Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116550.D
Acq On : 26 Aug 2019 2:19
Operator : HP/JU
Sample : K4510-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 06:32:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	140720	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	504327	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	225666	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	306767	20.00	ng		0.00
76) Chrysene-d12	14.03	240	213148	20.00	ng		0.00
87) Perylene-d12	15.50	264	179573	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1039450	107.93	ng		0.02
7) Phenol-d6	6.52	99	1384095	117.21	ng		0.01
23) Nitrobenzene-d5	7.45	82	823310	89.31	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	131593	67.91	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1459202	104.13	ng		0.00
79) Terphenyl-d14	12.98	244	1022388	89.60	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	26775	2.088	ng		87
19) n-Nitroso-di-n-propylamine	7.45	70	110180	13.674	ng	#	76
25) Isophorone	7.45	82	821096	45.200	ng	#	67
50) Dimethylphthalate	9.63	163	137112	8.708	ng		99
57) 2,4-Dinitrotoluene	9.92	165	29023	7.077	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.70	198	131	7.094	ng	#	1
67) 4-Bromophenyl-phenylether	10.70	248	8713	2.709	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
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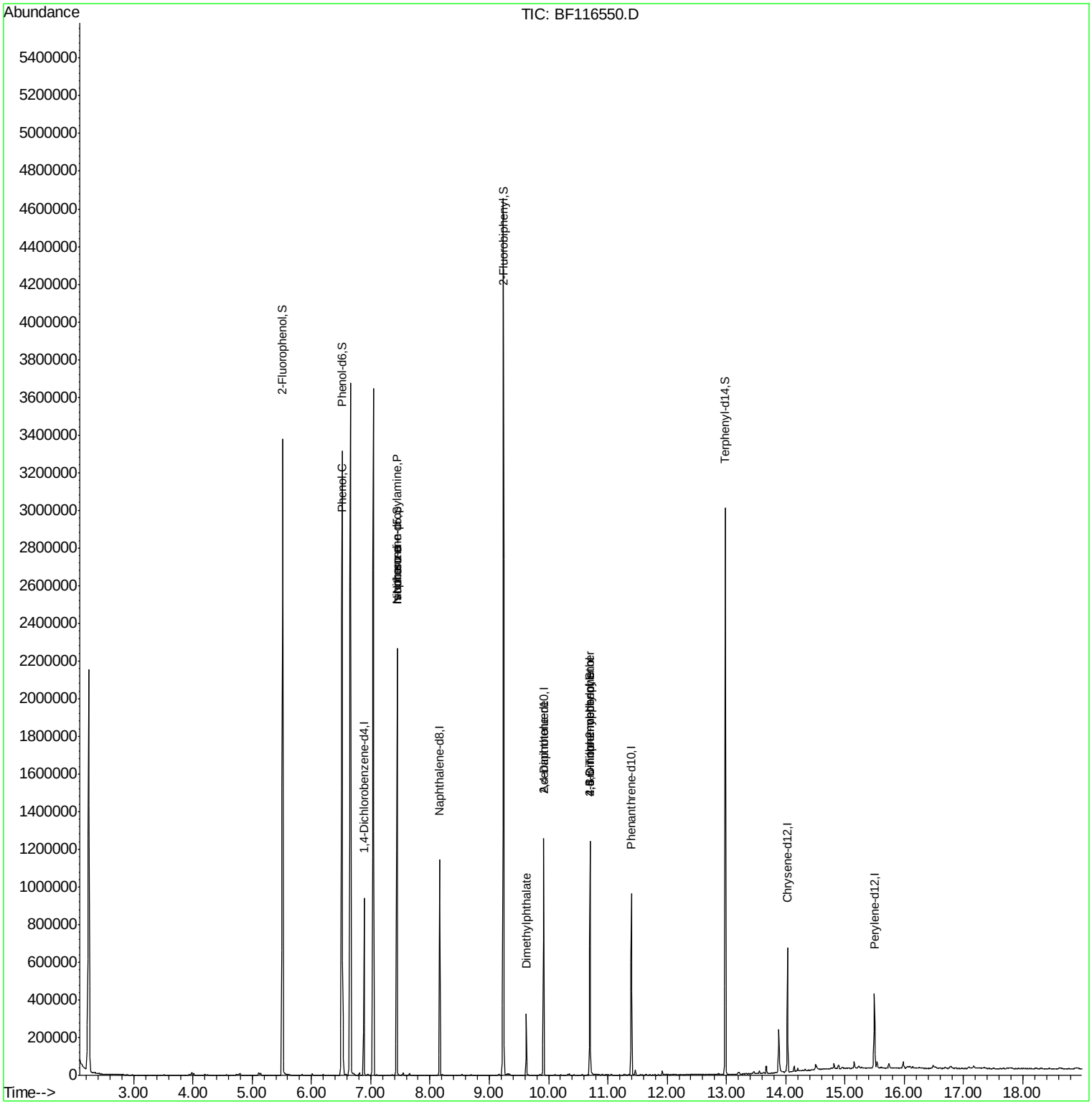
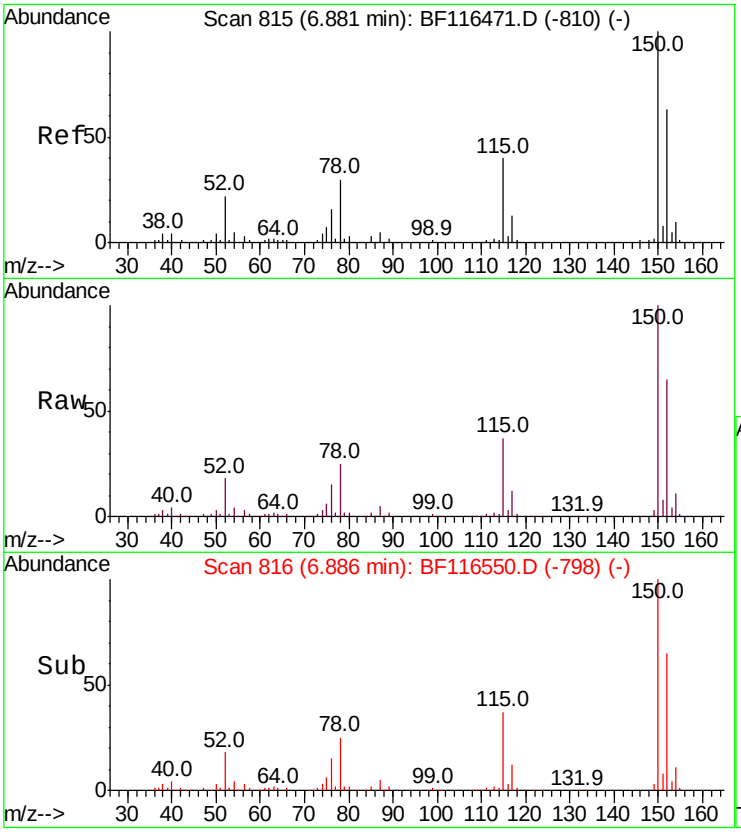


