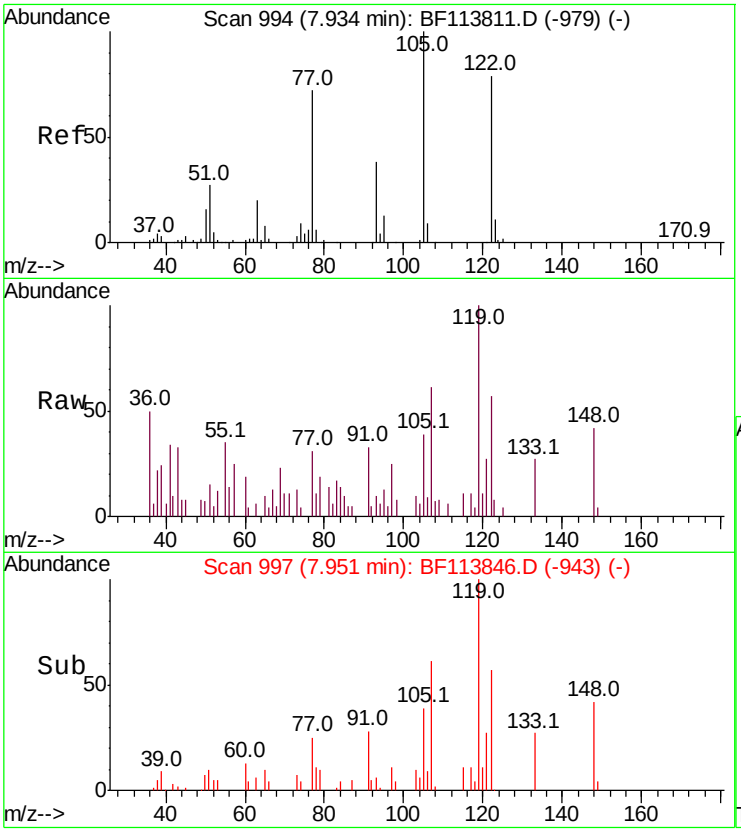


#23
Nitrobenzene-d5
Concen: 1.952 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion: 82 Resp: 17526

