Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
Data File : BF111657.D
Acq On : 20 Dec 2018 23:45
Operator : JU/SJ
Sample : J6447-02 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS024-0006-01

Quant Time: Dec 21 06:23:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	202983	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	742546	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	319342	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	479649	20.00	ng		0.00
76) Chrysene-d12	14.04	240	484882	20.00	ng		0.00
87) Perylene-d12	15.52	264	359971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	251669	21.13	ng		0.00
7) Phenol-d6	6.51	99	317446	20.95	ng		-0.01
23) Nitrobenzene-d5	7.45	82	183400	14.38	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	52509	13.92	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	281465	12.85	ng		0.00
79) Terphenyl-d14	12.99	244	197218	7.71	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	49830	4.781	ng		96
19) n-Nitroso-di-n-propylamine	7.45	70	23269	2.312	ng	#	79
25) Isophorone	7.45	82	183397	8.098	ng	#	64
51) 2,6-Dinitrotoluene	9.93	165	41463	8.904	ng	#	30
57) 2,4-Dinitrotoluene	9.93	165	41463	7.409	ng	#	25

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
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Acq On : 20 Dec 2018 23:45
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P001-SS024-0006-01

Quant Time: Dec 21 06:23:20 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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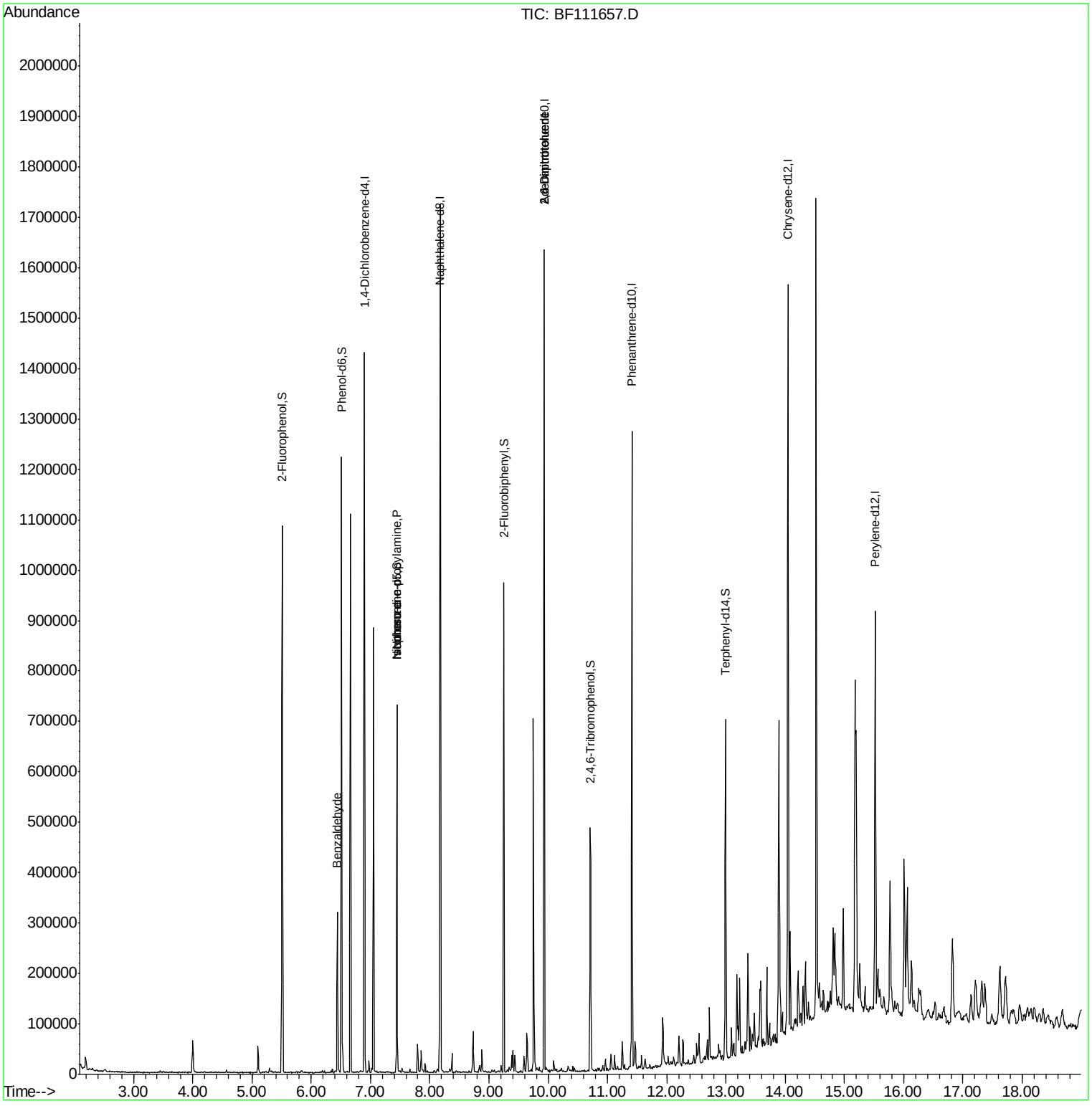
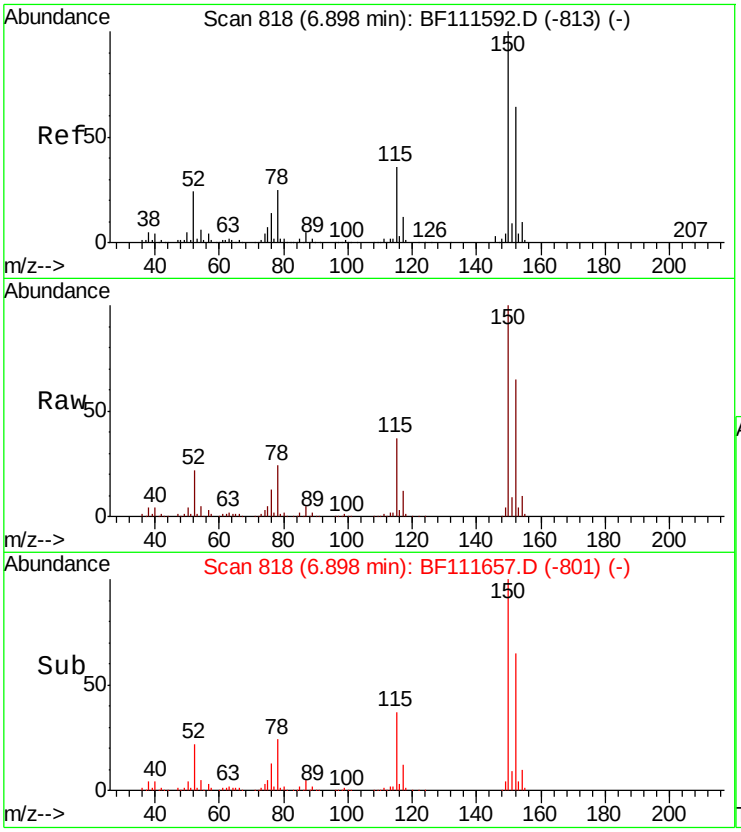