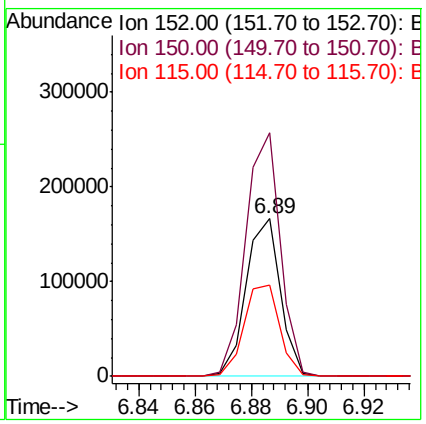


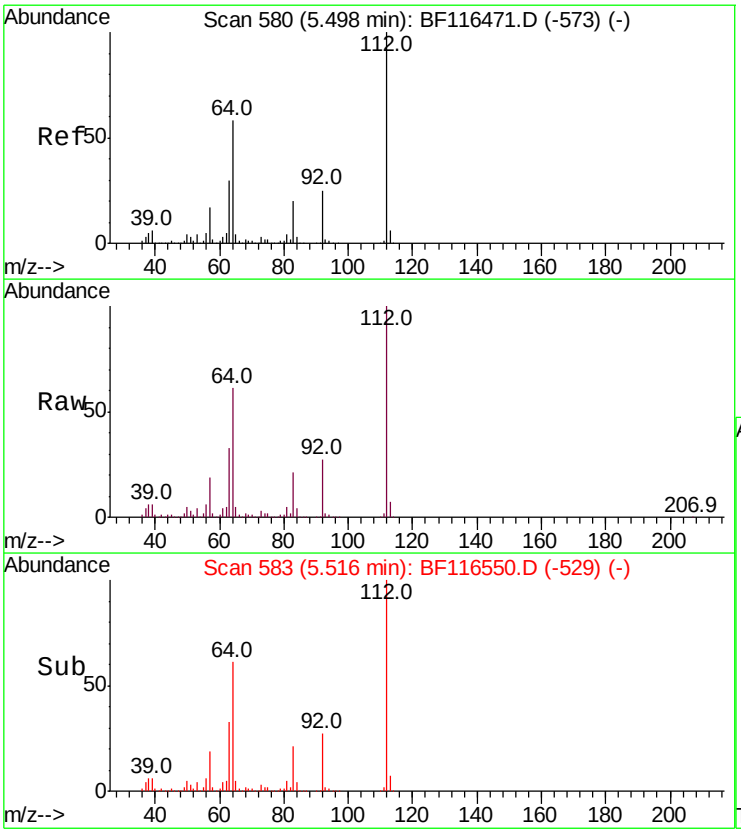
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140720

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.7	190.1
115	57.8	50.9	76.3

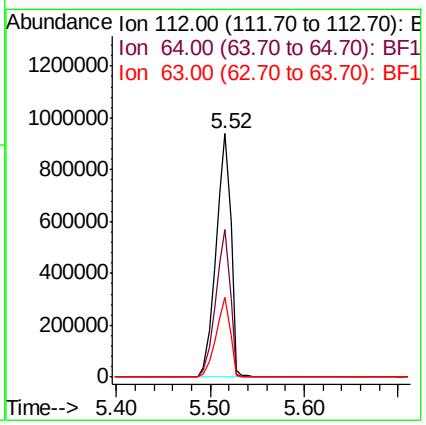


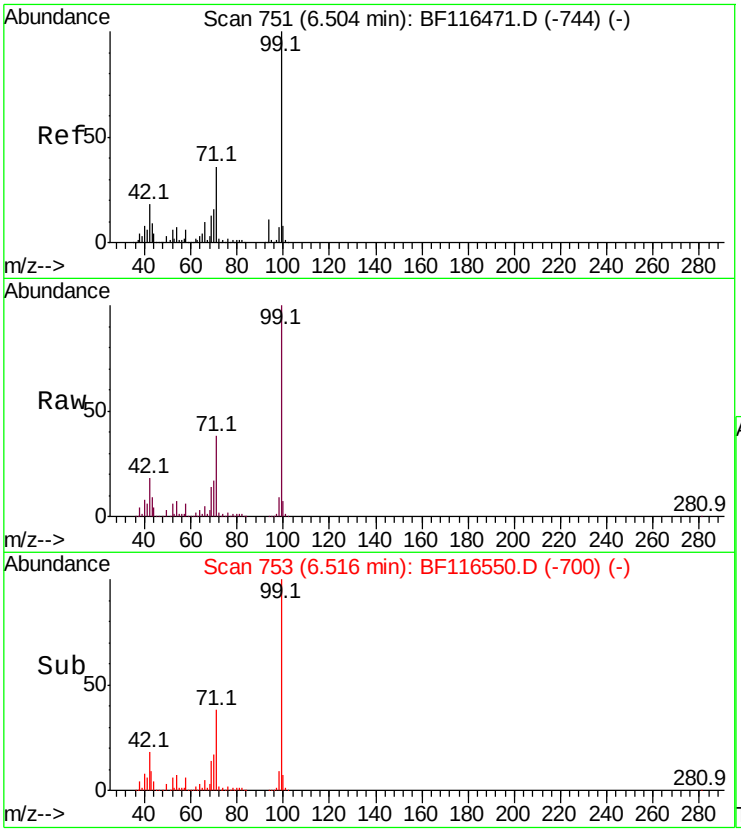


#5
2-Fluorophenol
Concen: 107.930 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:112 Resp: 1039450

Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.3	69.5
63	32.6	24.2	36.4



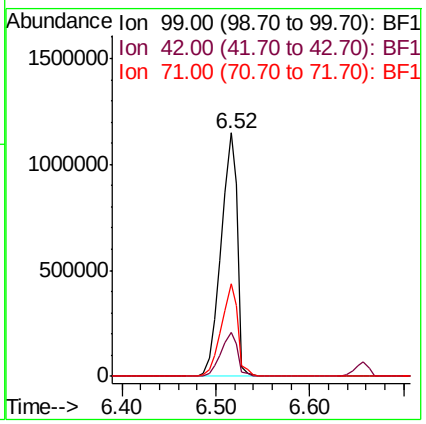


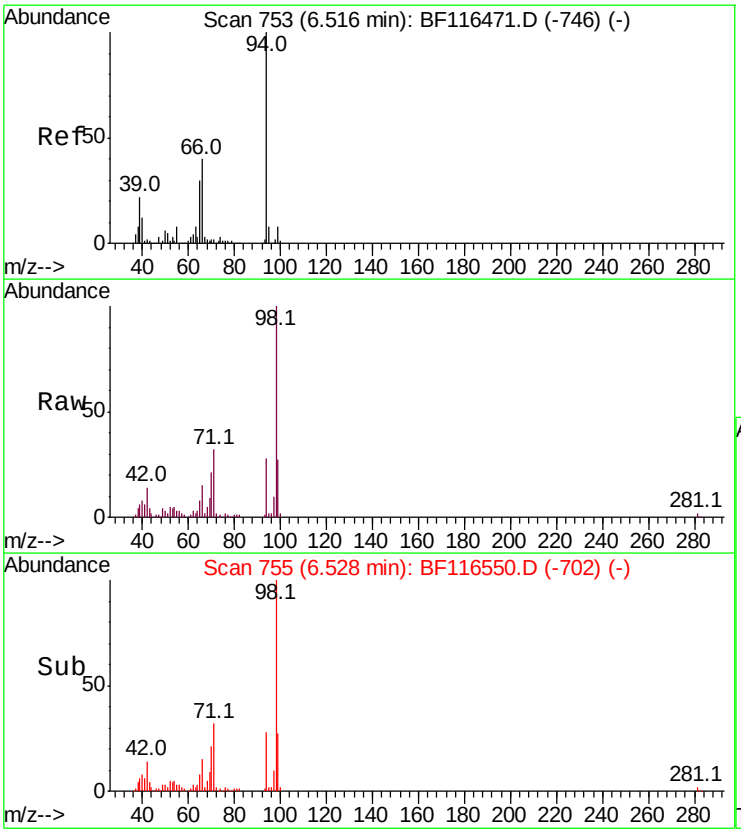
#7
Phenol-d6
Concen: 117.209 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1384095

