Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115750.D
Acq On : 24 Jul 2019 15:13
Operator : HP/JU
Sample : K3969-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 24 16:37:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	156419	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	569114	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	320031	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	527971	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	391764	20.00	ng	-0.02
87) Perylene-d12	15.50	264	427735	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	359278	37.57	ng	-0.01
7) Phenol-d6	6.50	99	271233	22.35	ng	-0.02
23) Nitrobenzene-d5	7.43	82	943647	96.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	287541	76.97	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1623444	88.79	ng	-0.02
79) Terphenyl-d14	12.98	244	1564781	73.70	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	16074	2.120	ng	# 74
19) n-Nitroso-di-n-propylamine	7.43	70	127658	16.131	ng	# 79
25) Isophorone	7.43	82	923911	47.174	ng	# 64
50) Dimethylphthalate	9.62	163	111687	4.639	ng	98
51) 2,6-Dinitrotoluene	9.90	165	43361	7.924	ng	# 29
57) 2,4-Dinitrotoluene	9.90	165	43361	6.117	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	17064	2.828	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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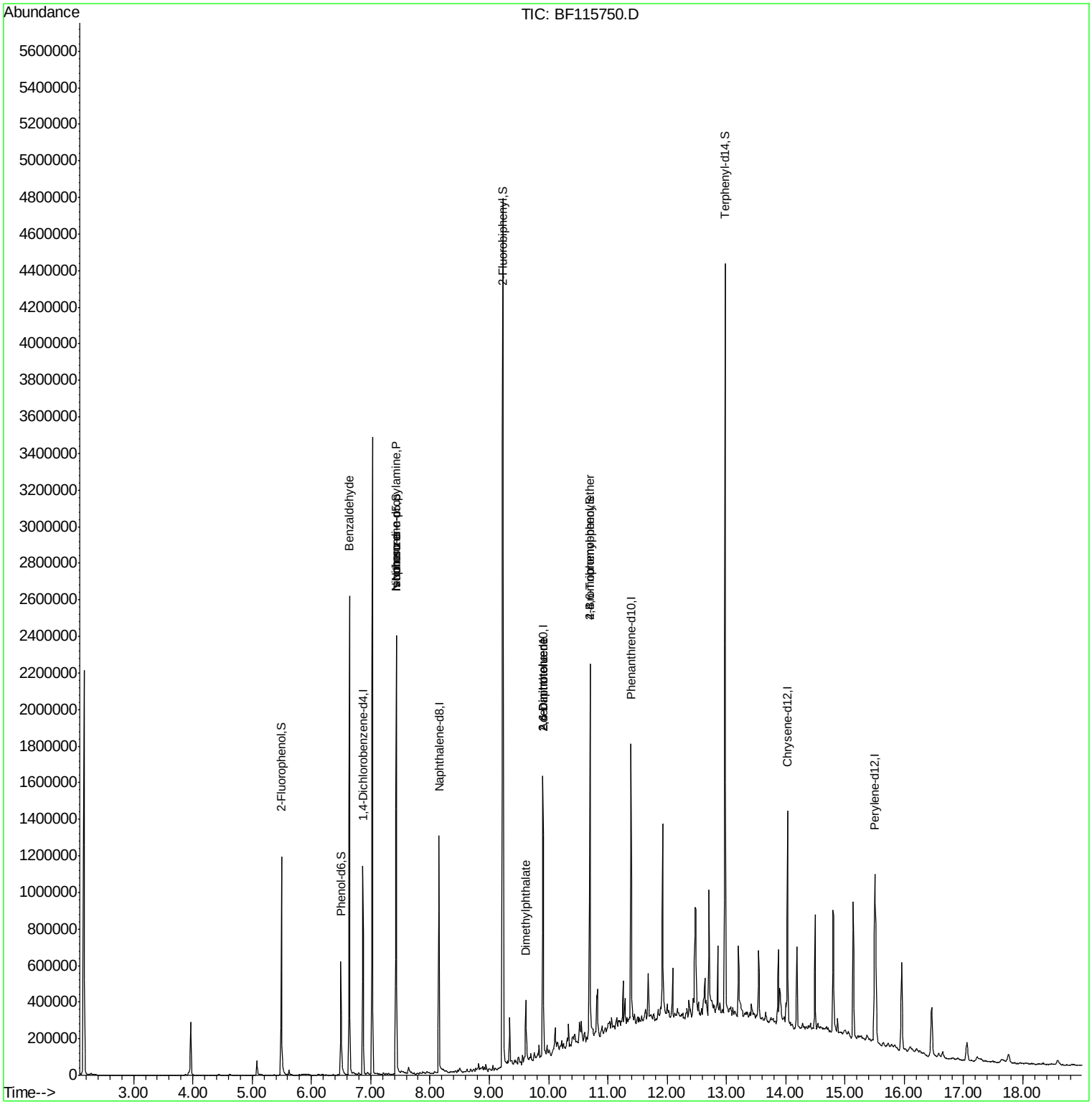
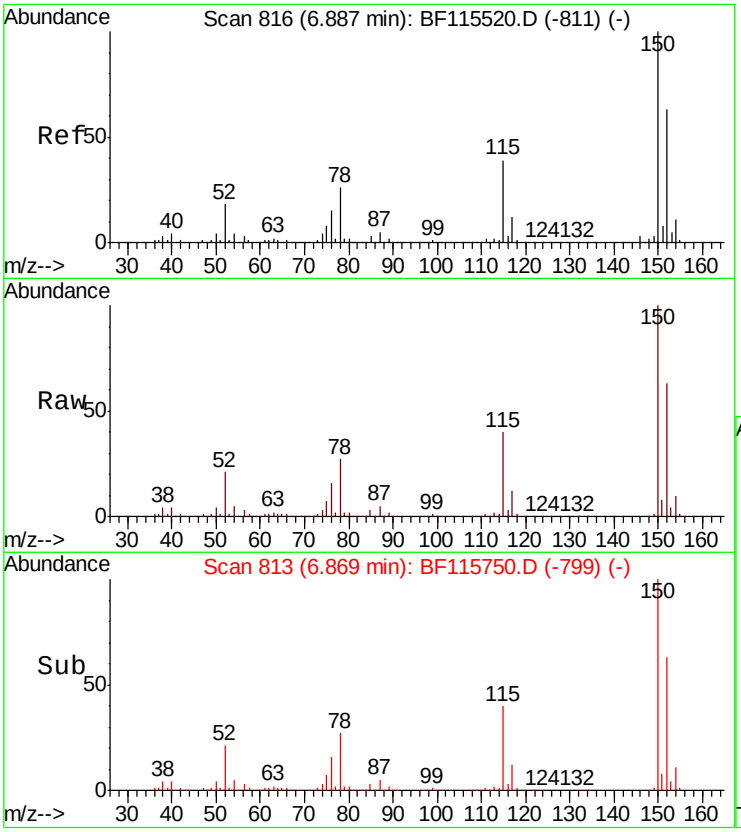
Response via : Initial Calibration



