Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115757.D
Acq On : 25 Jul 2019 13:31
Operator : HP/JU
Sample : K3614-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-072419

Quant Time: Jul 26 05:45:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	152224	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	599782	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301960	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	479164	20.00	ng	0.00
76) Chrysene-d12	14.03	240	380113	20.00	ng	0.00
87) Perylene-d12	15.51	264	431564	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	374826	40.28	ng	0.00
7) Phenol-d6	6.49	99	494067	41.84	ng	-0.01
23) Nitrobenzene-d5	7.43	82	299433	29.03	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	115818	32.86	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	568632	32.96	ng	-0.01
79) Terphenyl-d14	12.97	244	482085	23.40	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	38188	4.959	ng	# 79
25) Isophorone	7.43	82	299475	14.509	ng	# 65
50) Dimethylphthalate	9.62	163	119445	5.258	ng	100
57) 2,4-Dinitrotoluene	9.90	165	40905	6.115	ng	# 25

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
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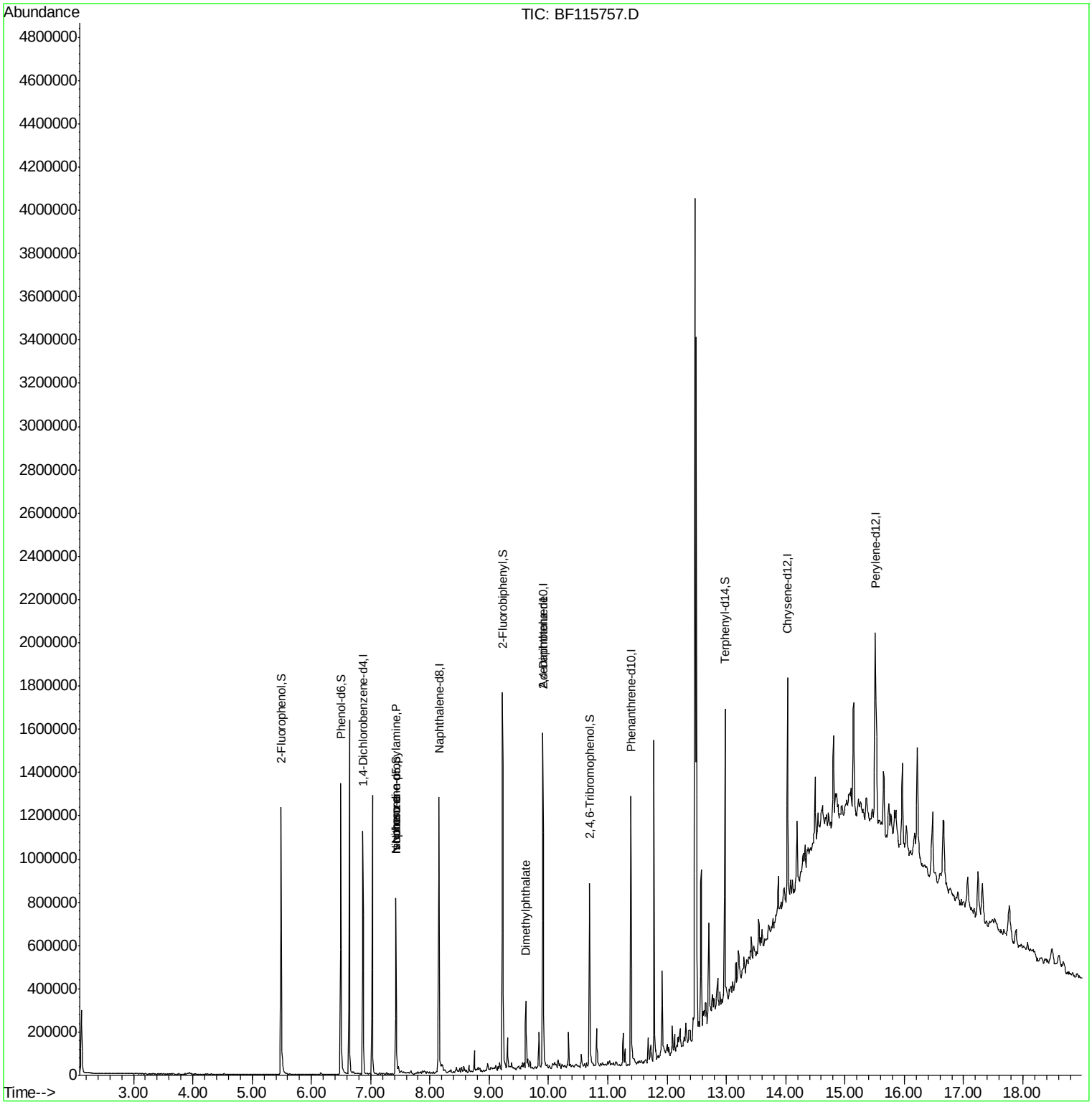
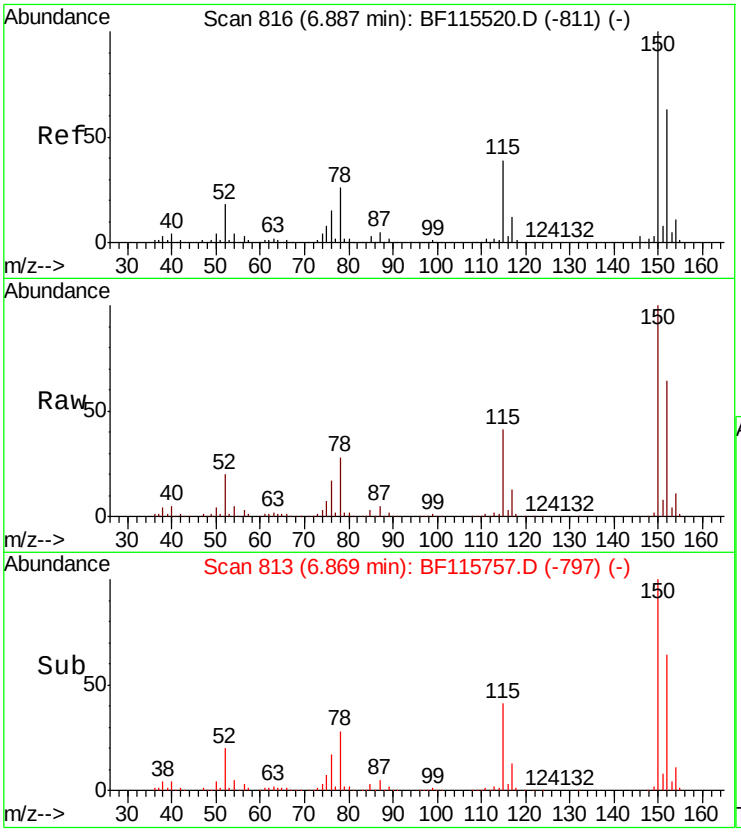