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	21.8
71	37.9	28.5	42.7

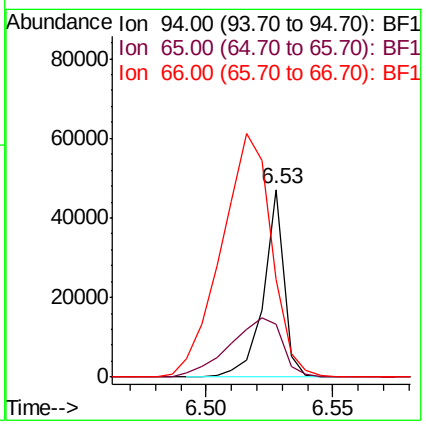


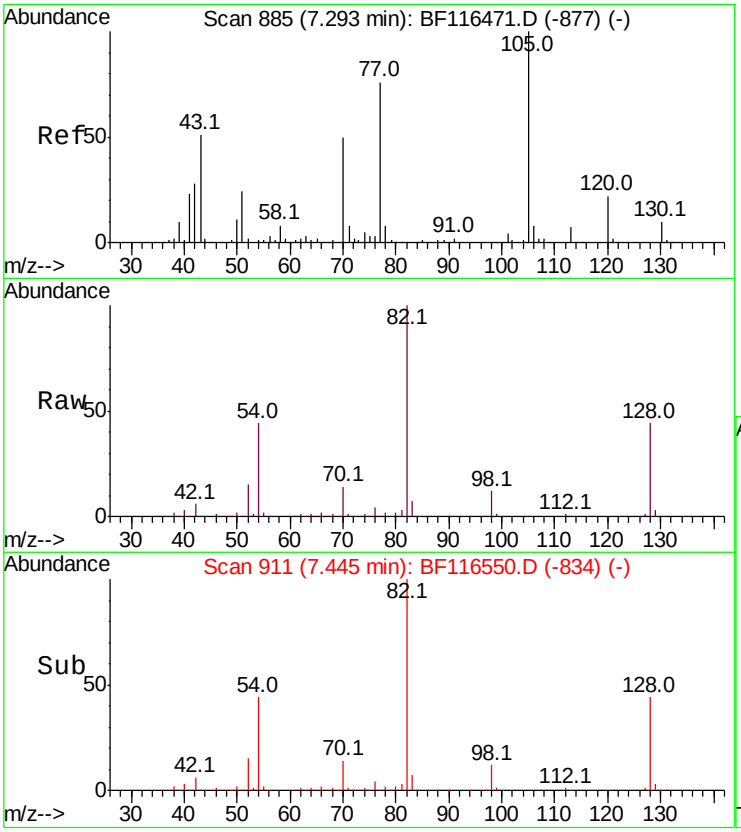


#10
Phenol
Concen: 2.088 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion: 94 Resp: 26775

Ion	Ratio	Lower	Upper
94	100		
65	28.2	10.0	50.0
66	52.4	19.8	59.8



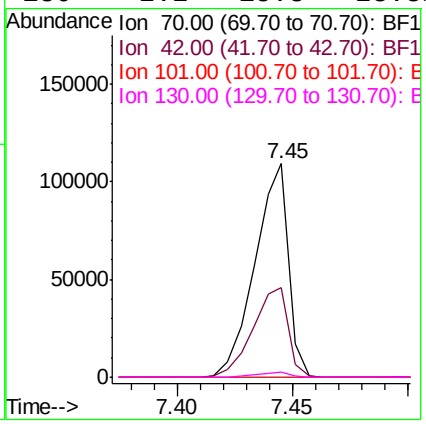


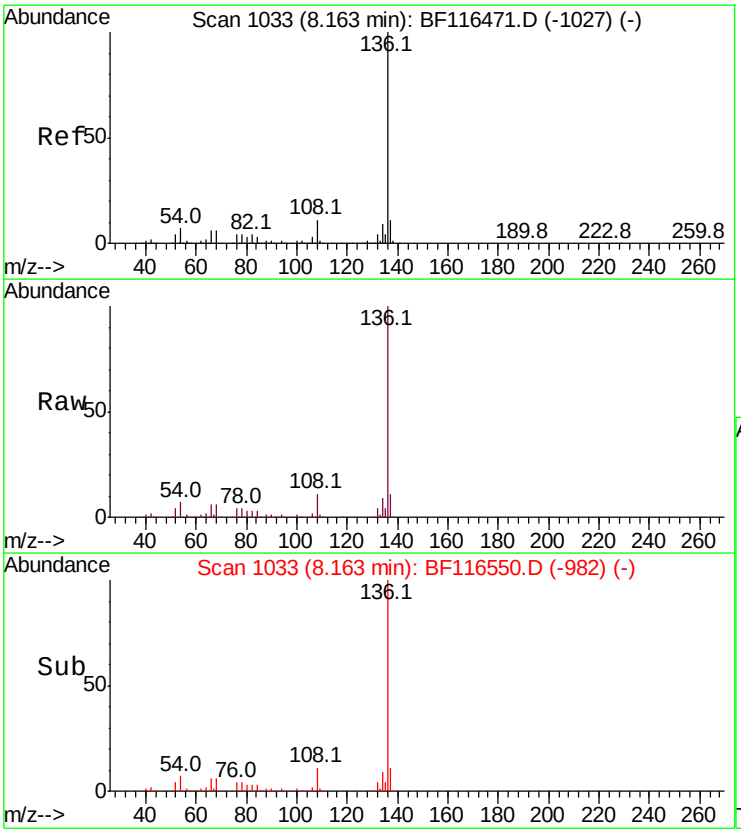
#19
n-Nitroso-di-n-propylamine
Concen: 13.674 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 110180

Ion	Ratio	Lower	Upper
70	100		
42	41.9	44.4	66.6#
101	0.0	7.1	10.7#
130	2.2	15.8	23.8#