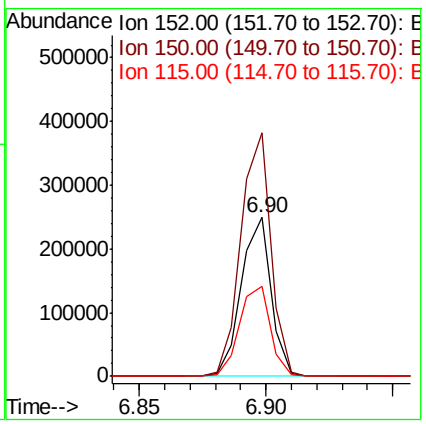


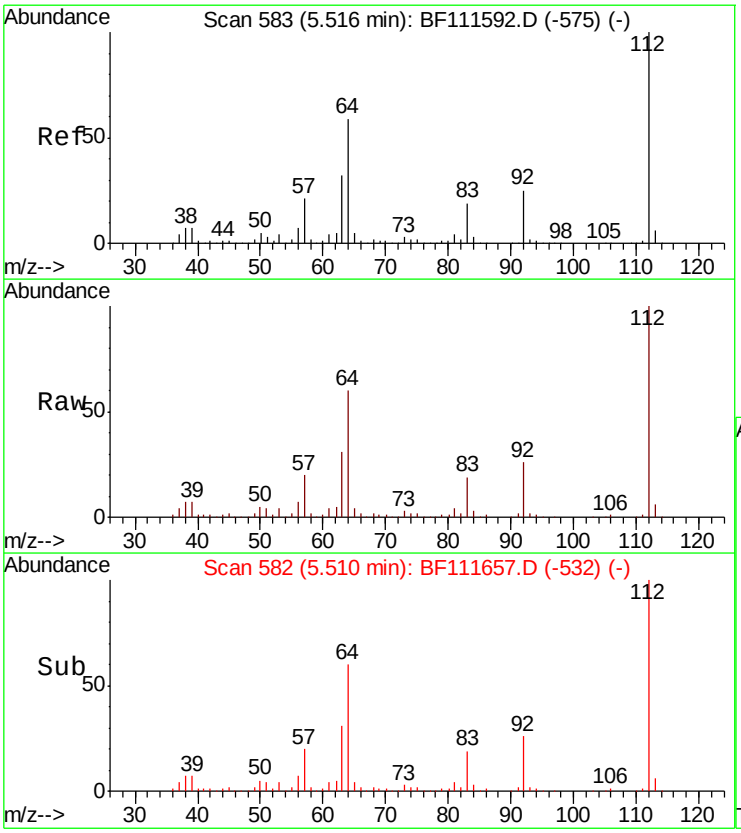
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:152 Resp: 202983

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	56.5	50.7	76.1

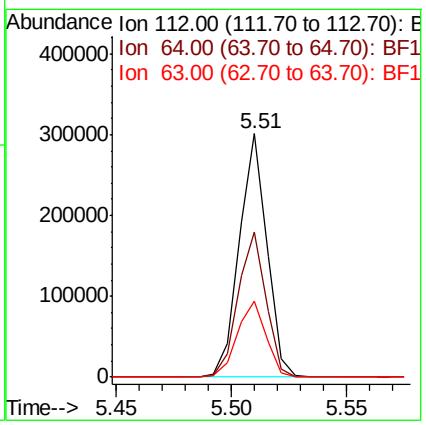


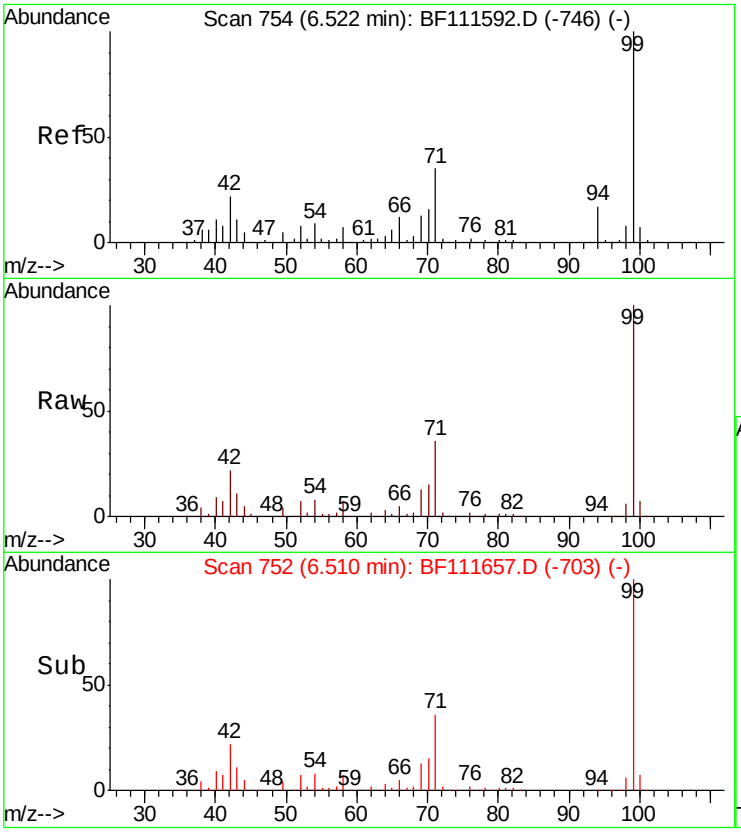


#5
2-Fluorophenol
Concen: 21.134 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:112 Resp: 251669

