Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116595.D
Acq On : 27 Aug 2019 21:01
Operator : HP/JU
Sample : K4516-37
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 06:38:06 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	6.87	152	58969	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	227045	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	121550	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	222916	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	162779	20.00	ng	-0.01
87) Perylene-d12	15.48	264	153924	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	822912	203.90	ng	0.00
7) Phenol-d6	6.50	99	528026	106.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	429299	103.45	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	184393	176.67	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	773657	102.50	ng	-0.01
79) Terphenyl-d14	12.97	244	954193	109.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	58655	17.371	ng	# 79
25) Isophorone	7.43	82	429293	52.492	ng	# 67
51) 2,6-Dinitrotoluene	9.90	165	15838	9.124	ng	# 24
57) 2,4-Dinitrotoluene	9.90	165	15838	7.170	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.69	198	432	7.409	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	12237	5.236	ng	# 1
77) Benzidine	12.97	184	13787	2.105	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116595.D
Acq On : 27 Aug 2019 21:01
Operator : HP/JU
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Misc :
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Instrument :
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ClientSampleId :

Quant Time: Aug 28 06:38:06 2019
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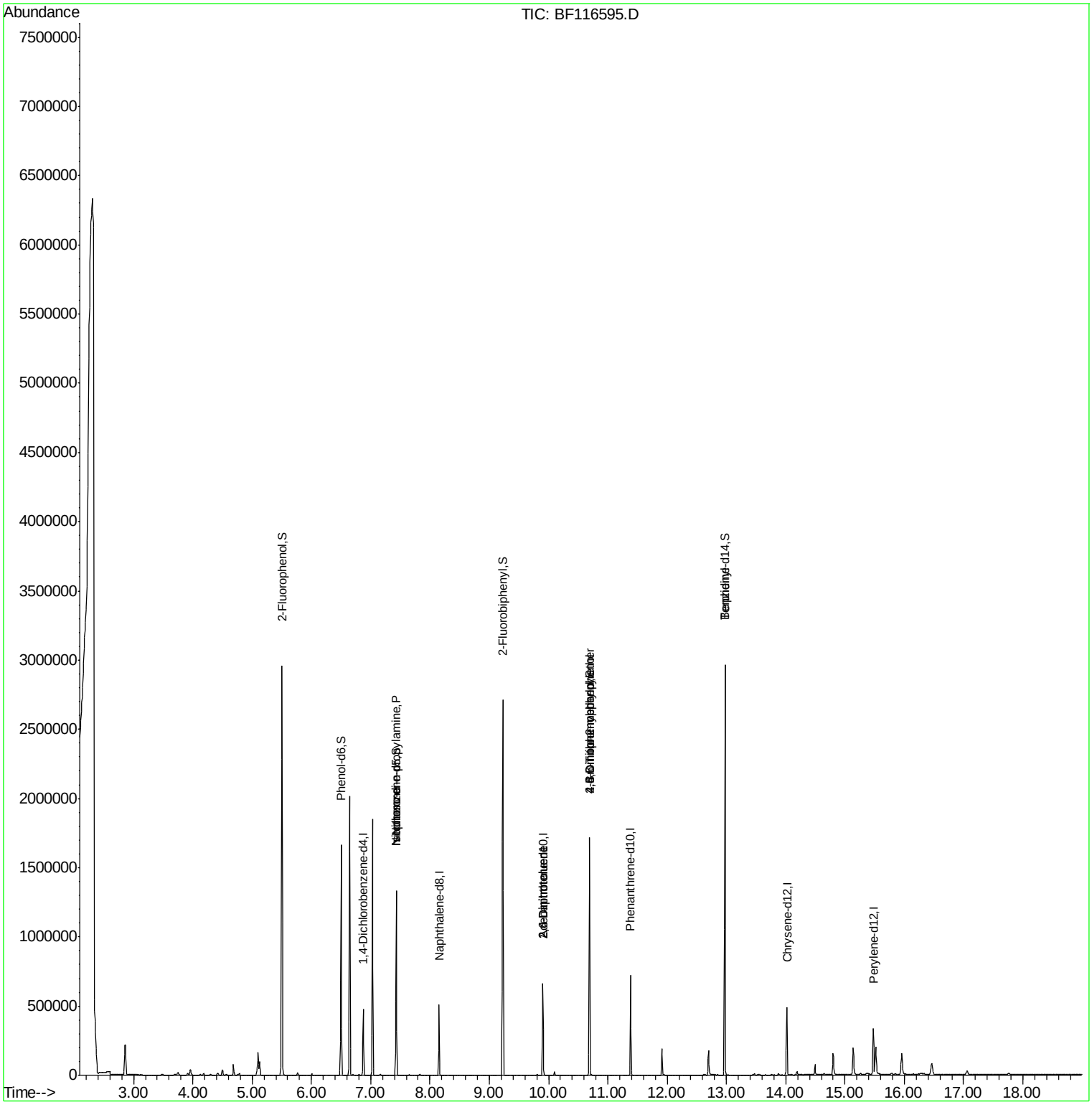
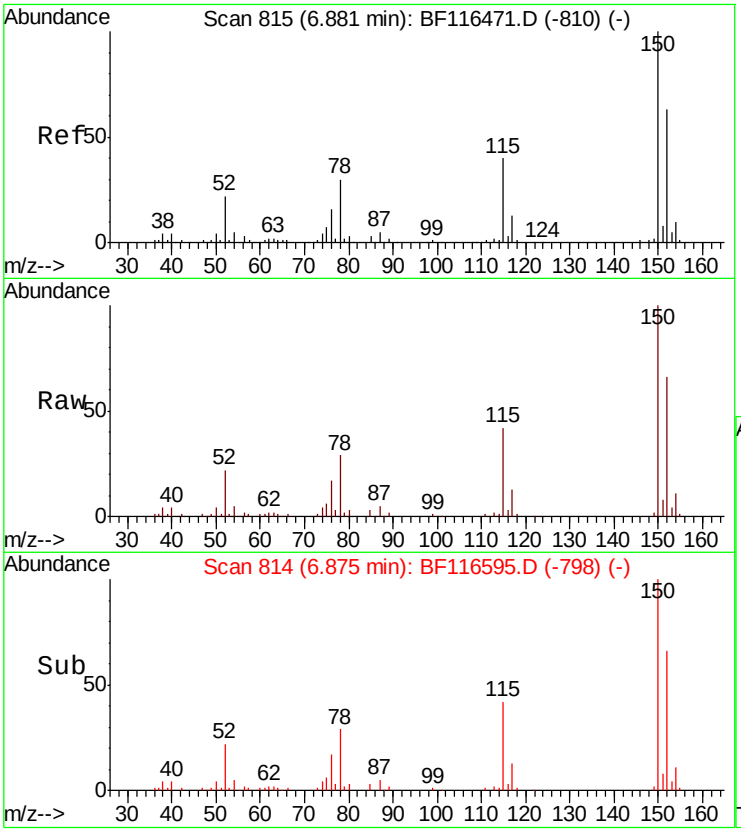
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