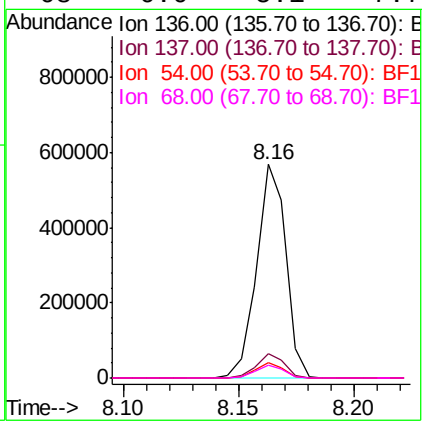


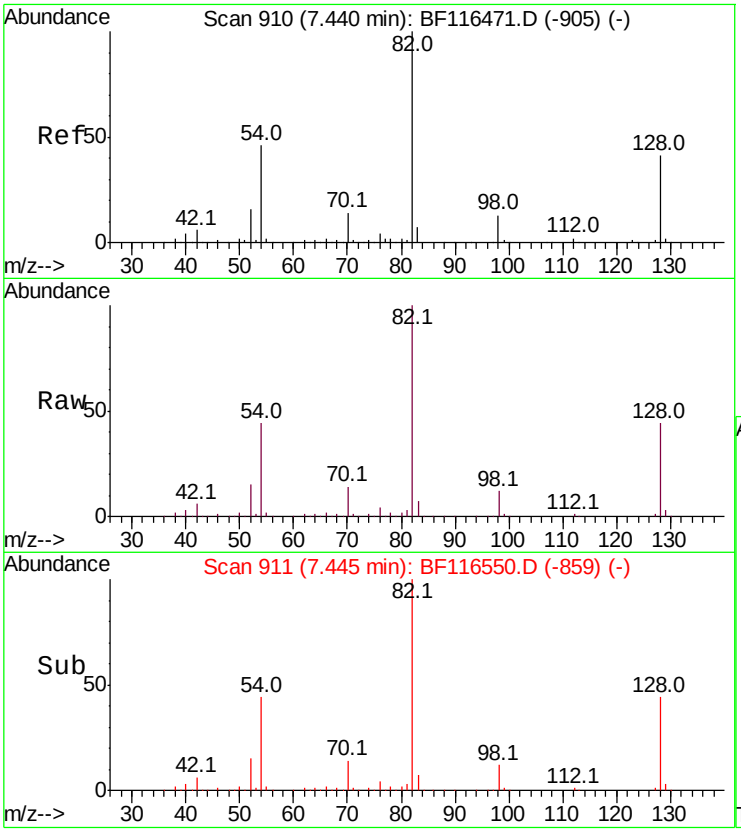


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:136 Resp: 504327

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.8	8.6
68	6.0	5.1	7.7



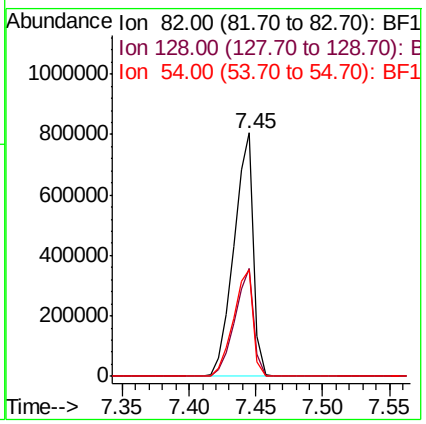


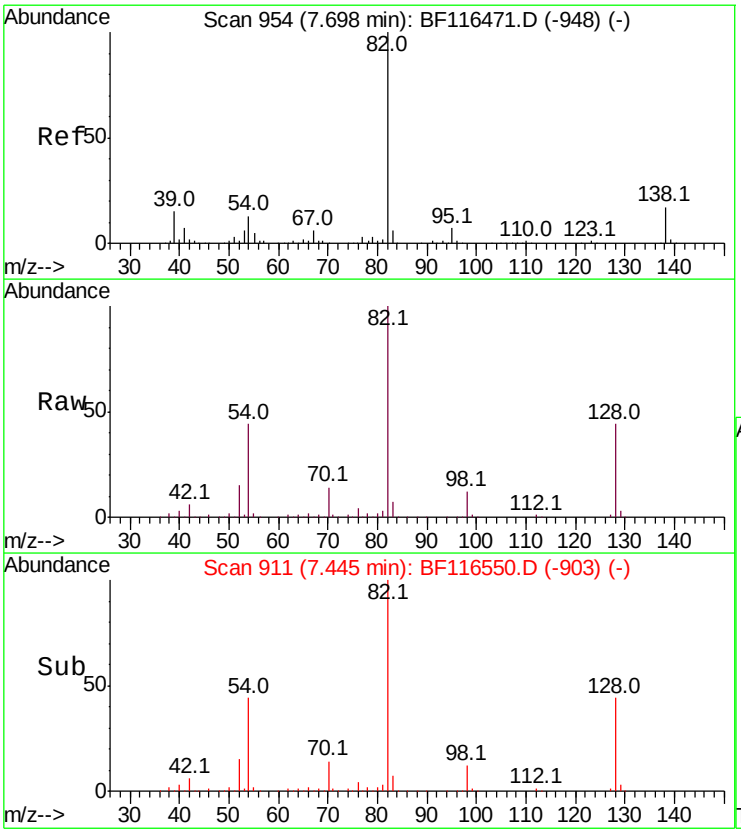
#23
Nitrobenzene-d5
Concen: 89.314 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 823310

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.2	48.4
54	43.8	36.5	54.7

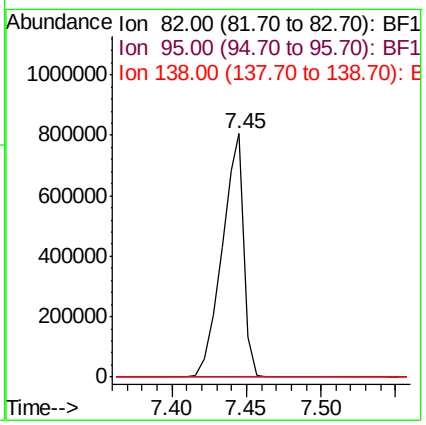


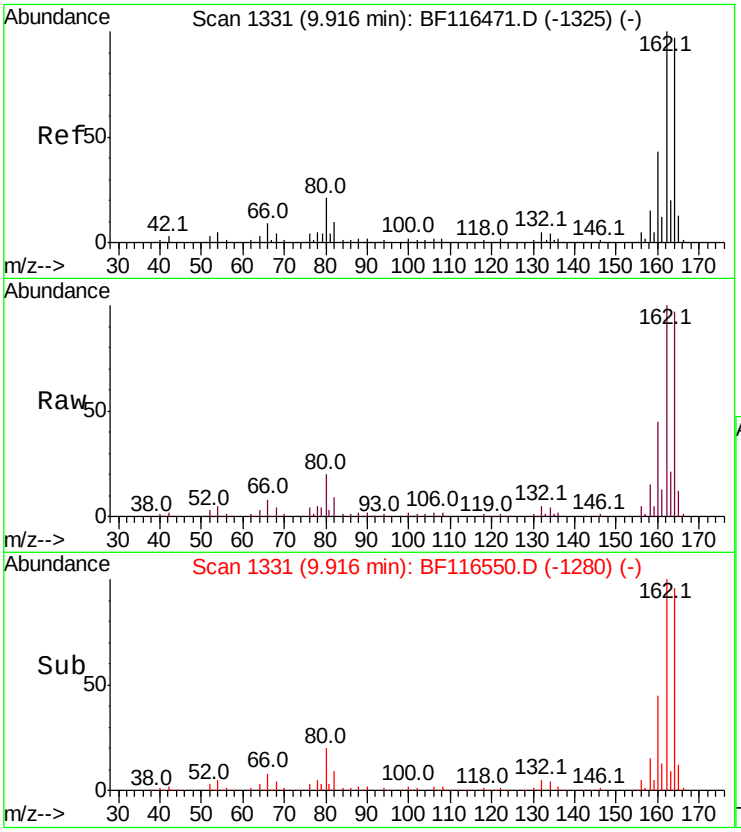


#25
Isophorone
Concen: 45.200 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.25 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion: 82 Resp: 821096

