Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111509.D
Acq On : 16 Dec 2018 15:32
Operator : JU/SJ
Sample : J6386-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1824-01

Quant Time: Dec 17 06:40:38 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	270361	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1094841	20.00	ng		-0.01
39) Acenaphthene-d10	9.82	164	500470	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	572084	20.00	ng		-0.01
76) Chrysene-d12	13.94	240	398382	20.00	ng		0.00
87) Perylene-d12	15.38	264	465188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1385138	85.25	ng		0.00
7) Phenol-d6	6.43	99	2025753	93.74	ng		0.00
23) Nitrobenzene-d5	7.35	82	1351030	73.48	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	296148	66.06	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	2271910	70.12	ng		-0.01
79) Terphenyl-d14	12.89	244	1108525	65.34	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	148977	6.188	ng		89
19) n-Nitroso-di-n-propylamine	7.35	70	177047	12.417	ng	#	75
25) Isophorone	7.35	82	1347380	43.312	ng	#	64
50) Dimethylphthalate	9.53	163	227103	6.301	ng		97
57) 2,4-Dinitrotoluene	9.82	165	65103	6.114	ng	#	24
67) 4-Bromophenyl-phenylether	10.61	248	19787	3.209	ng	#	1
78) Pyrene	12.74	202	83911	2.988	ng		94
88) Benzo(b)fluoranthene	14.97	252	56113	2.069	ng	#	60
89) Benzo(k)fluoranthene	14.97	252	56113	2.165	ng	#	60

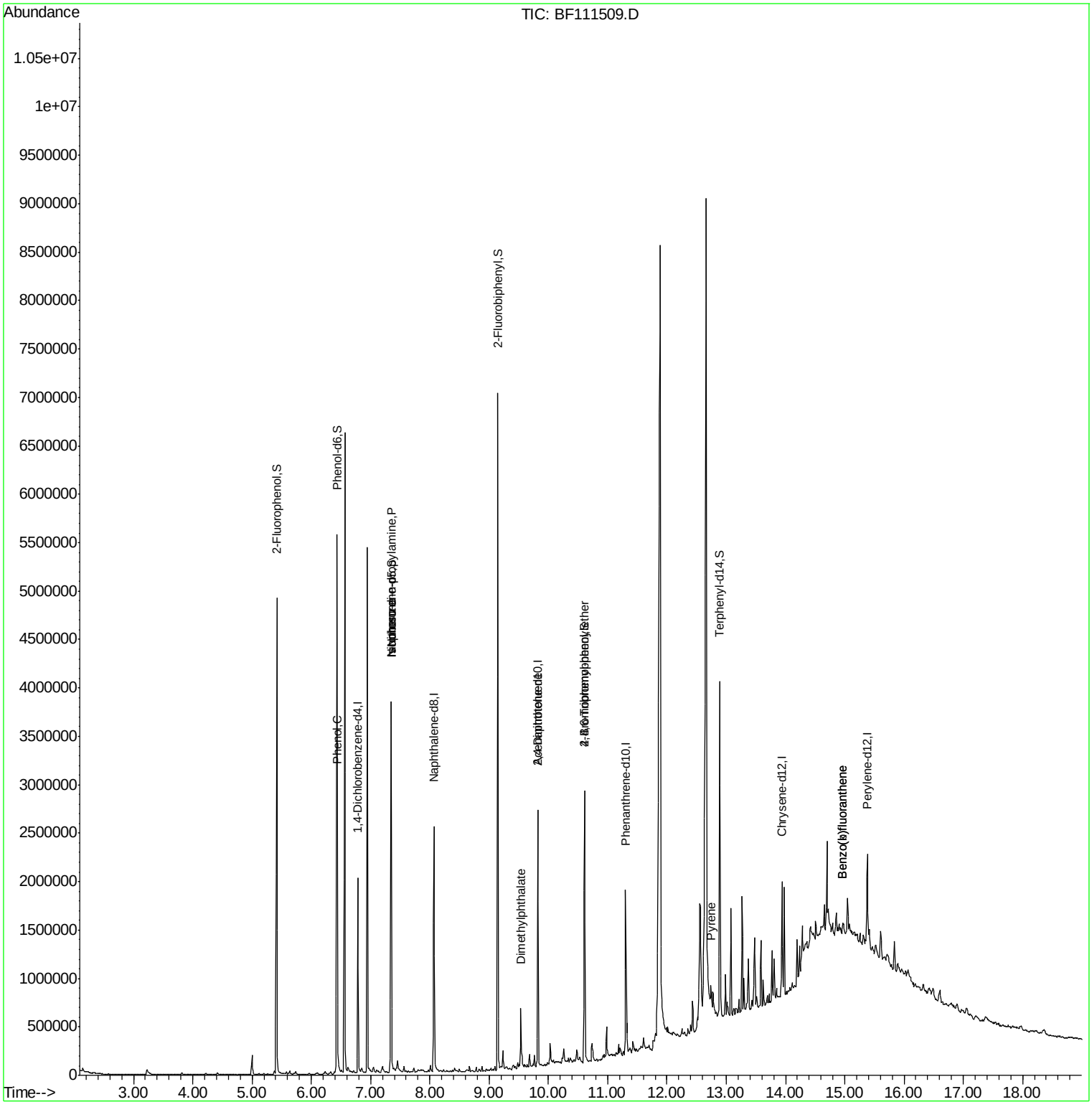
(#) = qualifier out of range (m) = manual integration (+) = signals summed