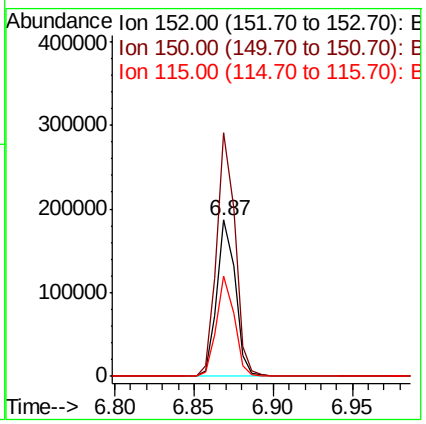


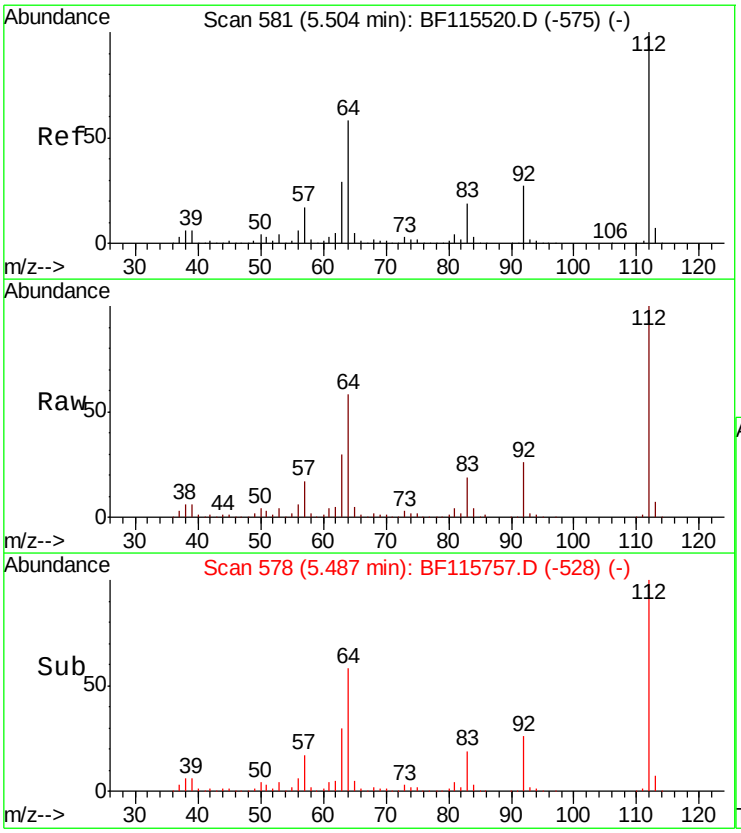
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

Tgt Ion:152 Resp: 152224

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.6	189.8
115	63.9	47.8	71.6

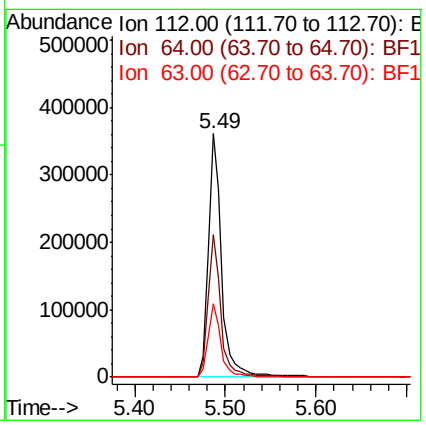


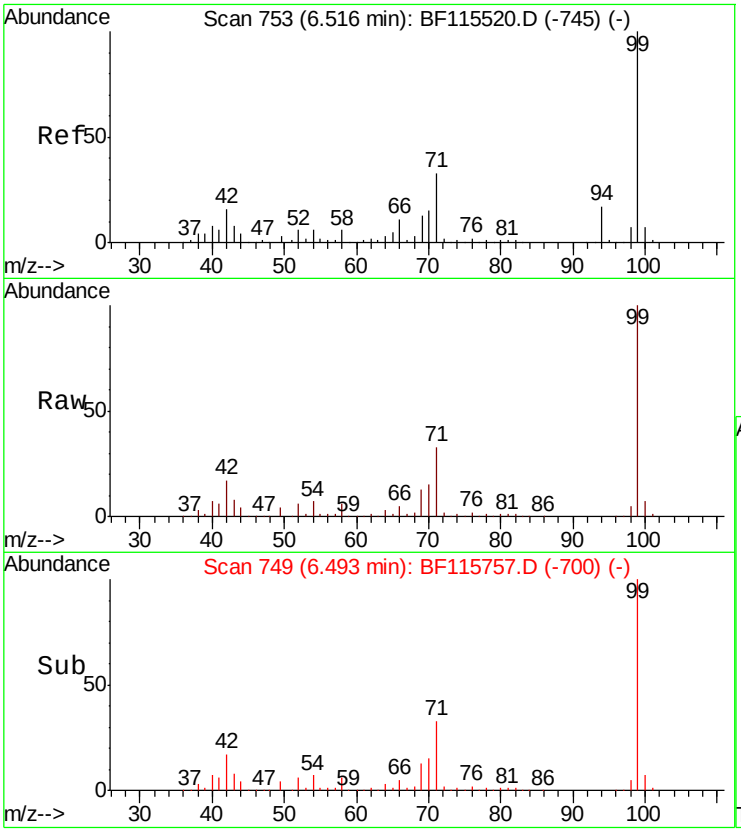


#5
2-Fluorophenol
Concen: 40.277 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion:112 Resp: 374826