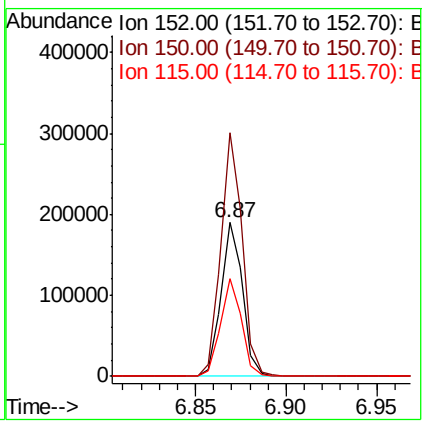


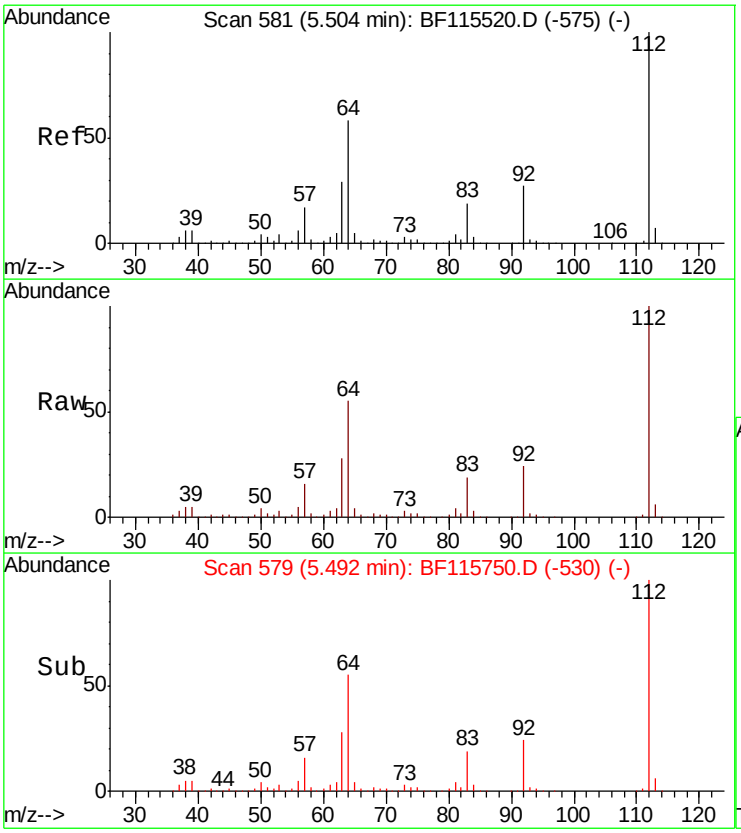
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156419

Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.7	194.5
115	63.4	48.2	72.4

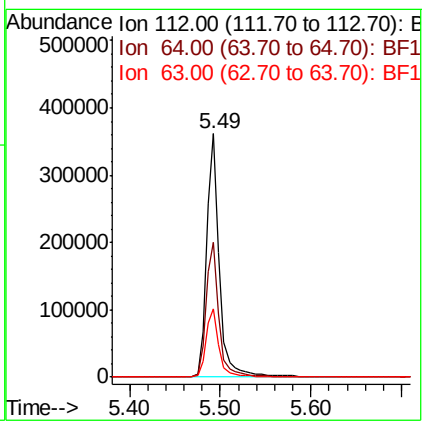


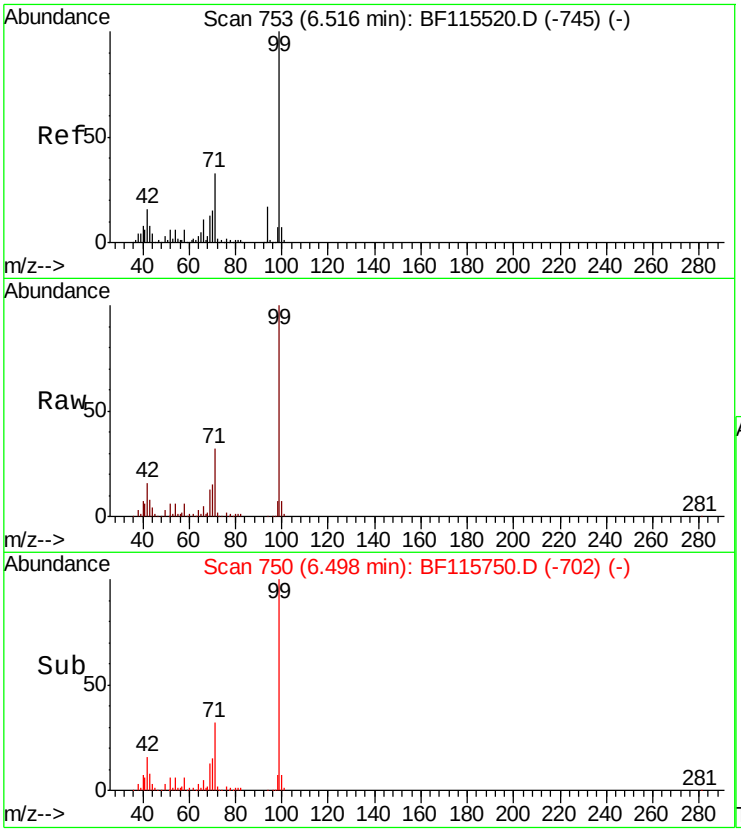


#5
2-Fluorophenol
Concen: 37.571 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:112 Resp: 359278

Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.8	70.2
63	28.2	24.1	36.1



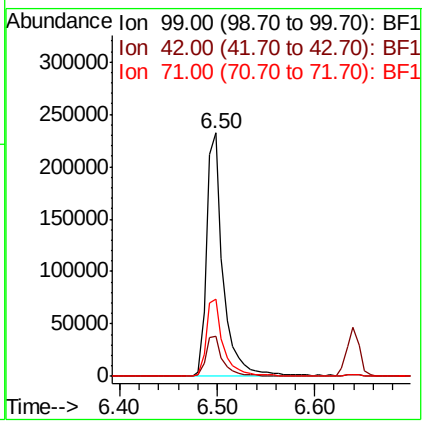


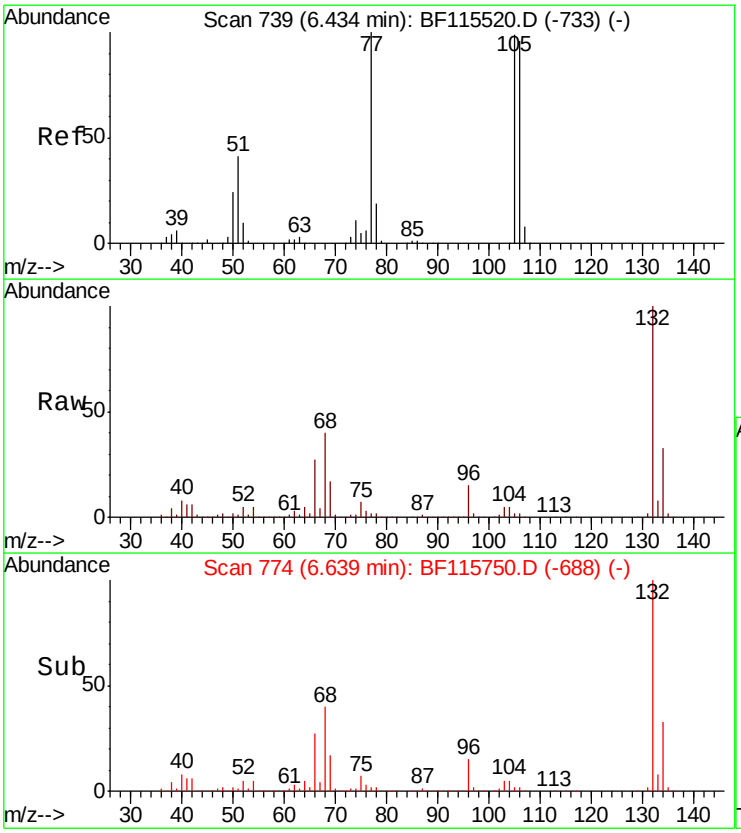
#7
Phenol-d6
Concen: 22.353 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 271233