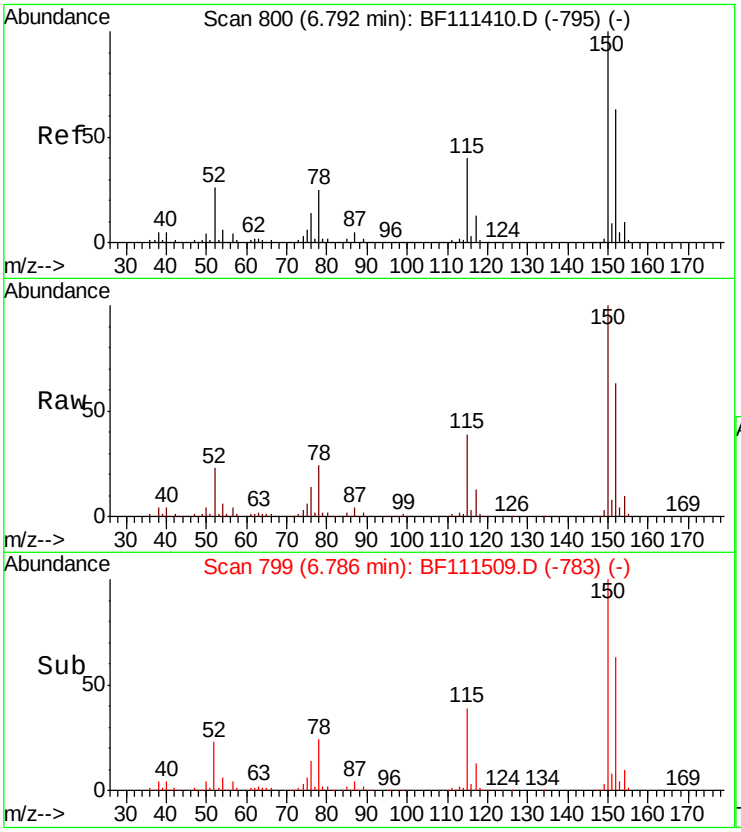
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
Data File : BF111509.D
Acq On : 16 Dec 2018 15:32
Operator : JU/SJ
Sample : J6386-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Quant Time: Dec 17 06:40:38 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



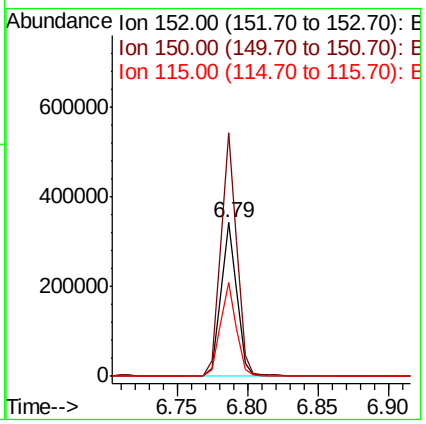


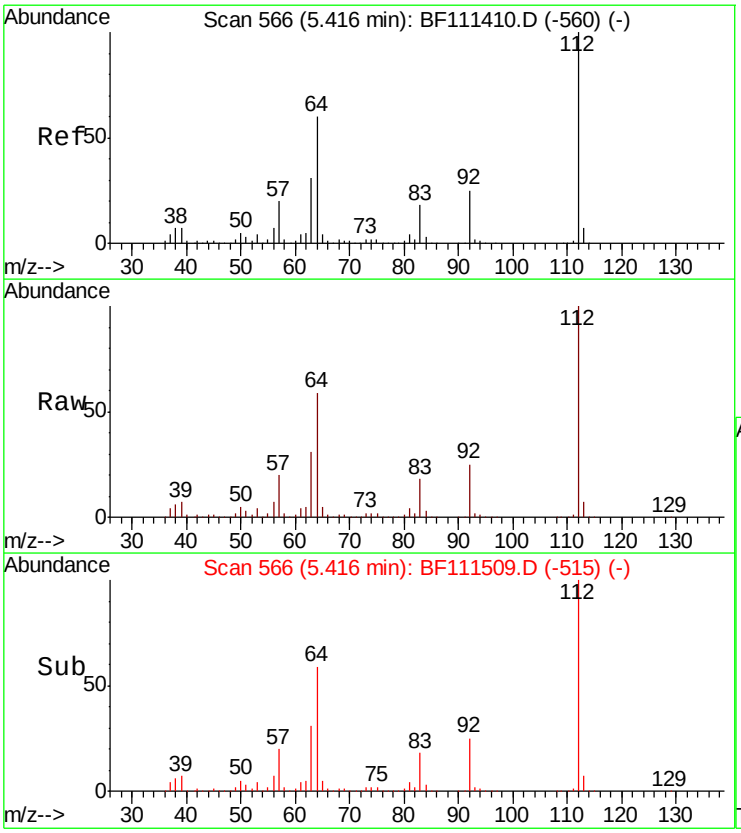
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:152 Resp: 270361