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#



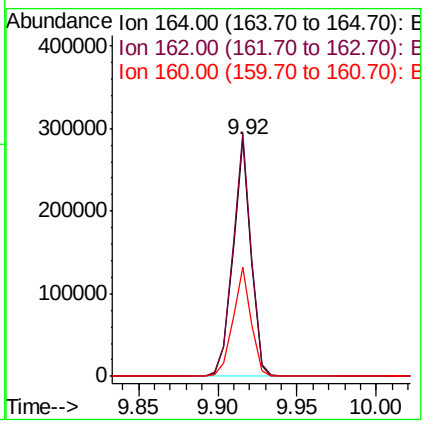


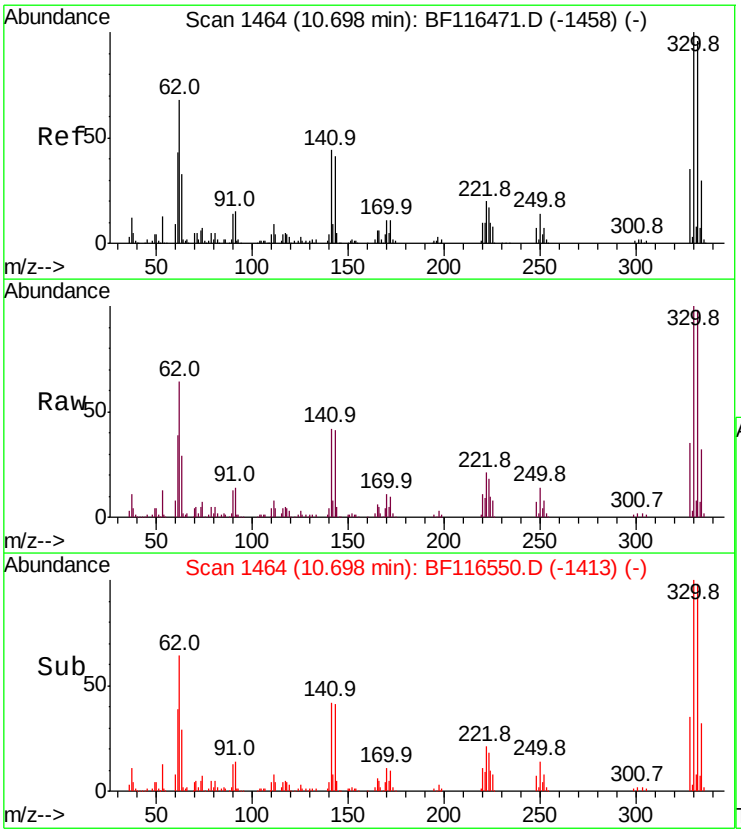
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 225666

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	46.2	35.8	53.8

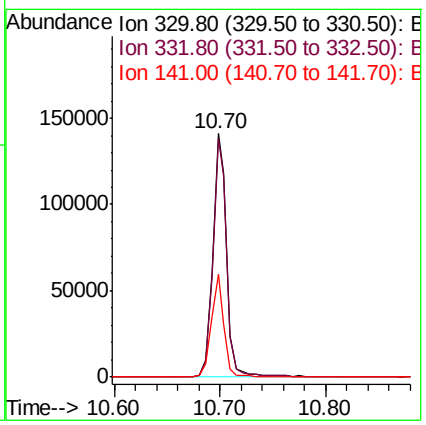


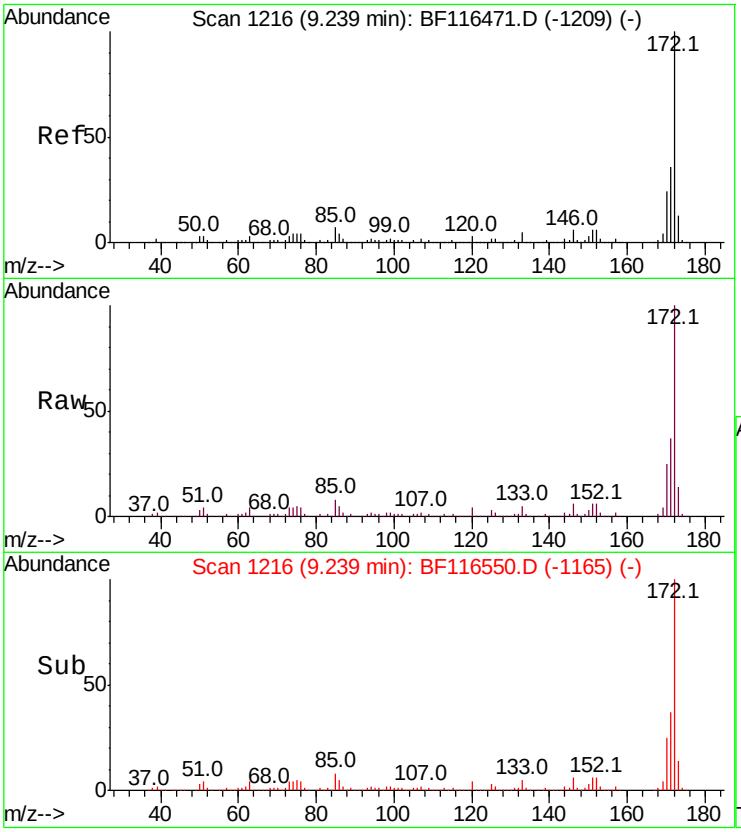


#42
2,4,6-Tribromophenol
Concen: 67.911 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:330 Resp: 131593