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	31.6	28.5	42.7

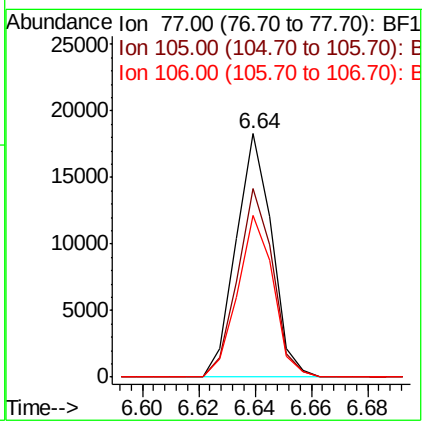


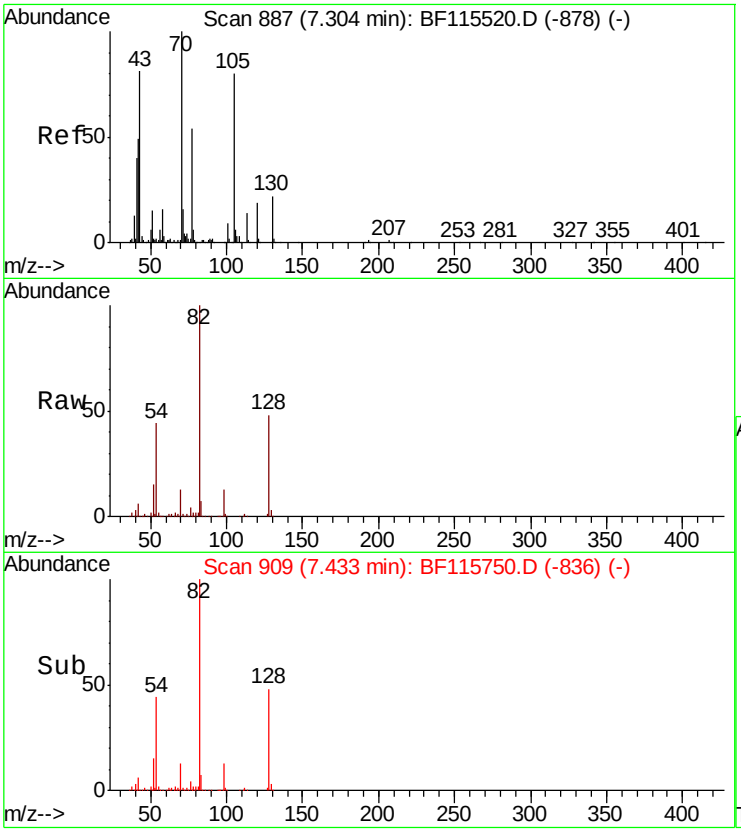


#9
Benzaldehyde
Concen: 2.120 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.21 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion: 77 Resp: 16074

Ion	Ratio	Lower	Upper
77	100		
105	77.2	78.8	118.8#
106	66.4	75.6	115.6#



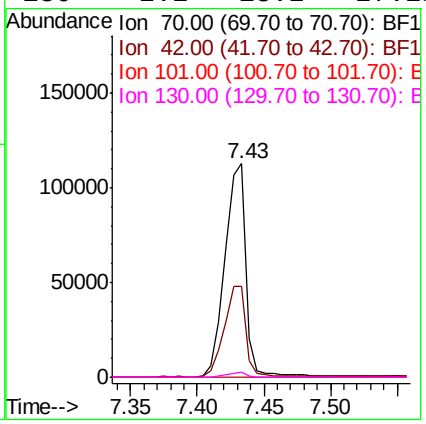


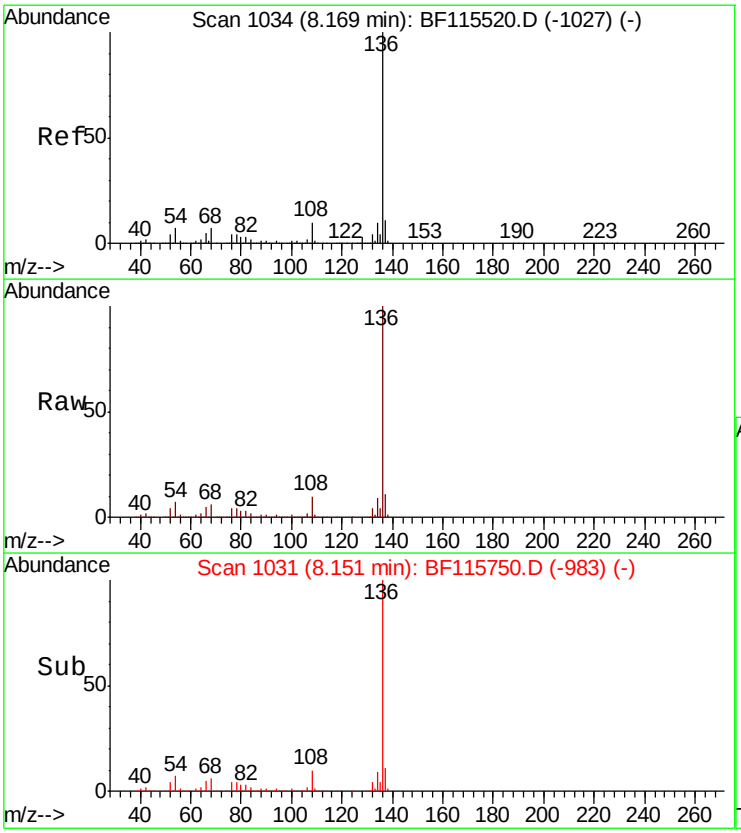
#19
n-Nitroso-di-n-propylamine
Concen: 16.131 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 127658

Ion	Ratio	Lower	Upper
70	100		
42	42.5	39.6	59.4
101	0.0	8.1	12.1#
130	2.2	18.2	27.2#