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.8	68.8
63	30.0	23.6	35.4



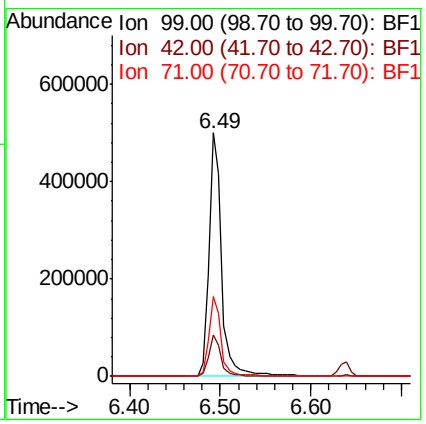


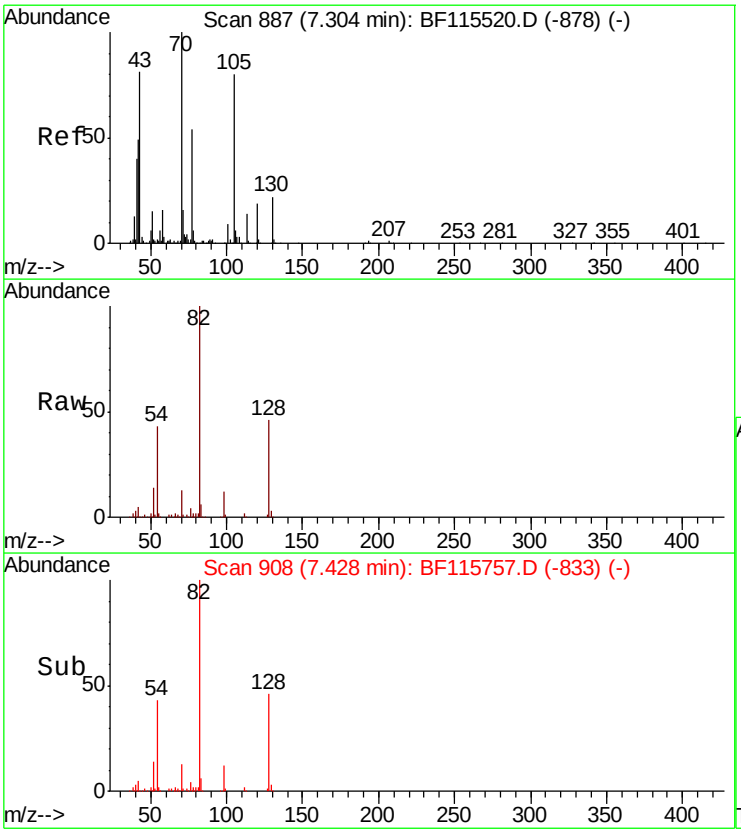
#7
Phenol-d6
Concen: 41.840 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

Tgt Ion: 99 Resp: 494067

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.4	20.2
71	32.7	26.7	40.1

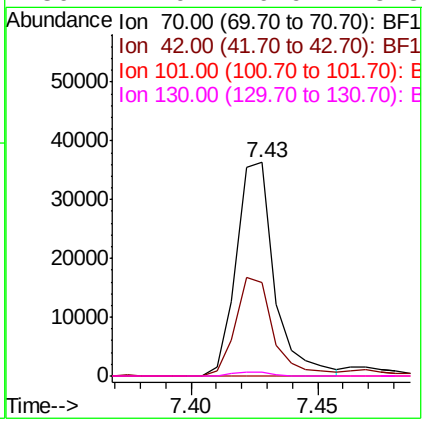


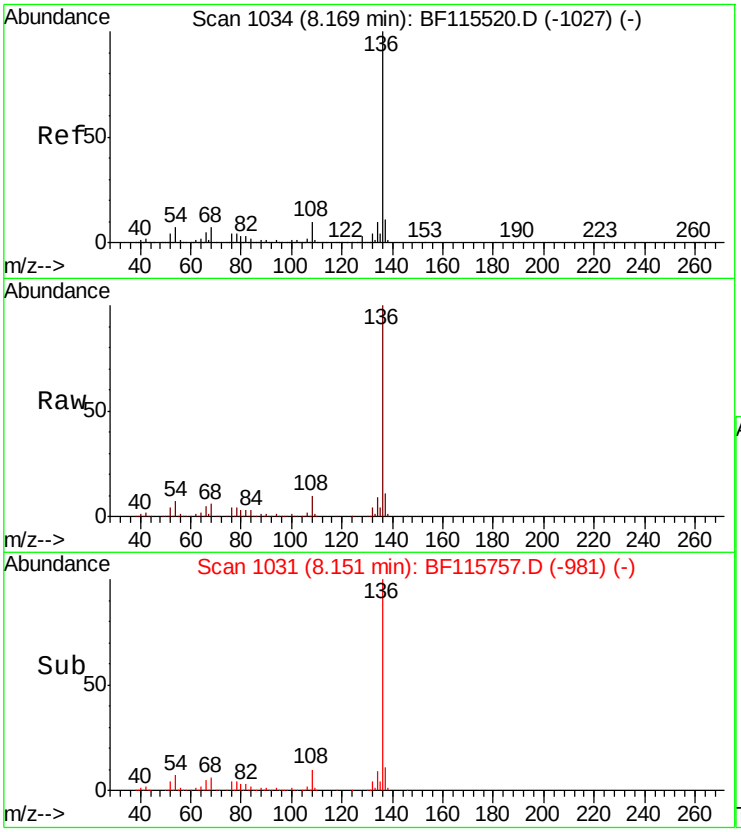


#19
n-Nitroso-di-n-propylamine
Concen: 4.959 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion: 70 Resp: 38188

Ion	Ratio	Lower	Upper
70	100		
42	43.9	41.8	62.8
101	0.0	7.6	11.4#
130	2.0	16.9	25.3#



