Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111532.D
Acq On : 17 Dec 2018 11:52
Operator : JU/SJ
Sample : J6386-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS005-0612-01

Quant Time: Dec 18 04:07:26 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	140121	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	543478	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	230373	20.00	ng		-0.01
64) Phenanthrene-d10	11.31	188	331663	20.00	ng		0.00
76) Chrysene-d12	13.94	240	287569	20.00	ng		0.00
87) Perylene-d12	15.39	264	288204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1172982	139.30	ng		0.01
7) Phenol-d6	6.45	99	1469711	131.22	ng		0.00
23) Nitrobenzene-d5	7.35	82	918065	100.59	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	220006	106.61	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1564538	104.90	ng		0.00
79) Terphenyl-d14	12.90	244	1027913	83.94	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	83769	6.714	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	120933	16.365	ng	#	81
25) Isophorone	7.35	82	918051	59.450	ng	#	64
50) Dimethylphthalate	9.54	163	140827	8.488	ng	#	96
57) 2,4-Dinitrotoluene	9.82	165	28719	5.859	ng	#	23
67) 4-Bromophenyl-phenylether	10.62	248	13975	3.909	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
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P001-SS005-0612-01

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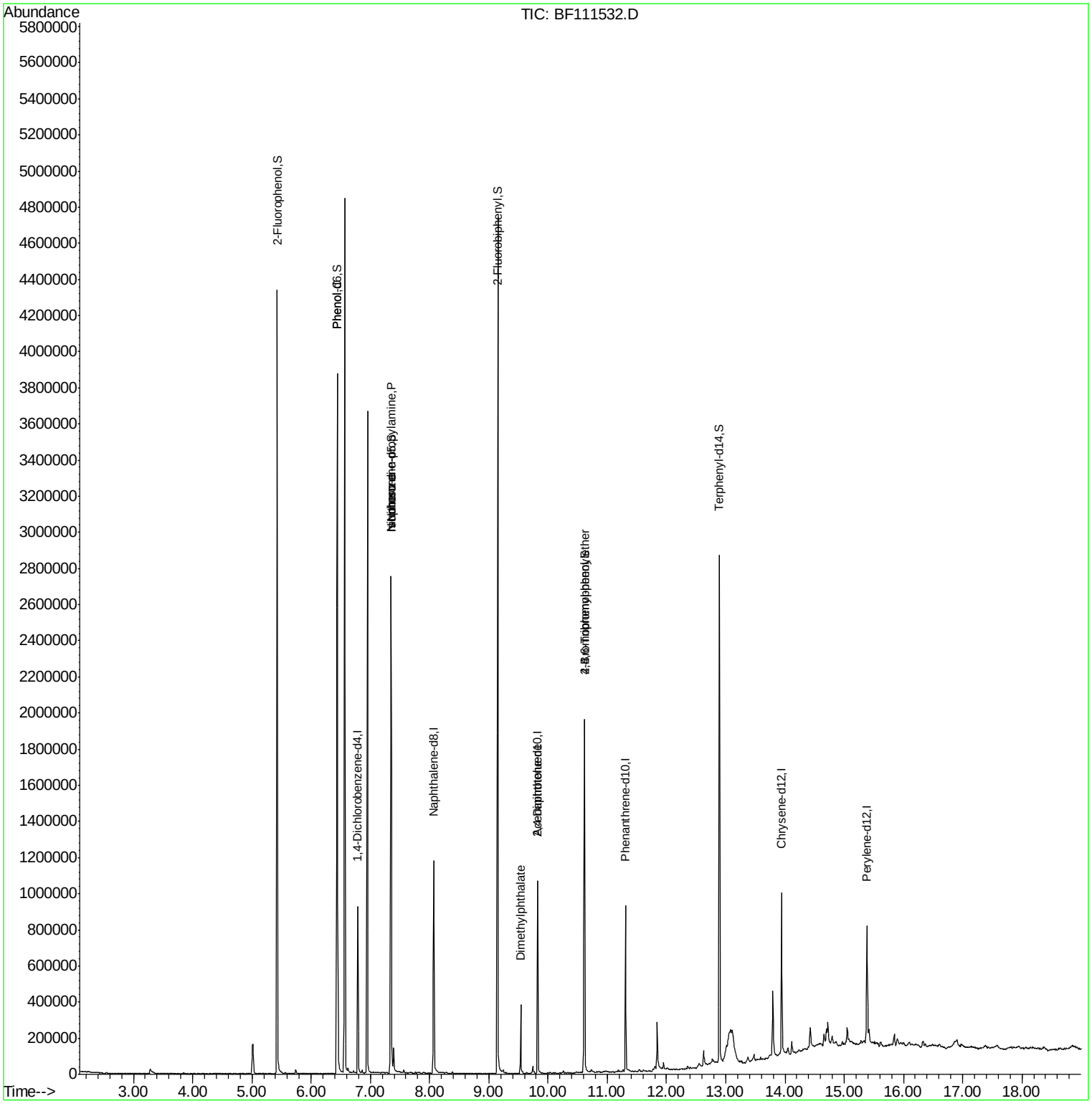
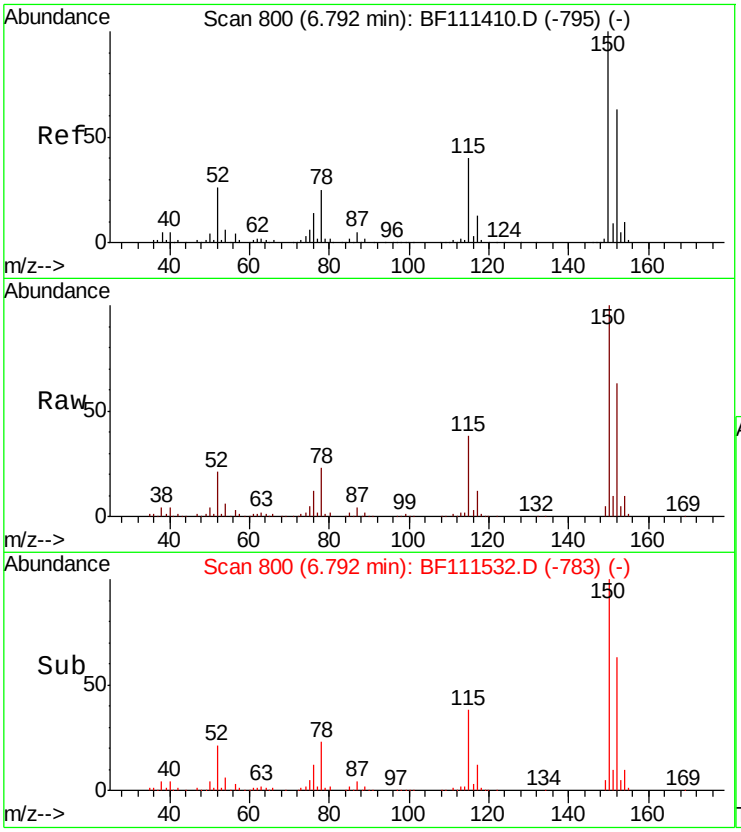
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