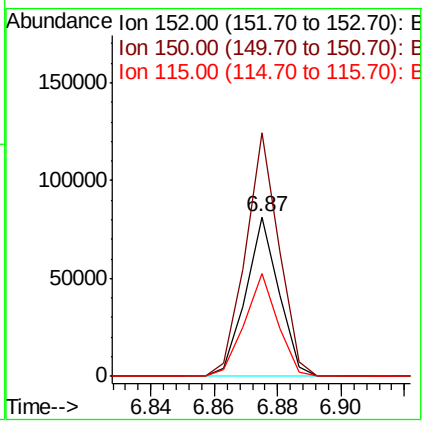


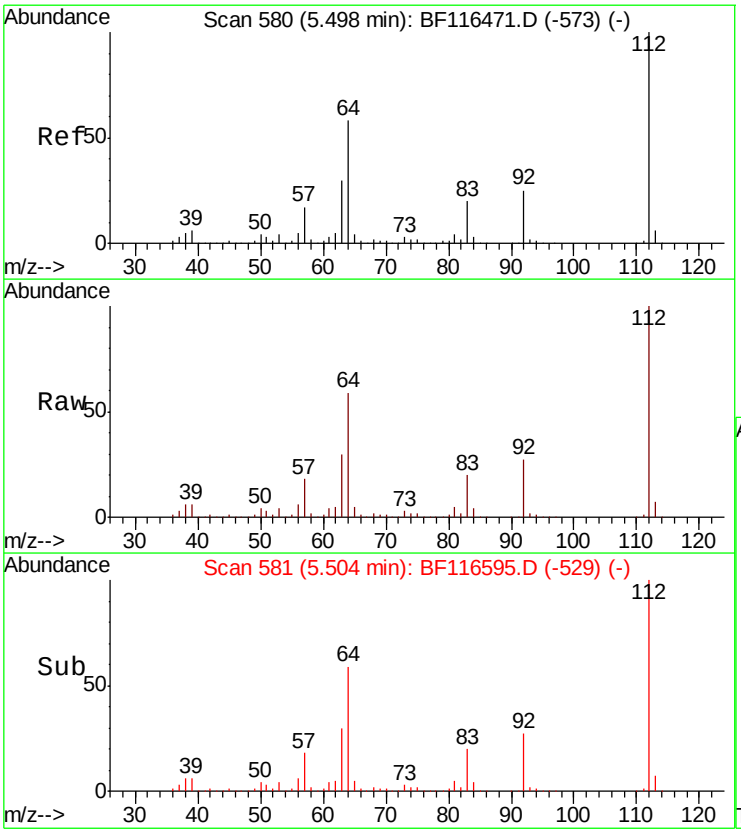
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58969

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.7	190.1
115	64.7	50.9	76.3

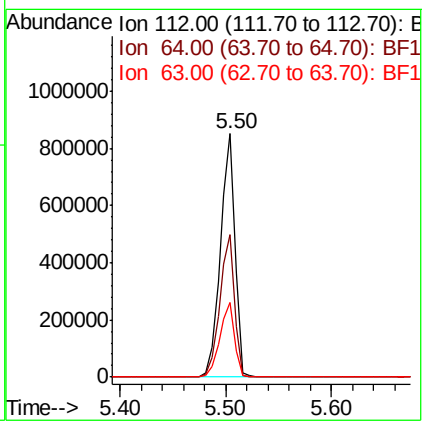


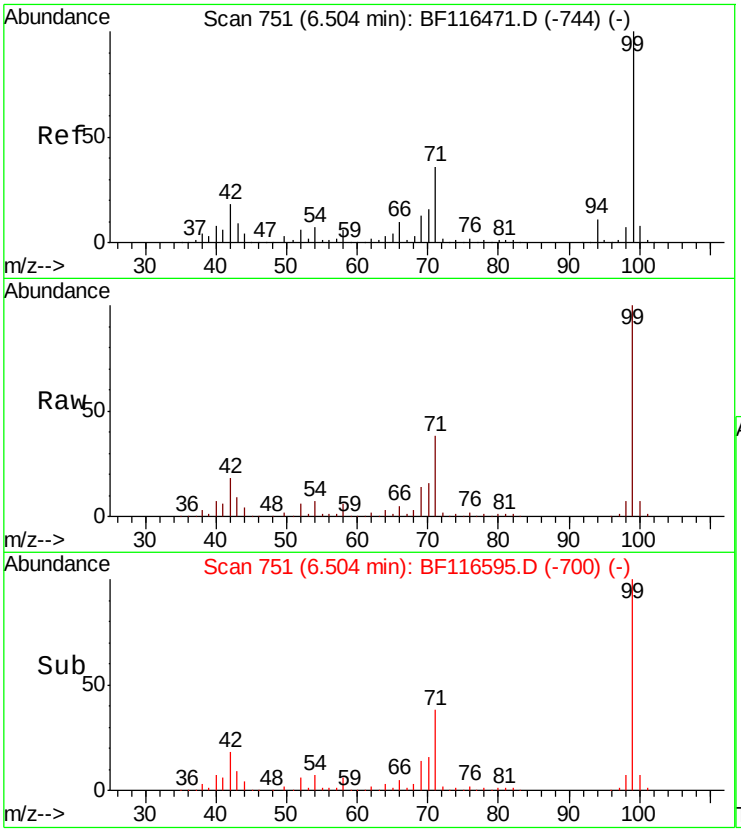


#5
2-Fluorophenol
Concen: 203.903 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:112 Resp: 822912

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.3	69.5
63	30.4	24.2	36.4



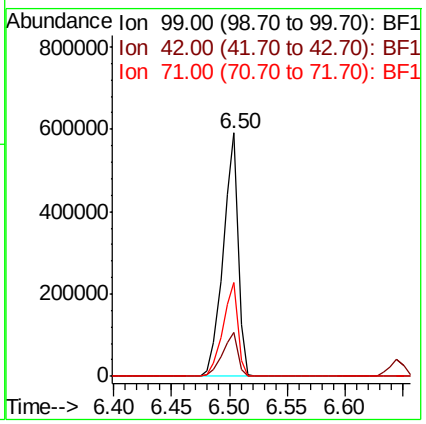


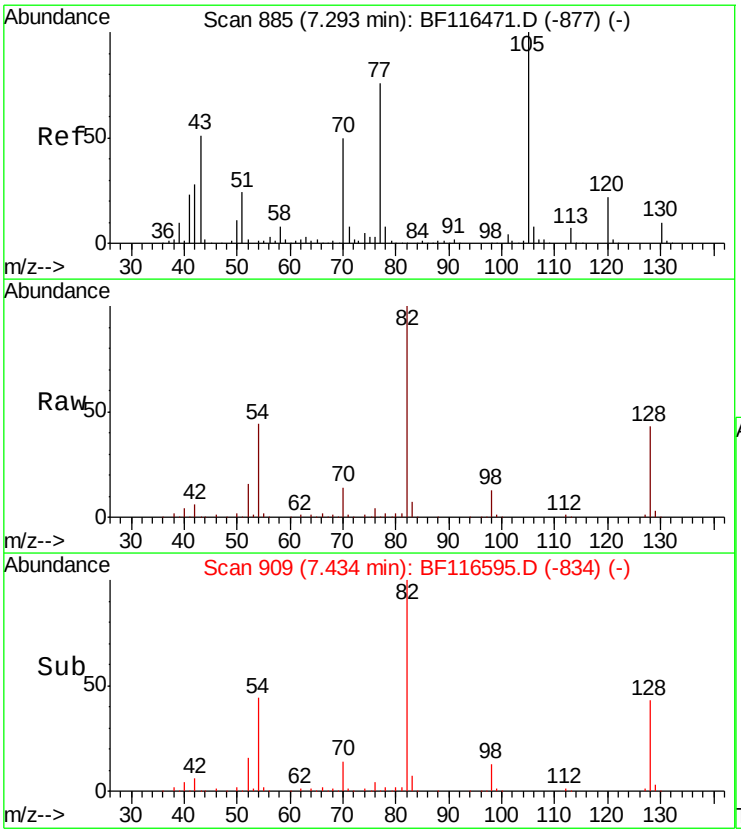
#7
Phenol-d6
Concen: 106.704 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 528026