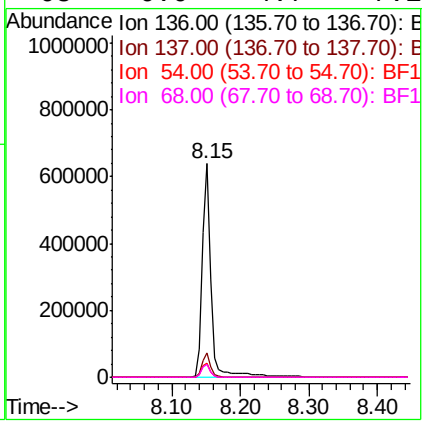


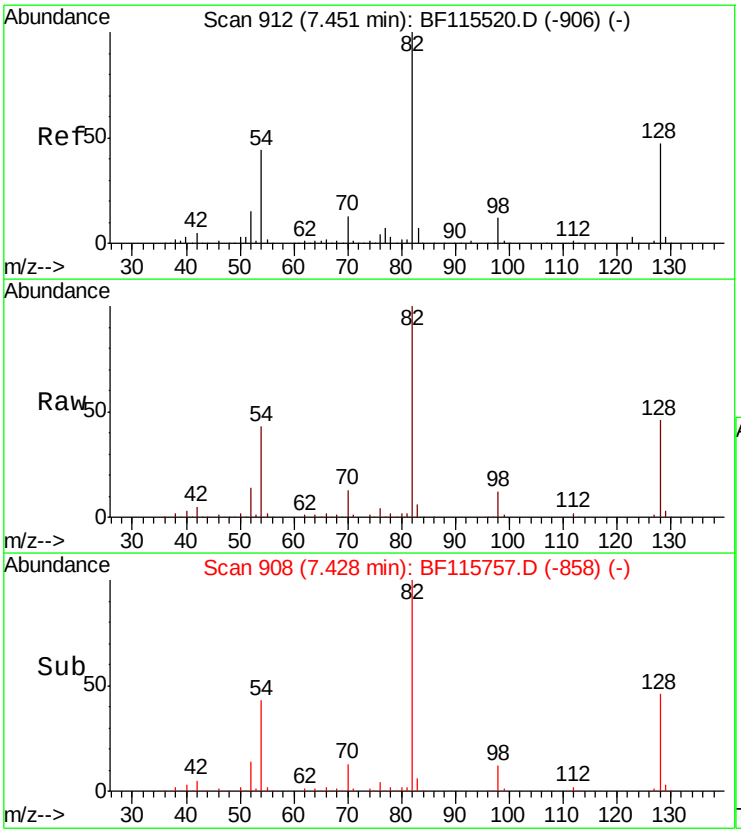
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument : BNA_F
ClientSampleId : BU-03-072419

Tgt Ion:136 Resp: 599782

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	5.0	7.6
68	6.0	4.7	7.1

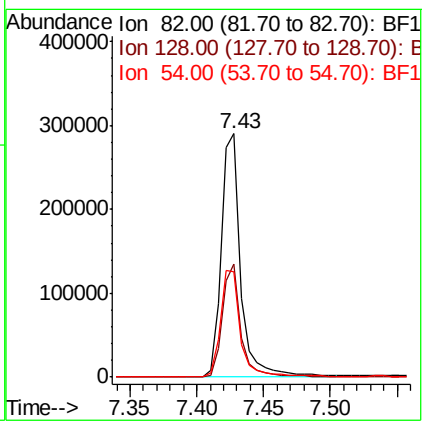


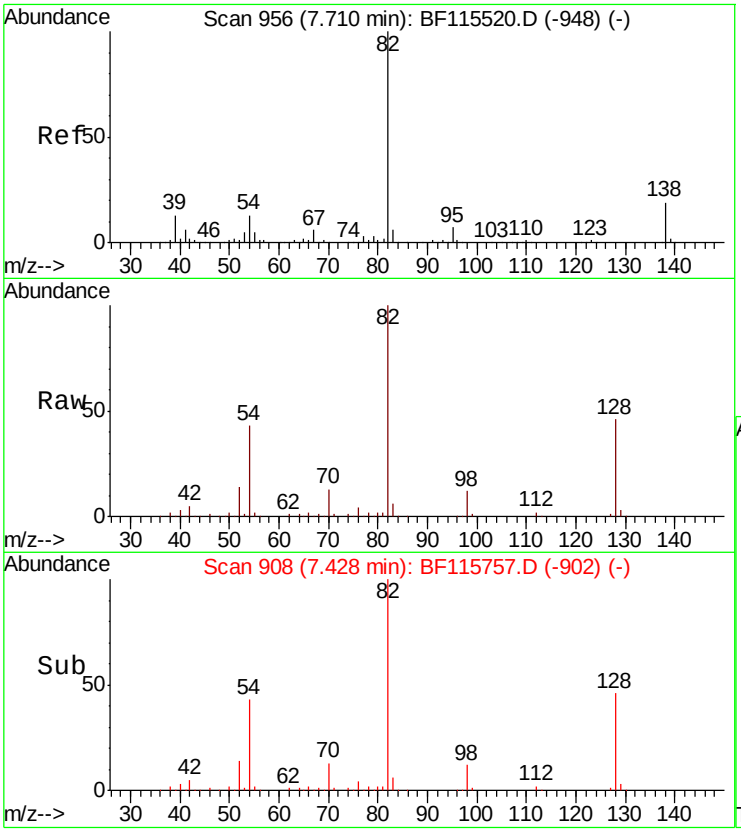


#23
Nitrobenzene-d5
Concen: 29.029 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion: 82 Resp: 299433