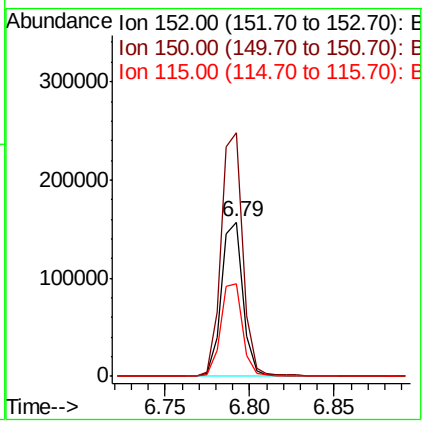


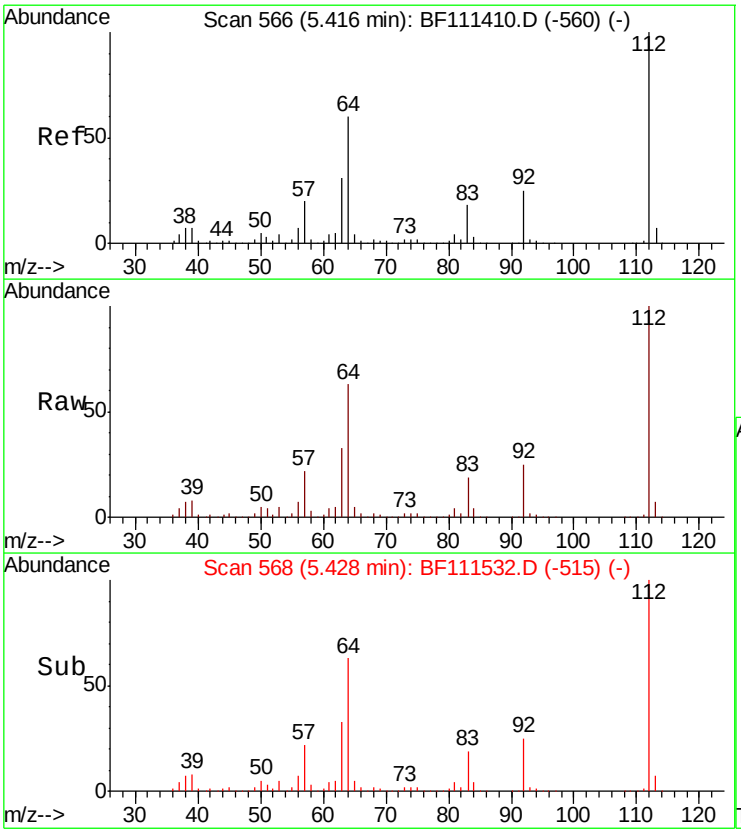
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:152 Resp: 140121

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	59.7	50.7	76.1

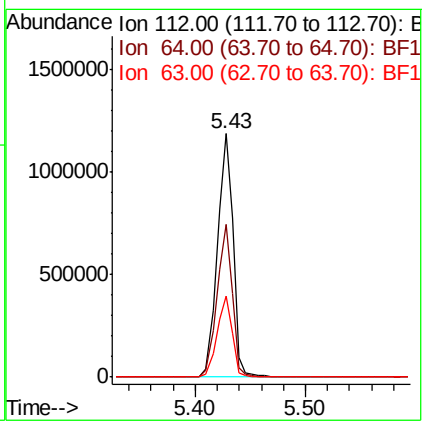


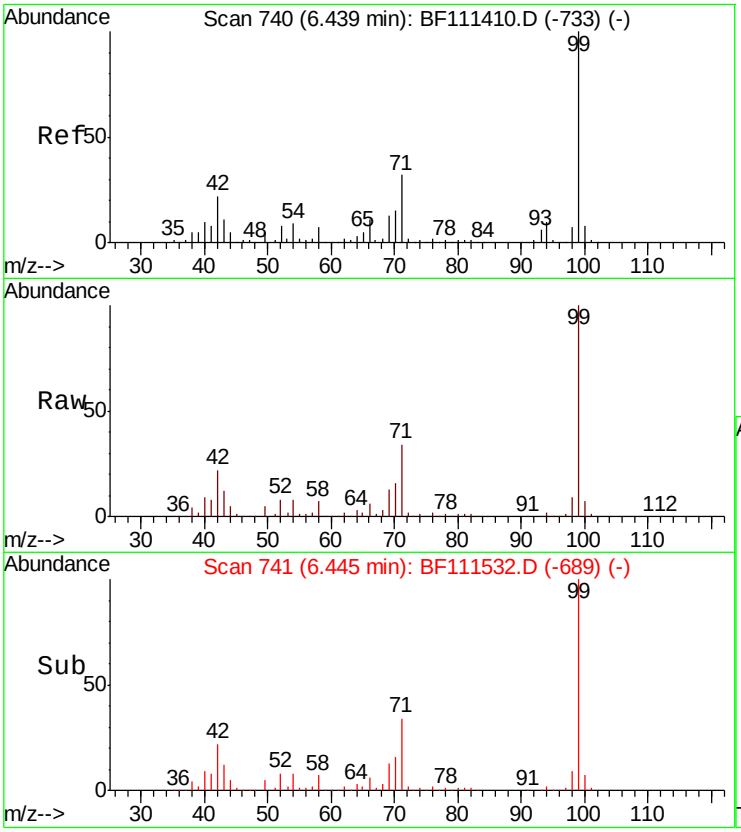


#5
2-Fluorophenol
Concen: 139.302 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:112 Resp: 1172982

