Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

Quantitation Report (Not Reviewed)

Data File : BF111487.D
Acq On : 16 Dec 2018 1:11
Operator : JU/SJ
Sample : J6341-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121018-JETT-F-U-B

Quant Time: Dec 16 02:45:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148305	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	521650	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	189909	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	308907	20.00	ng	0.00
76) Chrysene-d12	13.95	240	306699	20.00	ng	0.00
87) Perylene-d12	15.39	264	210942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	355943	39.94	ng	0.00
7) Phenol-d6	6.43	99	269941	22.77	ng	-0.01
23) Nitrobenzene-d5	7.35	82	798069	91.10	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	128072	75.28	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1271871	103.45	ng	0.00
79) Terphenyl-d14	12.90	244	1066892	81.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	105132	13.442	ng	# 83
25) Isophorone	7.35	82	798061	53.842	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	24932	8.099	ng	# 30
57) 2,4-Dinitrotoluene	9.83	165	24933	6.171	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	8175	2.455	ng	# 1

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

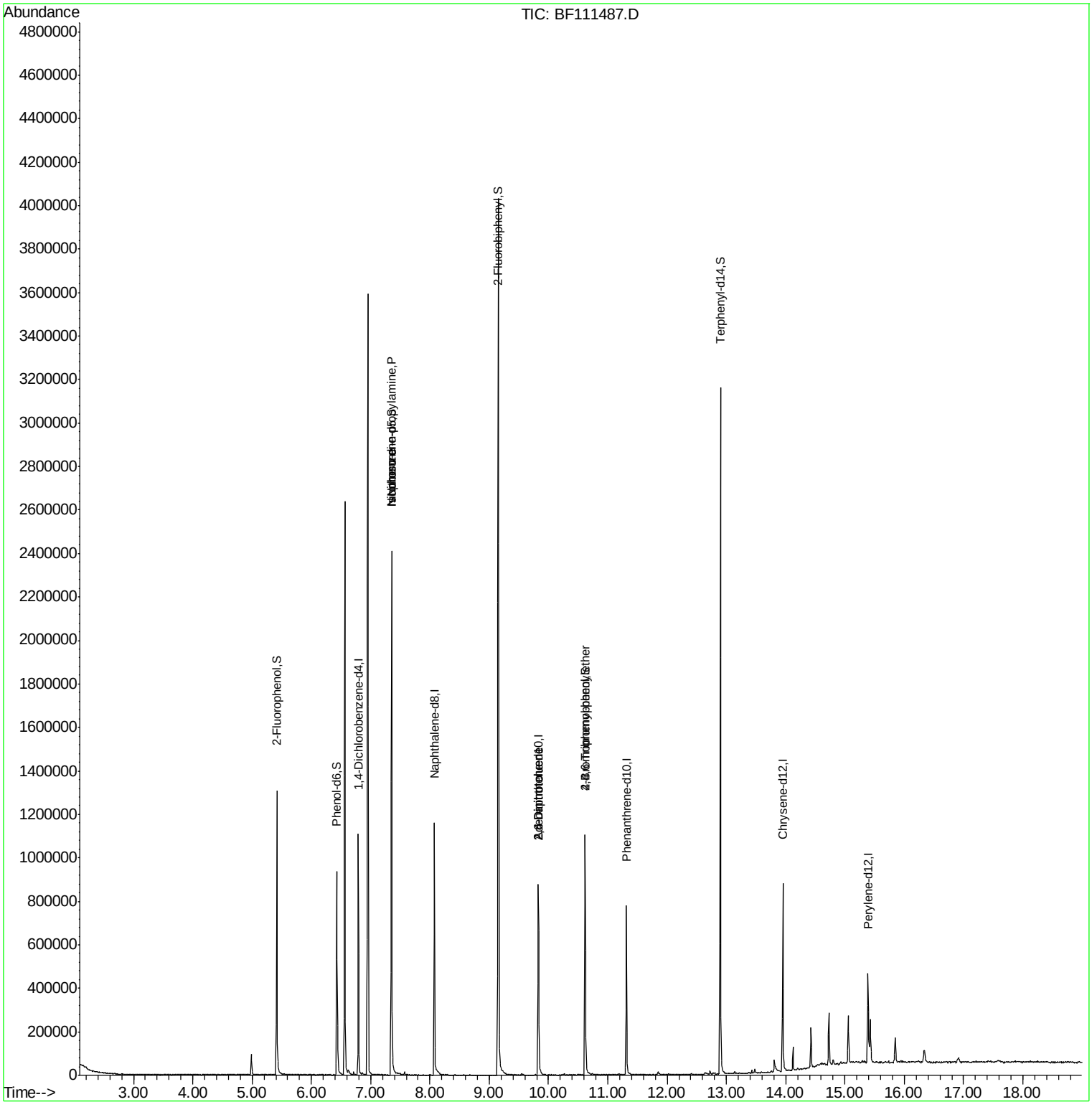
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\

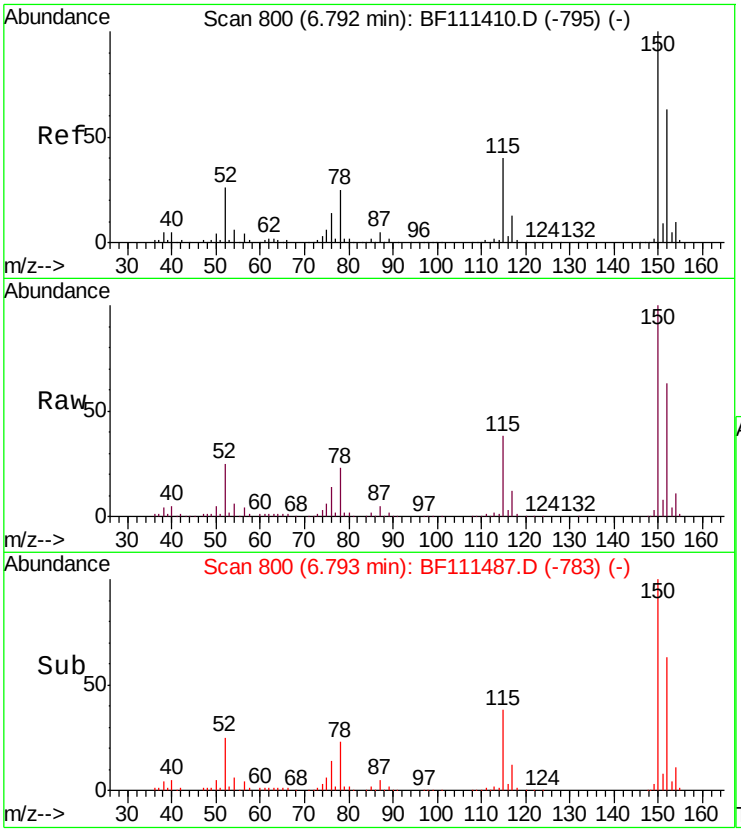
Quantitation Report (Not Reviewed)