Ion	Ratio	Lower	Upper
112	100		
64	59.8	51.8	77.6
63	31.4	26.8	40.2



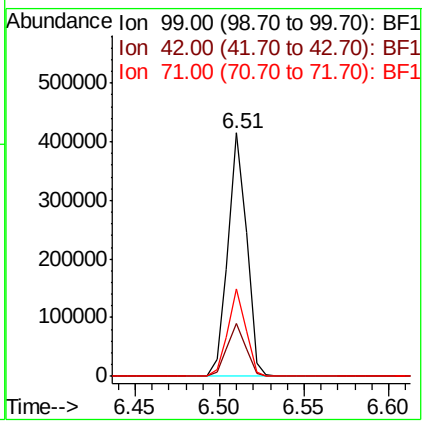


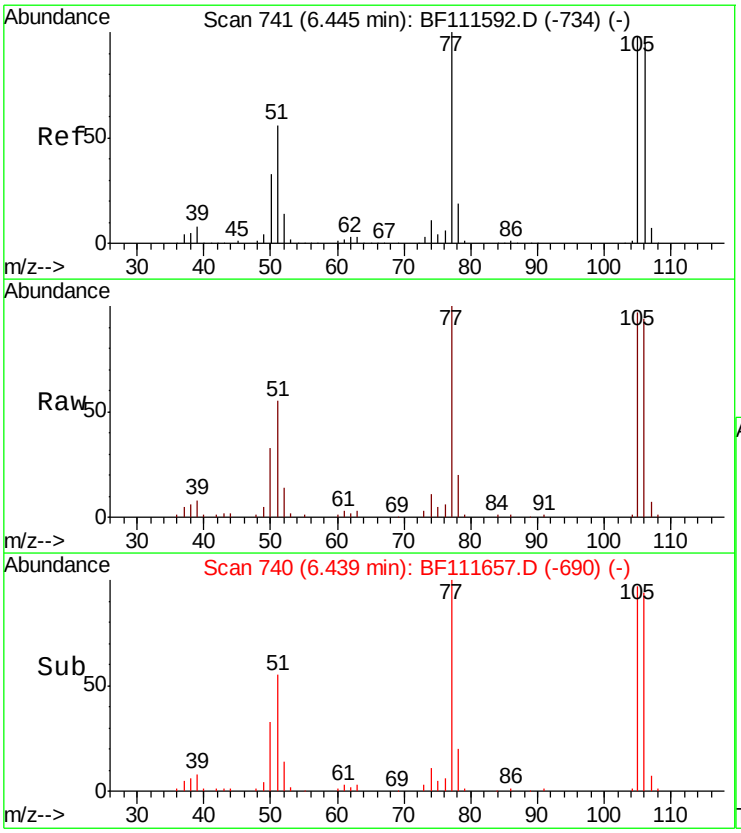
#7
Phenol-d6
Concen: 20.946 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion: 99 Resp: 317446

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	35.7	26.1	39.1

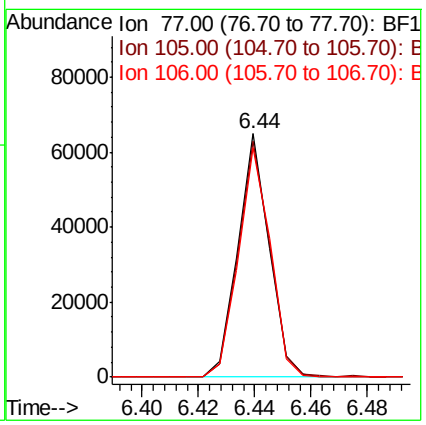


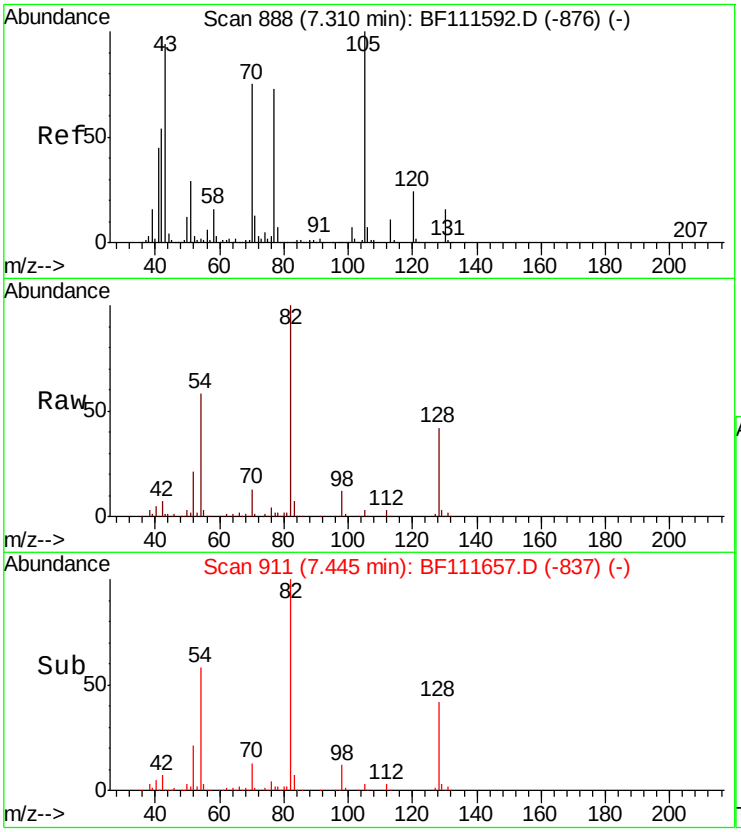


#9
Benzaldehyde
Concen: 4.781 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion: 77 Resp: 49830