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.6	55.0
54	43.3	36.6	54.8



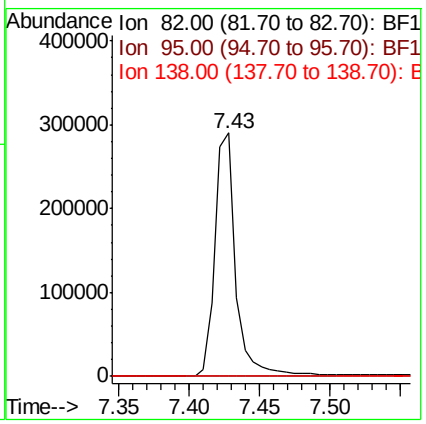


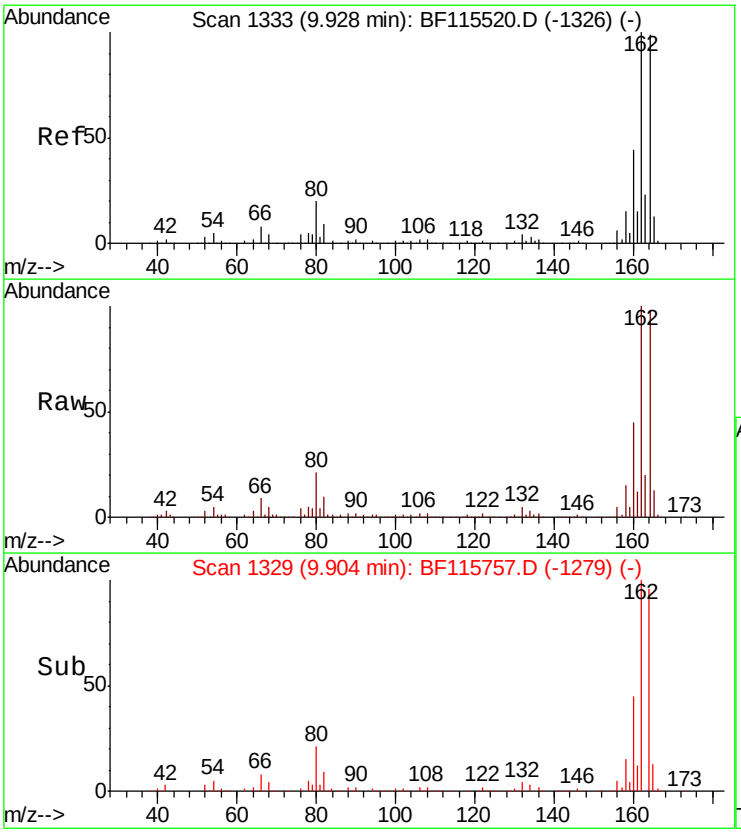
#25
Isophorone
Concen: 14.509 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

Tgt Ion: 82 Resp: 299475

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.2	21.4#

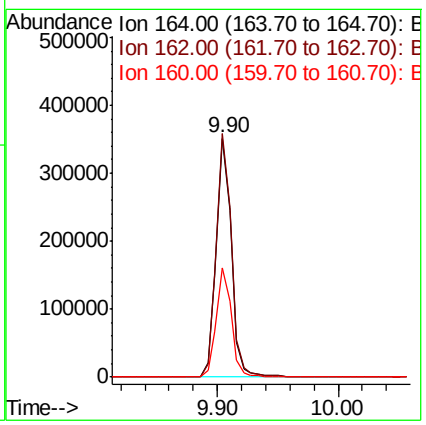


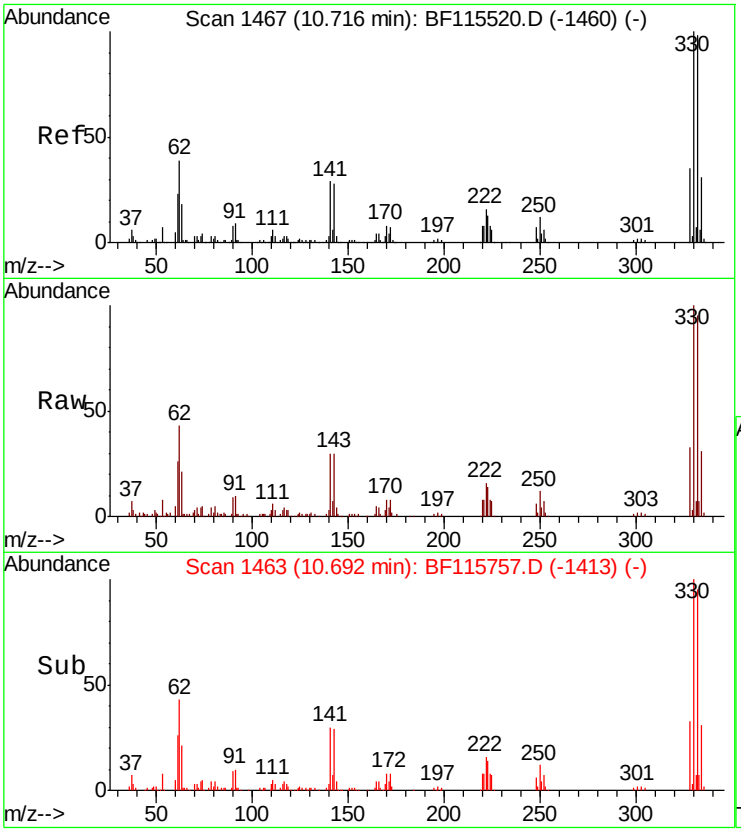


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion:164 Resp: 301960

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.8	122.6
160	45.9	37.5	56.3



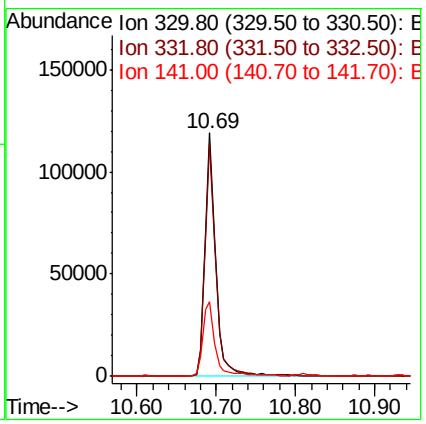


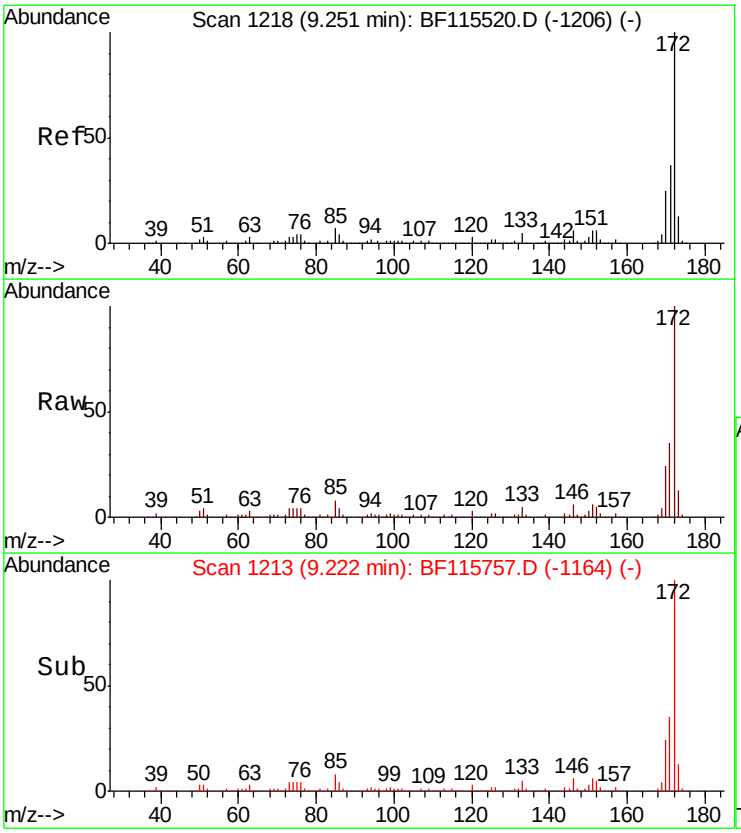
#42
2,4,6-Tribromophenol
Concen: 32.860 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