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	61.3	50.7	76.1

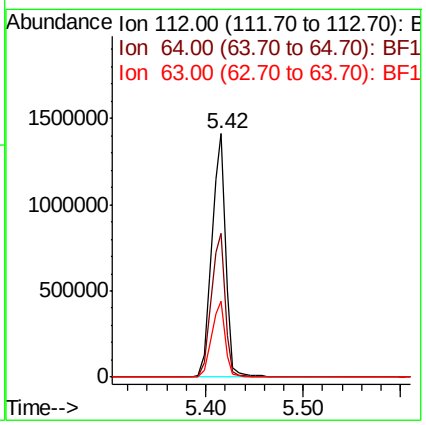


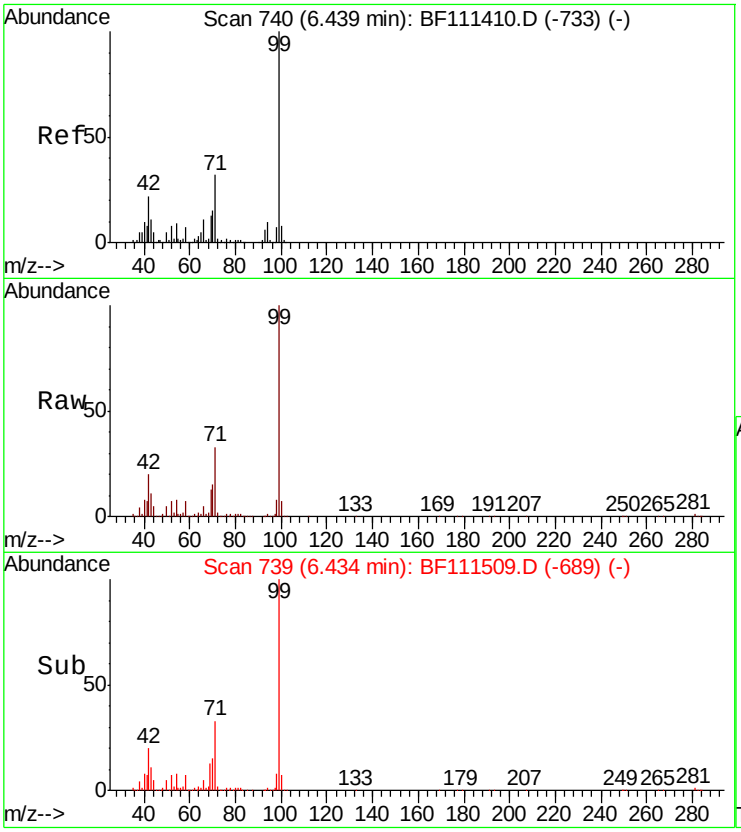


#5
2-Fluorophenol
Concen: 85.255 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:112 Resp: 1385138

Ion	Ratio	Lower	Upper
112	100		
64	58.8	51.8	77.6
63	31.3	26.8	40.2



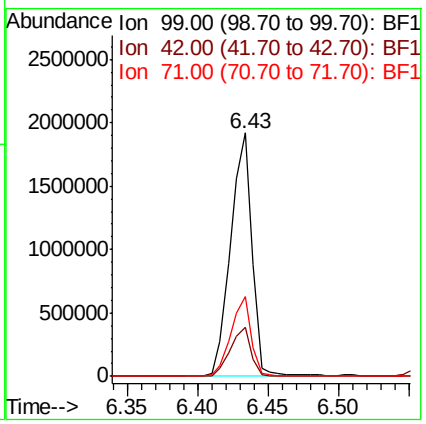


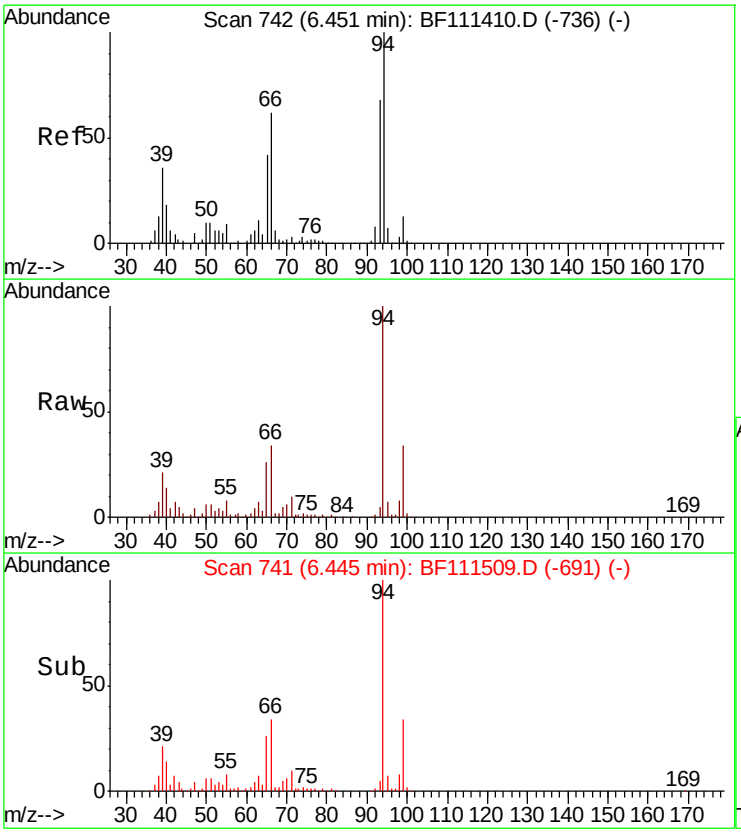
#7
Phenol-d6
Concen: 93.735 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion: 99 Resp: 2025753