Ion	Ratio	Lower	Upper
112	100		
64	62.5	51.8	77.6
63	33.5	26.8	40.2



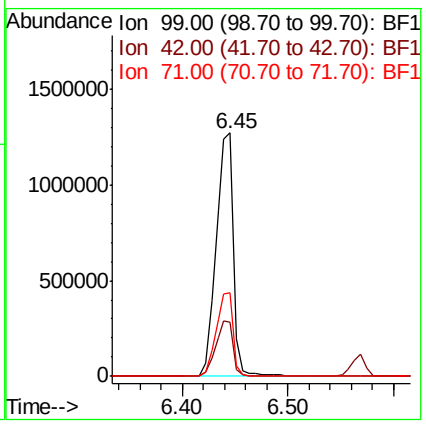


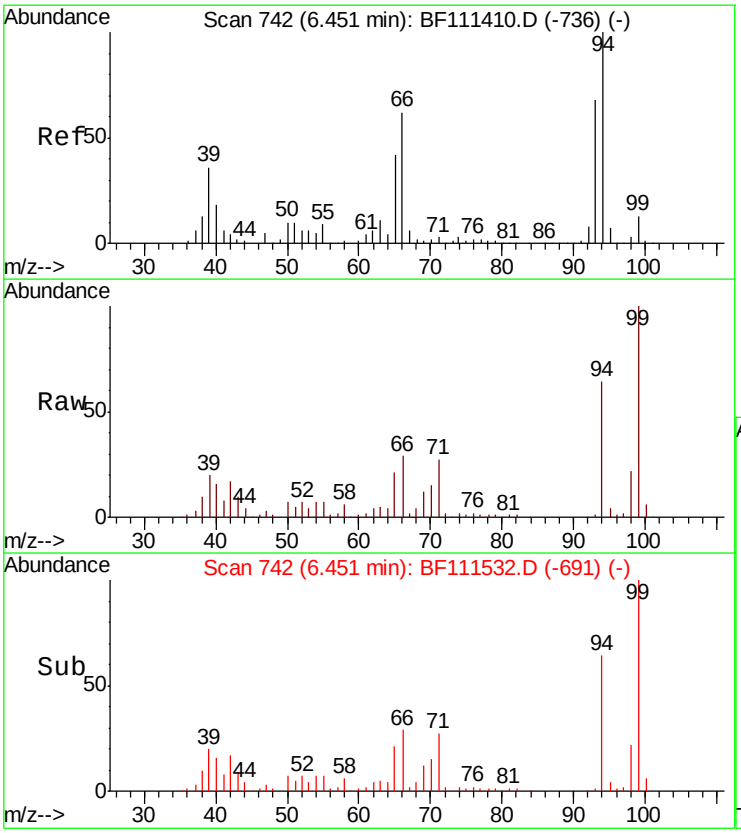
#7
Phenol-d6
Concen: 131.217 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion: 99 Resp: 1469711

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.4	26.0
71	34.1	26.1	39.1

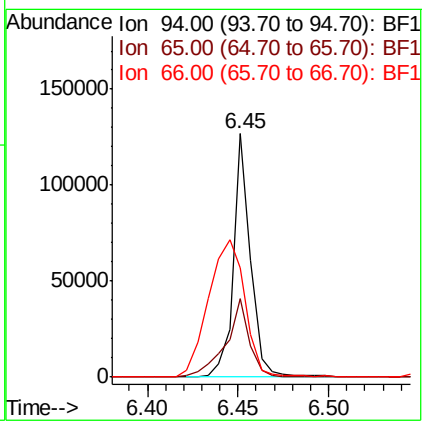


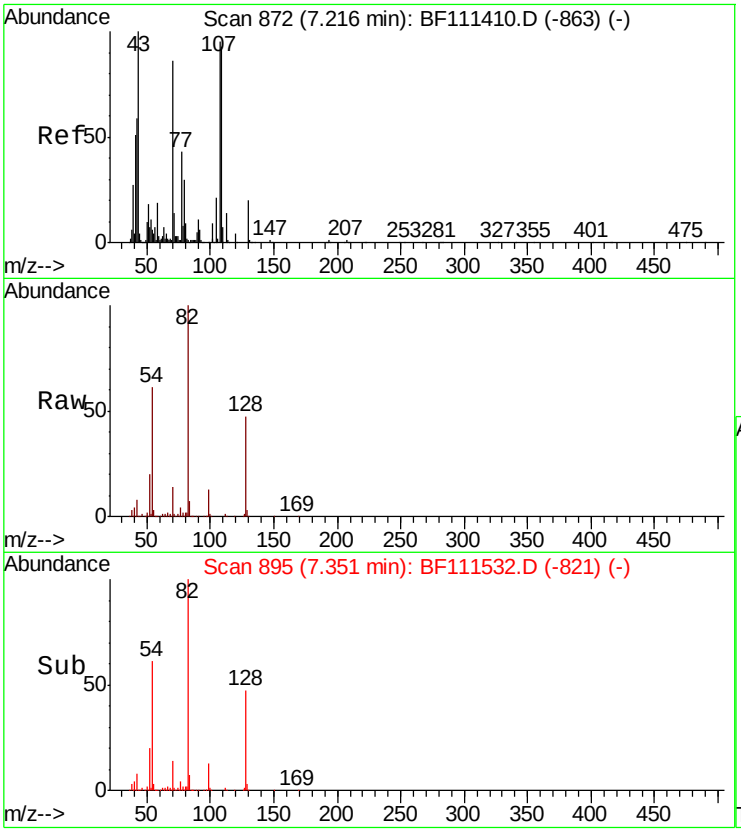


#10
Phenol
Concen: 6.714 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion: 94 Resp: 83769

Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.7	51.7
66	45.1	21.0	61.0



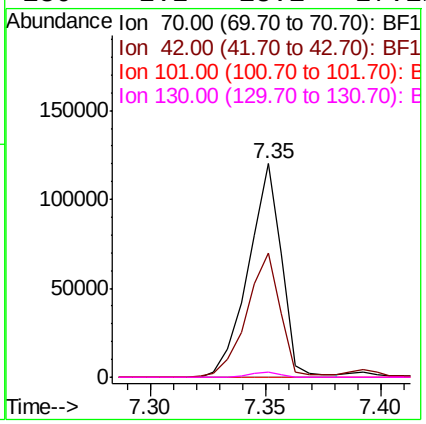


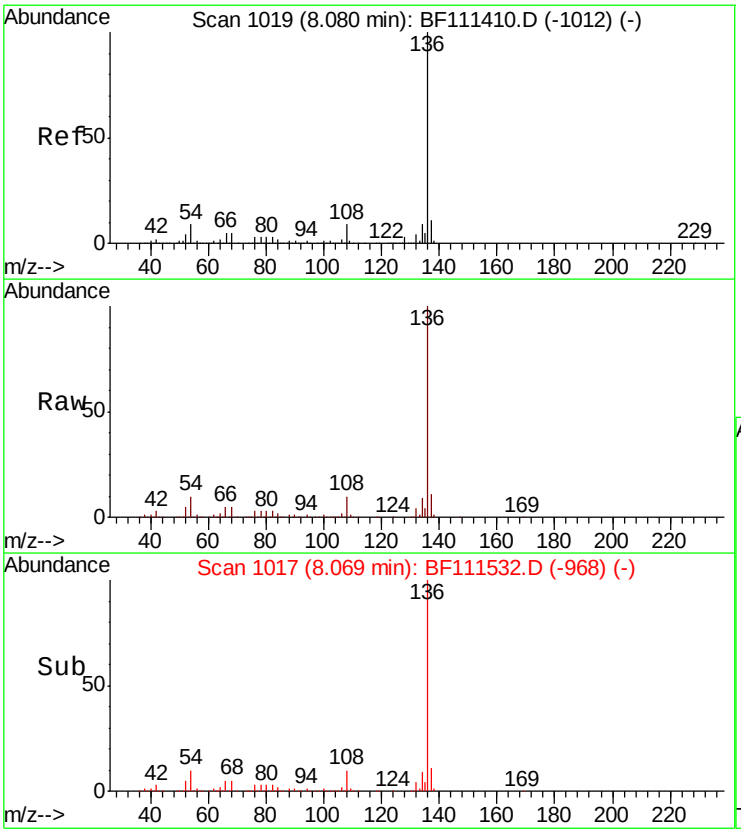
#19
n-Nitroso-di-n-propylamine
Concen: 16.365 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion: 70 Resp: 120933