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	38.4	28.5	42.7

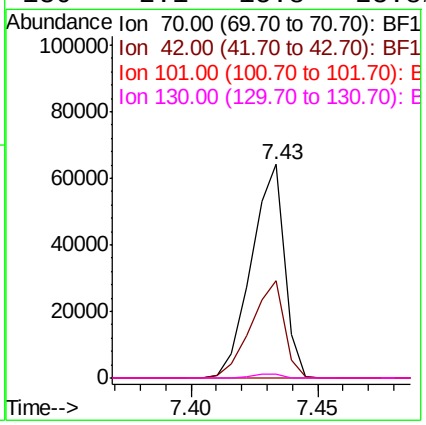


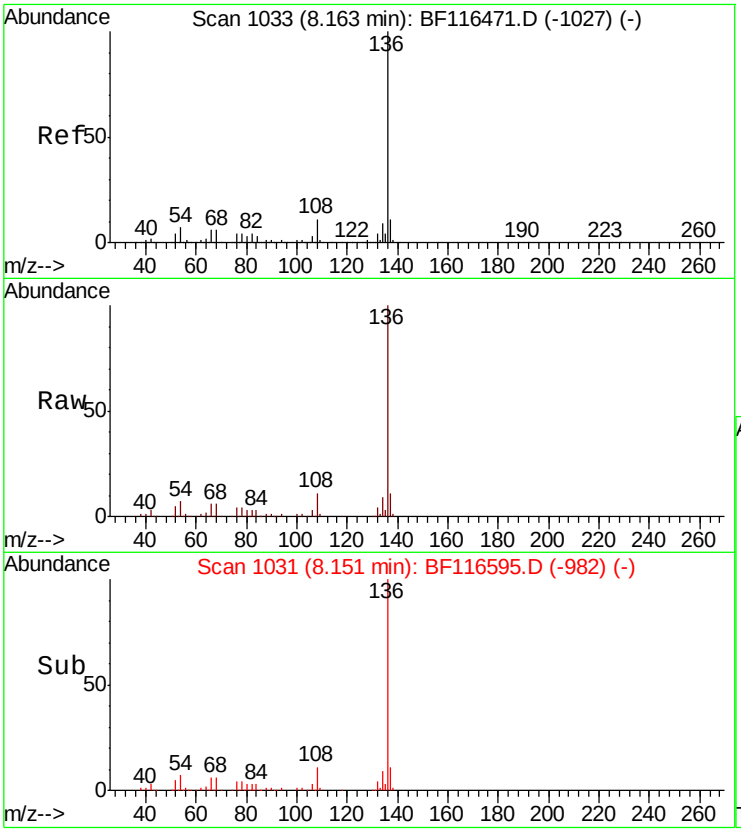


#19
n-Nitroso-di-n-propylamine
Concen: 17.371 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion: 70 Resp: 58655

Ion	Ratio	Lower	Upper
70	100		
42	45.6	44.4	66.6
101	0.0	7.1	10.7#
130	2.1	15.8	23.8#



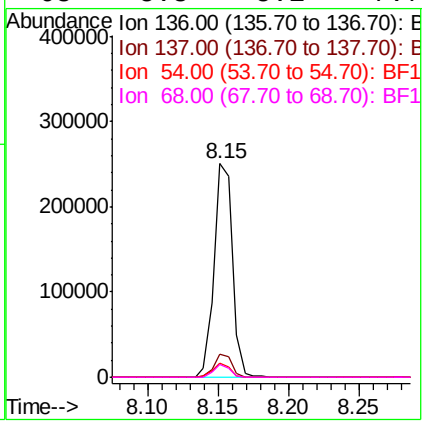


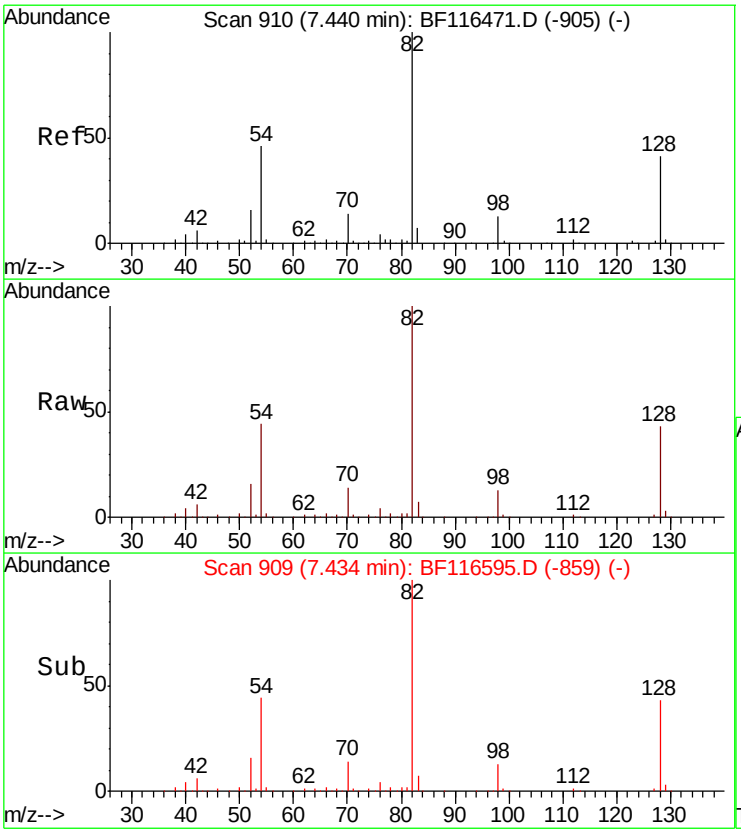
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 227045