Tgt Ion:330 Resp: 115818

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.1	114.1
141	35.7	25.9	38.9

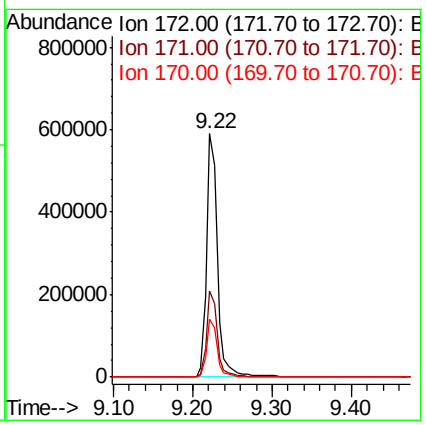


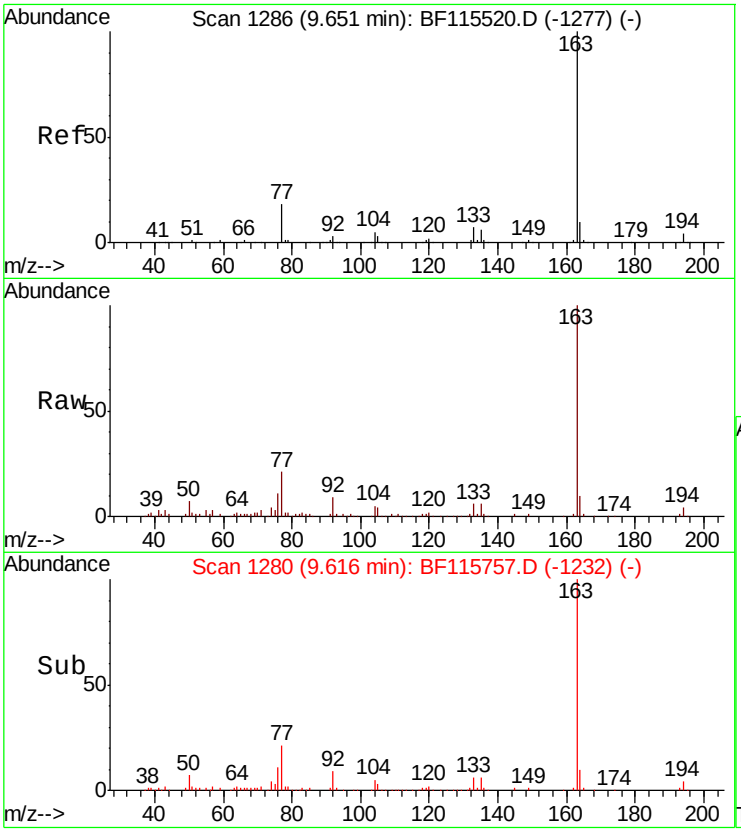


#45
2-Fluorobiphenyl
Concen: 32.960 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion:172 Resp: 568632

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.8	20.1	30.1



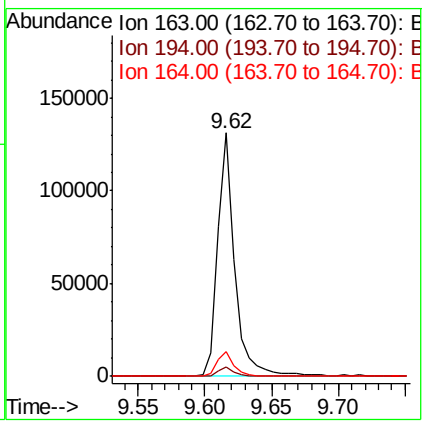


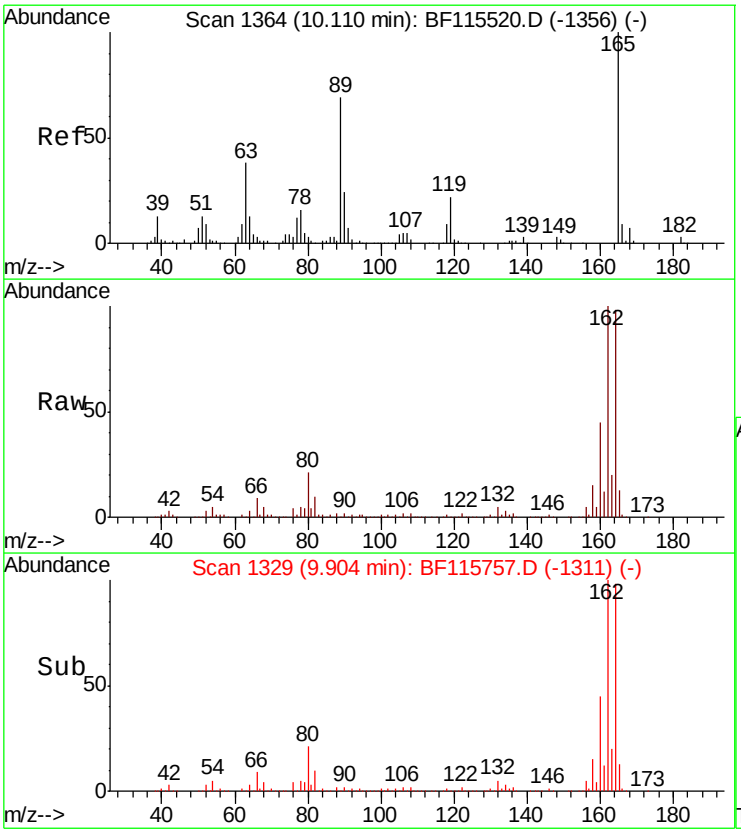
#50
Dimethylphthalate
Concen: 5.258 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