Ion	Ratio	Lower	Upper
70	100		
42	58.4	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

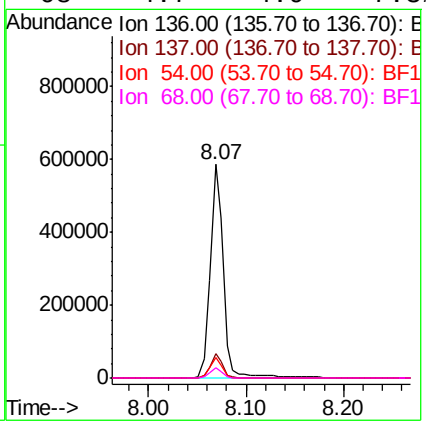


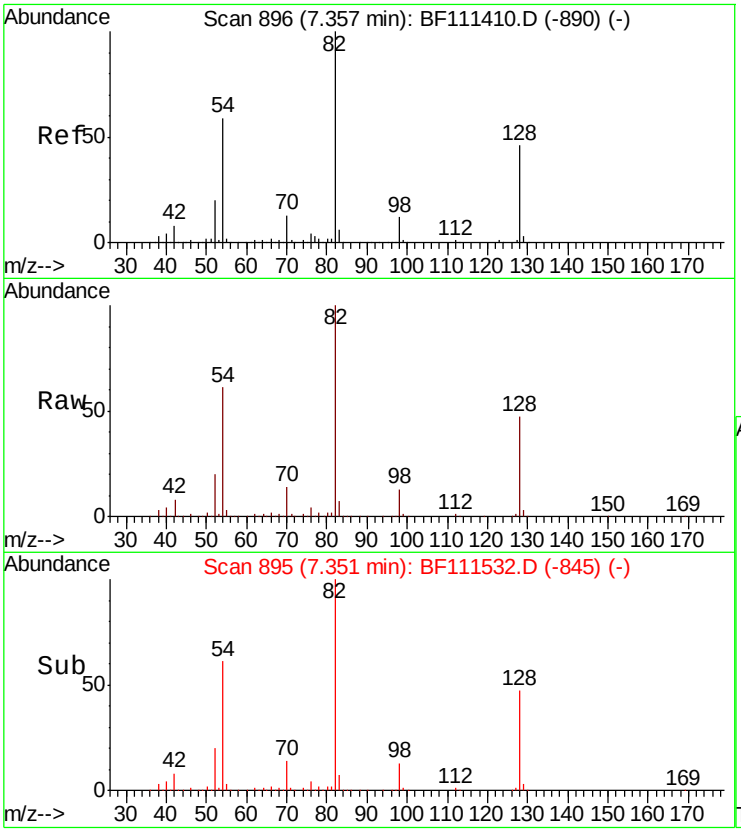


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:136 Resp: 543478

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.6	7.7	11.5
68	4.7	4.9	7.3#



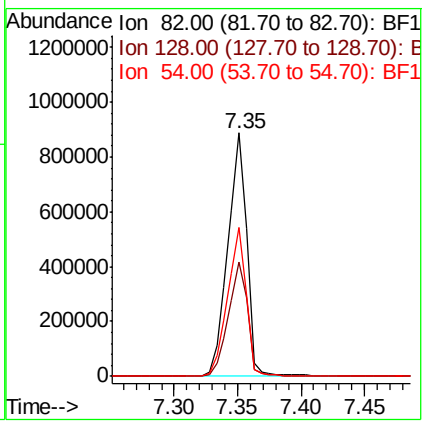


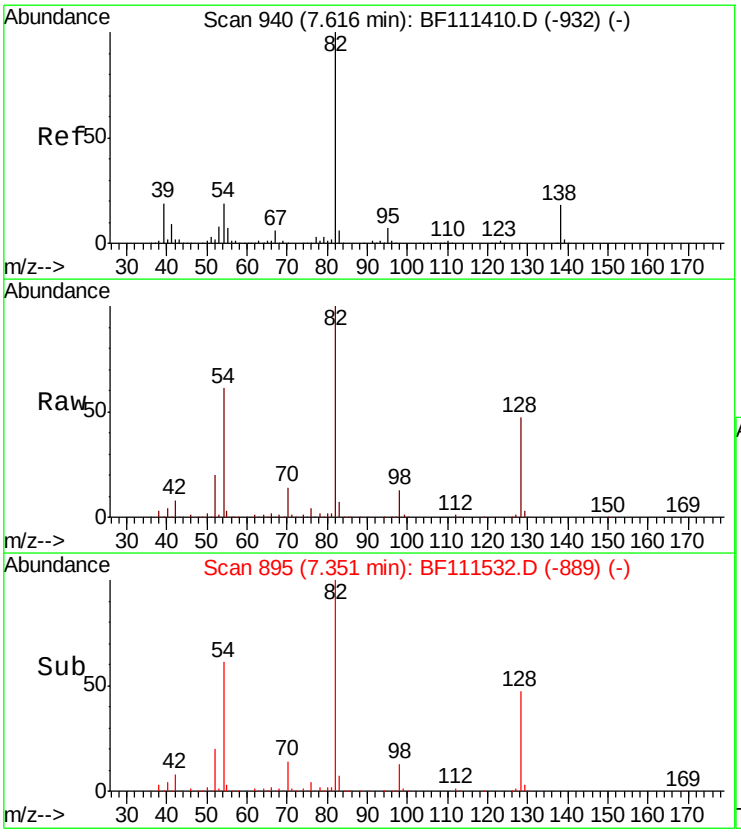
#23
Nitrobenzene-d5
Concen: 100.592 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion: 82 Resp: 918065