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.8	5.8	8.6
68	5.8	5.1	7.7

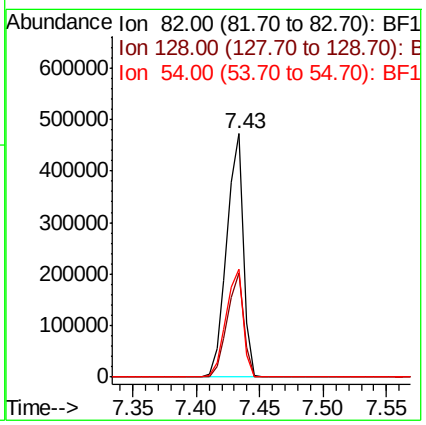


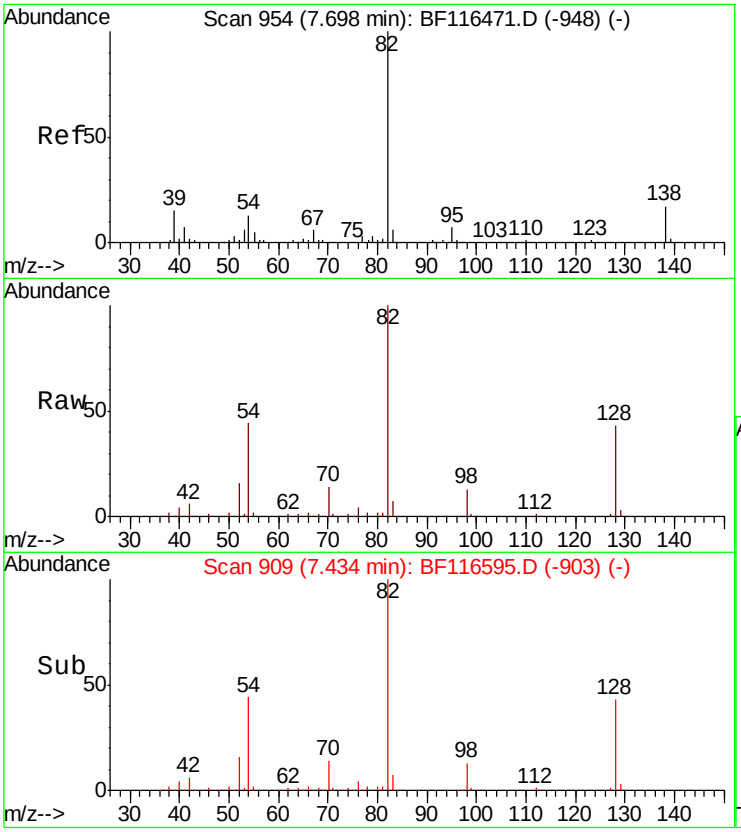


#23
Nitrobenzene-d5
Concen: 103.446 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion: 82 Resp: 429299

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.2	48.4
54	44.5	36.5	54.7



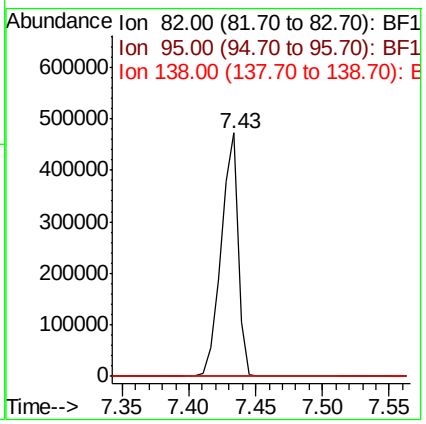


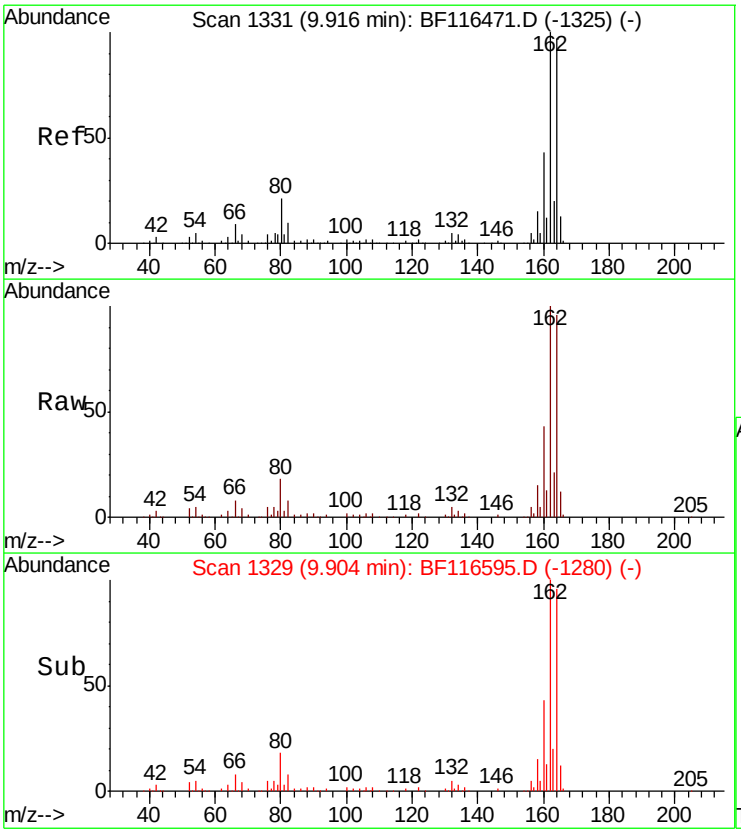
#25
Isophorone
Concen: 52.492 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 429293