Ion	Ratio	Lower	Upper
77	100		
105	97.1	81.4	121.4
106	94.4	77.9	117.9



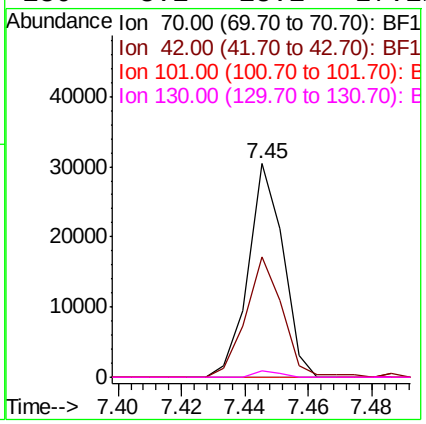


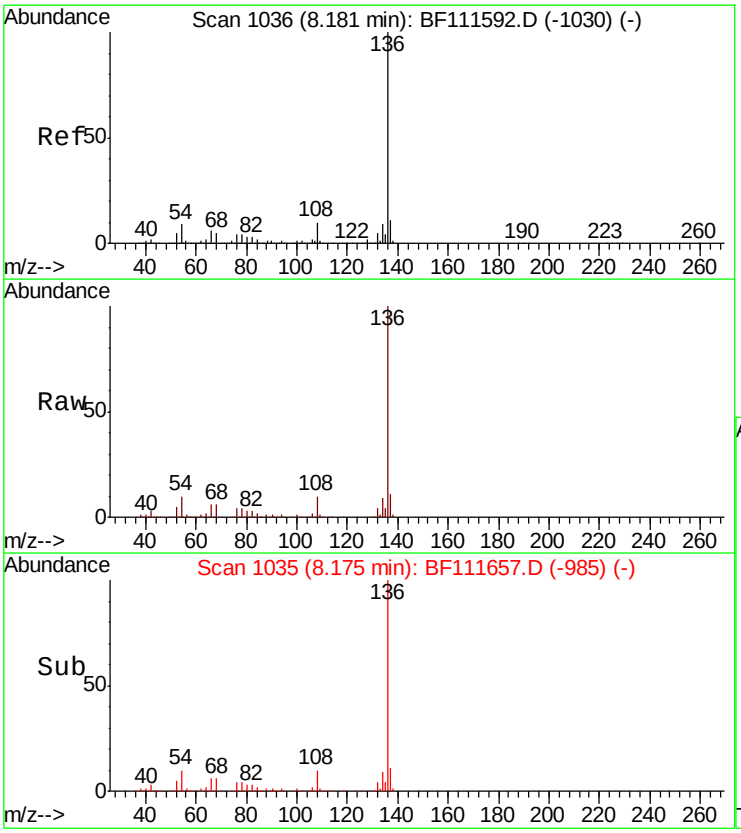
#19
n-Nitroso-di-n-propylamine
Concen: 2.312 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion: 70 Resp: 23269

Ion	Ratio	Lower	Upper
70	100		
42	56.4	53.2	79.8
101	0.0	8.2	12.4#
130	3.1	18.1	27.1#

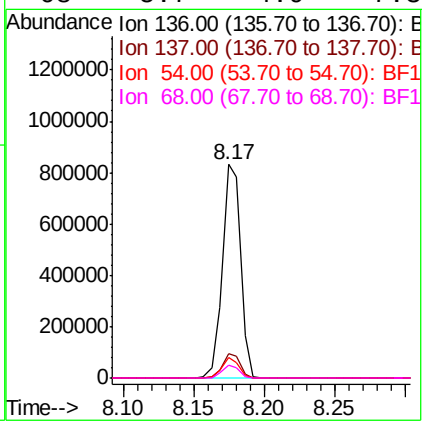


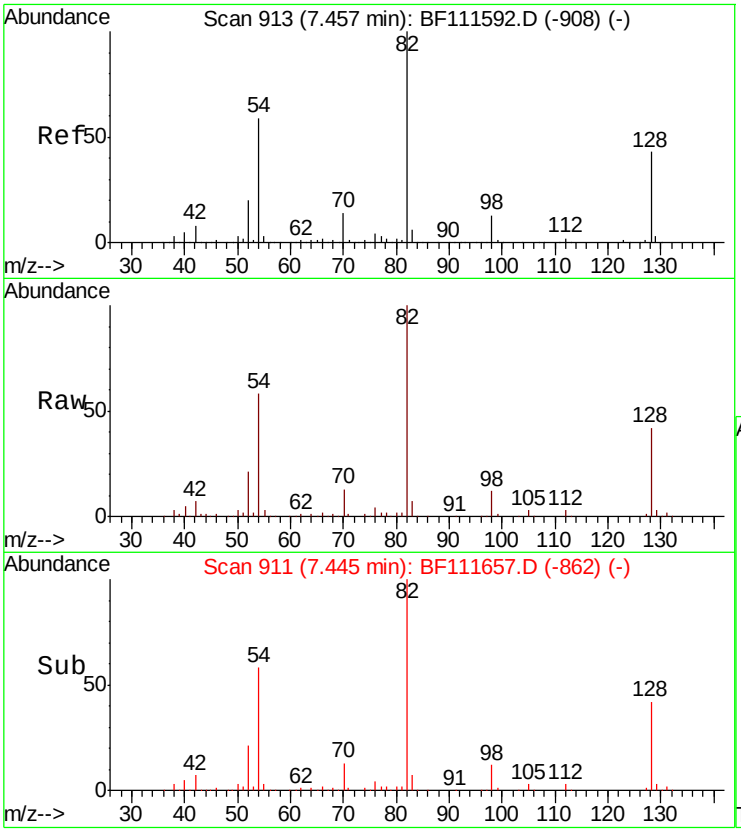


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:136 Resp: 742546

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	7.7	11.5
68	5.7	4.9	7.3



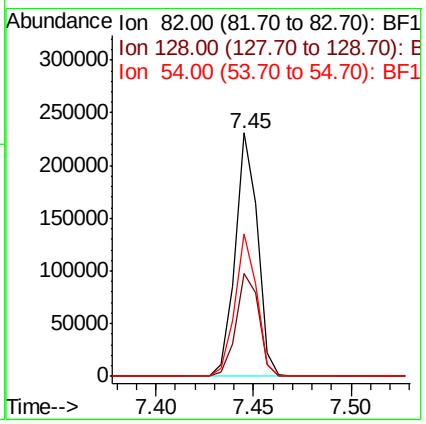


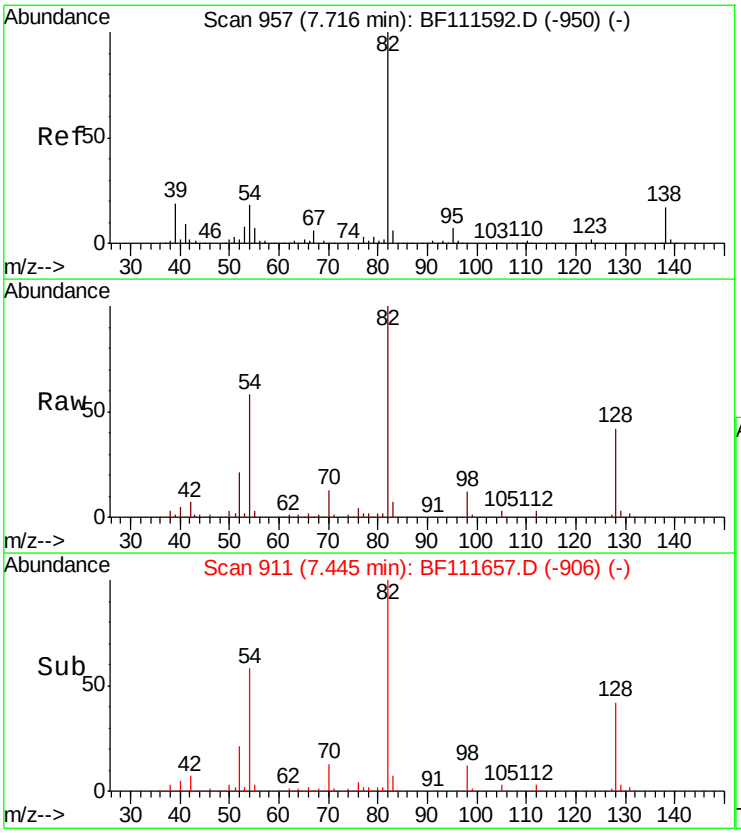
#23
Nitrobenzene-d5
Concen: 14.377 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion: 82 Resp: 183400