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	60.9	47.6	71.4

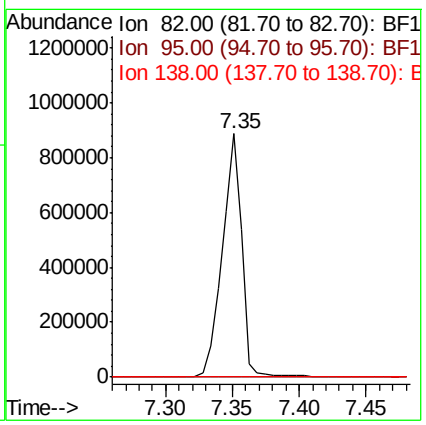


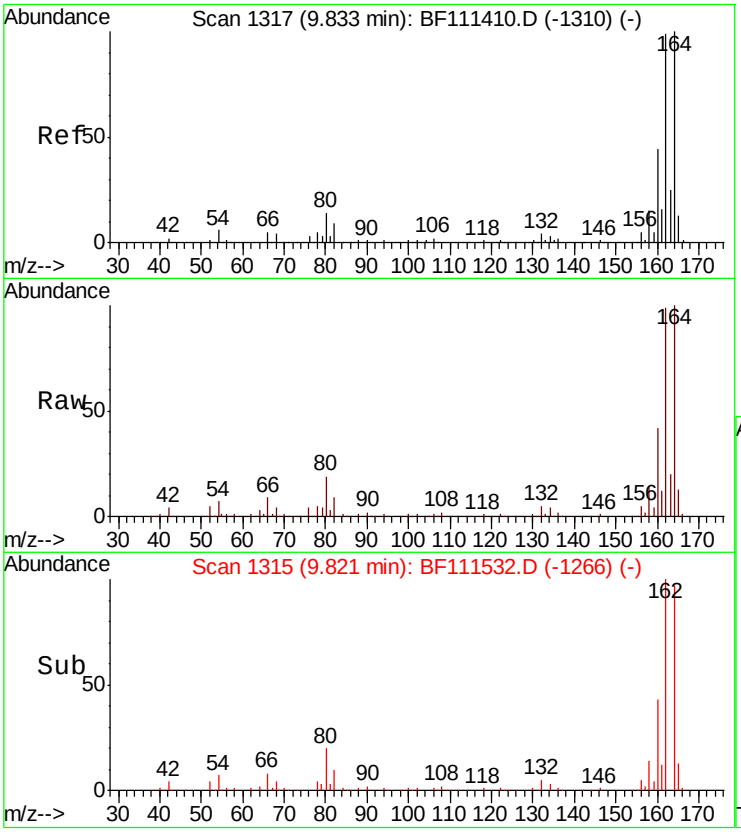


#25
Isophorone
Concen: 59.450 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion: 82 Resp: 918051

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



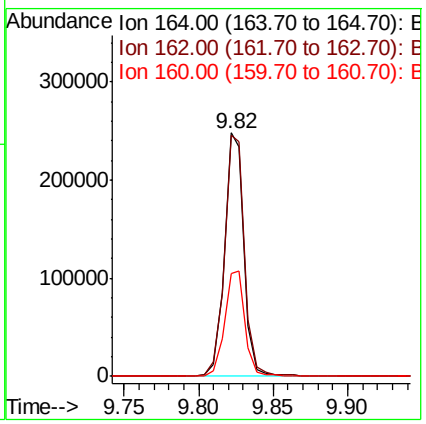


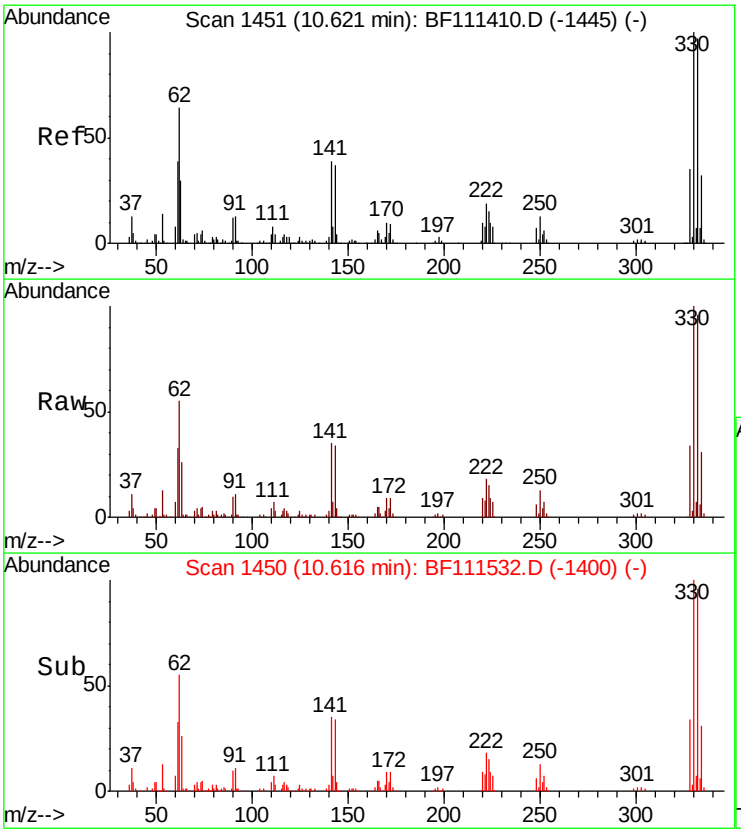
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:164 Resp: 230373

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.0
160	42.1	35.7	53.5

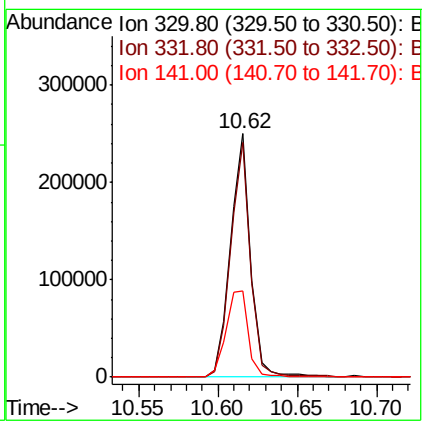


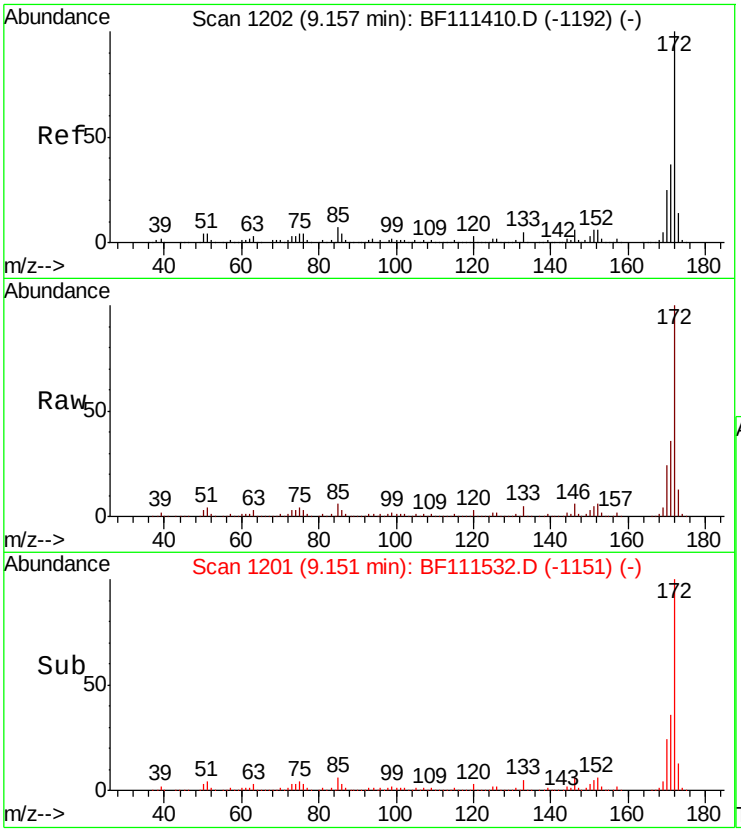


#42
2,4,6-Tribromophenol
Concen: 106.610 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:330 Resp: 220006