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

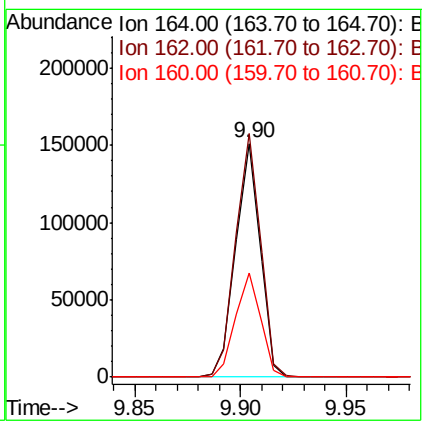


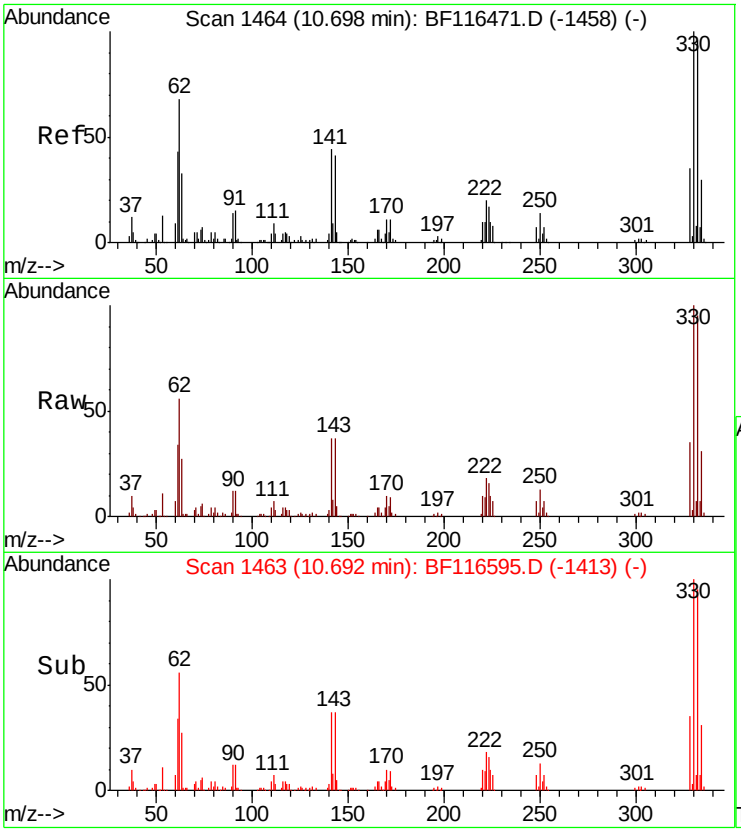


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:164 Resp: 121550

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	44.7	35.8	53.8



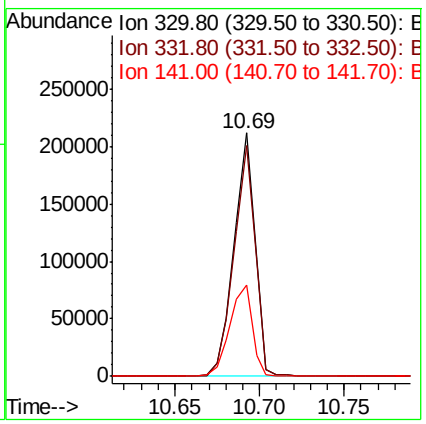


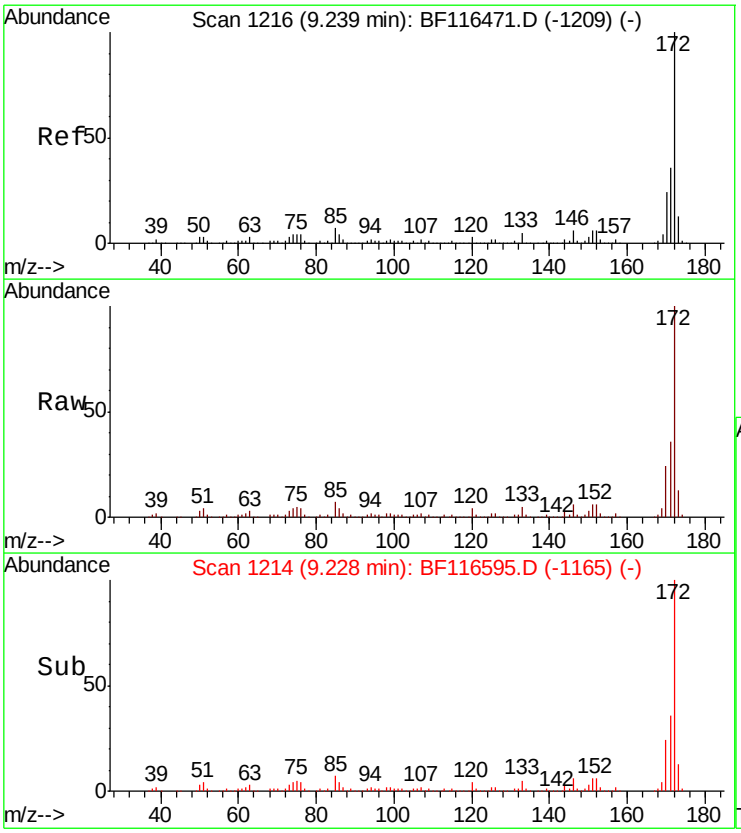
#42
2,4,6-Tribromophenol
Concen: 176.670 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 184393

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	39.9	33.3	49.9

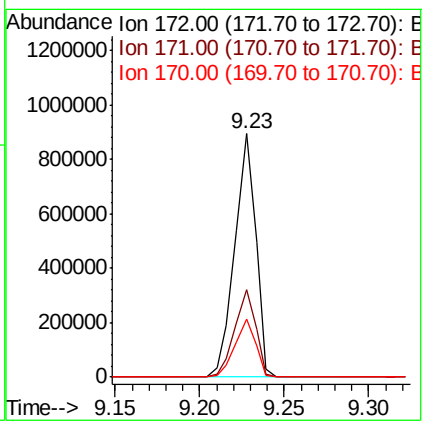


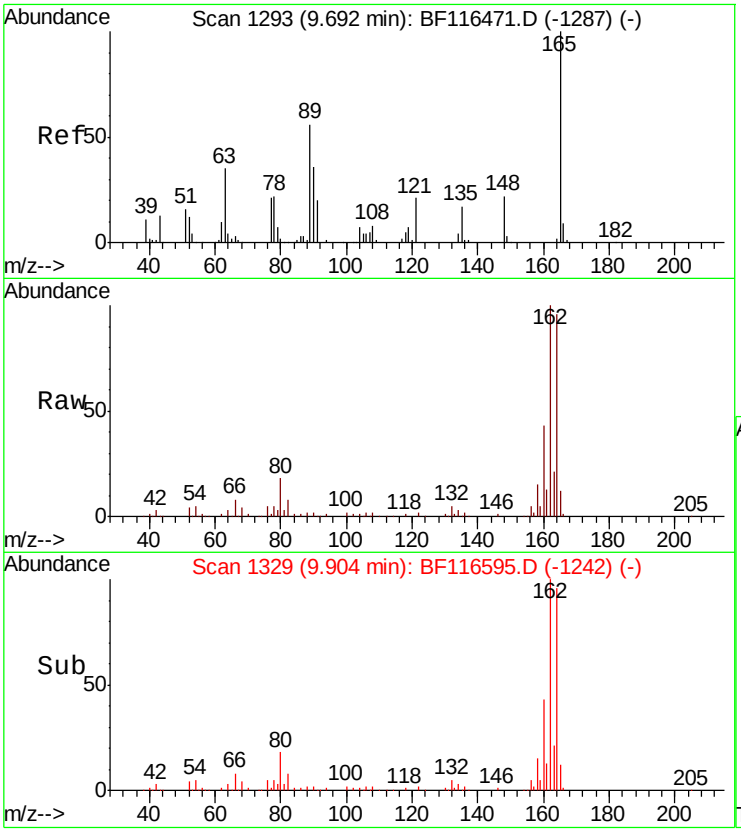


#45
2-Fluorobiphenyl
Concen: 102.501 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:172 Resp: 773657