Tgt Ion:163 Resp: 119445

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.3	8.3	12.5

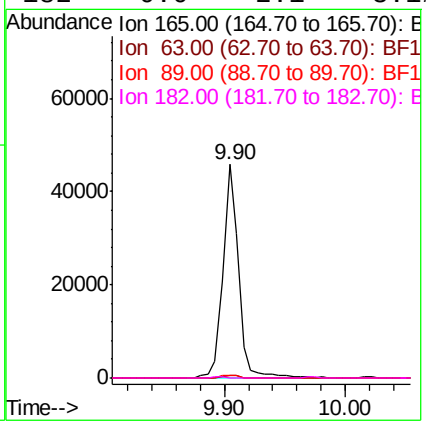


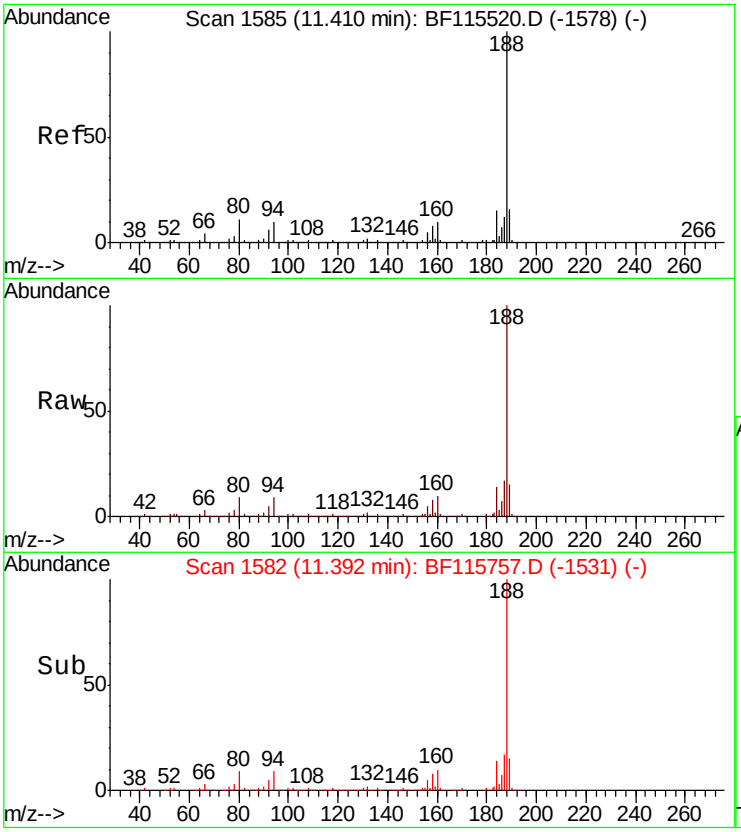


#57
2,4-Dinitrotoluene
Concen: 6.115 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion:165 Resp: 40905

Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.2#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#



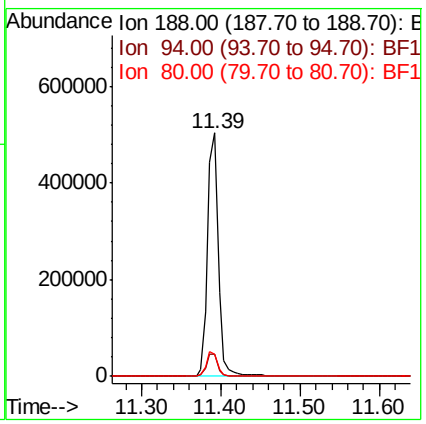


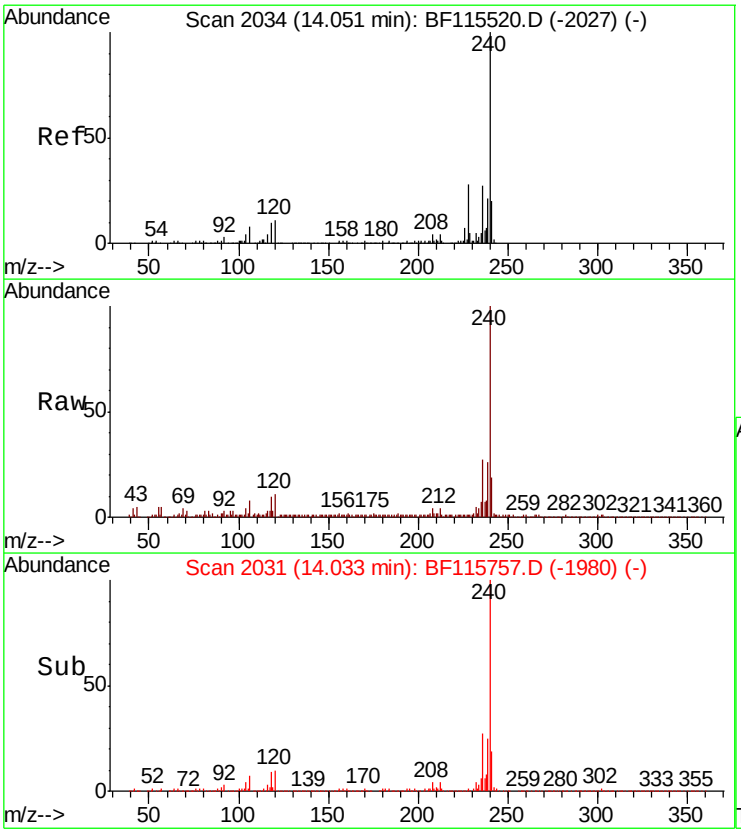
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