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	40.0	31.0	46.6



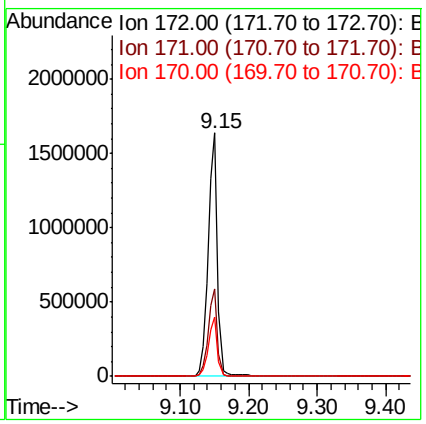


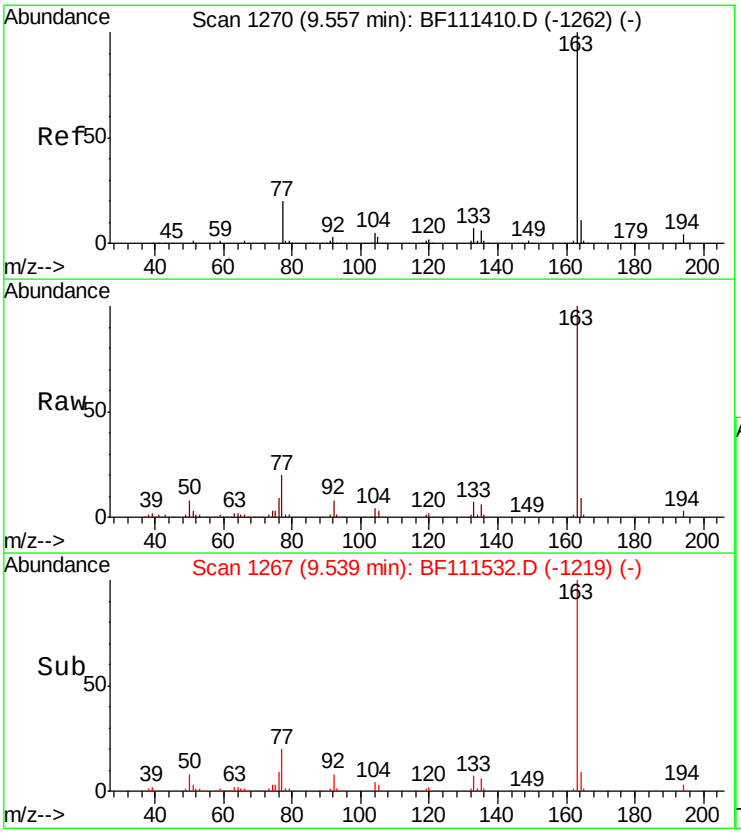
#45
2-Fluorobiphenyl
Concen: 104.901 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:172 Resp: 1564538

Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.2	22.3	33.5

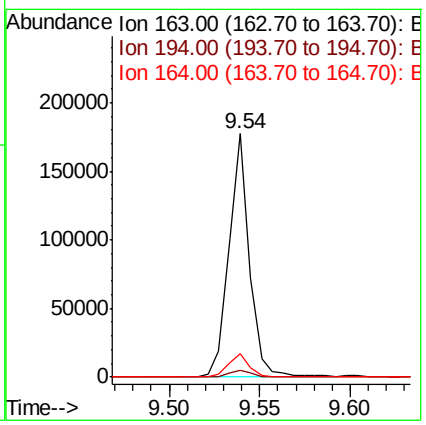


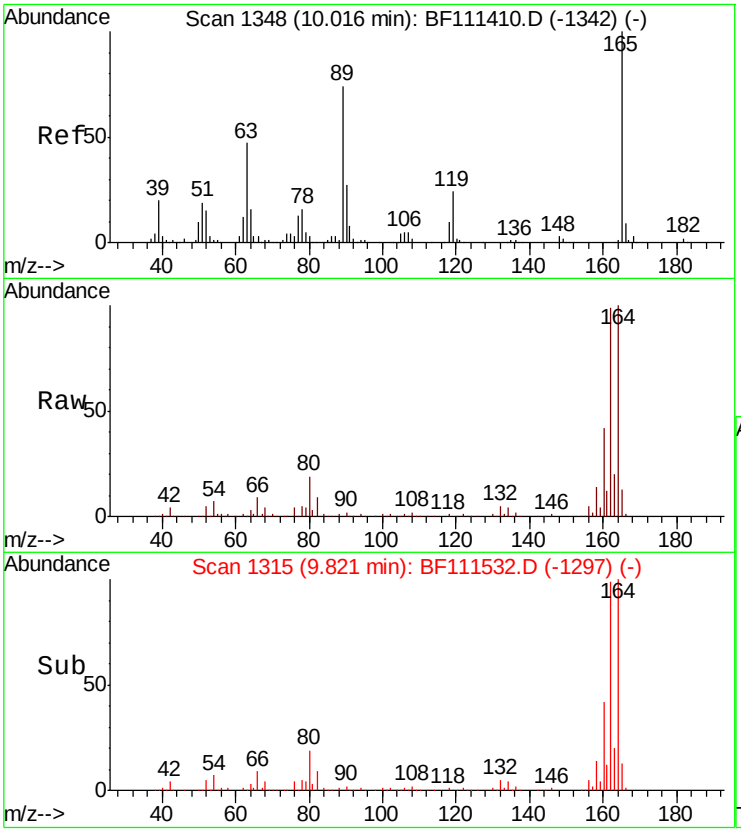


#50
Dimethylphthalate
Concen: 8.488 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:163 Resp: 140827