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.9	19.4	29.0



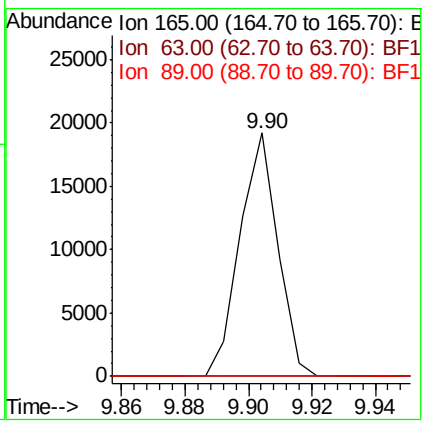


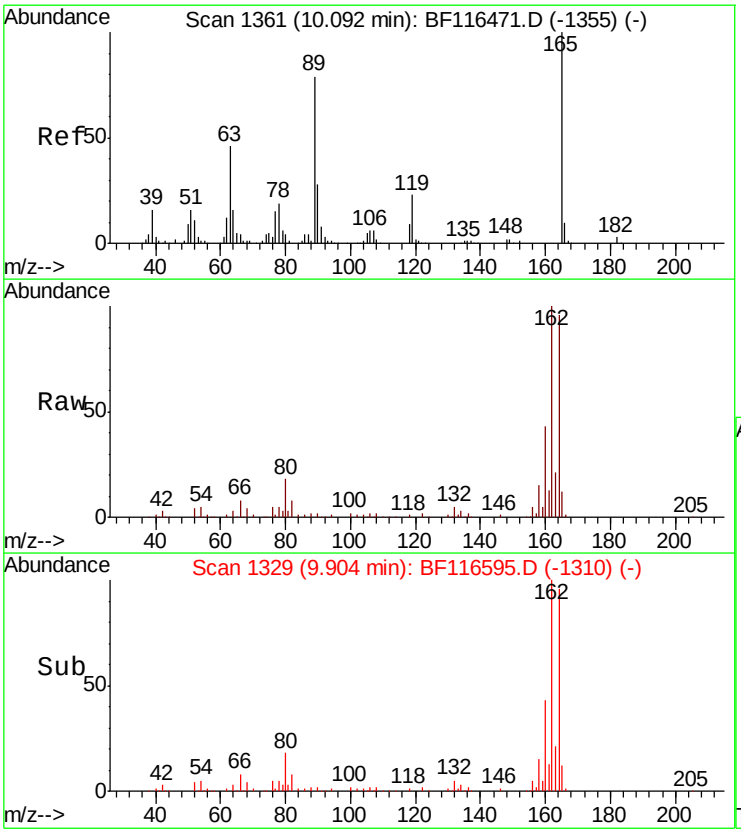
#51
2,6-Dinitrotoluene
Concen: 9.124 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 15838

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.7	65.5#
89	0.0	45.1	67.7#

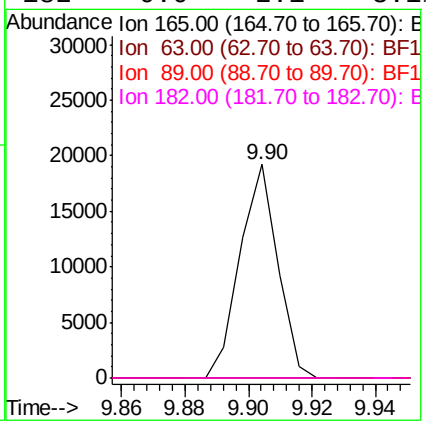


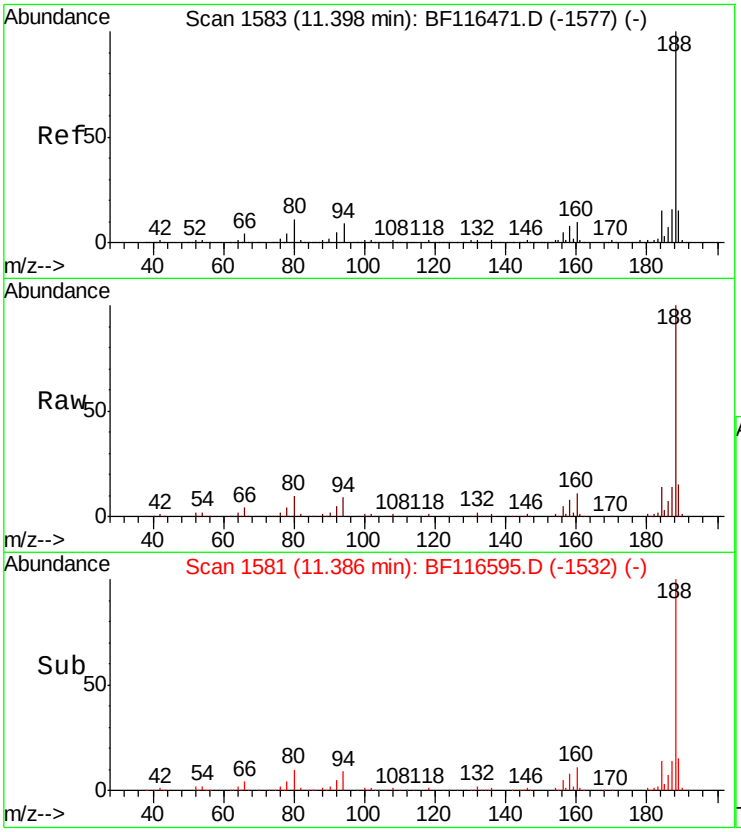


#57
2,4-Dinitrotoluene
Concen: 7.170 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:165 Resp: 15838

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



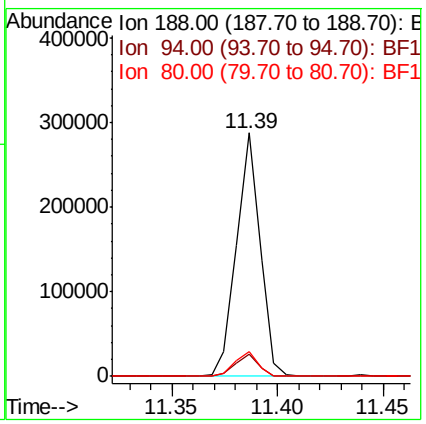


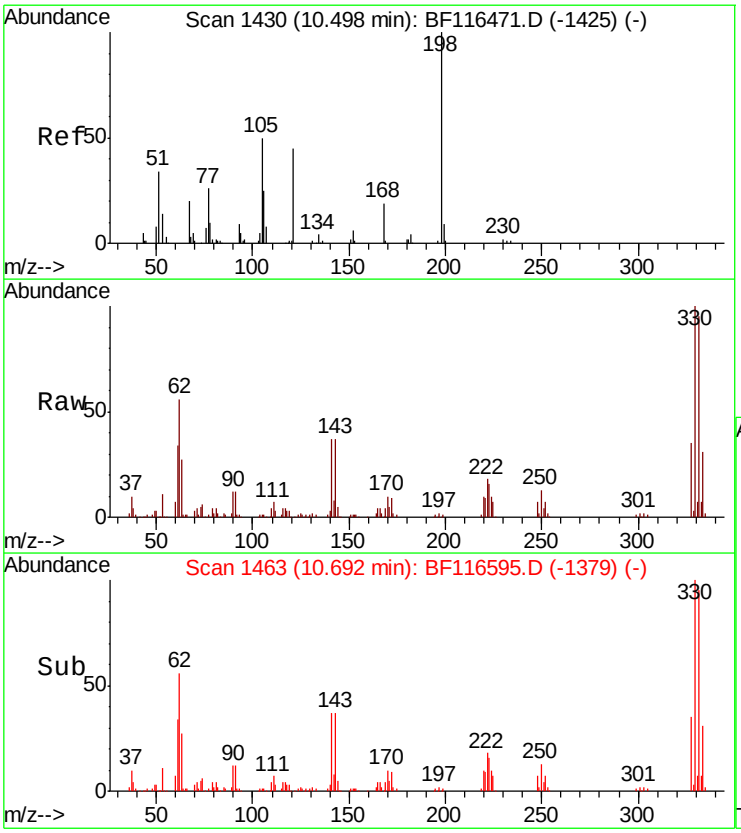
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 222916