Ion	Ratio	Lower	Upper
82	100		
128	42.1	37.4	56.2
54	58.4	47.6	71.4

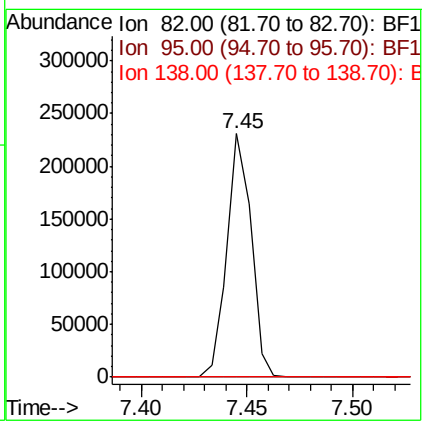


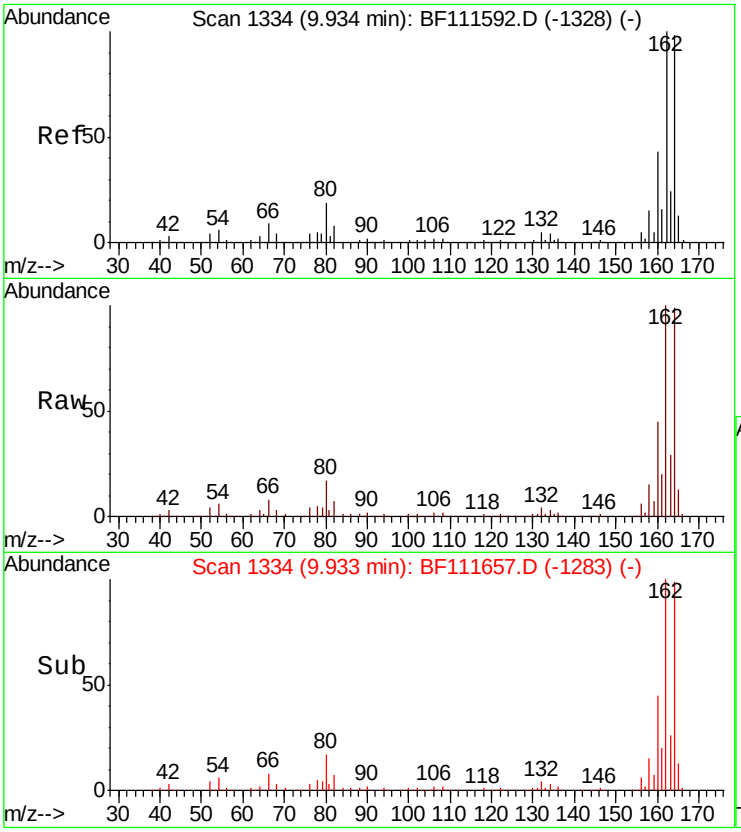


#25
Isophorone
Concen: 8.098 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion: 82 Resp: 183397

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



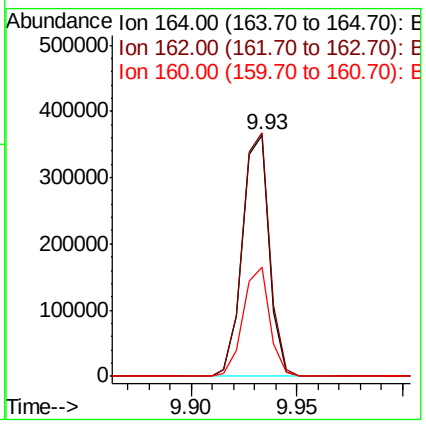


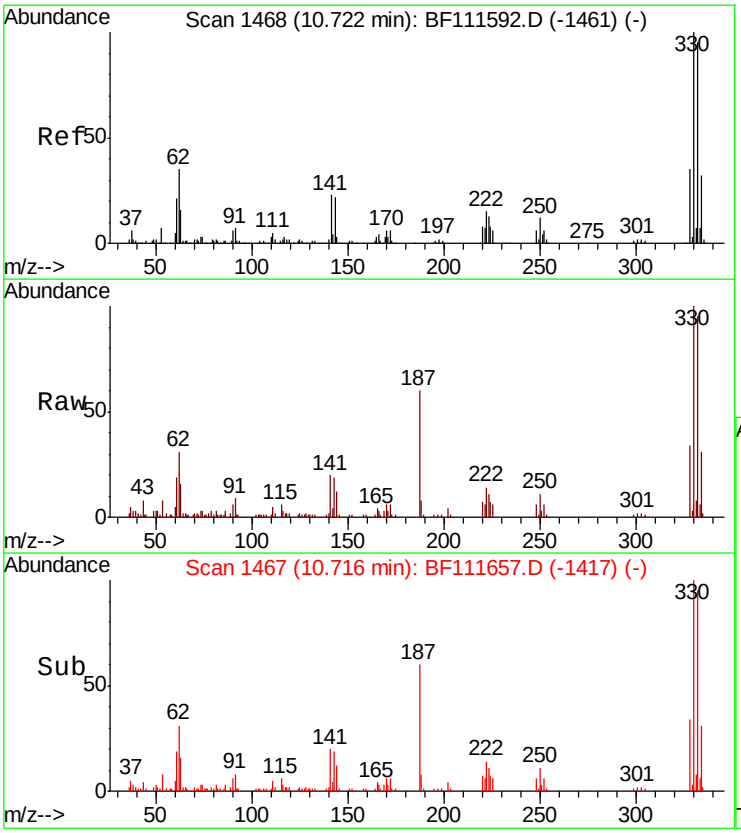
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:164 Resp: 319342