Ion	Ratio	Lower	Upper
82	100		
128	38.5	36.8	55.2
54	42.1	33.8	50.6



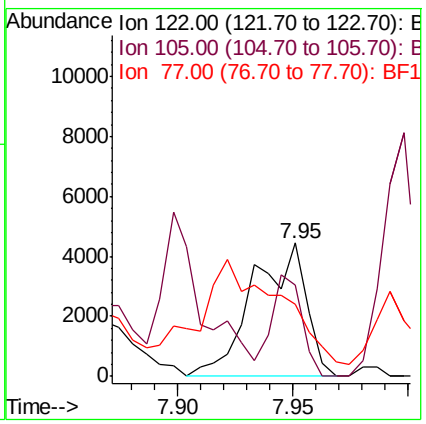


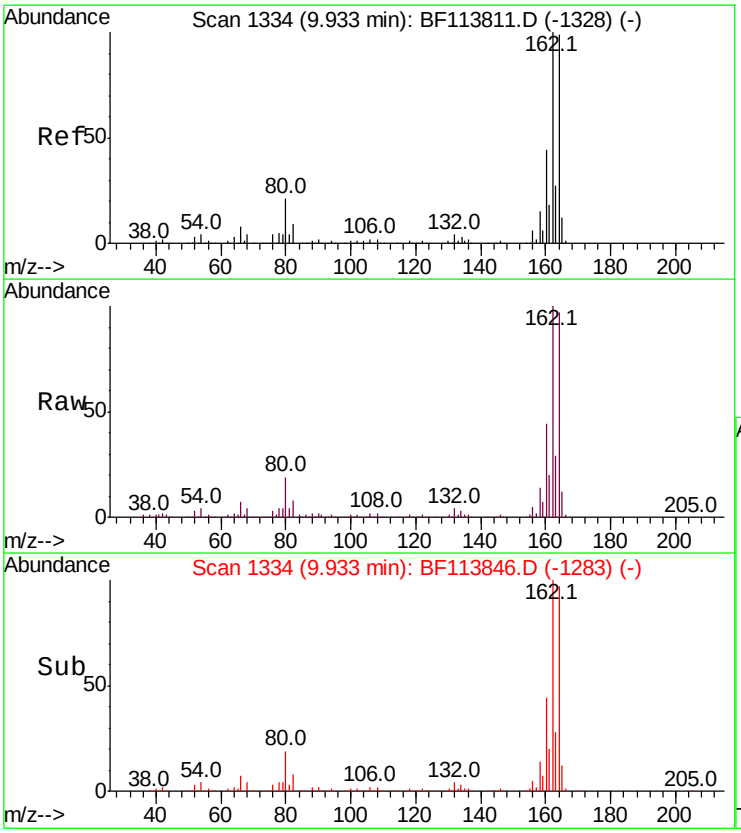
#32
Benzoic acid
Concen: 7.166 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 7167