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.4	26.0
71	32.5	26.1	39.1

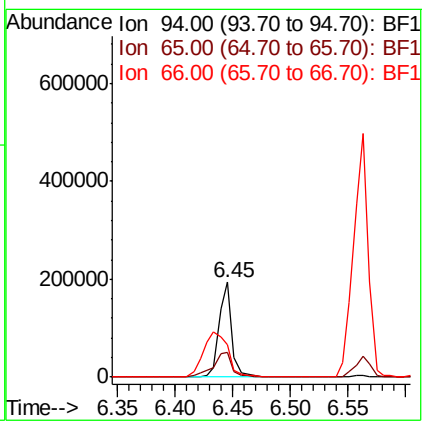


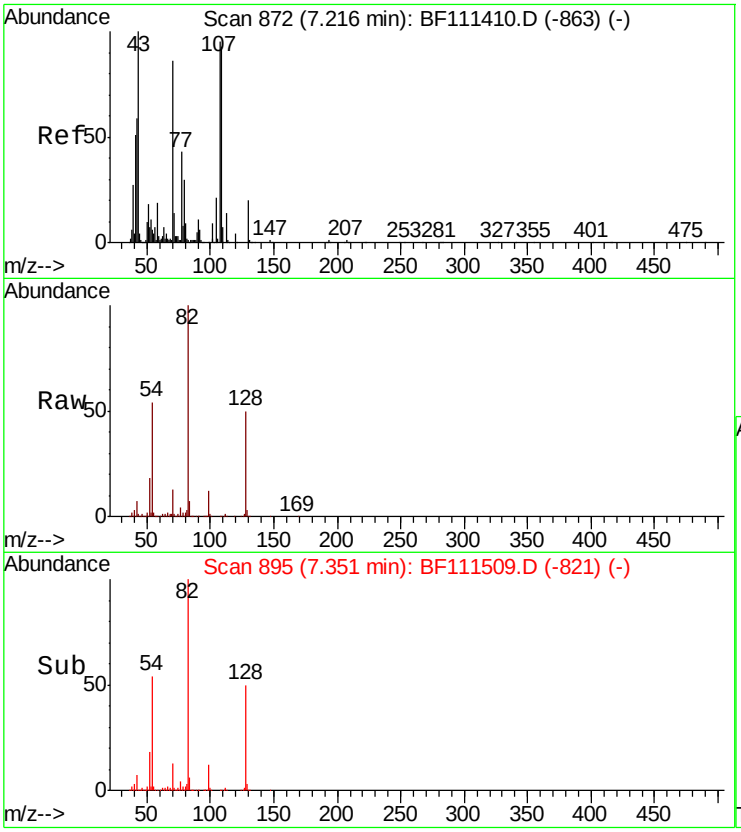


#10
Phenol
Concen: 6.188 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion: 94 Resp: 148977

Ion	Ratio	Lower	Upper
94	100		
65	26.4	11.7	51.7
66	33.8	21.0	61.0



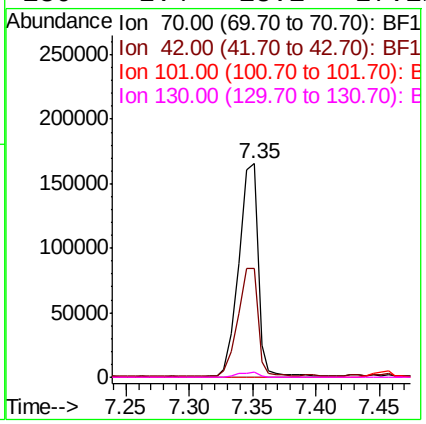


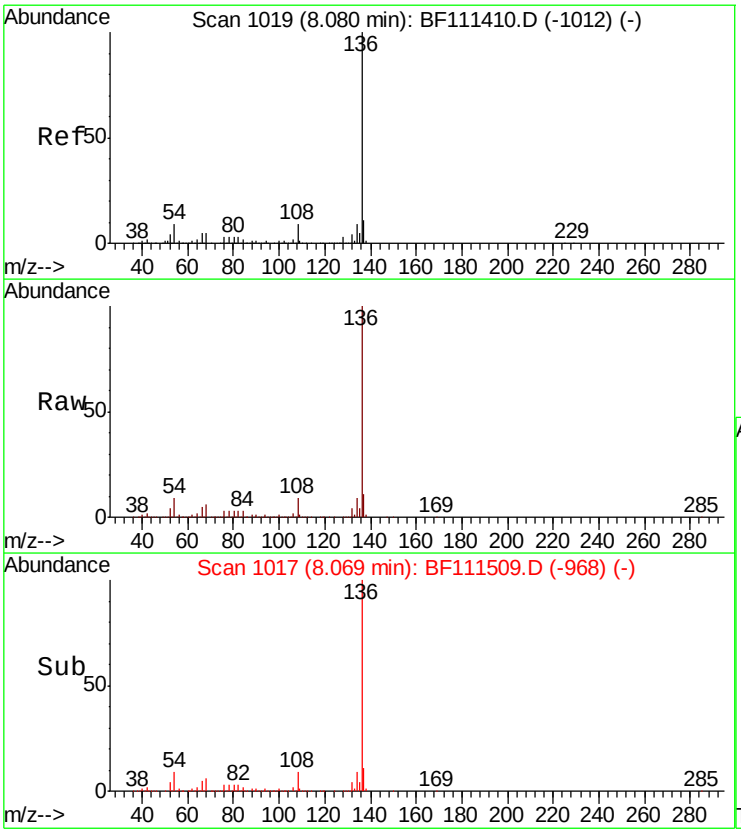
#19
n-Nitroso-di-n-propylamine
Concen: 12.417 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion: 70 Resp: 177047

Ion	Ratio	Lower	Upper
70	100		
42	51.2	53.2	79.8#
101	0.0	8.2	12.4#
130	2.4	18.1	27.1#