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.6#
164	9.4	8.9	13.3



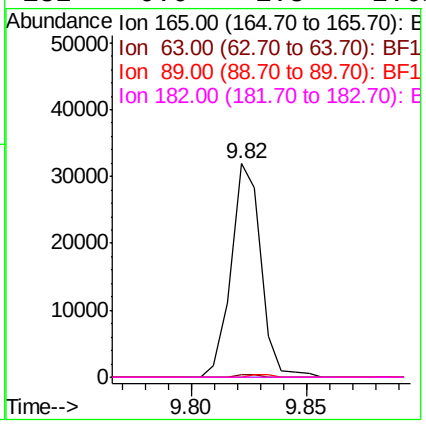


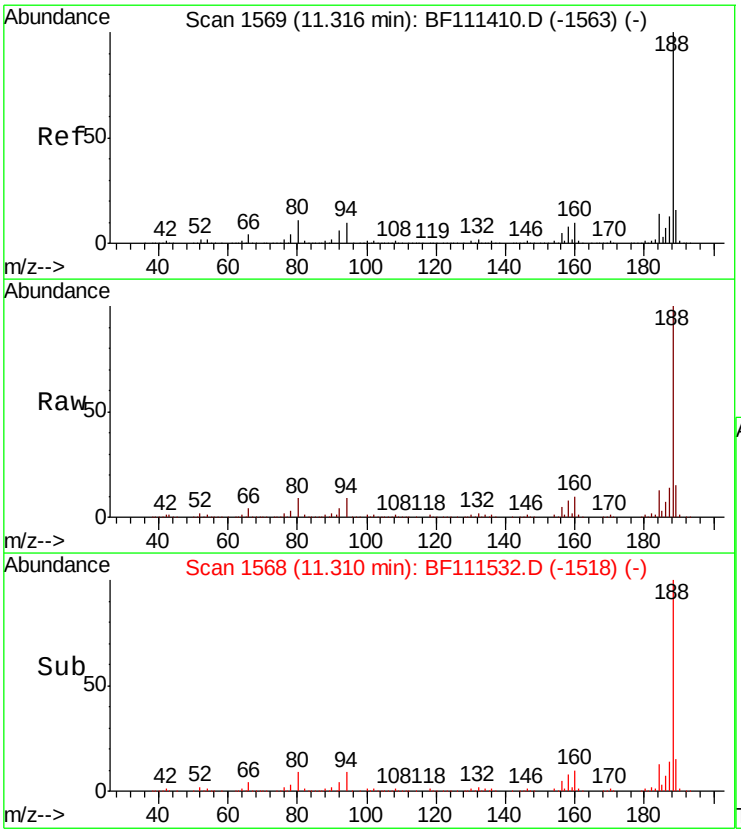
#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:165 Resp: 28719

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.6	52.0#
89	0.0	56.2	84.4#
182	0.0	1.8	2.6#

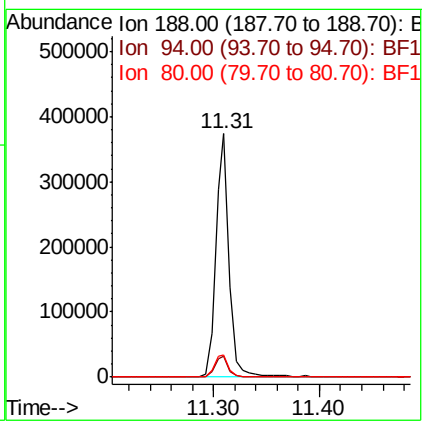


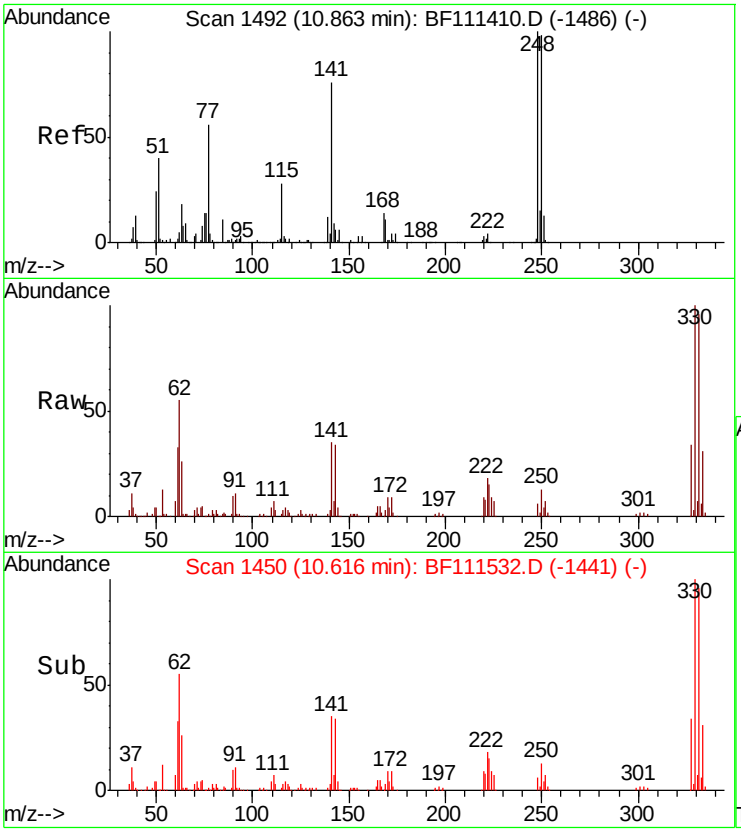


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:188 Resp: 331663

Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.0	9.8	14.6#



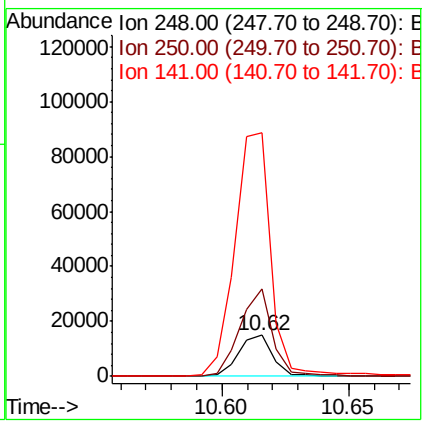


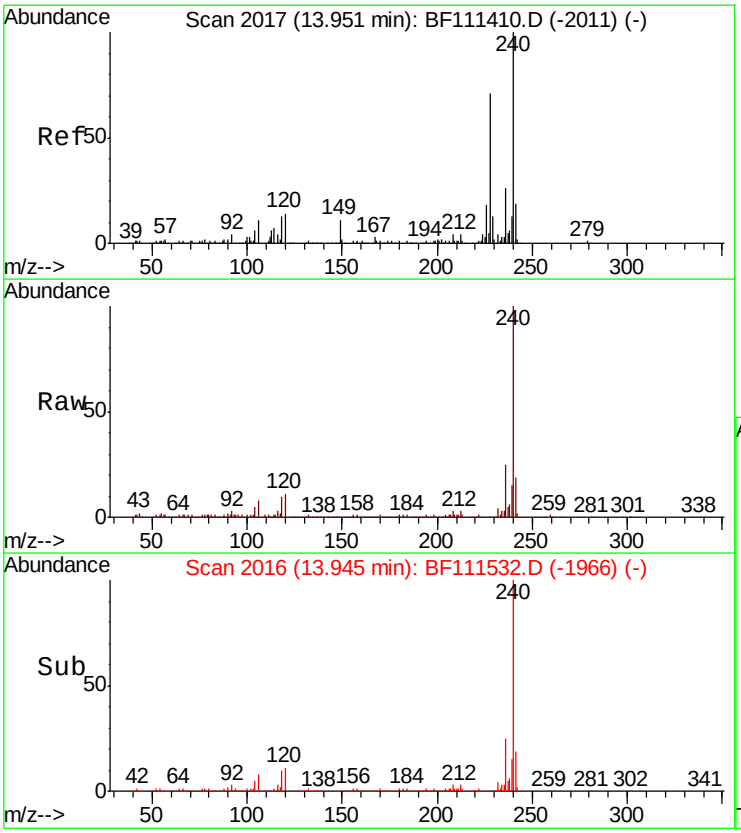
#67
4-Bromophenyl-phenylether
Concen: 3.909 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:248 Resp: 13975