Ion	Ratio	Lower	Upper
122	100		
105	68.8	104.3	144.3#
77	54.1	70.4	110.4#

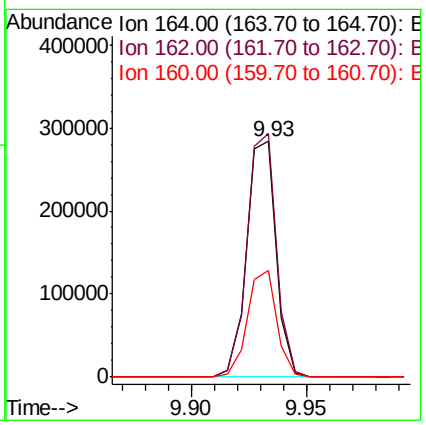


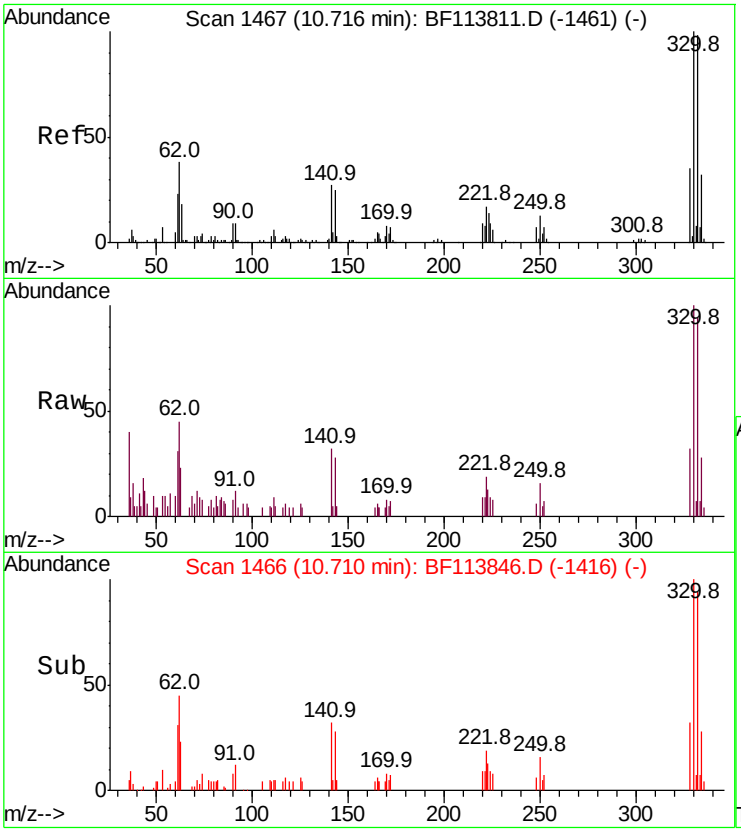


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:164 Resp: 253703

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.1	121.7
160	45.1	35.8	53.6



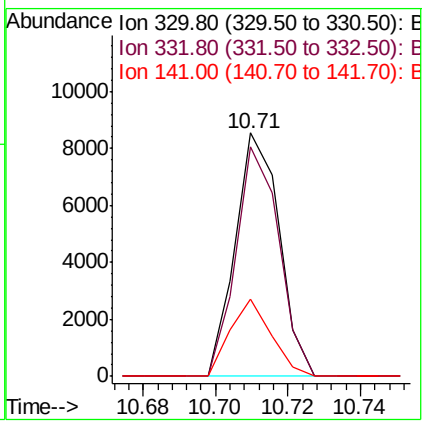


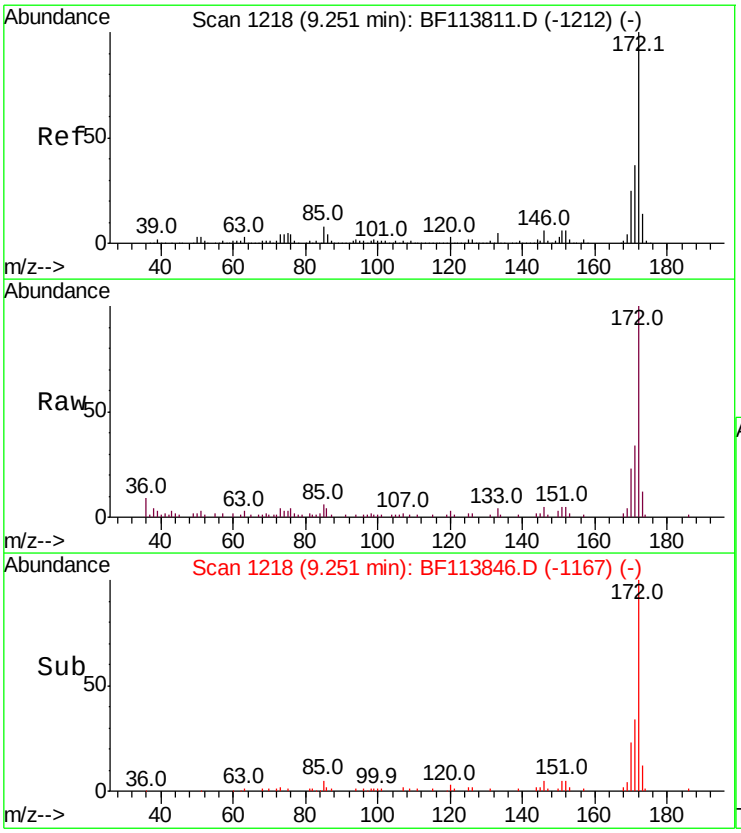
#42
2,4,6-Tribromophenol
Concen: 2.592 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 7266

Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.5	116.3
141	29.5	22.2	33.2

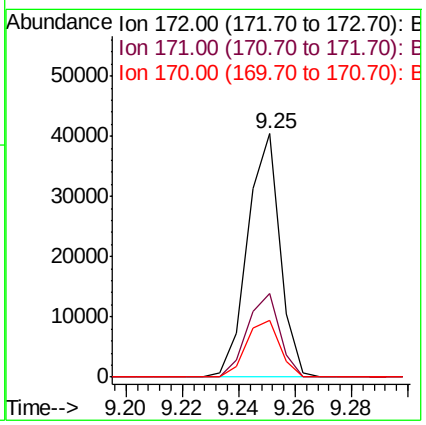


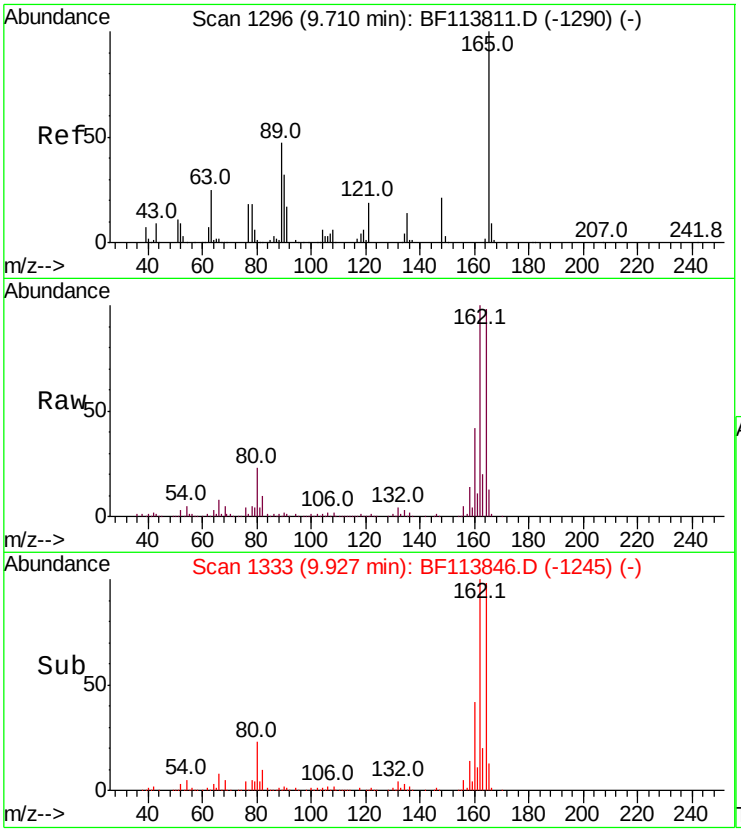


#45
2-Fluorobiphenyl
Concen: 1.930 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:172 Resp: 32113

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.4	44.0
170	23.1	19.9	29.9



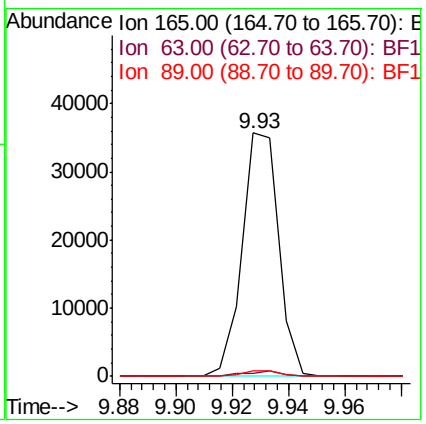


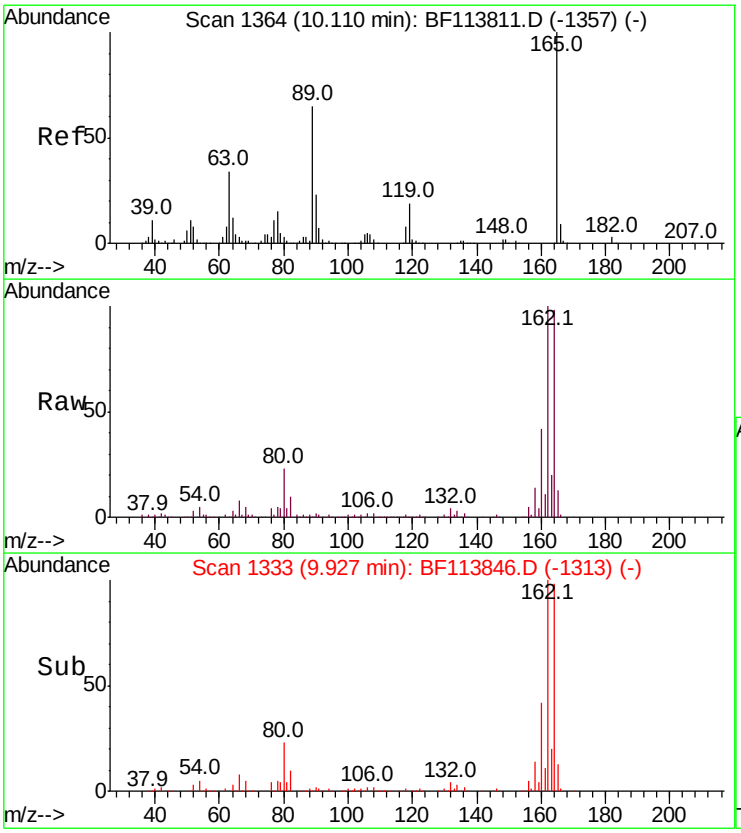
#51
2,6-Dinitrotoluene
Concen: 8.165 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31993