Tgt Ion:188 Resp: 479164

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.2	9.0	13.6

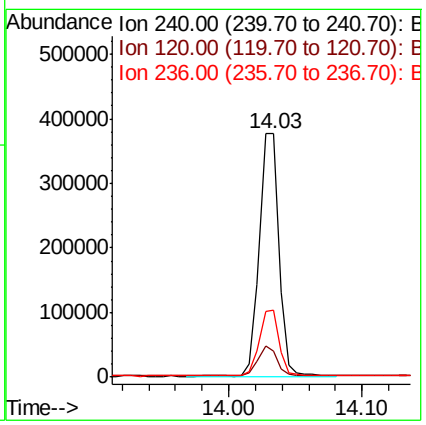


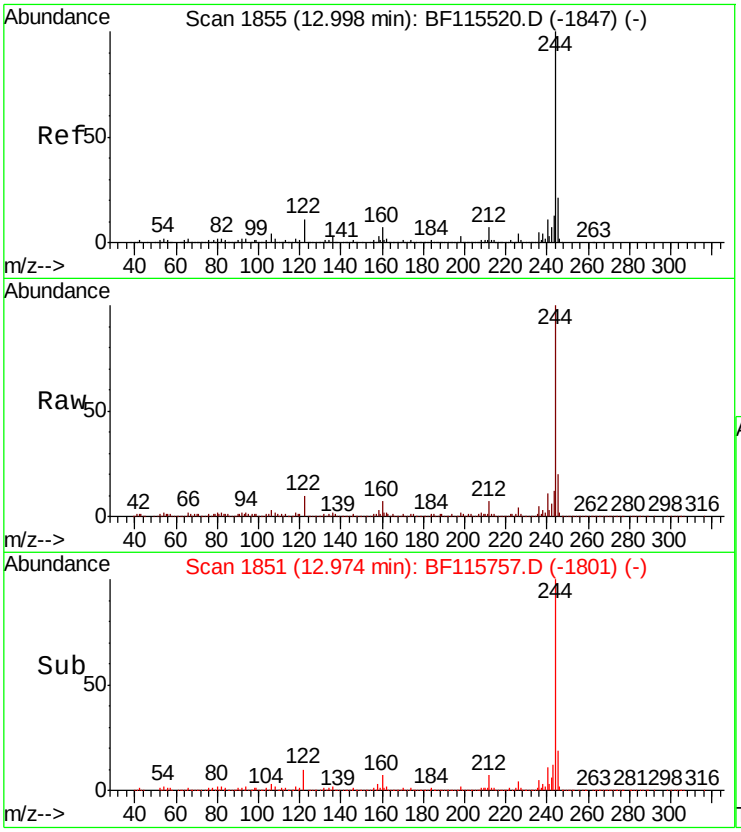


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion:240 Resp: 380113

Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.0	15.0
236	27.3	21.8	32.6



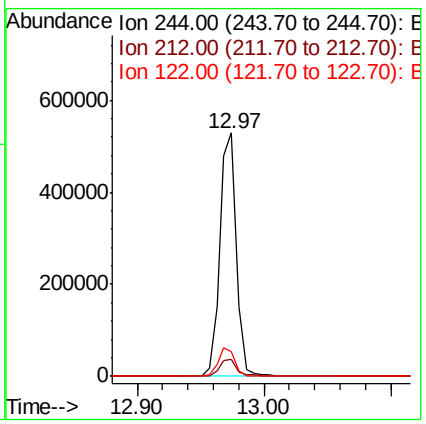


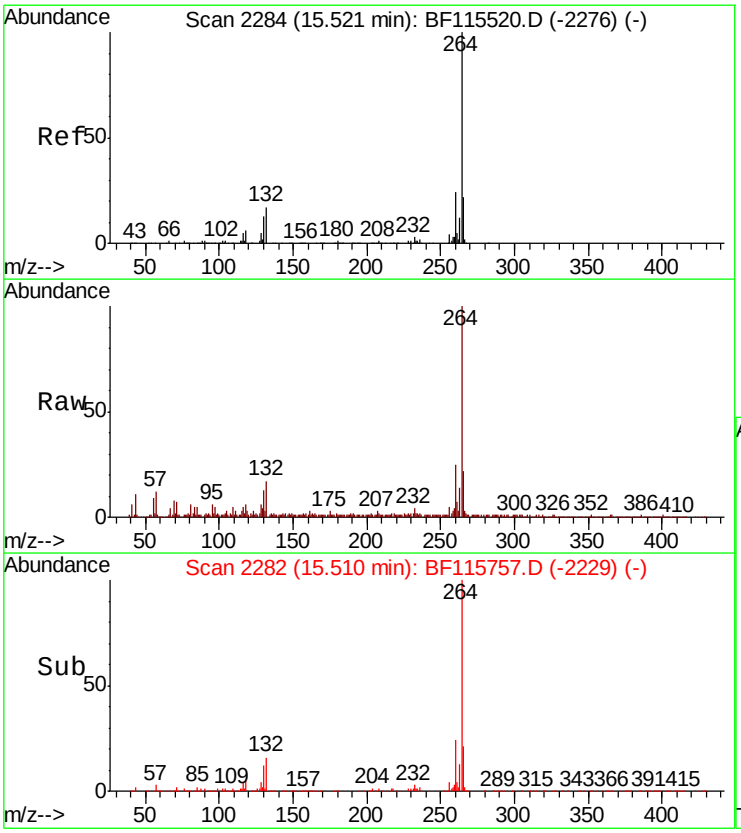
#79
Terphenyl-d14
Concen: 23.402 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Instrument :
BNA_F
ClientSampleId :
BU-03-072419

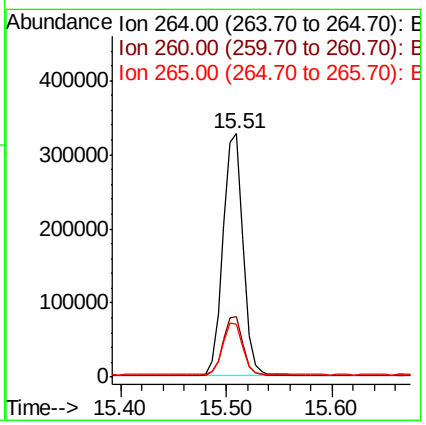
Tgt Ion:244 Resp: 482085

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.1	8.2	12.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF115757.D
Acq: 25 Jul 2019 13:31

Tgt Ion:264 Resp: 431564

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.8	17.5	26.3