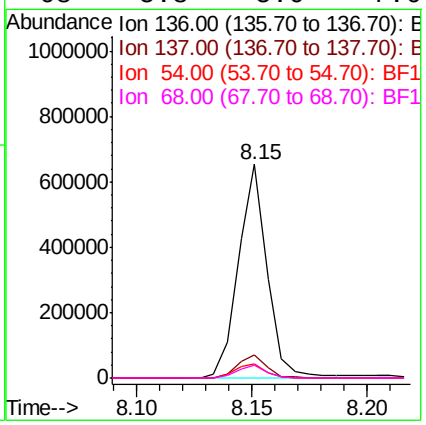


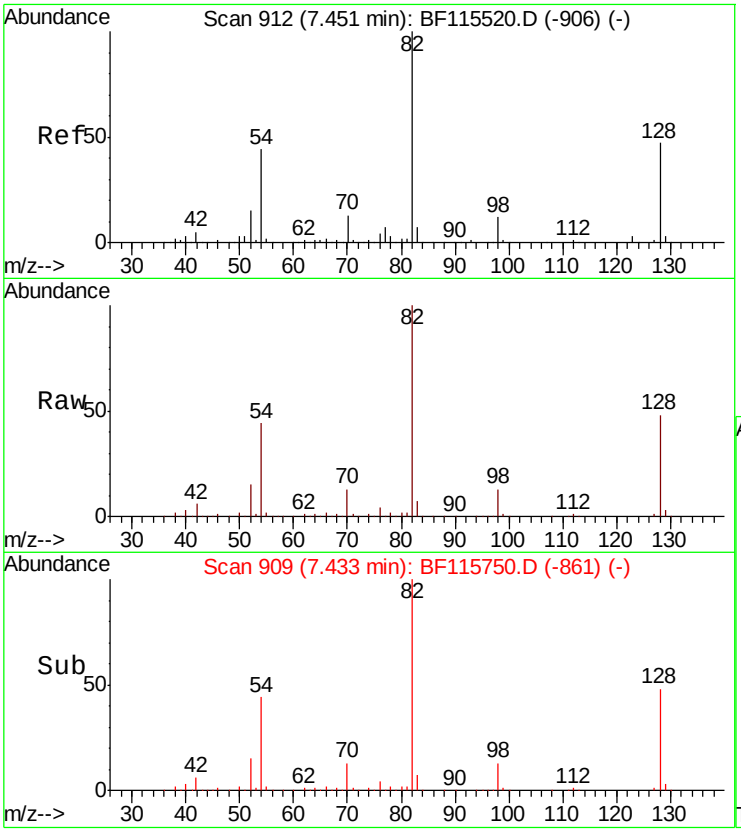


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:136 Resp: 569114

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.6	8.4
68	5.8	5.0	7.6



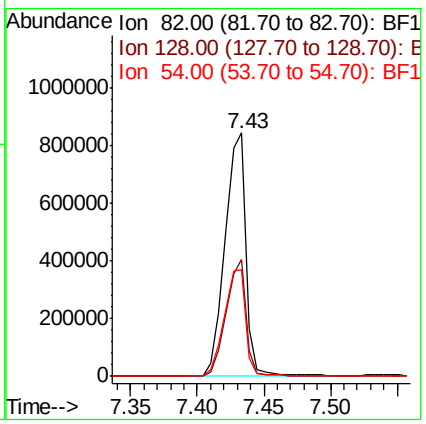


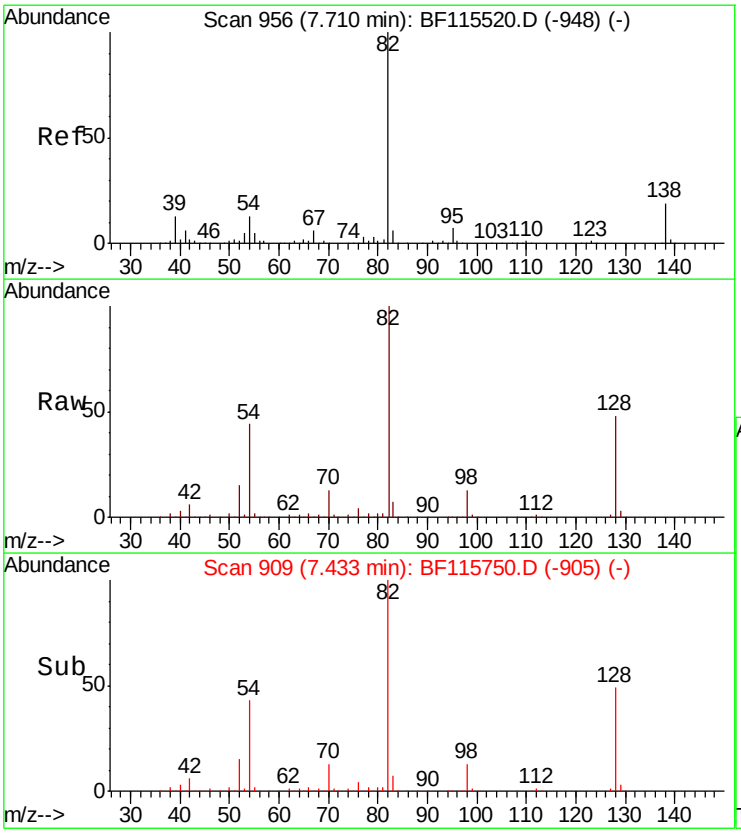
#23
Nitrobenzene-d5
Concen: 96.413 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 943647

Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.6	57.8
54	43.9	35.6	53.4

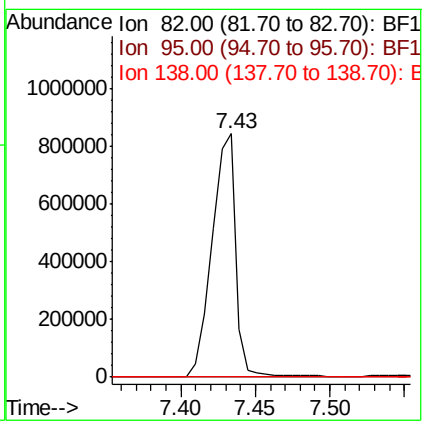


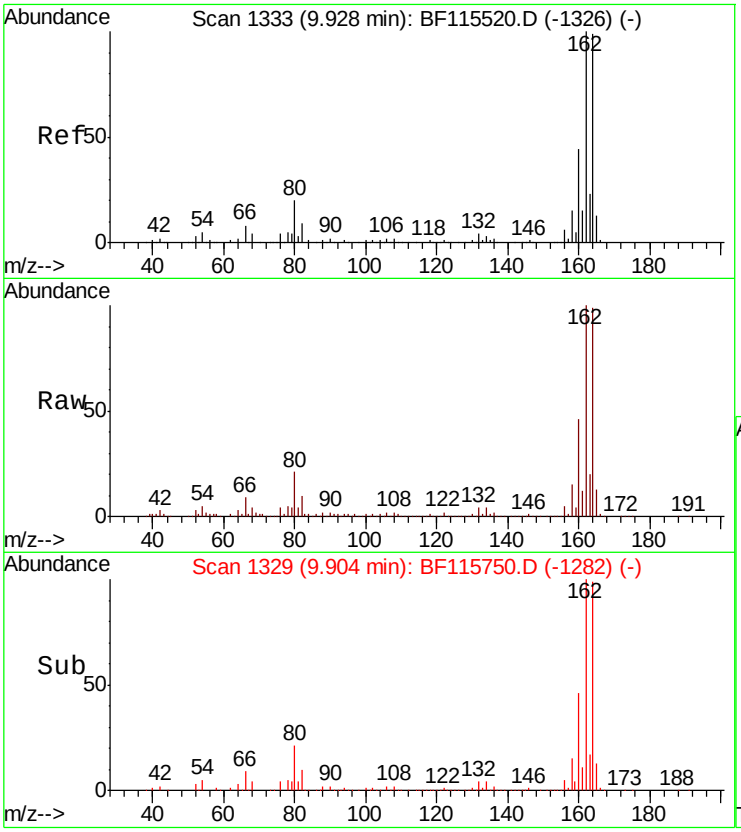


#25
Isophorone
Concen: 47.174 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion: 82 Resp: 923911