Data File : BF111487.D
Acq On : 16 Dec 2018 1:11
Operator : JU/SJ
Sample : J6341-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 121018-JETT-F-U-B

Quant Time: Dec 16 02:45:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



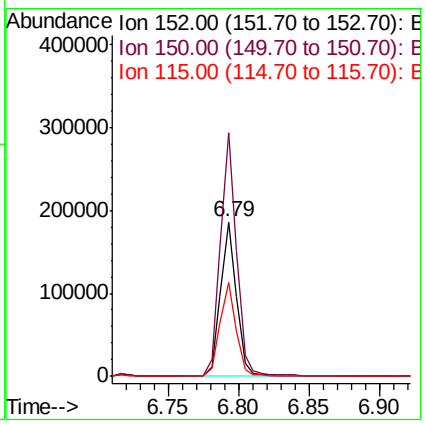


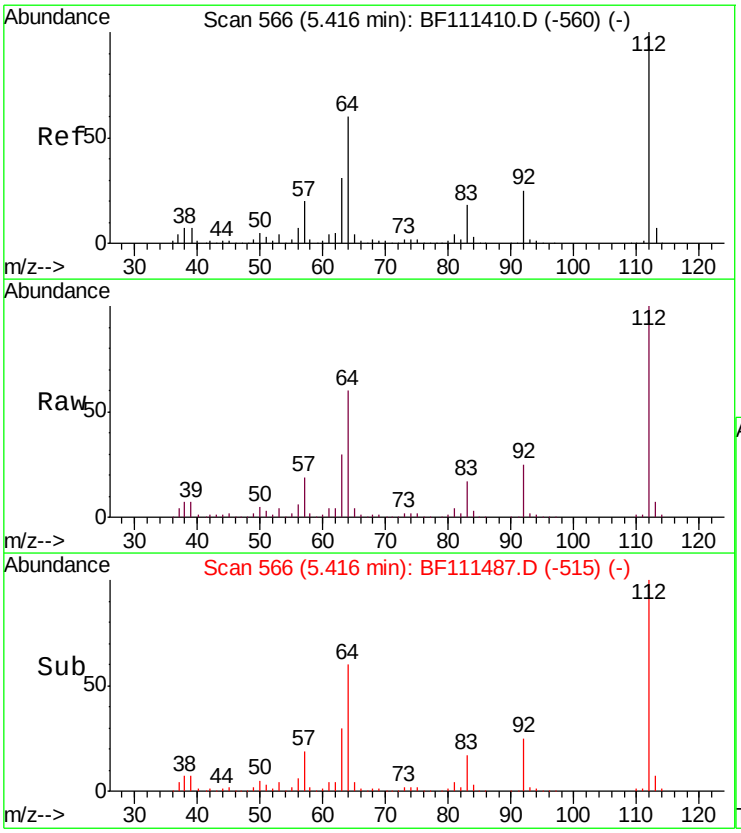
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:152 Resp: 148305

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.6	189.8
115	60.5	50.7	76.1

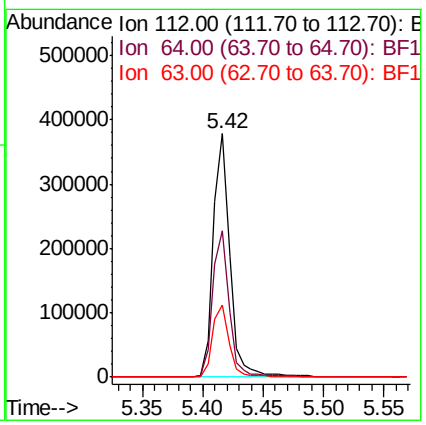


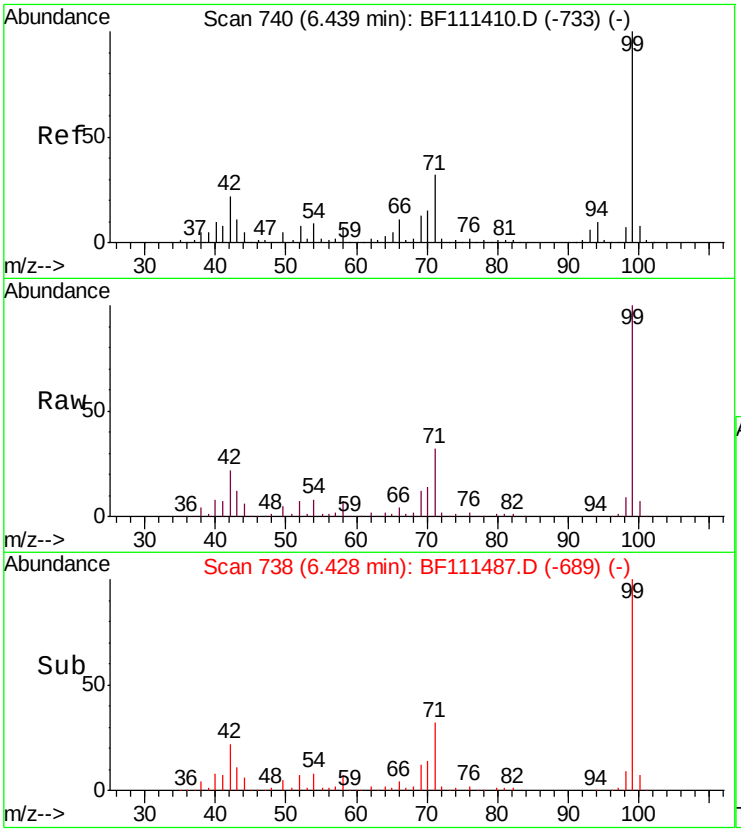


#5
2-Fluorophenol
Concen: 39.939 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion:112 Resp: 355943