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	45.3	35.7	53.5

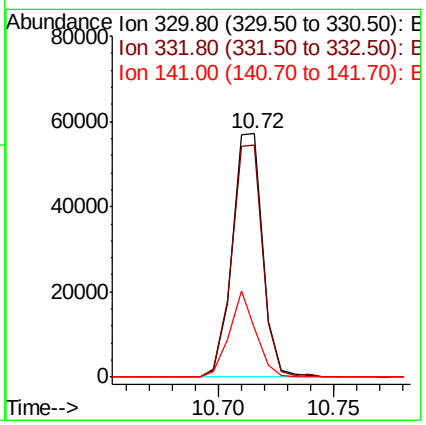


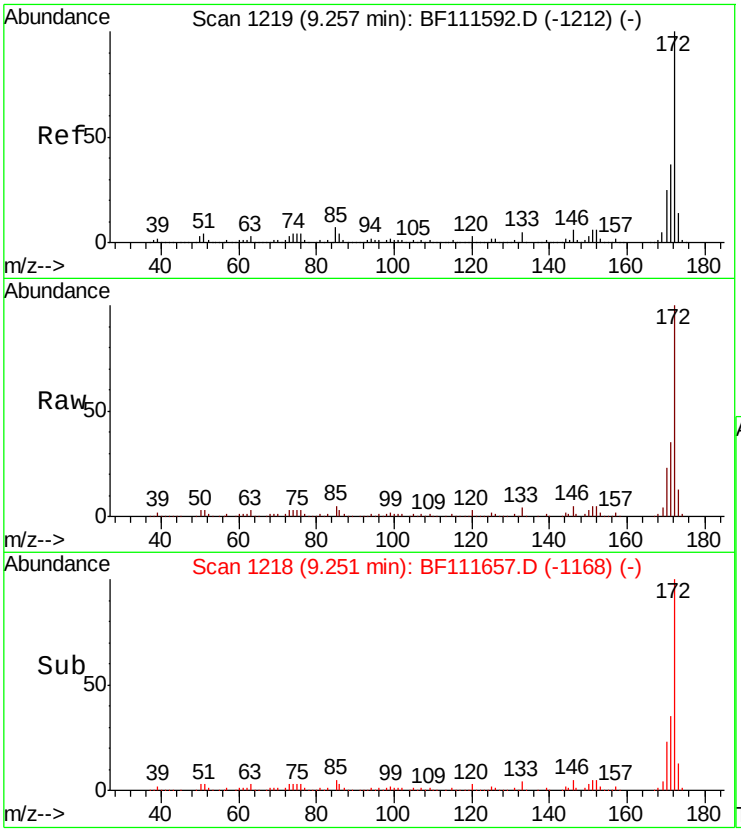


#42
2,4,6-Tribromophenol
Concen: 13.916 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:330 Resp: 52509

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	30.4	31.0	46.6#



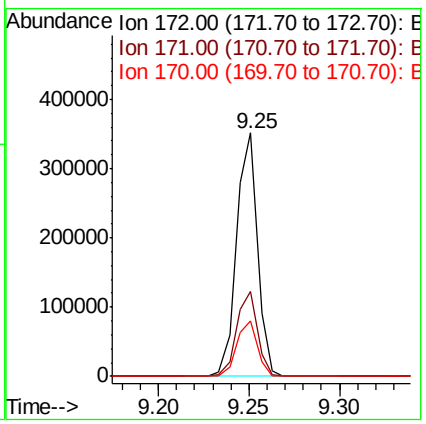


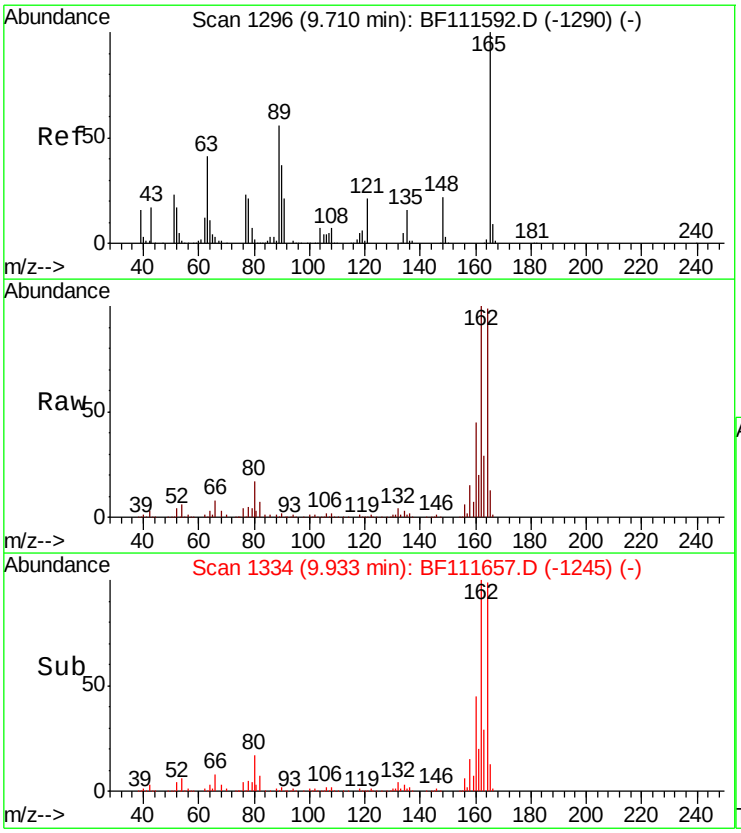
#45
2-Fluorobiphenyl
Concen: 12.847 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:172 Resp: 281465