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.0	8.6	12.8

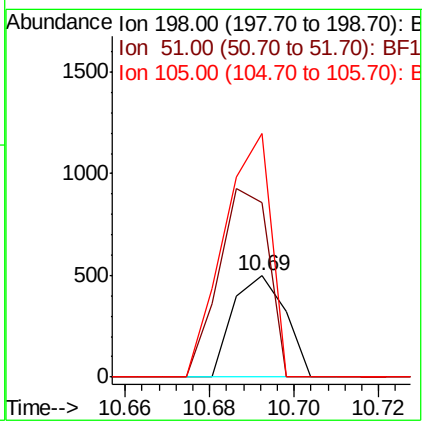


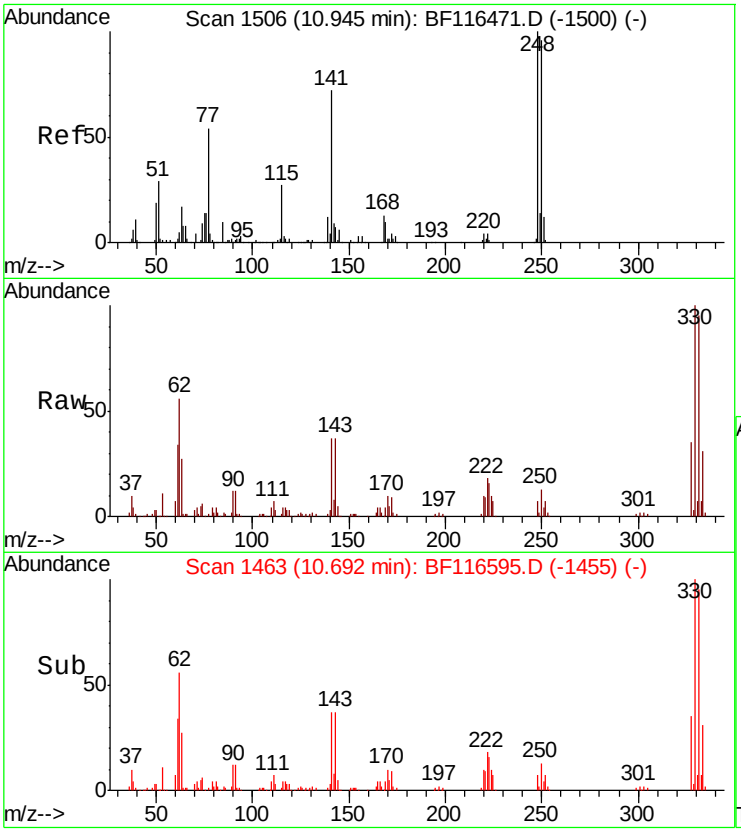


#65
4,6-Dinitro-2-methylphenol
Concen: 7.409 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.19 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:198 Resp: 432

Ion	Ratio	Lower	Upper
198	100		
51	171.7	30.4	70.4#
105	239.9	32.8	72.8#



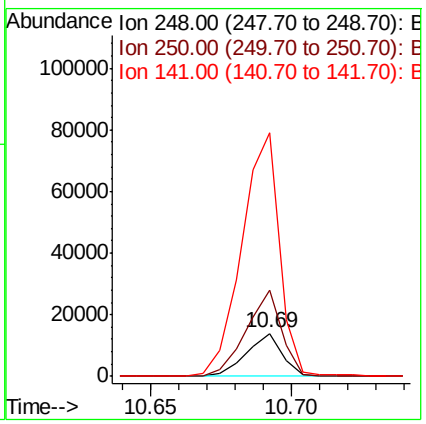


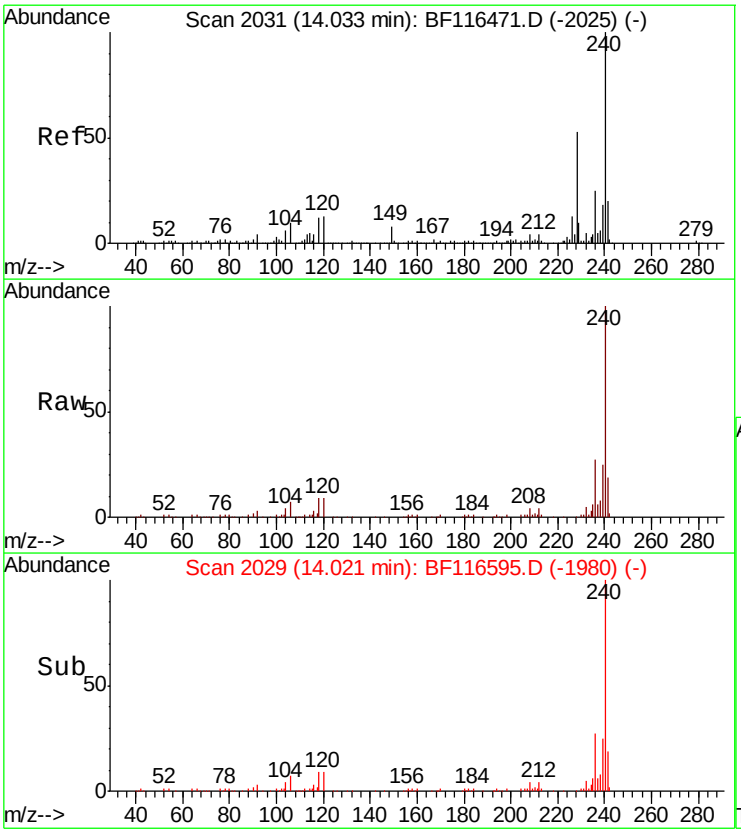
#67
4-Bromophenyl-phenylether
Concen: 5.236 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.25 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12237