Ion	Ratio	Lower	Upper
112	100		
64	60.3	51.8	77.6
63	29.5	26.8	40.2



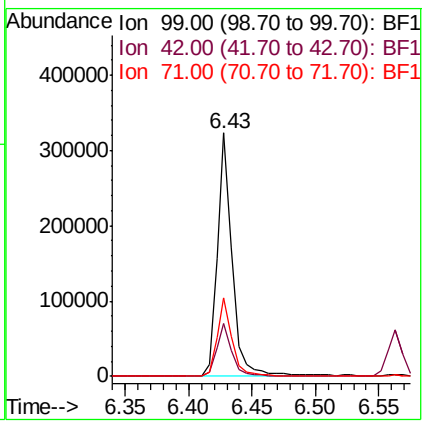


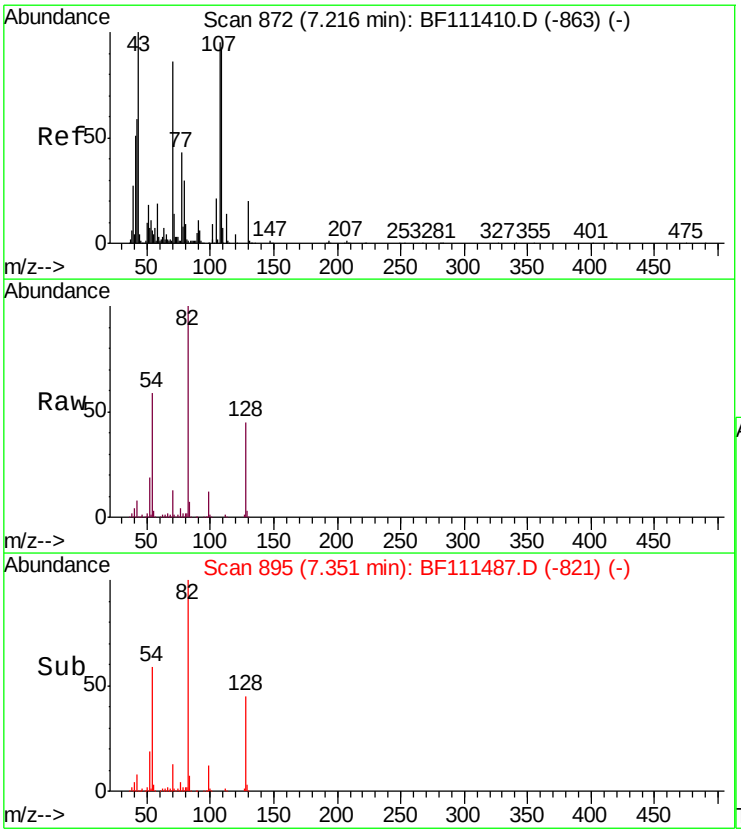
#7
Phenol-d6
Concen: 22.771 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion: 99 Resp: 269941

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	32.4	26.1	39.1

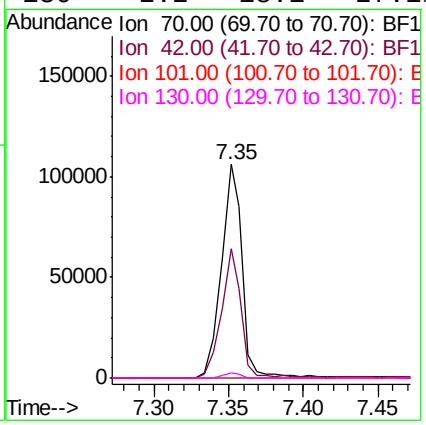


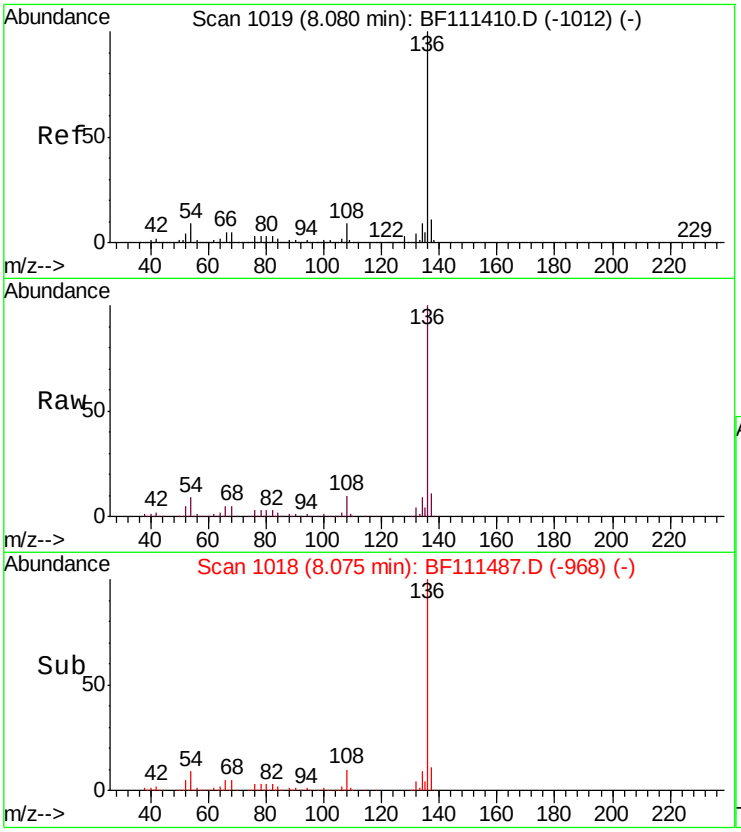


#19
n-Nitroso-di-n-propylamine
Concen: 13.442 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion: 70 Resp: 105132

Ion	Ratio	Lower	Upper
70	100		
42	60.6	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#