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.2	115.8
141	38.8	33.3	49.9



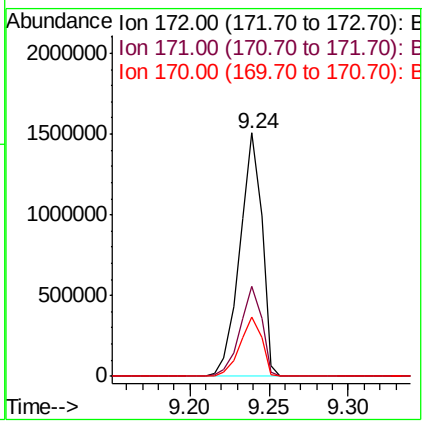


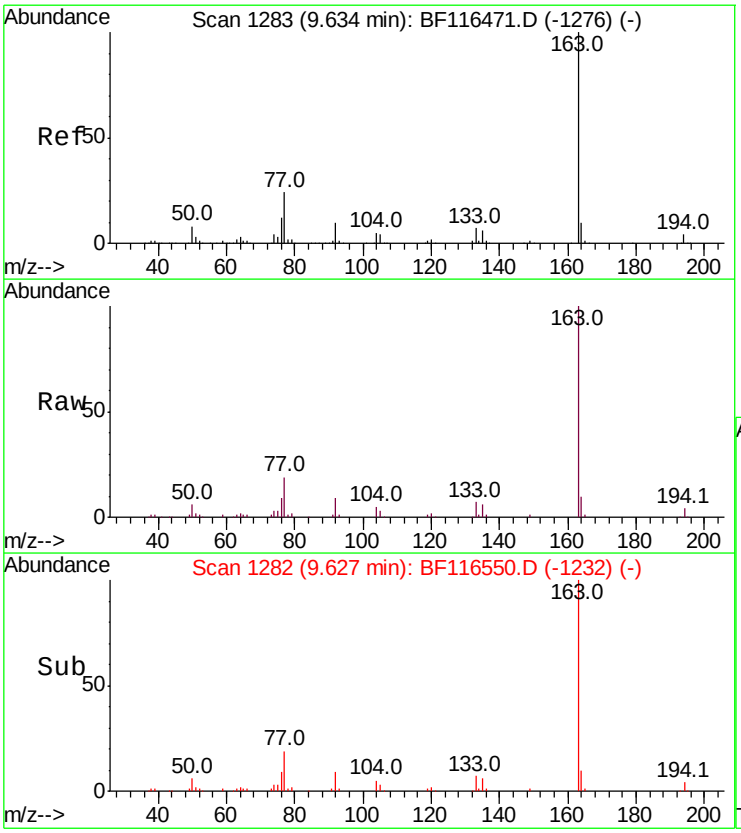
#45
2-Fluorobiphenyl
Concen: 104.132 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1459202

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.5	19.4	29.0

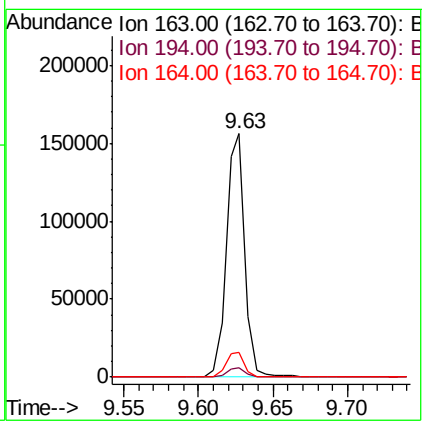


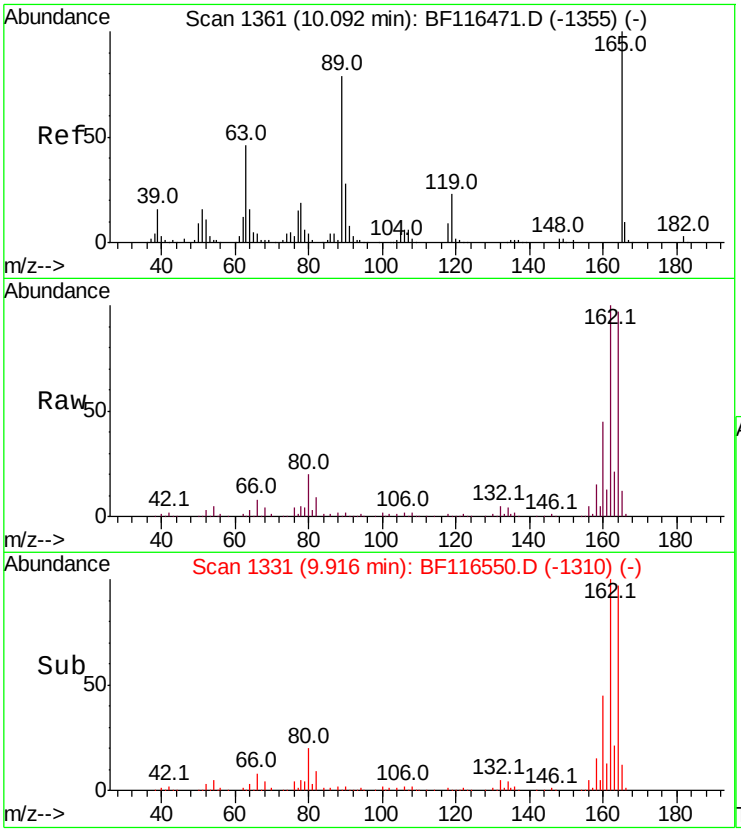


#50
Dimethylphthalate
Concen: 8.708 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:163 Resp: 137112

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.0	8.2	12.2



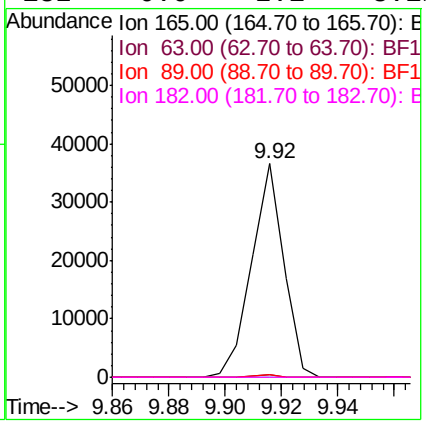


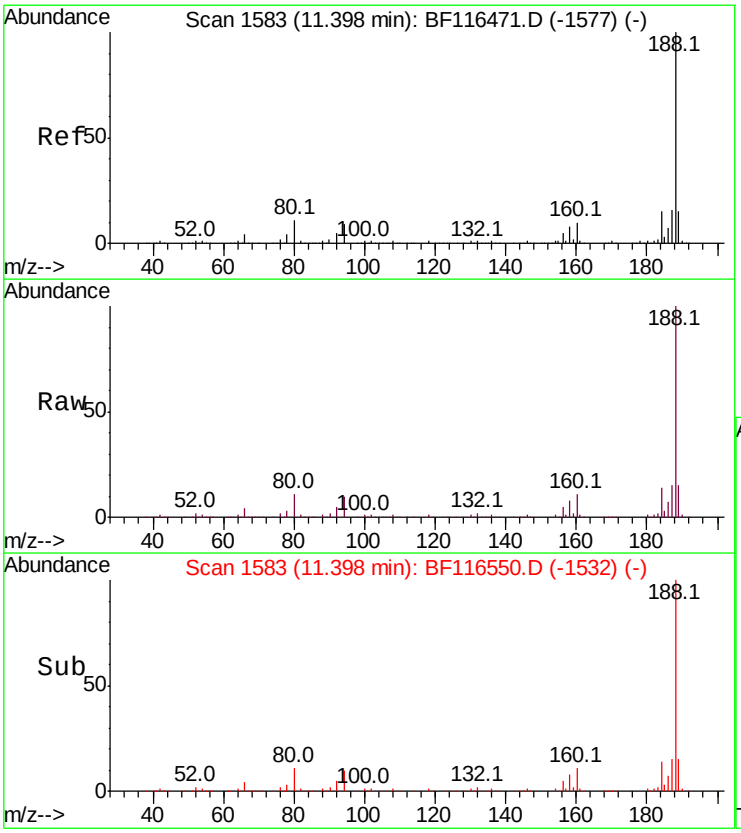
#57
2,4-Dinitrotoluene
Concen: 7.077 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29023