Ion	Ratio	Lower	Upper
248	100		
250	215.2	77.0	115.4#
141	595.0	63.0	94.6#

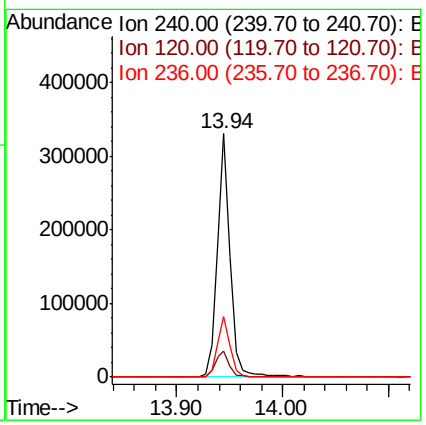


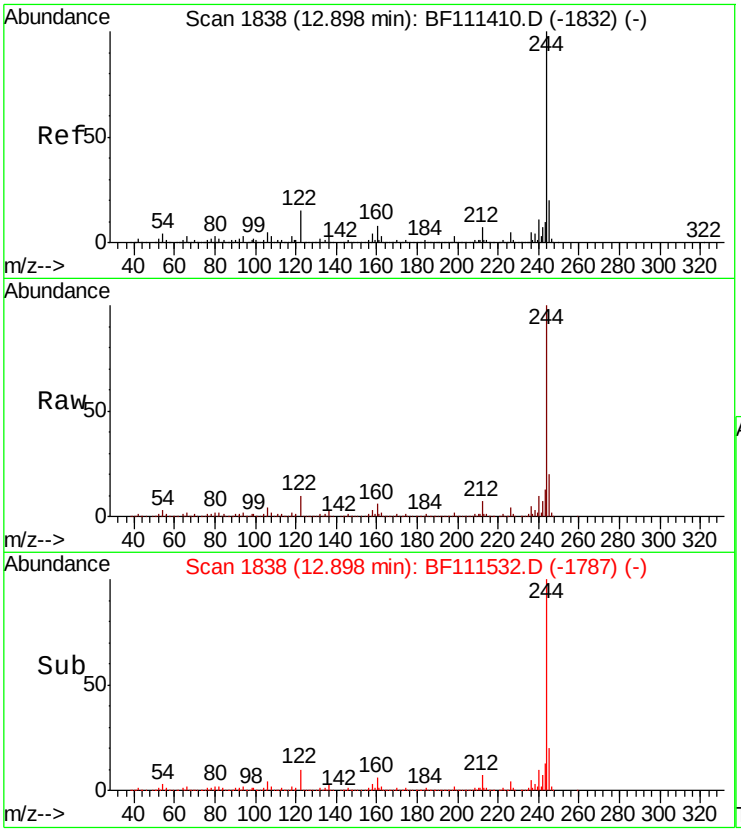


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:240 Resp: 287569

Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.2	18.2#
236	24.7	20.2	30.2



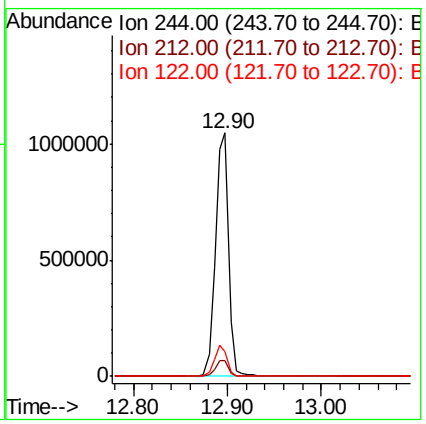


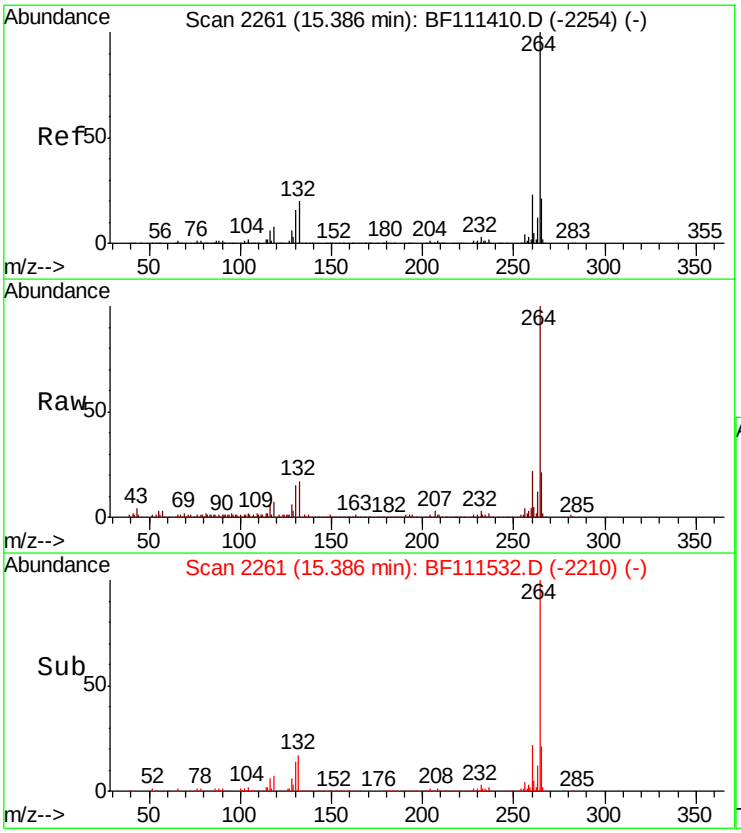
#79
Terphenyl-d14
Concen: 83.938 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Instrument :
BNA_F
ClientSampleId :
P001-SS005-0612-01

Tgt Ion:244 Resp: 1027913

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	10.3	13.1	19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111532.D
Acq: 17 Dec 2018 11:52

Tgt Ion:264 Resp: 288204

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.3	27.5
265	20.8	17.7	26.5