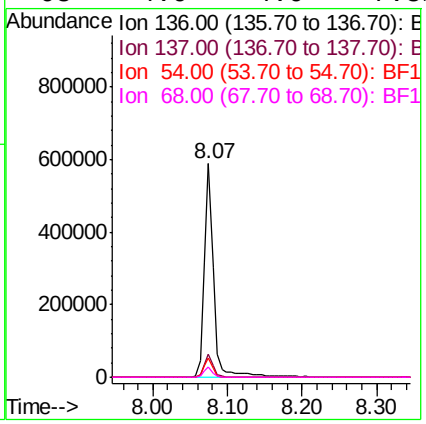


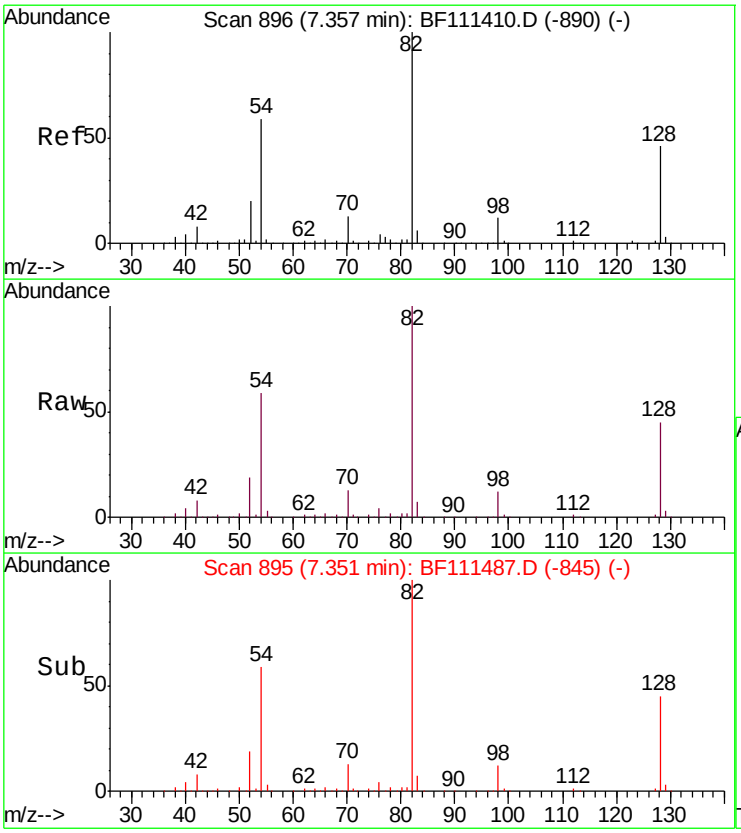
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:136 Resp: 521650

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.2	7.7	11.5
68	4.9	4.9	7.3#

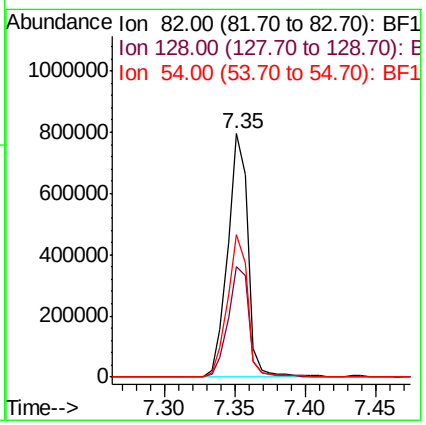


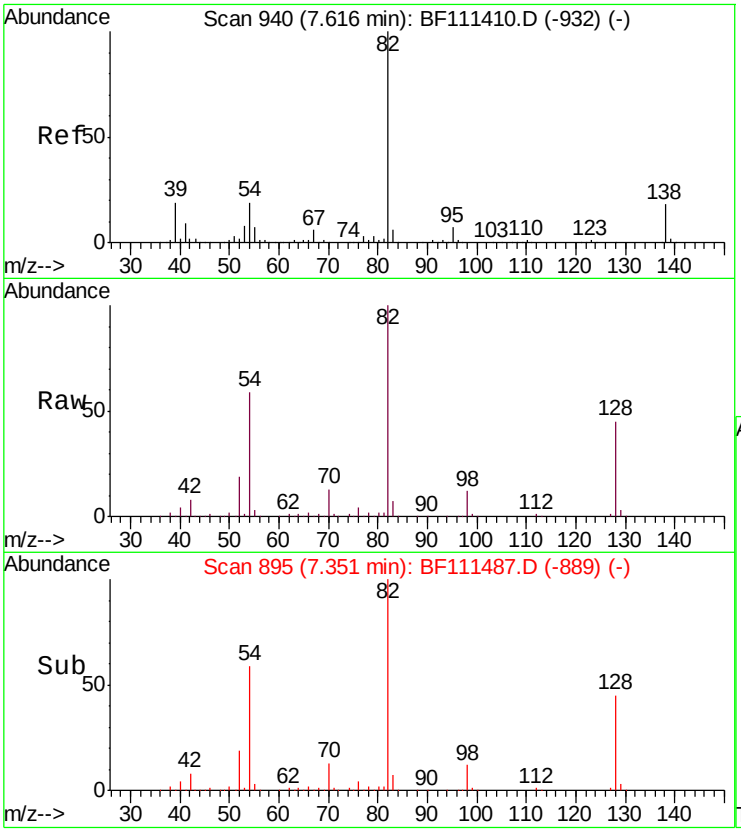


#23
Nitrobenzene-d5
Concen: 91.103 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion: 82 Resp: 798069

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	58.8	47.6	71.4



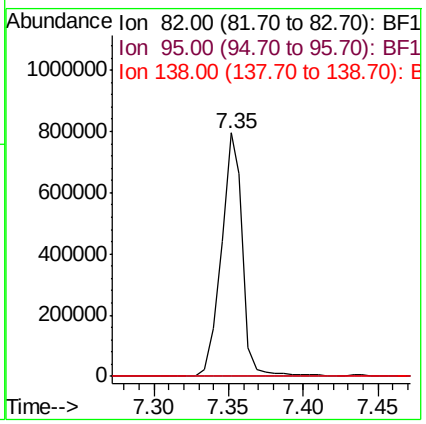


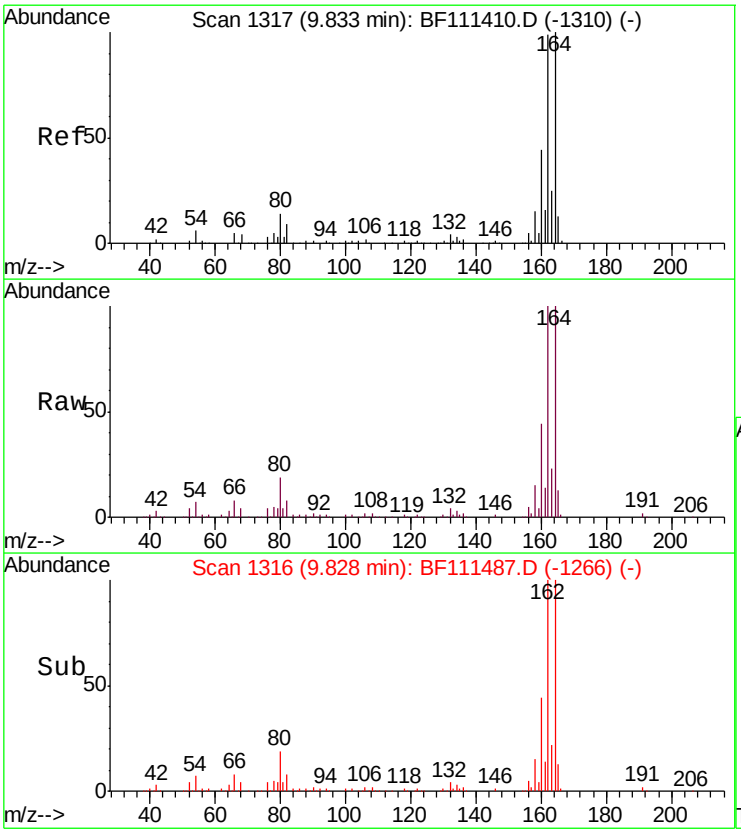
#25
Isophorone
Concen: 53.842 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion: 82 Resp: 798061