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.9	55.3#
89	1.2	63.4	95.0#
182	0.0	2.1	3.1#

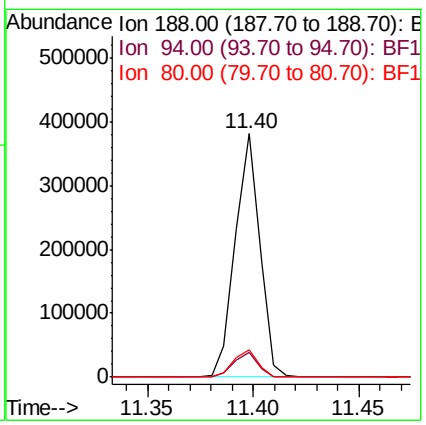


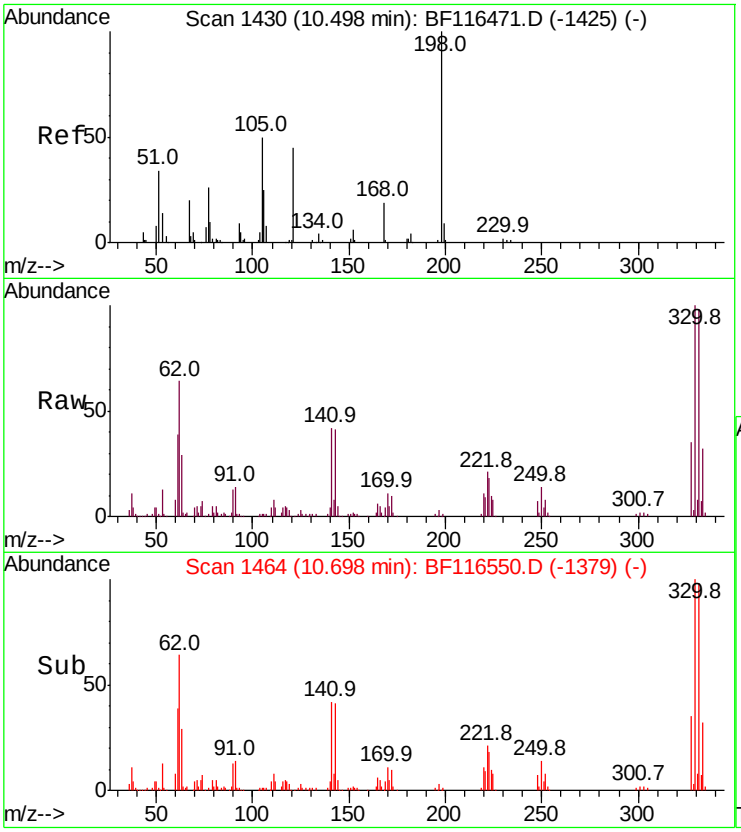


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:188 Resp: 306767

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.4	11.2
80	11.0	8.6	12.8



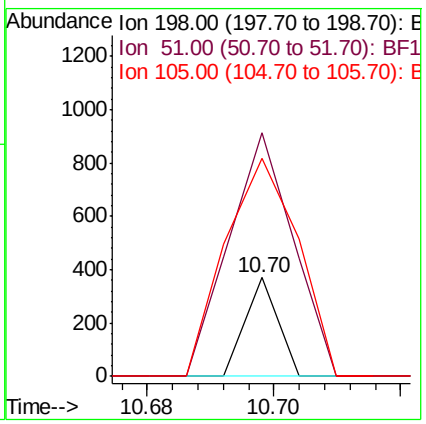


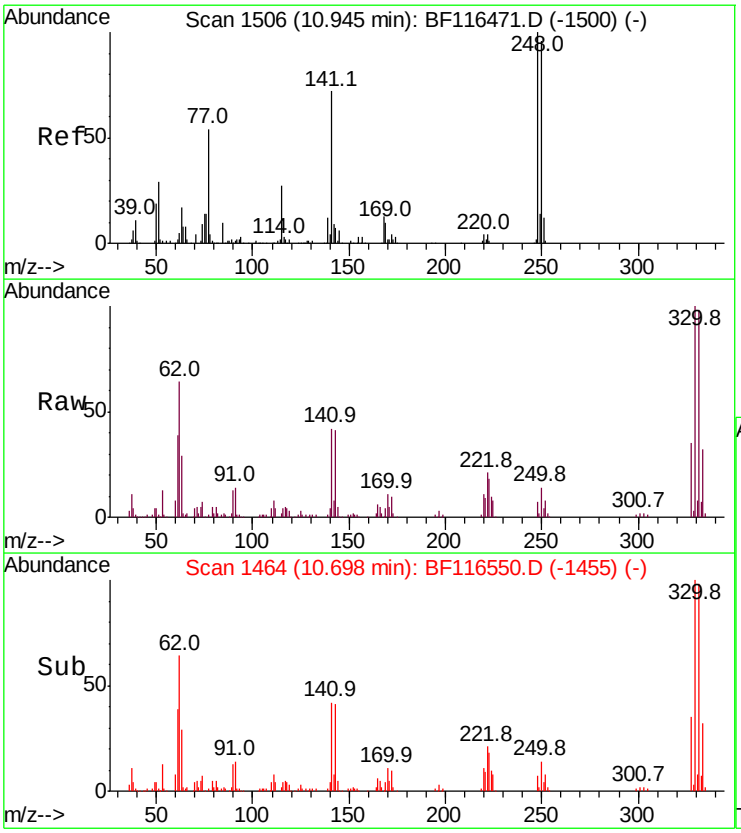
#65
4,6-Dinitro-2-methylphenol
Concen: 7.094 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 131