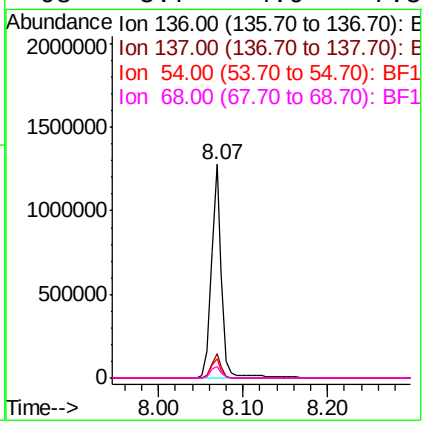


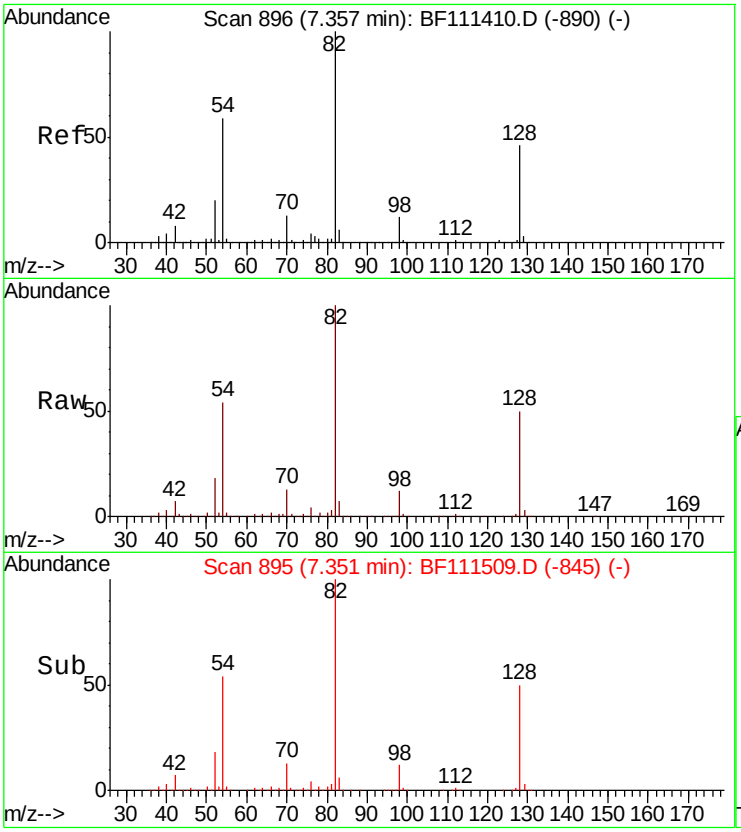


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:136 Resp: 1094841

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



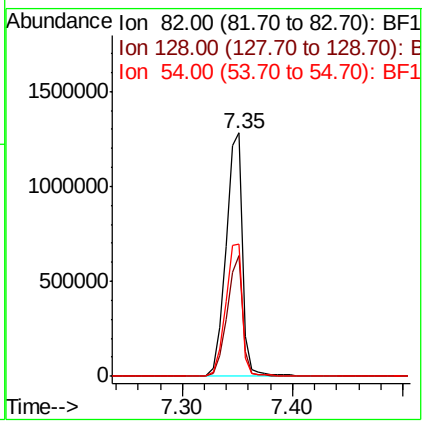


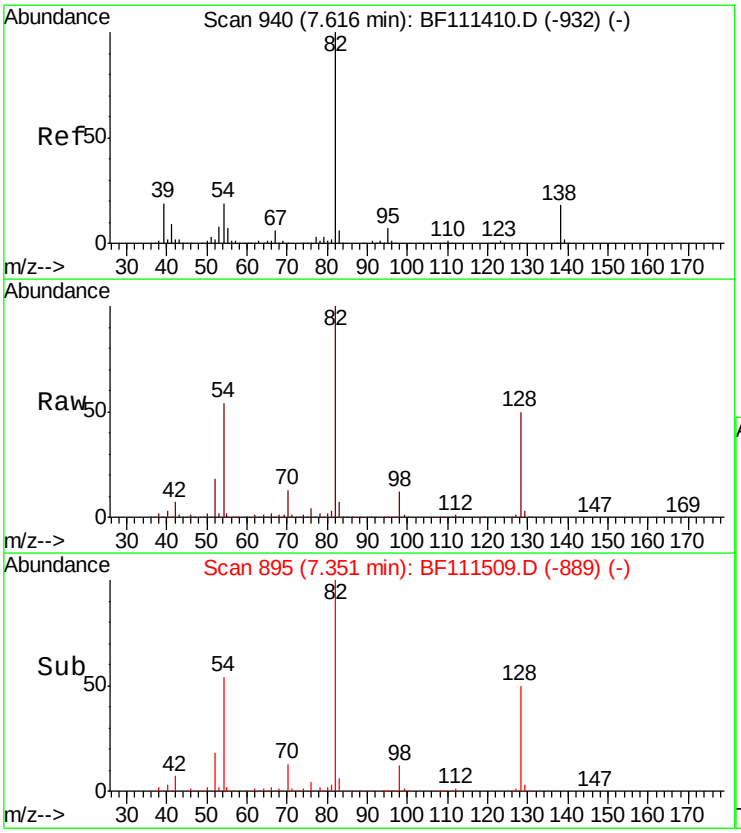
#23
Nitrobenzene-d5
Concen: 73.483 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion: 82 Resp: 1351030