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

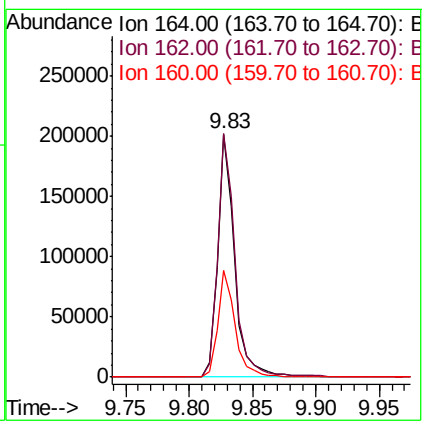


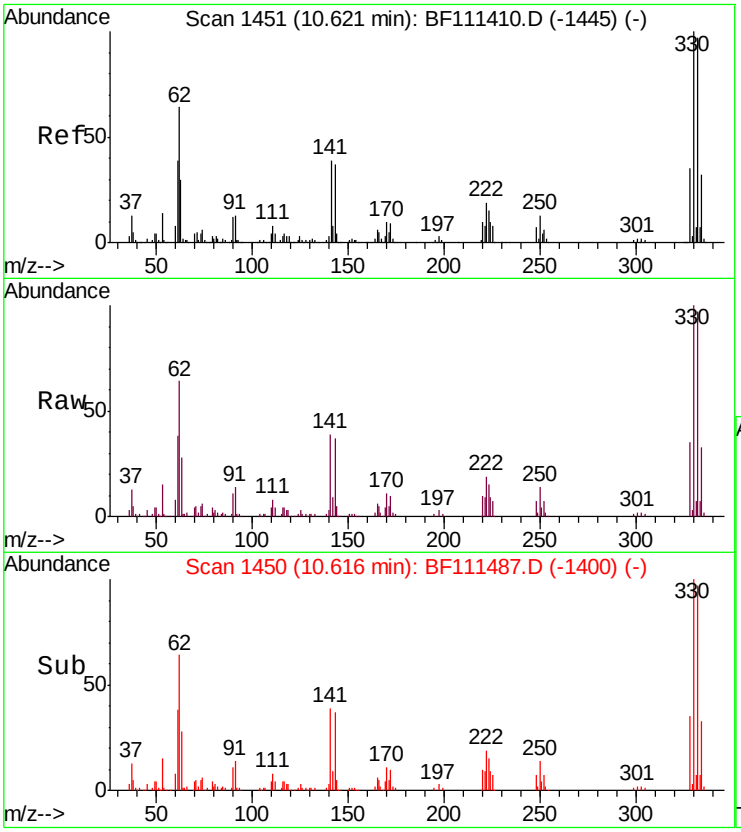


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion:164 Resp: 189909

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.4	122.0
160	44.0	35.7	53.5



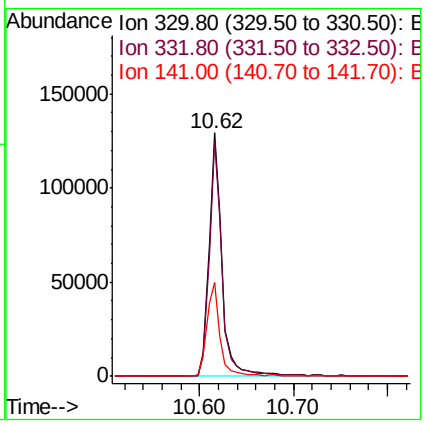


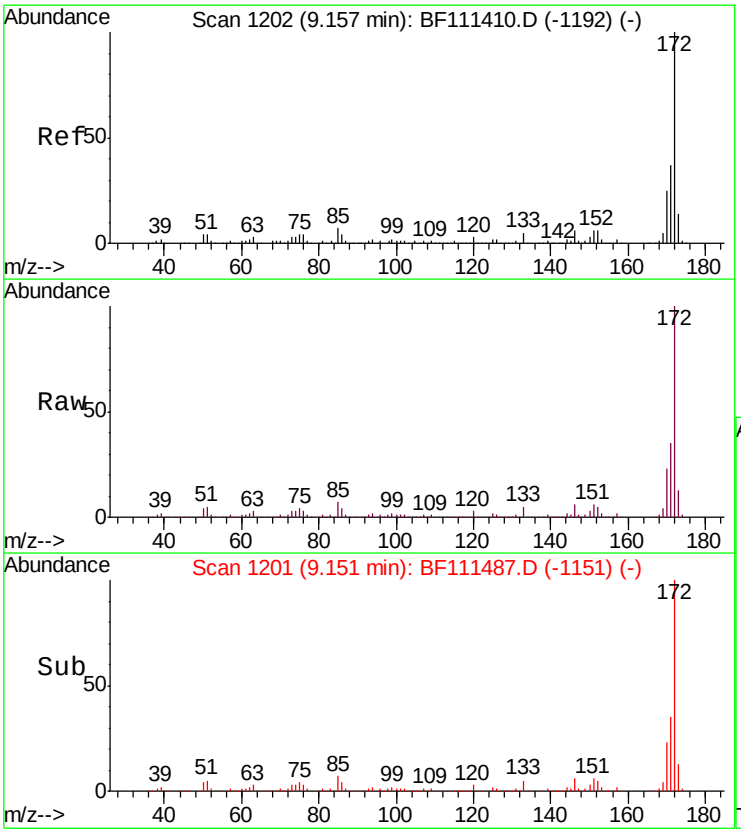
#42
2,4,6-Tribromophenol
Concen: 75.284 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:330 Resp: 128072