Ion	Ratio	Lower	Upper
248	100		
250	200.5	77.0	115.6#
141	564.4	57.4	86.0#

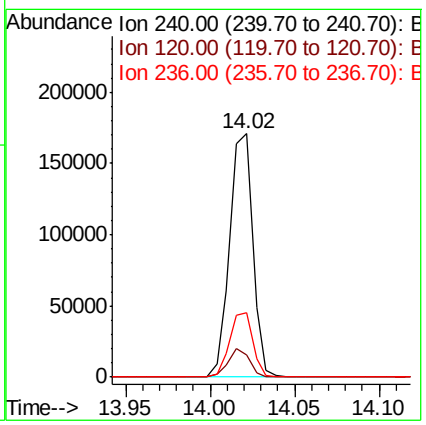


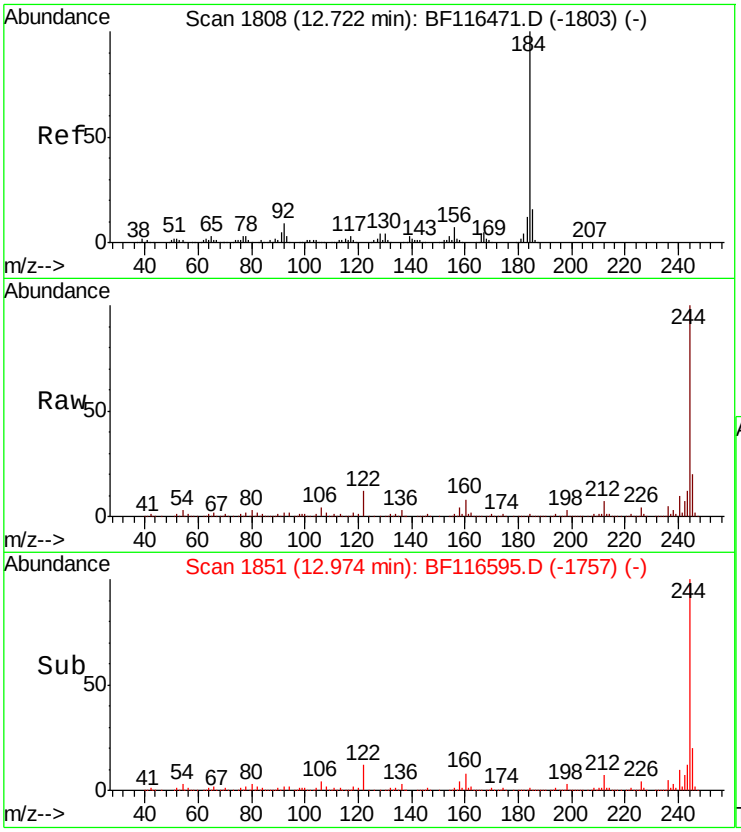


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:240 Resp: 162779

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.5	15.7#
236	26.5	20.2	30.2



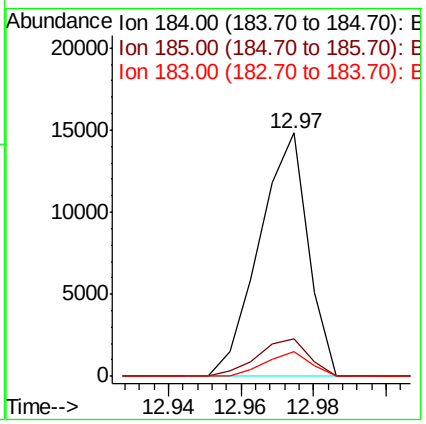


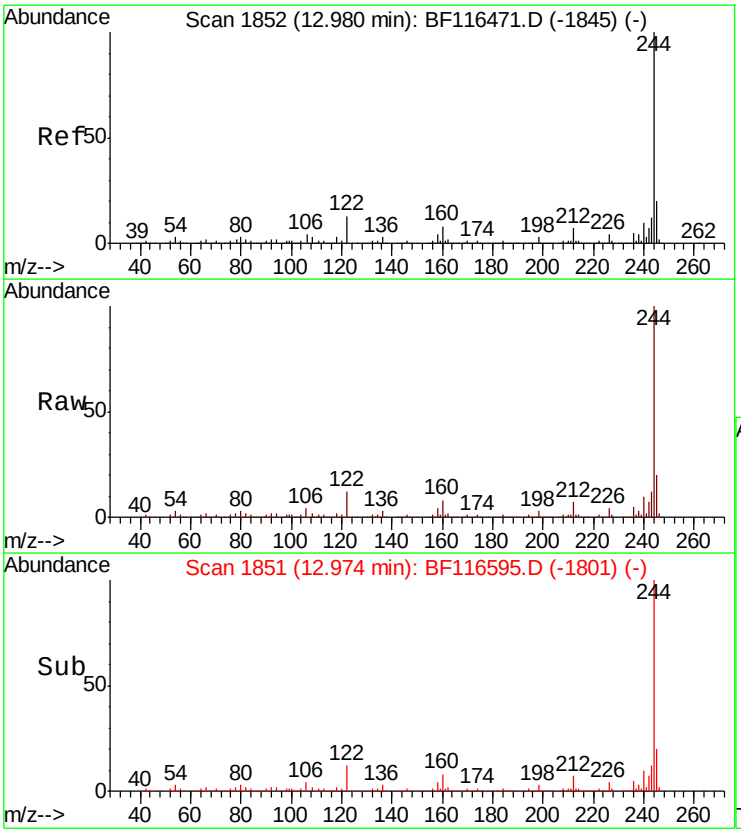
#77
Benzidine
Concen: 2.105 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.25 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 13787

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.0	19.4
183	10.2	9.8	14.6

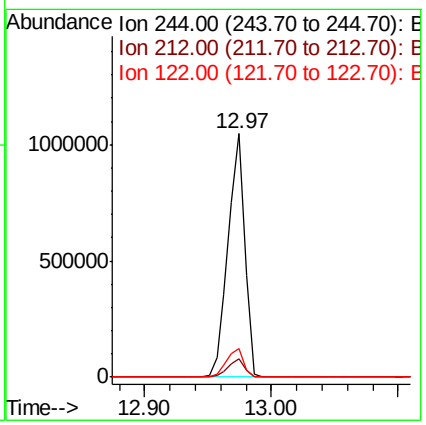


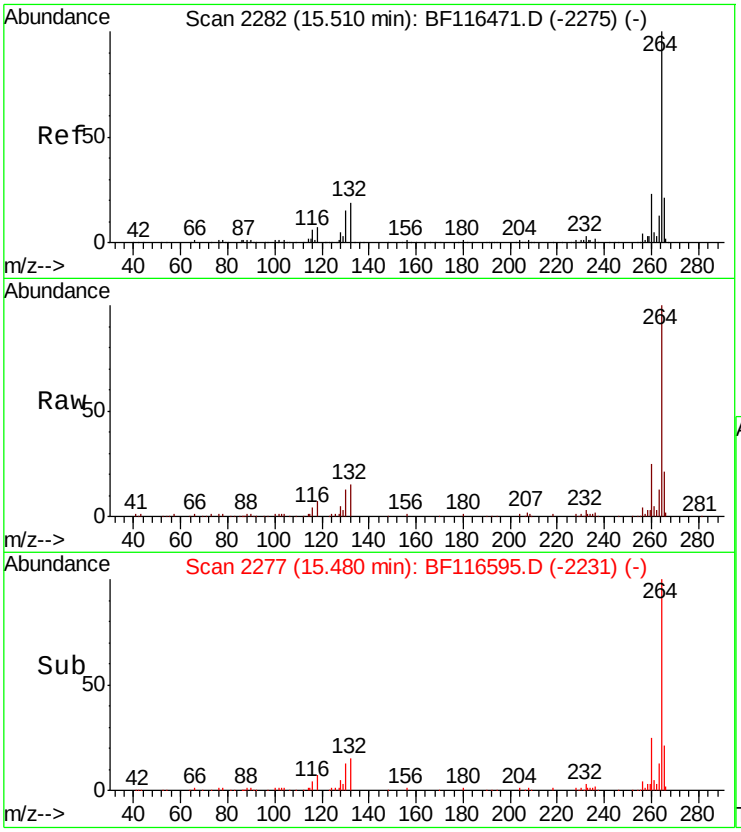


#79
Terphenyl-d14
Concen: 109.494 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Tgt Ion:244 Resp: 954193

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.9	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF116595.D
Acq: 27 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 153924

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	20.7	17.1	25.7