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.4	56.2
54	54.5	47.6	71.4

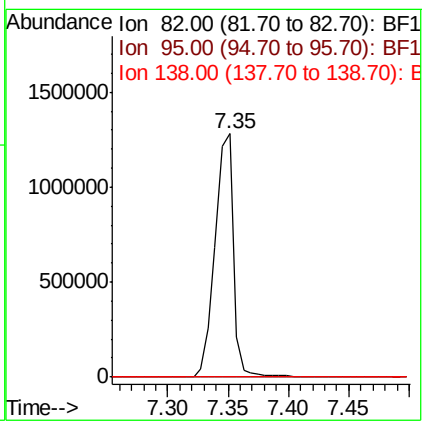


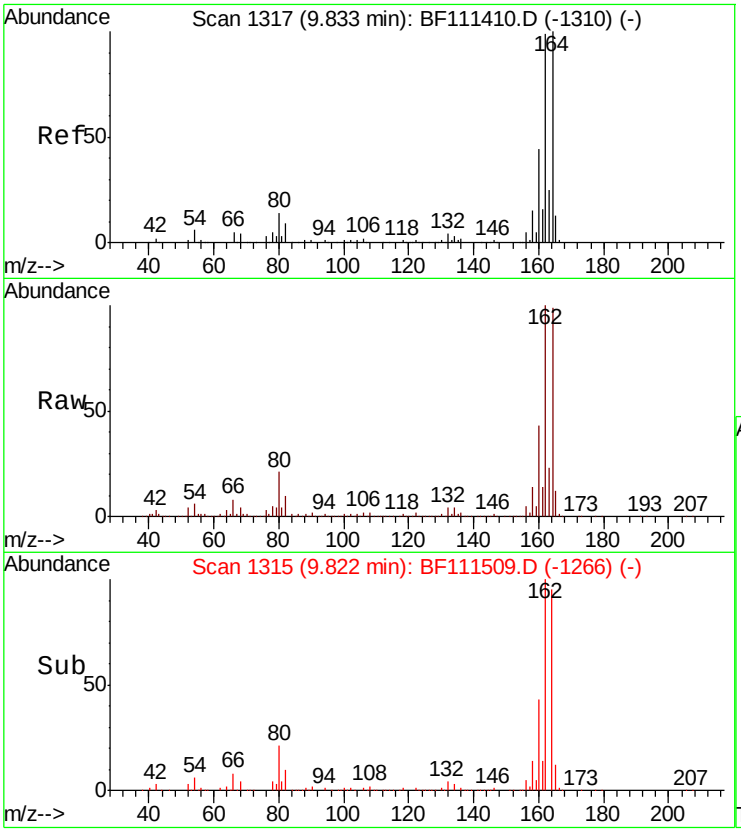


#25
Isophorone
Concen: 43.312 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion: 82 Resp: 1347380

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



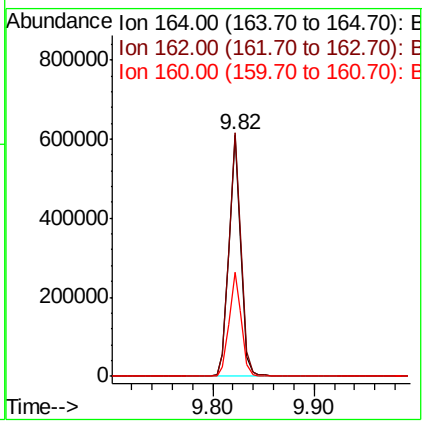


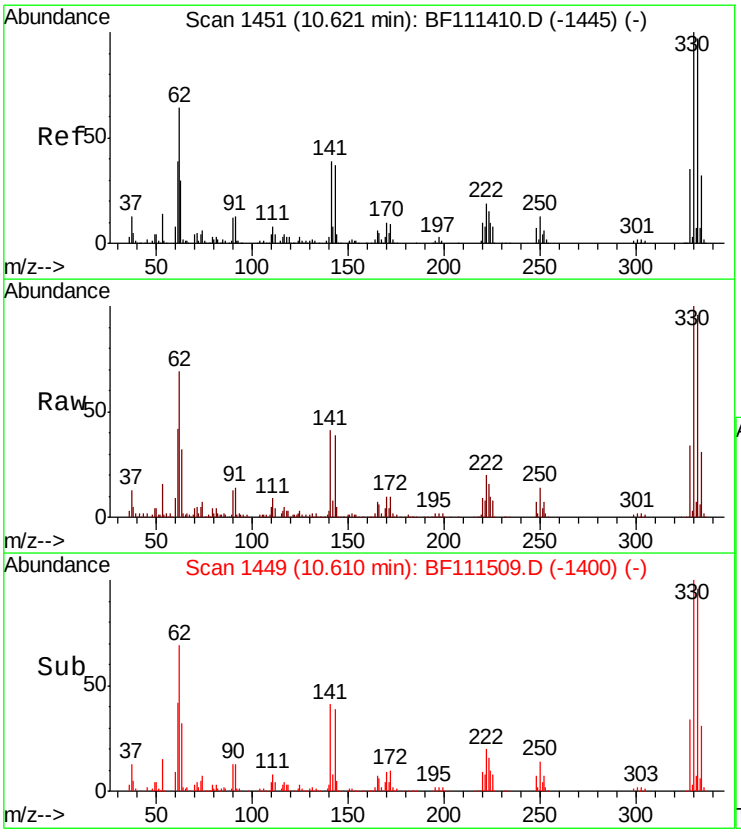
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:164 Resp: 500470