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#



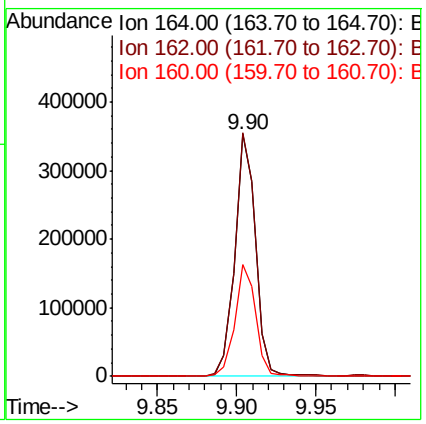


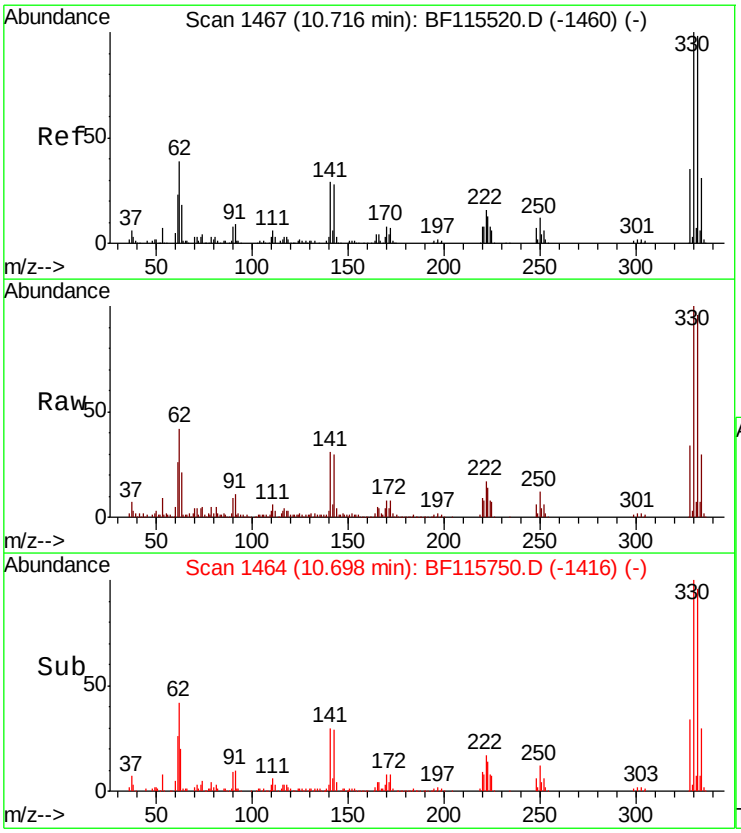
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 320031

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.9	124.3
160	46.4	36.8	55.2

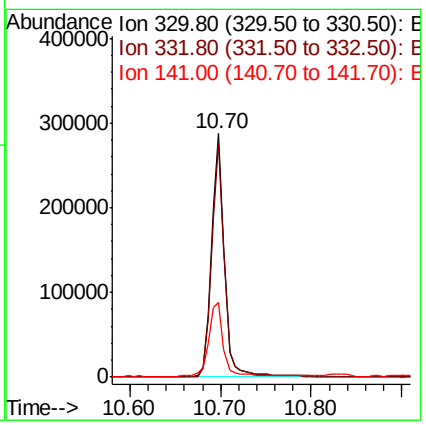


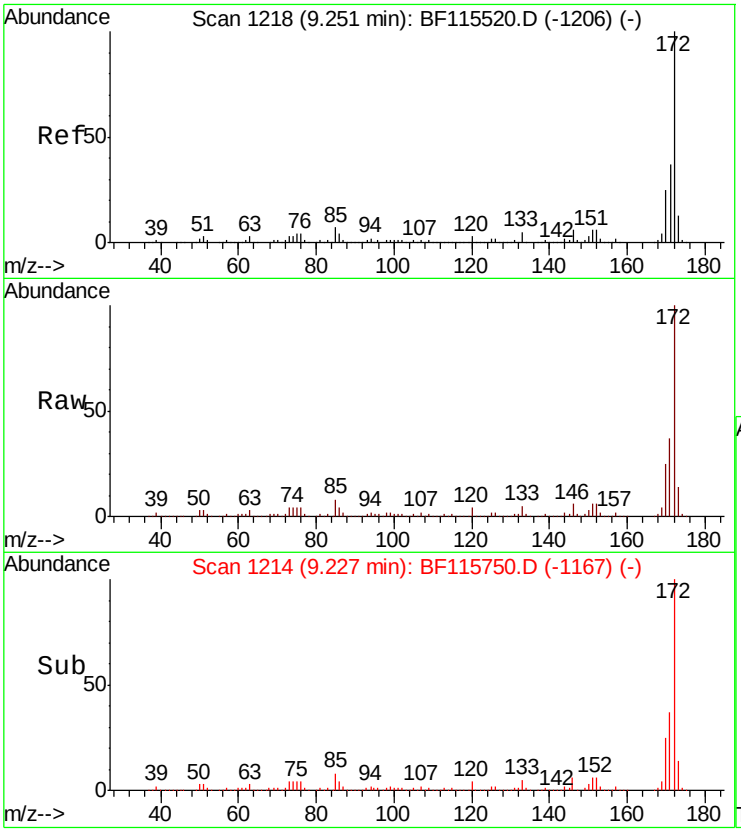


#42
2,4,6-Tribromophenol
Concen: 76.974 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:330 Resp: 287541