Ion	Ratio	Lower	Upper
198	100		
51	246.1	30.4	70.4#
105	220.2	32.8	72.8#

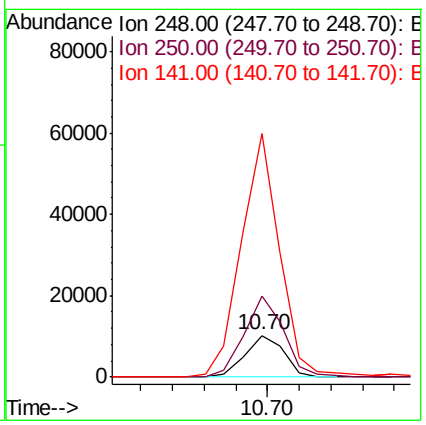


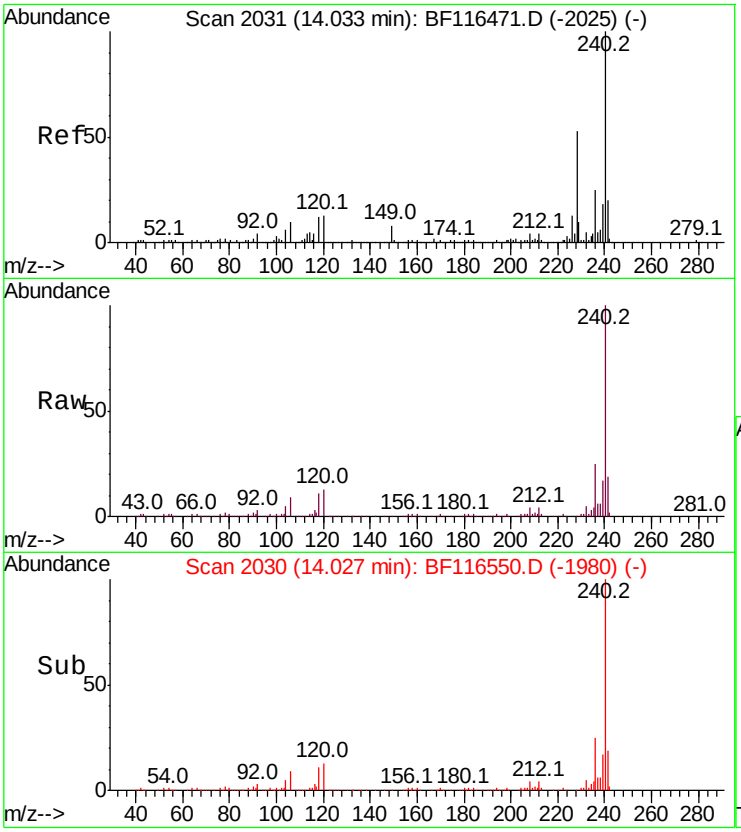


#67
4-Bromophenyl-phenylether
Concen: 2.709 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:248 Resp: 8713

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.0	115.6#
141	580.8	57.4	86.0#



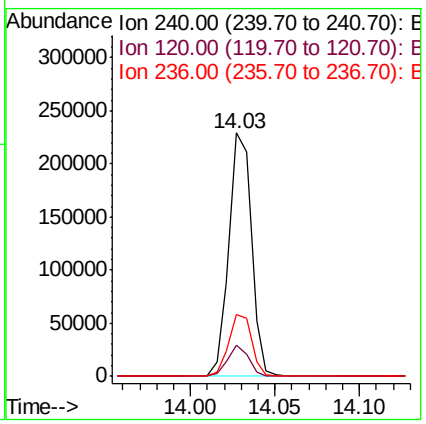


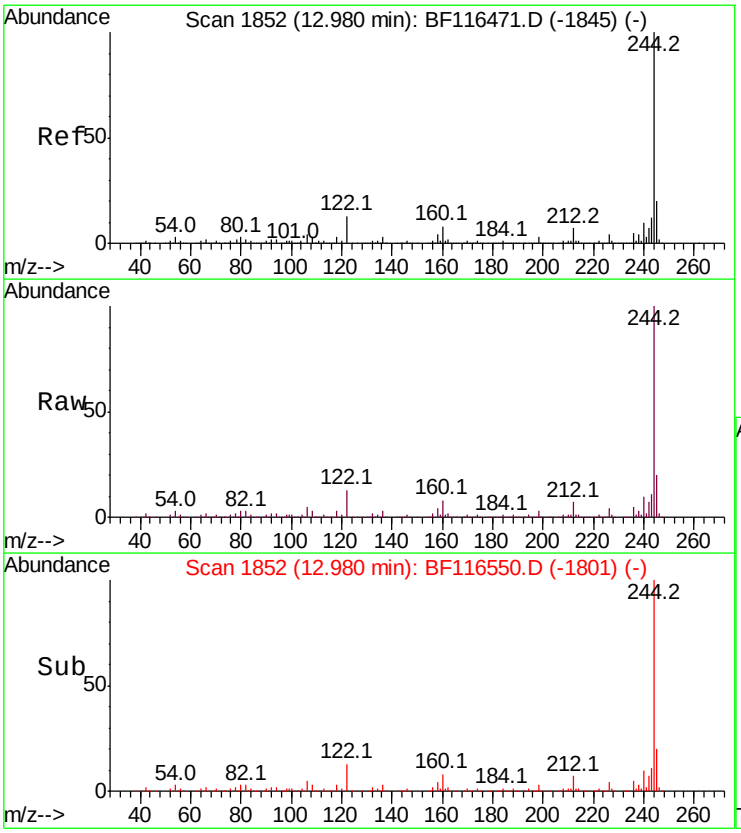
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 213148

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.5	15.7
236	25.3	20.2	30.2

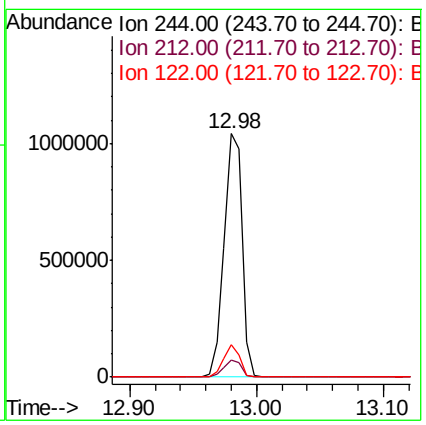


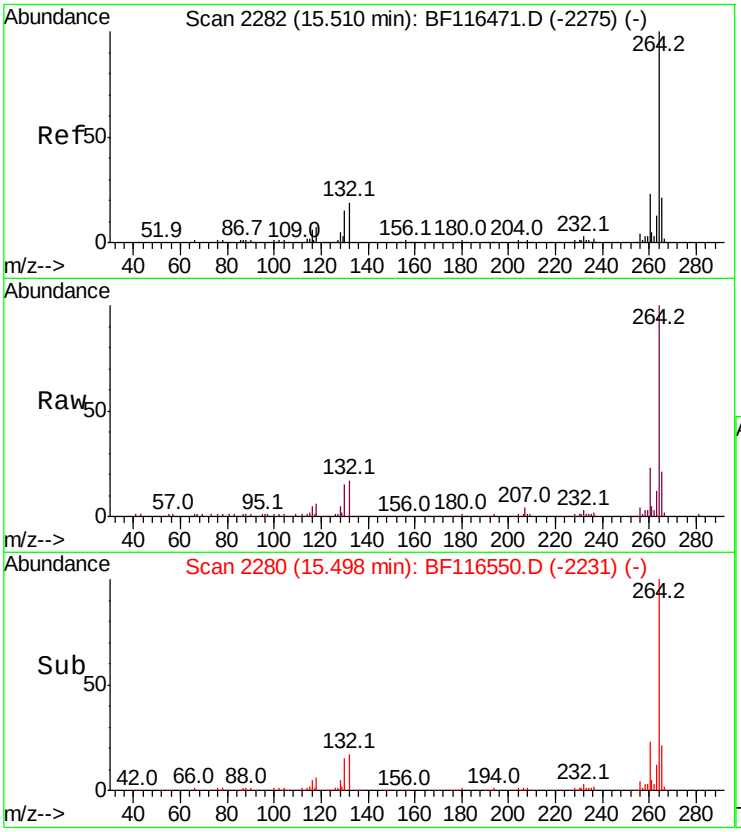


#79
Terphenyl-d14
Concen: 89.596 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Tgt Ion:244 Resp: 1022388

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	13.4	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116550.D
Acq: 26 Aug 2019 2:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 179573

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.4	17.1	25.7