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	2.5	38.2	57.2#

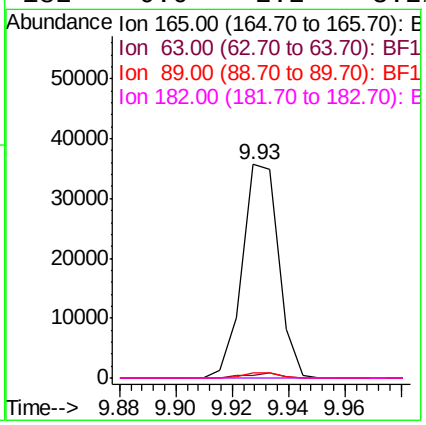


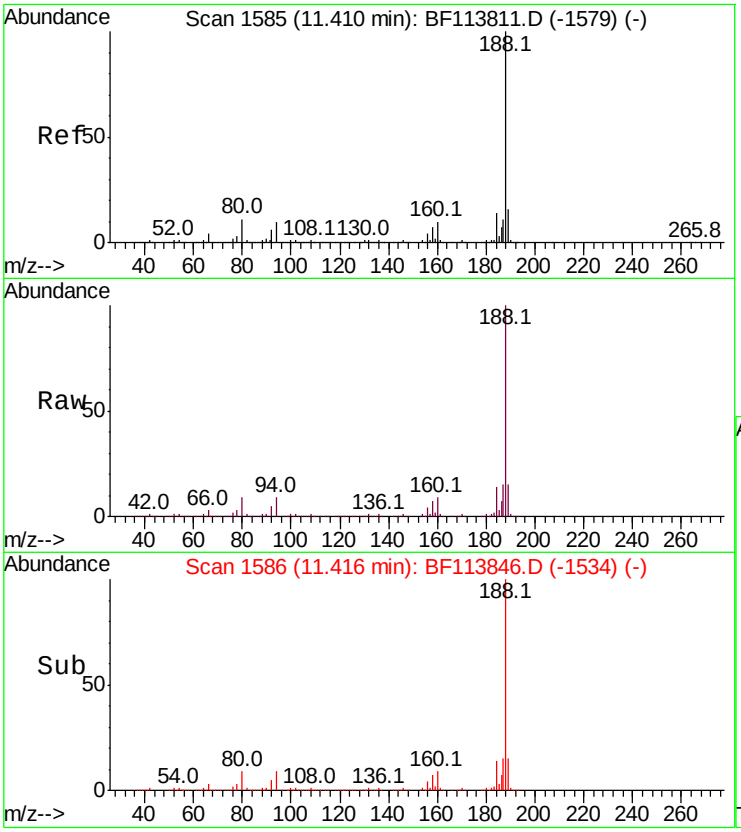


#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:165 Resp: 31993

Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.4	41.0#
89	2.5	51.8	77.6#
182	0.0	2.2	3.2#