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	38.0	31.0	46.6

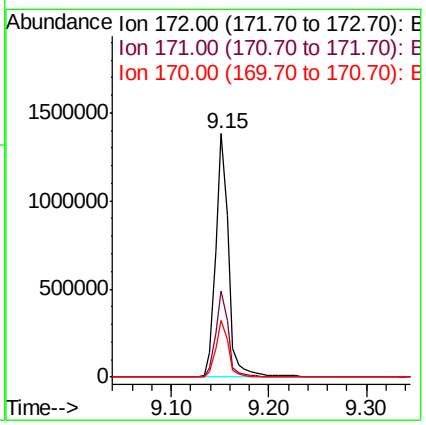


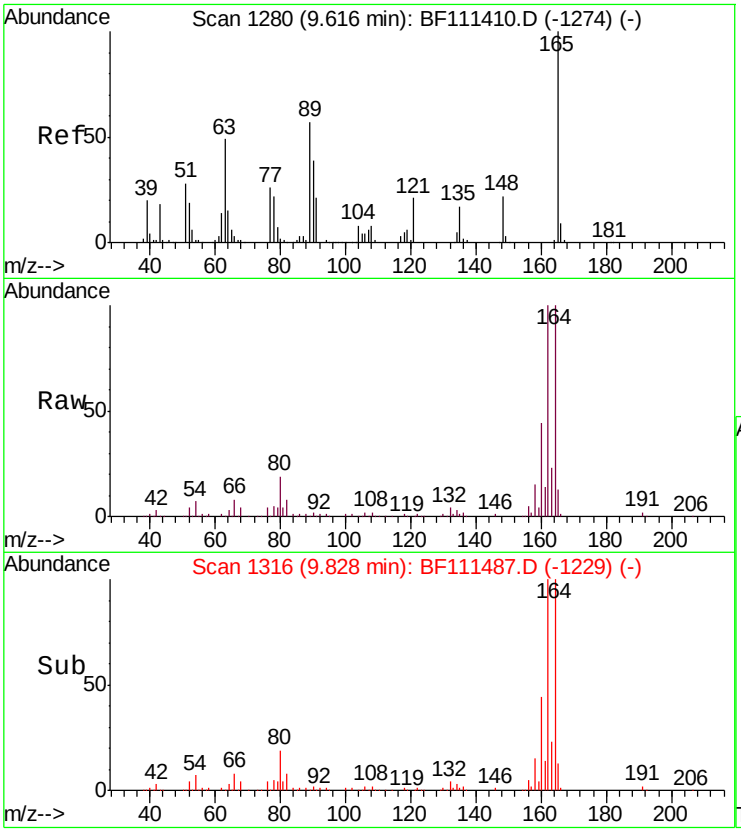


#45
2-Fluorobiphenyl
Concen: 103.449 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion:172 Resp: 1271871

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.2	22.3	33.5



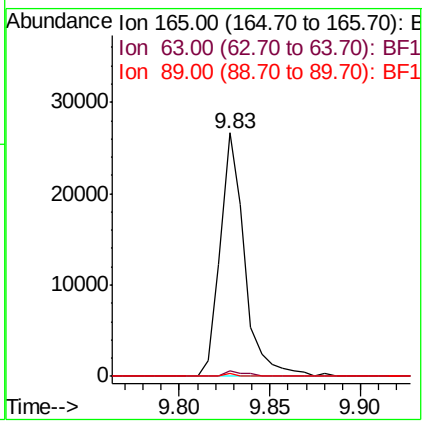


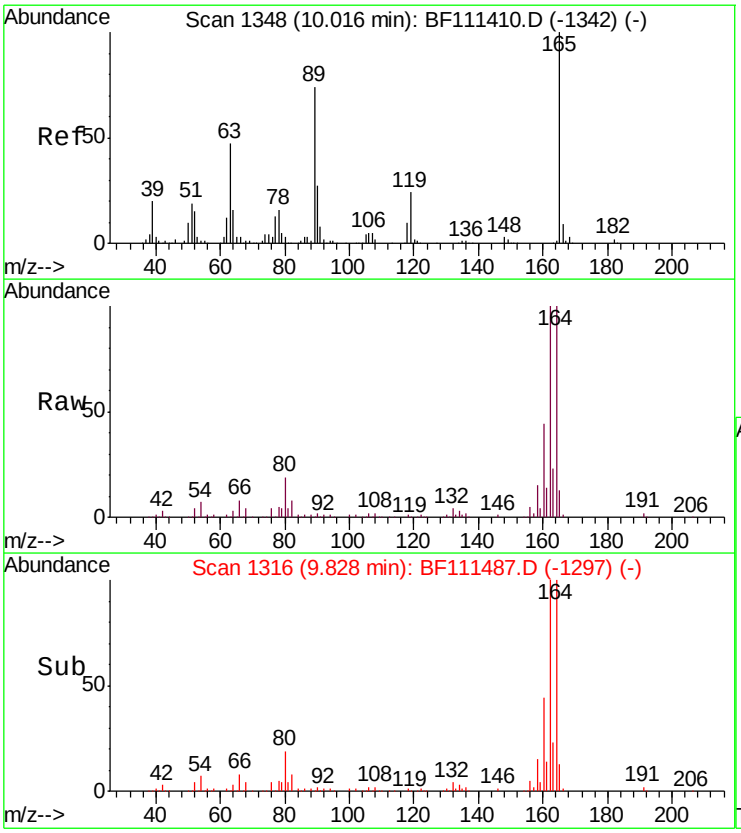
#51
2,6-Dinitrotoluene
Concen: 8.099 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:165 Resp: 24932

Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.5	60.7#
89	1.5	40.0	60.0#

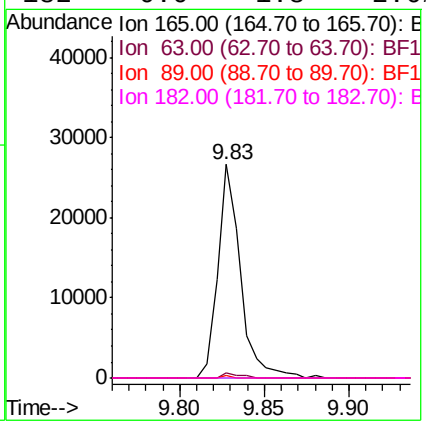


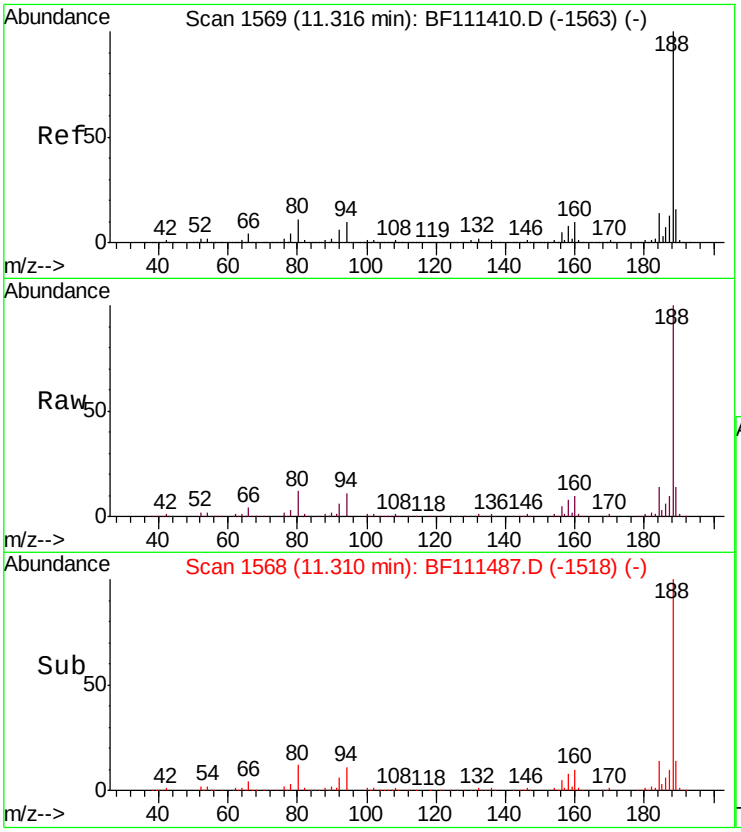


#57
2,4-Dinitrotoluene
Concen: 6.171 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion:165 Resp: 24933

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



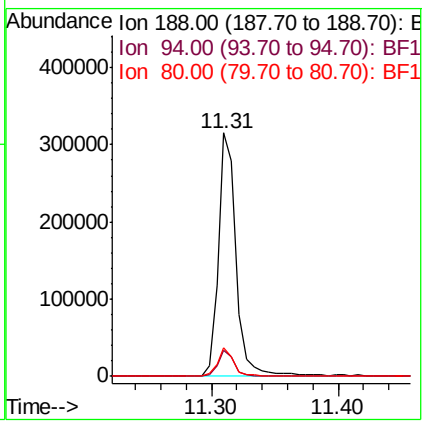


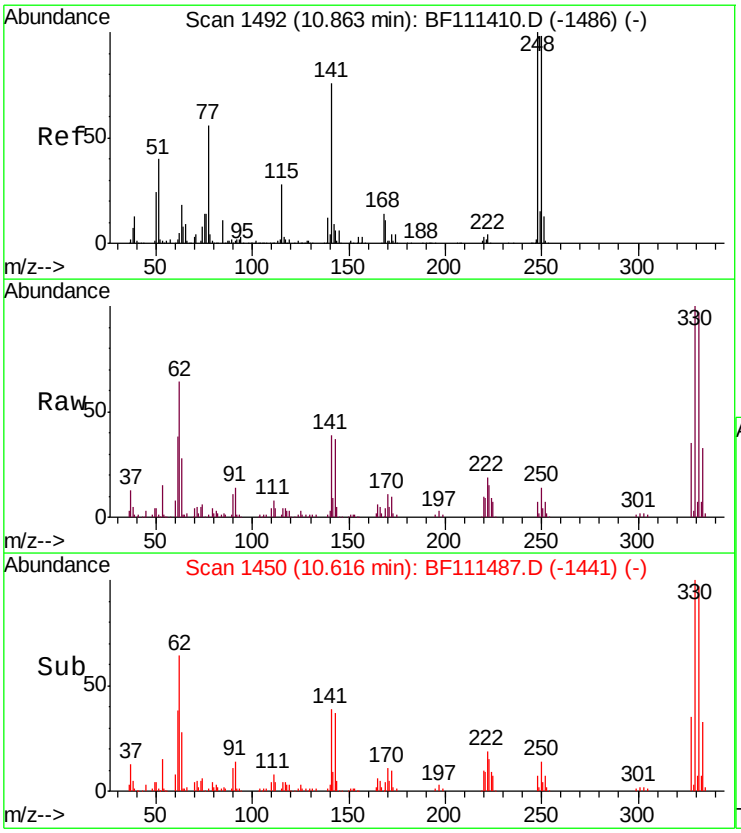
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:188 Resp: 308907

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.6	14.4
80	11.6	9.8	14.6

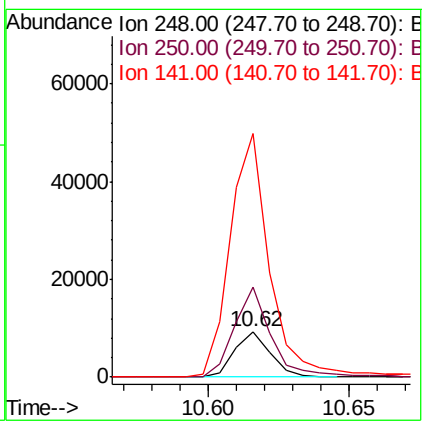


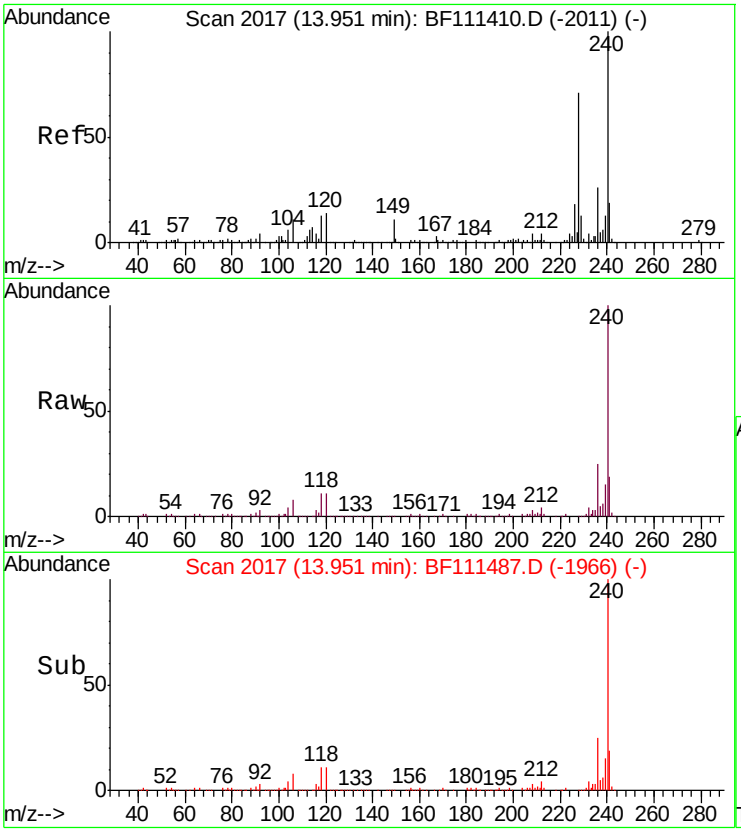


#67
4-Bromophenyl-phenylether
Concen: 2.455 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion:248 Resp: 8175