Ion	Ratio	Lower	Upper
172	100		
171	34.9	33.0	49.4
170	22.9	22.3	33.5

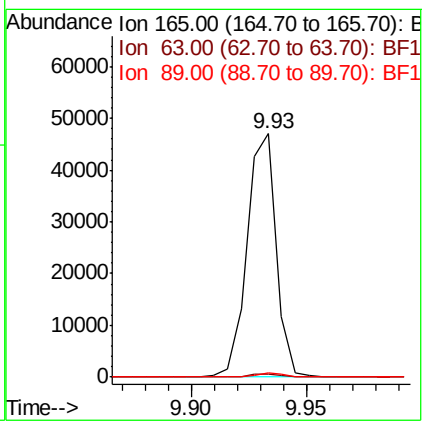


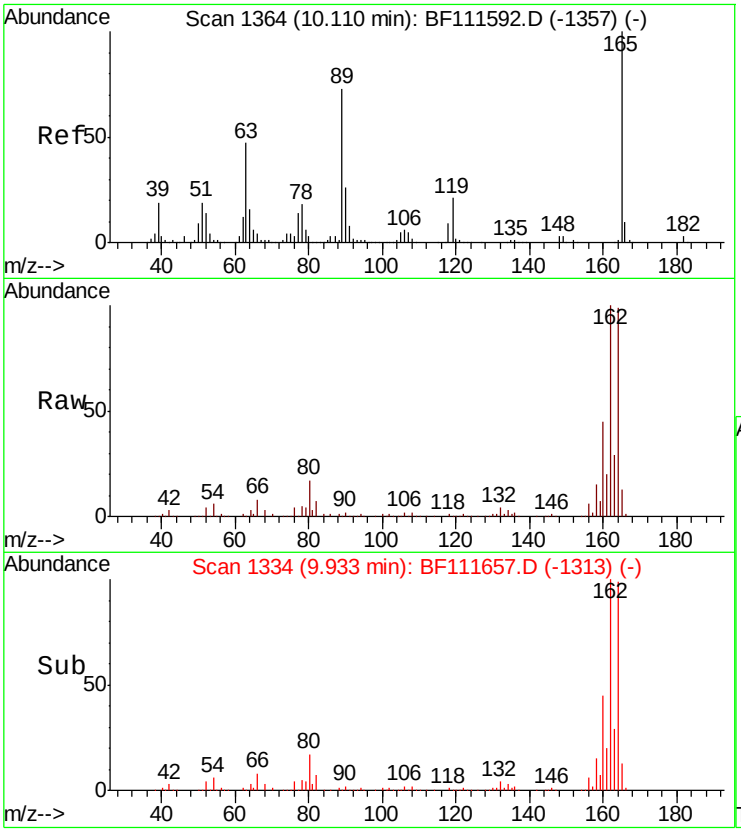


#51
2,6-Dinitrotoluene
Concen: 8.904 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:165 Resp: 41463

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.5	60.7#
89	1.9	40.0	60.0#



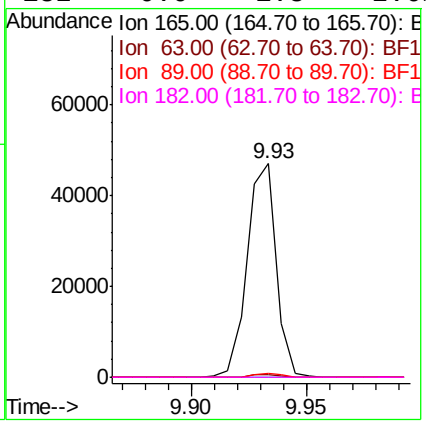


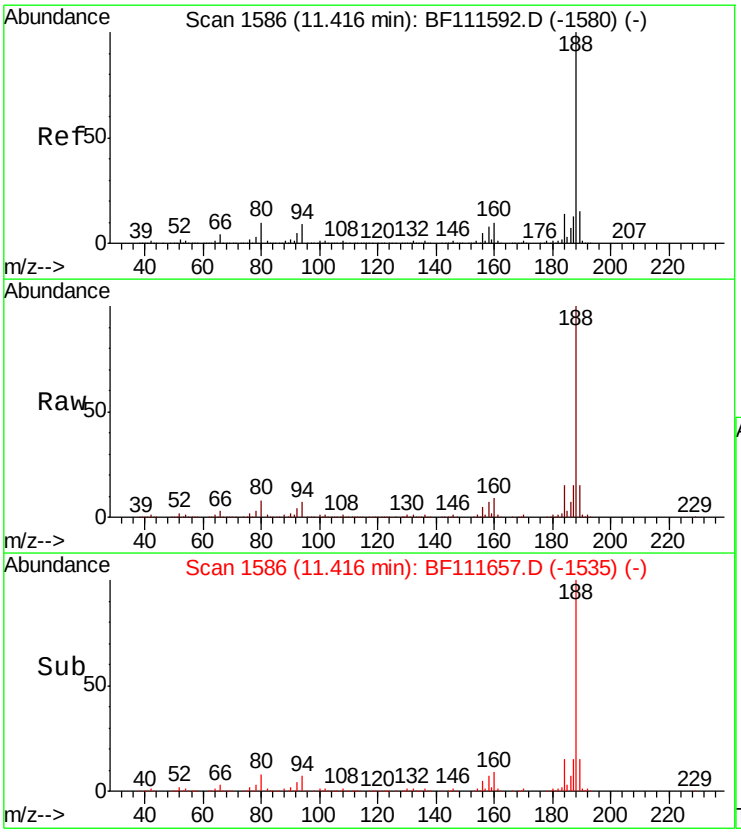
#57
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:165 Resp: 41463

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.9	56.2	84.4#
182	0.0	1.8	2.6#