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	34.3	22.4	33.6#



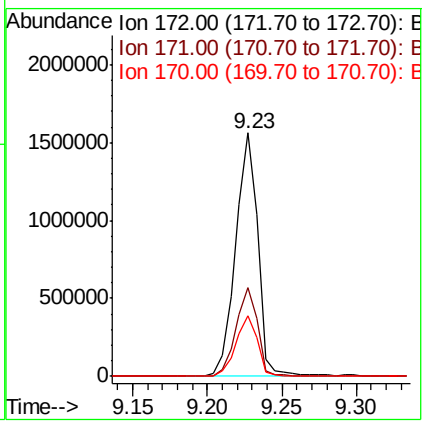


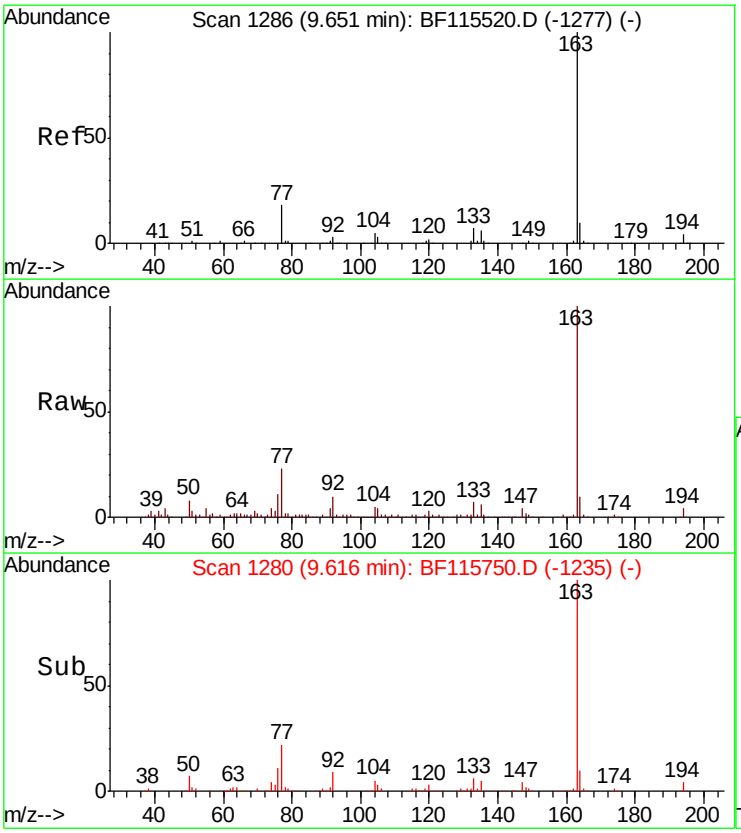
#45
2-Fluorobiphenyl
Concen: 88.788 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1623444

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	25.1	20.5	30.7

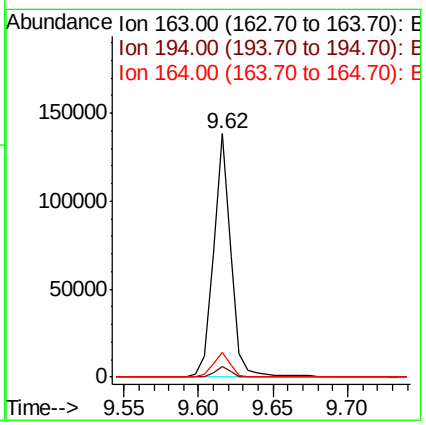


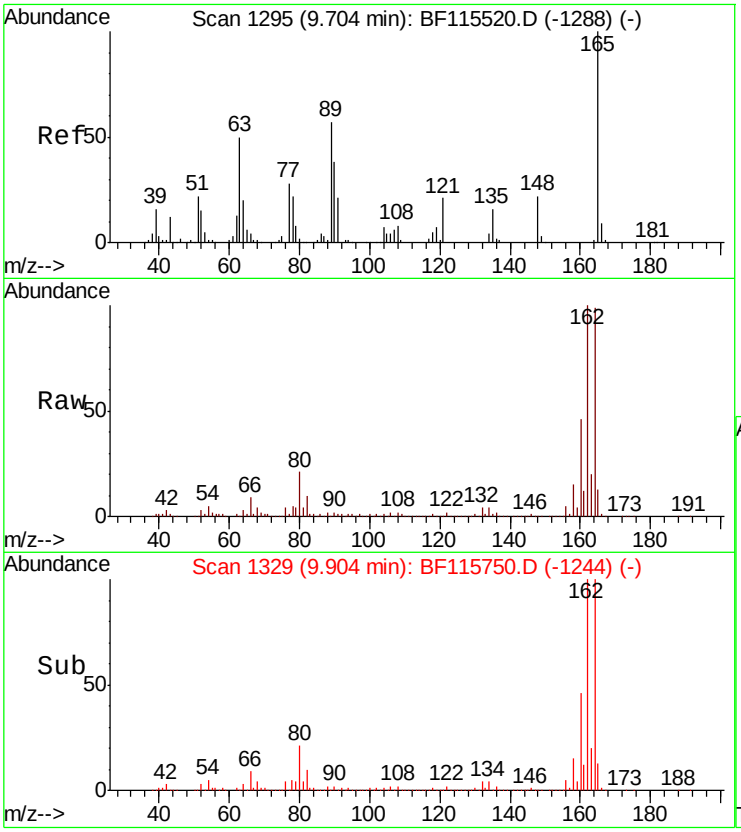


#50
Dimethylphthalate
Concen: 4.639 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:163 Resp: 111687

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.7	13.1



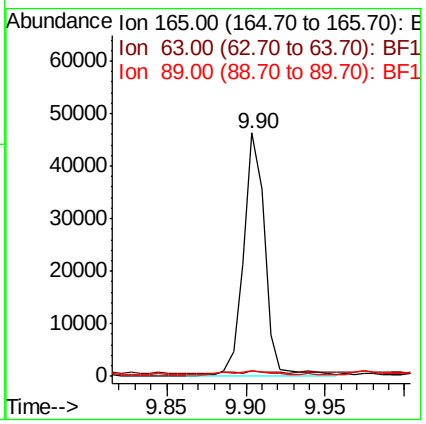


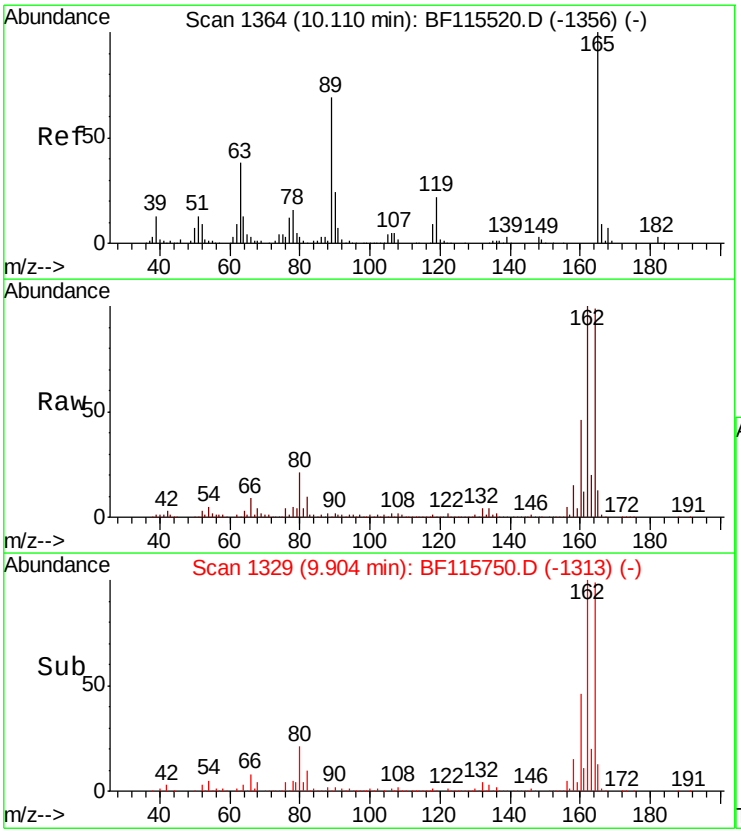
#51
2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 43361

Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.6	61.0#
89	2.2	43.9	65.9#

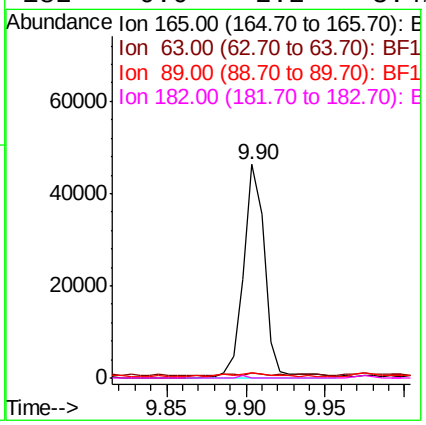


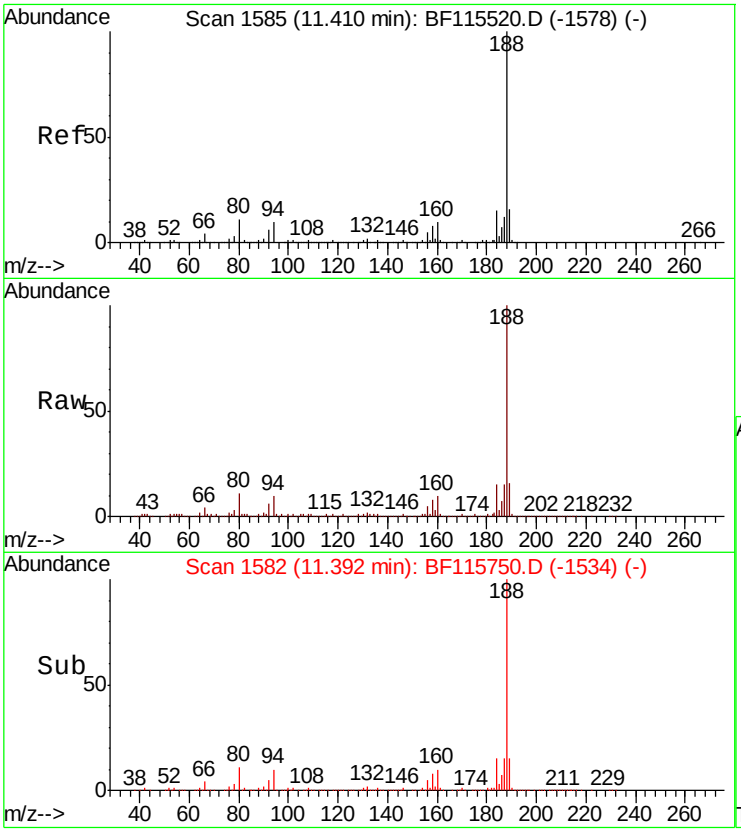


#57
2,4-Dinitrotoluene
Concen: 6.117 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:165 Resp: 43361

Ion	Ratio	Lower	Upper
165	100		
63	2.4	34.9	52.3#
89	2.2	57.5	86.3#
182	0.0	2.2	3.4#



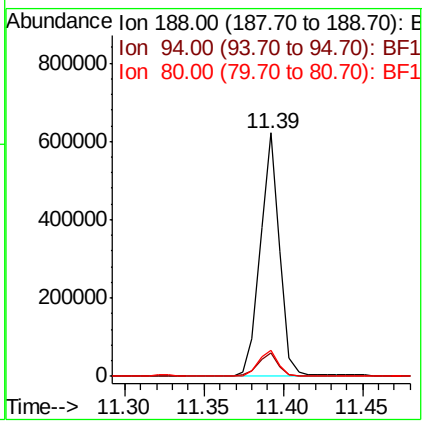


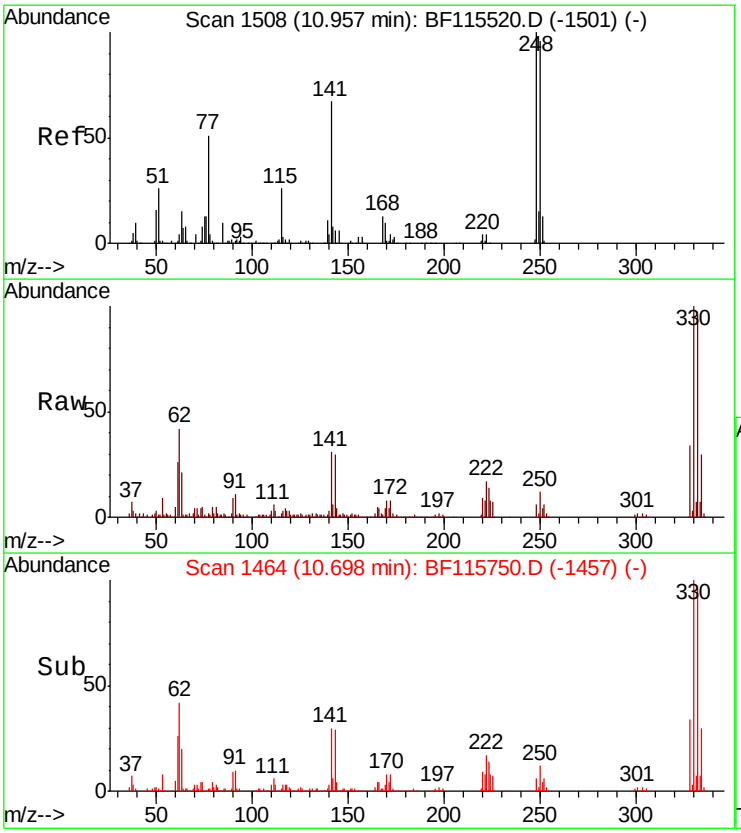
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 527971