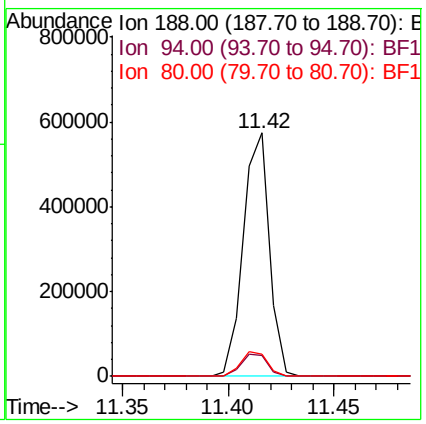


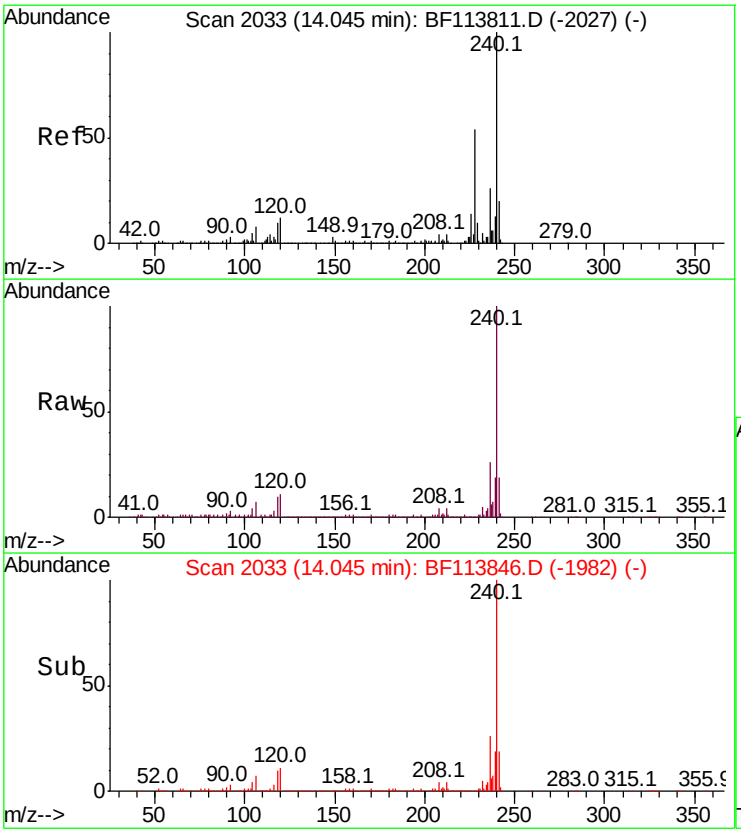
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 493229