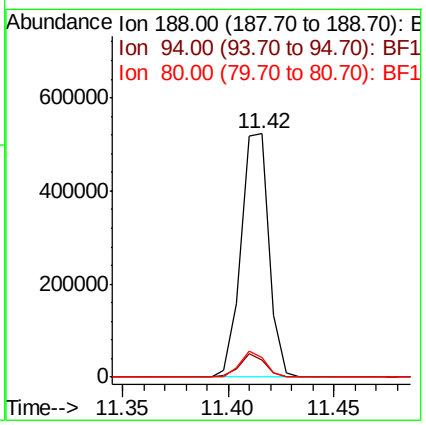


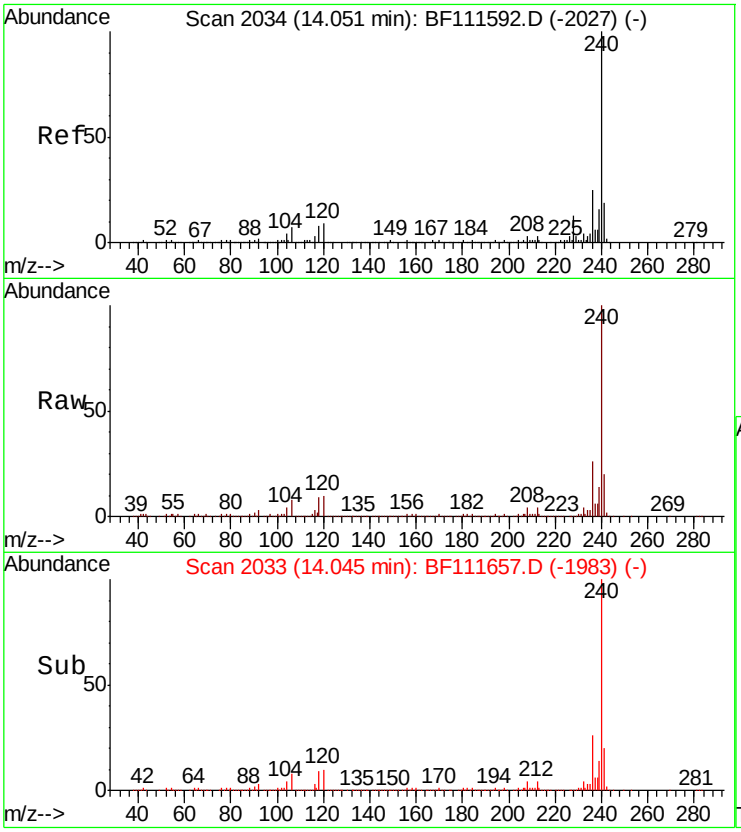


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:188 Resp: 479649

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.6	14.4#
80	8.2	9.8	14.6#



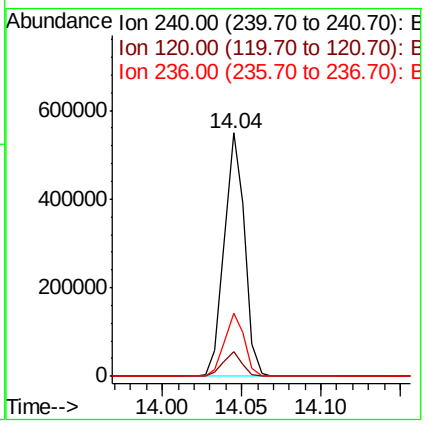


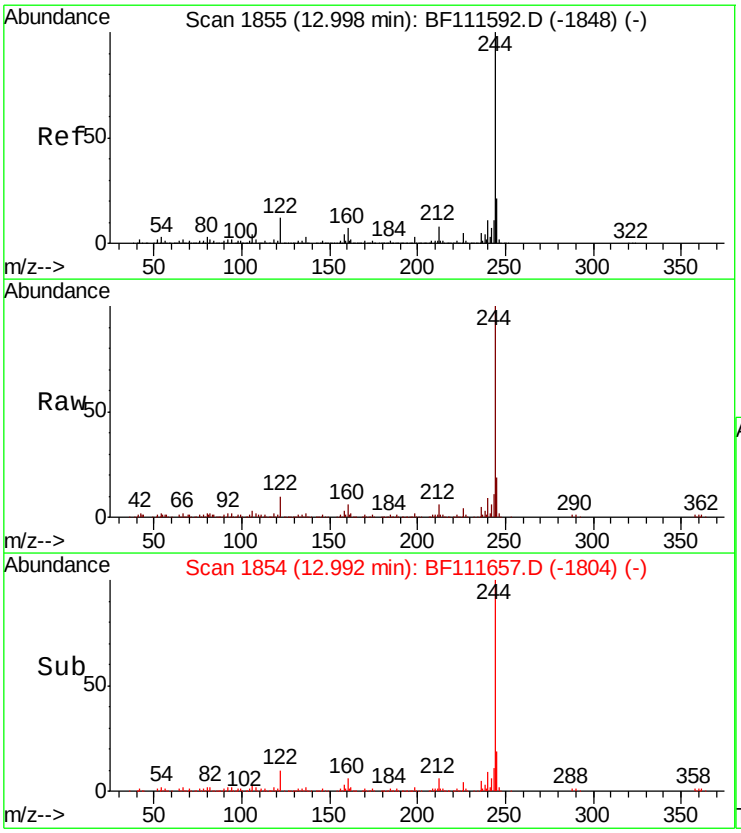
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:240 Resp: 484882

Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.2	18.2#
236	26.2	20.2	30.2

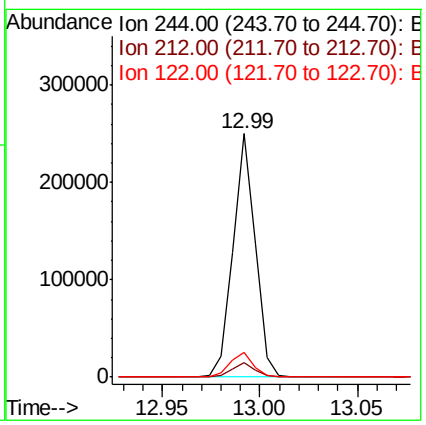


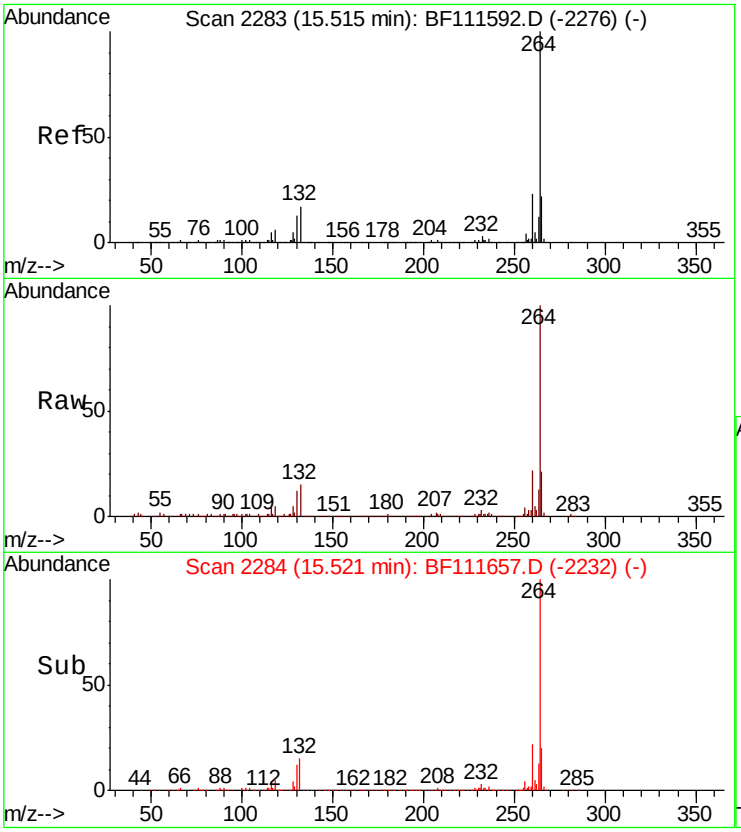


#79
Terphenyl-d14
Concen: 7.713 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Tgt Ion:244 Resp: 197218

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	10.2	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111657.D
Acq: 20 Dec 2018 23:45

Instrument :
BNA_F
ClientSampleId :
P001-SS024-0006-01

Tgt Ion:264 Resp: 359971

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	20.7	17.7	26.5