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.9	8.6	13.0

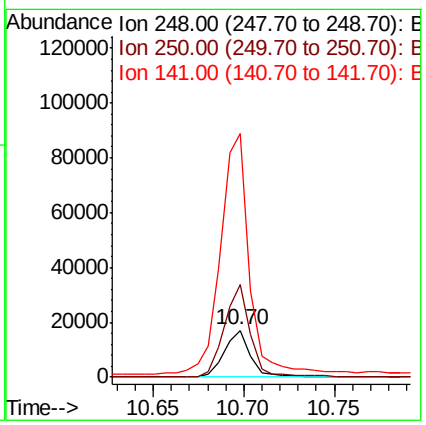


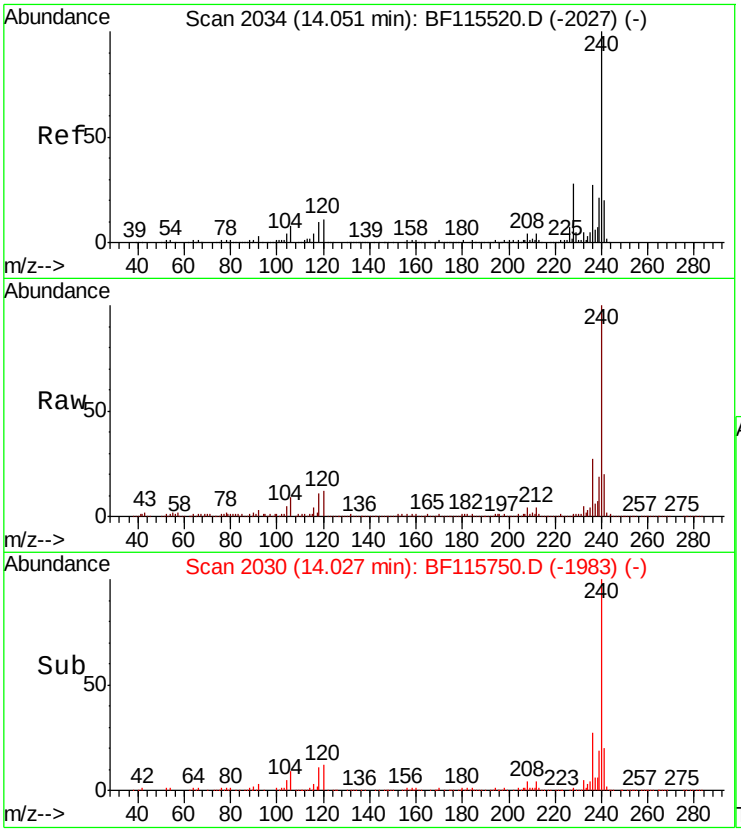


#67
4-Bromophenyl-phenylether
Concen: 2.828 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:248 Resp: 17064

Ion	Ratio	Lower	Upper
248	100		
250	198.5	78.0	117.0#
141	520.9	57.7	86.5#



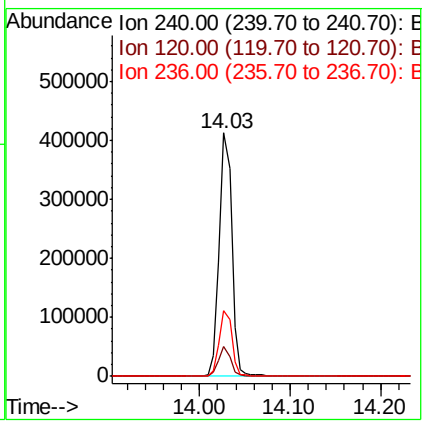


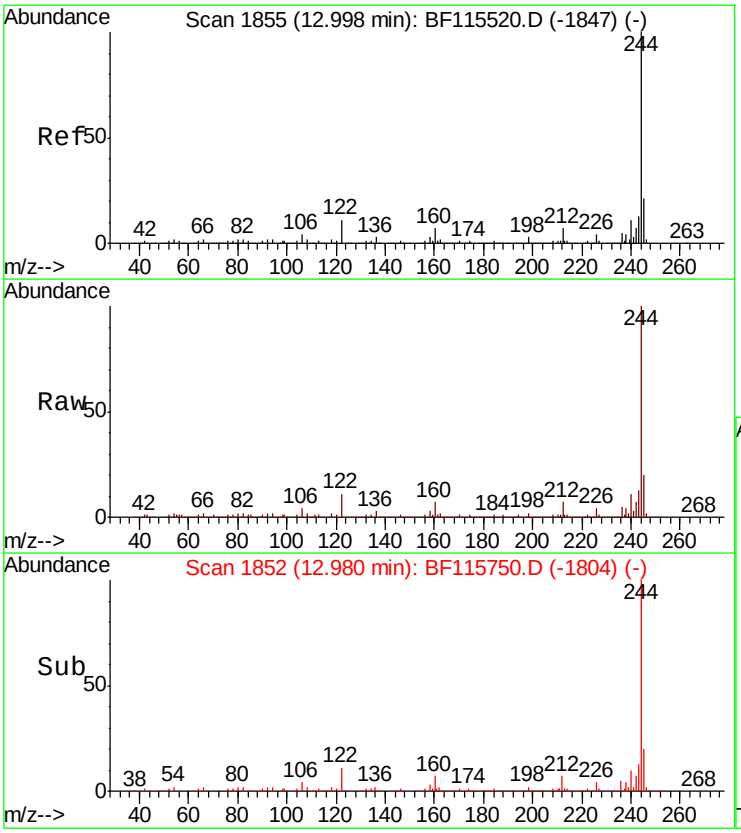
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 391764

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.6	13.0
236	27.2	21.3	31.9

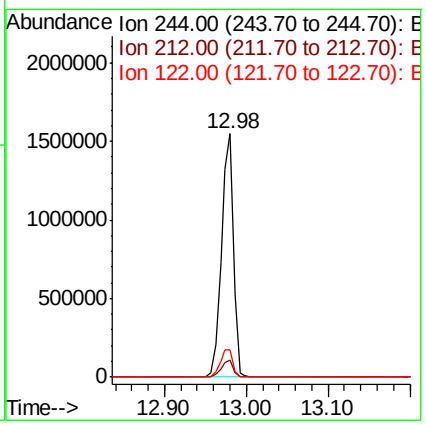


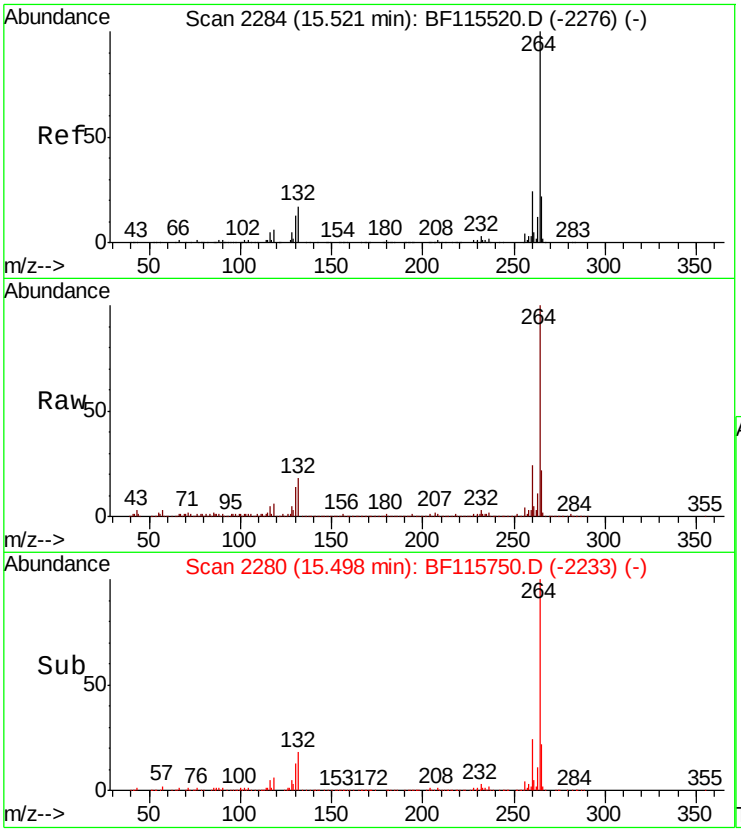


#79
Terphenyl-d14
Concen: 73.700 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Tgt Ion:244 Resp: 1564781

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	11.2	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115750.D
Acq: 24 Jul 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 427735

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	22.2	17.7	26.5