Ion	Ratio	Lower	Upper
248	100		
250	197.1	77.0	115.4#
141	534.8	63.0	94.6#



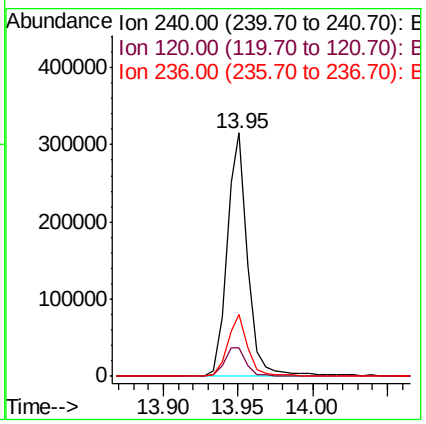


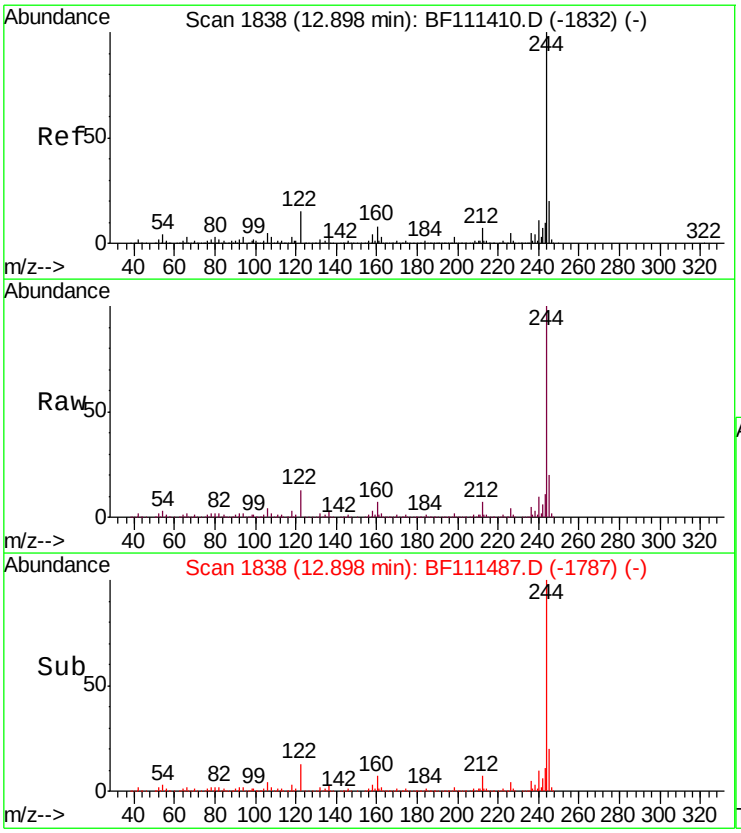
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:240 Resp: 306699

Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.2	18.2#
236	25.5	20.2	30.2

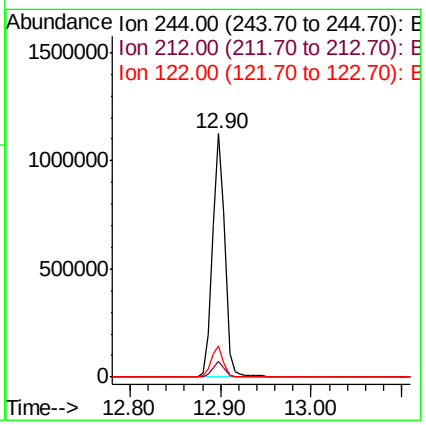


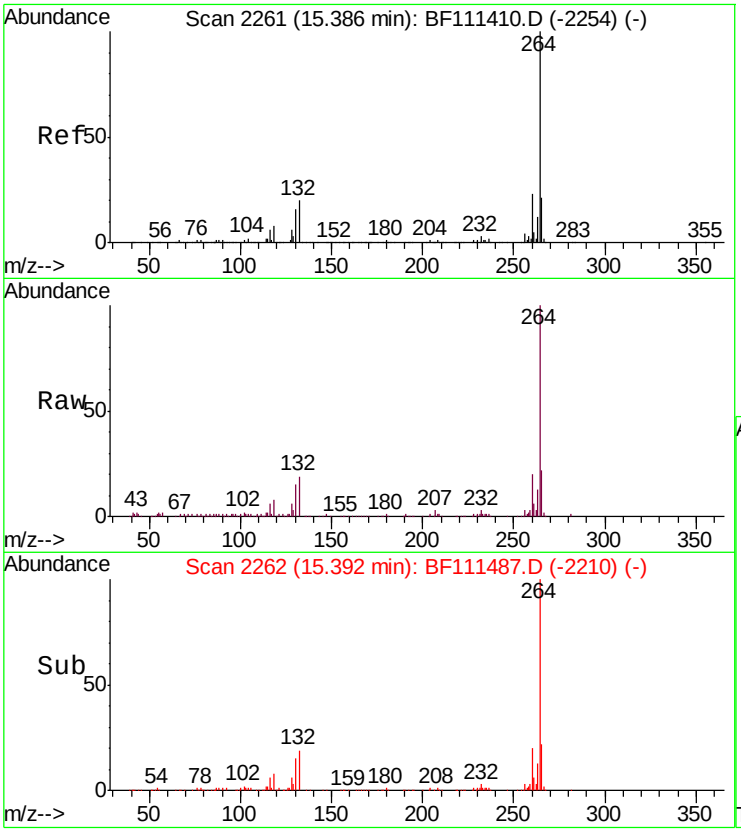


#79
Terphenyl-d14
Concen: 81.686 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Tgt Ion:244 Resp: 1066892

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	12.9	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111487.D
Acq: 16 Dec 2018 1:11

Instrument :
BNA_F
ClientSampleId :
121018-JETT-F-U-B

Tgt Ion:264 Resp: 210942

Ion	Ratio	Lower	Upper
264	100		
260	20.3	18.3	27.5
265	22.1	17.7	26.5