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.4
80	9.1	9.0	13.6

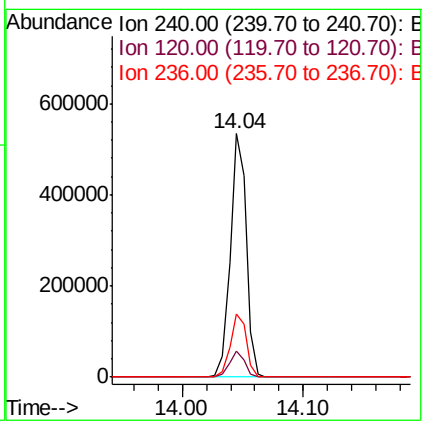


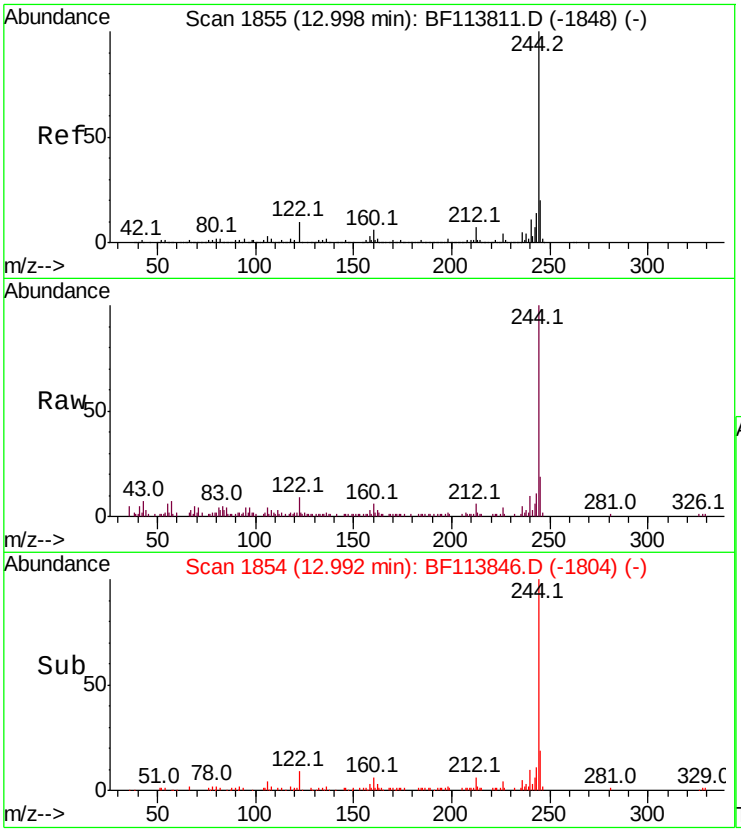


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:240 Resp: 490833

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.3	13.9
236	26.2	21.2	31.8



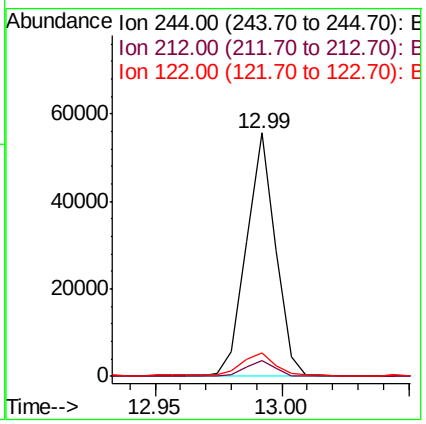


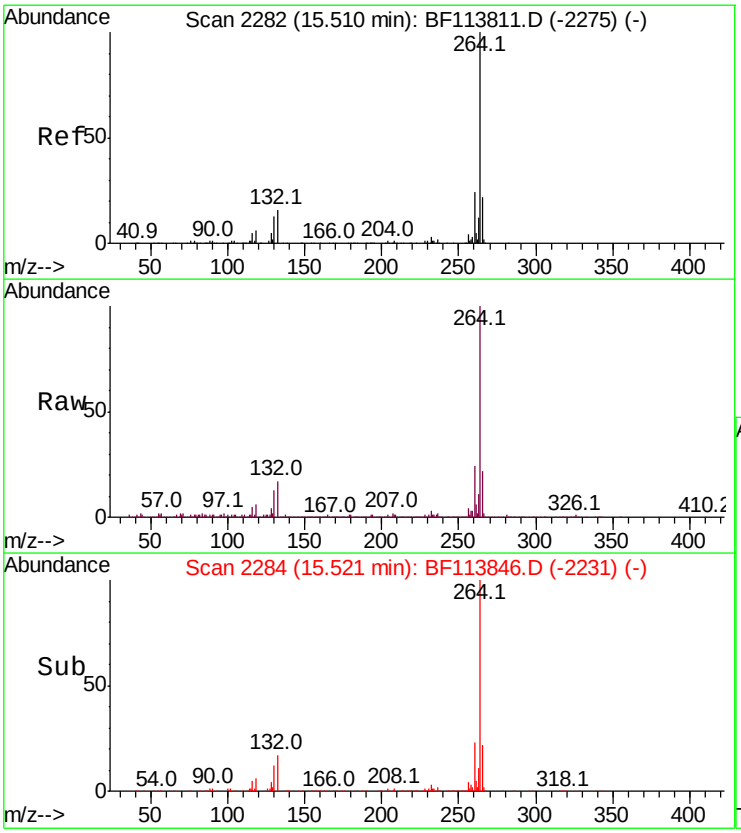
#79
Terphenyl-d14
Concen: 1.911 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 44729

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	9.4	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF113846.D
Acq: 19 Apr 2019 6:06

Tgt Ion:264 Resp: 398599

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.2	17.3	25.9