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	43.1	35.7	53.5

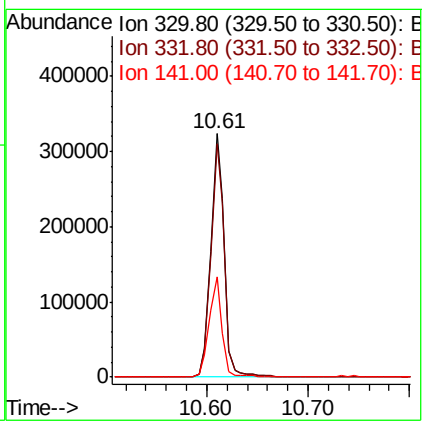


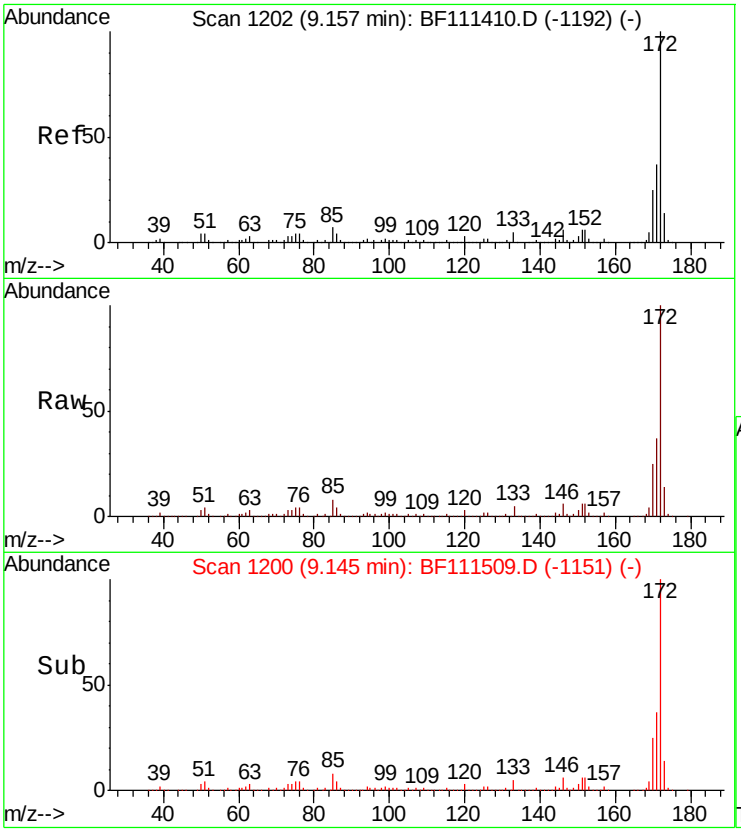


#42
2,4,6-Tribromophenol
Concen: 66.058 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:330 Resp: 296148

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	38.8	31.0	46.6



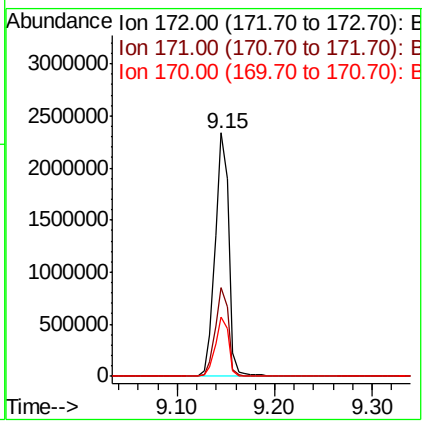


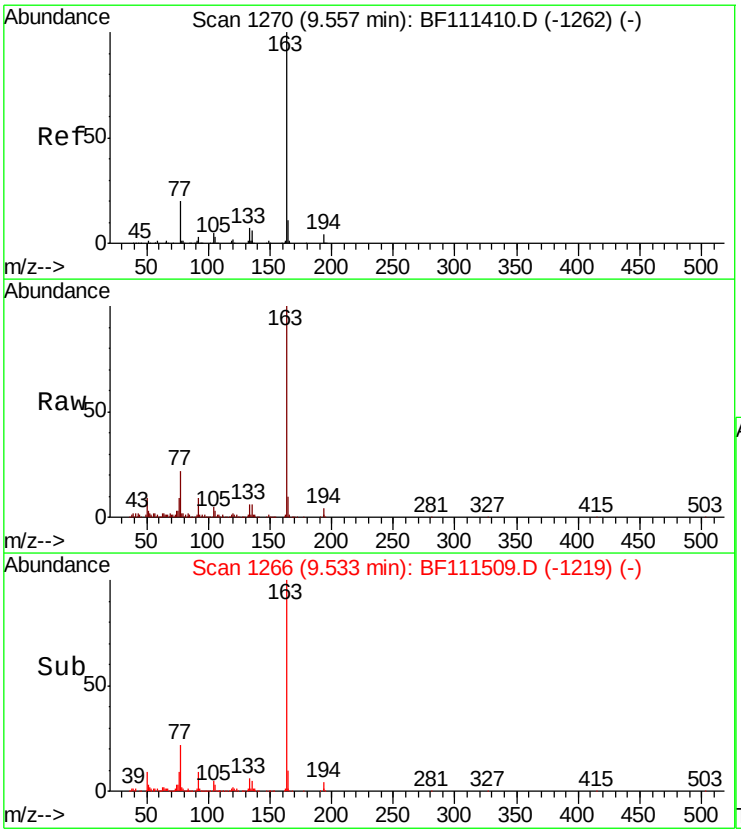
#45
2-Fluorobiphenyl
Concen: 70.120 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:172 Resp: 2271910

Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	24.5	22.3	33.5

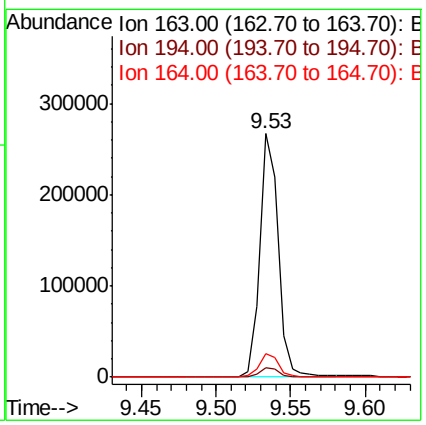


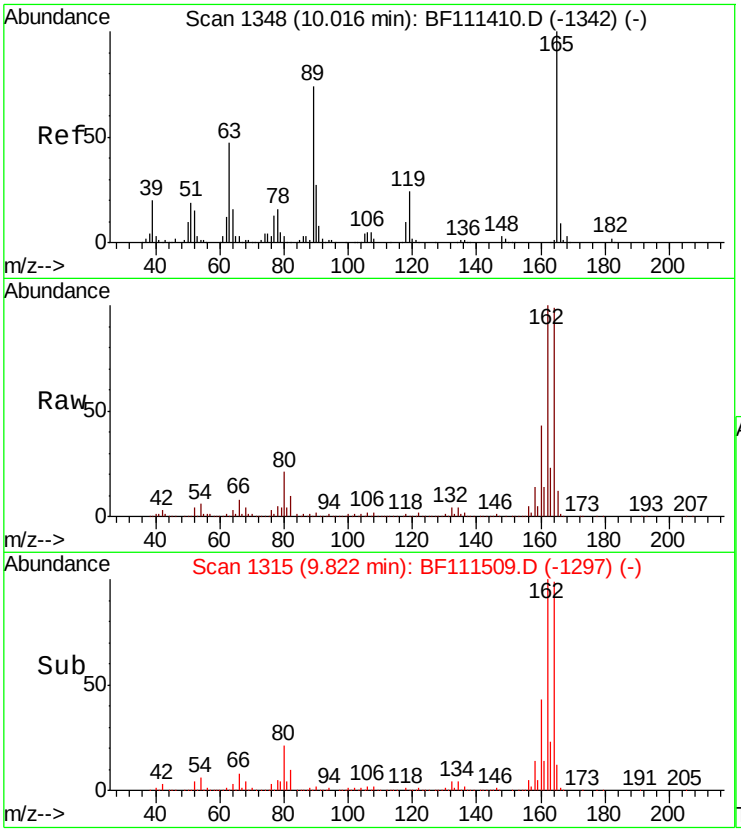


#50
Dimethylphthalate
Concen: 6.301 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:163 Resp: 227103

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	8.9	13.3



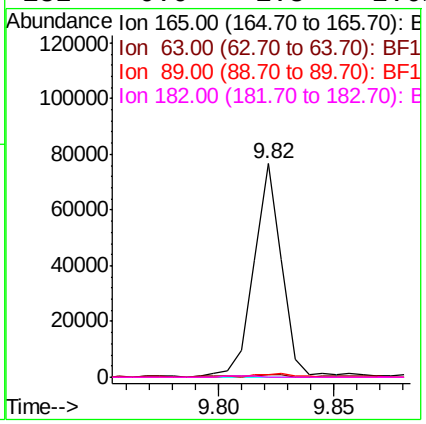


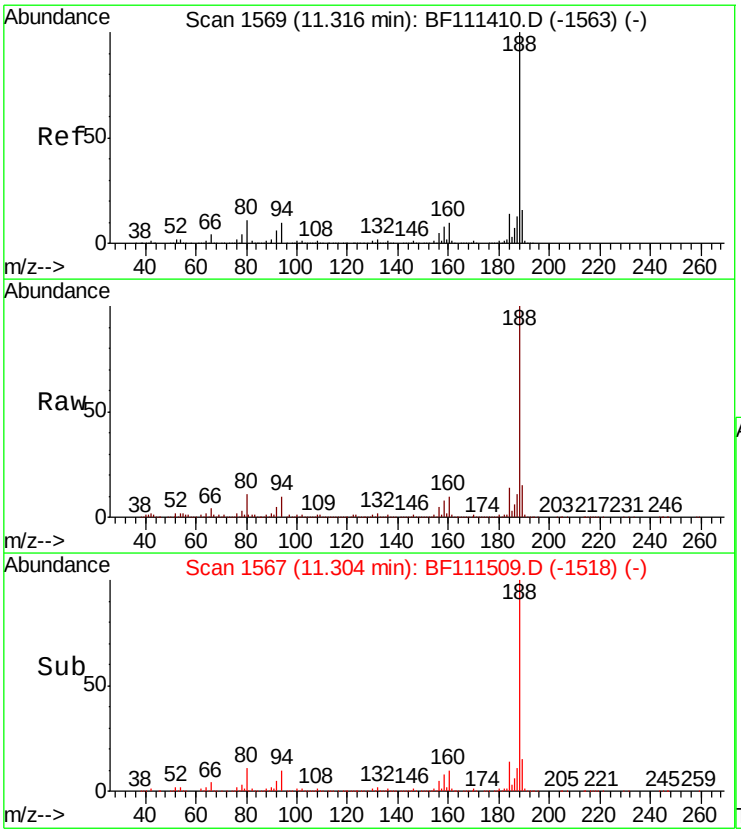
#57
2,4-Dinitrotoluene
Concen: 6.114 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:165 Resp: 65103

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#

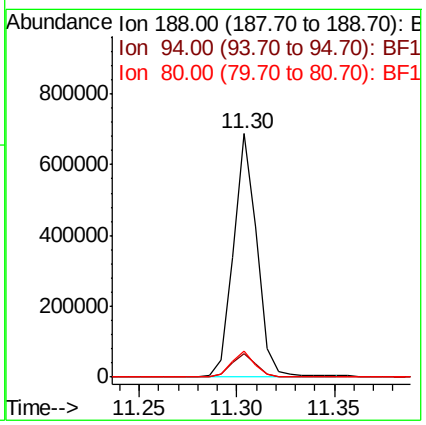


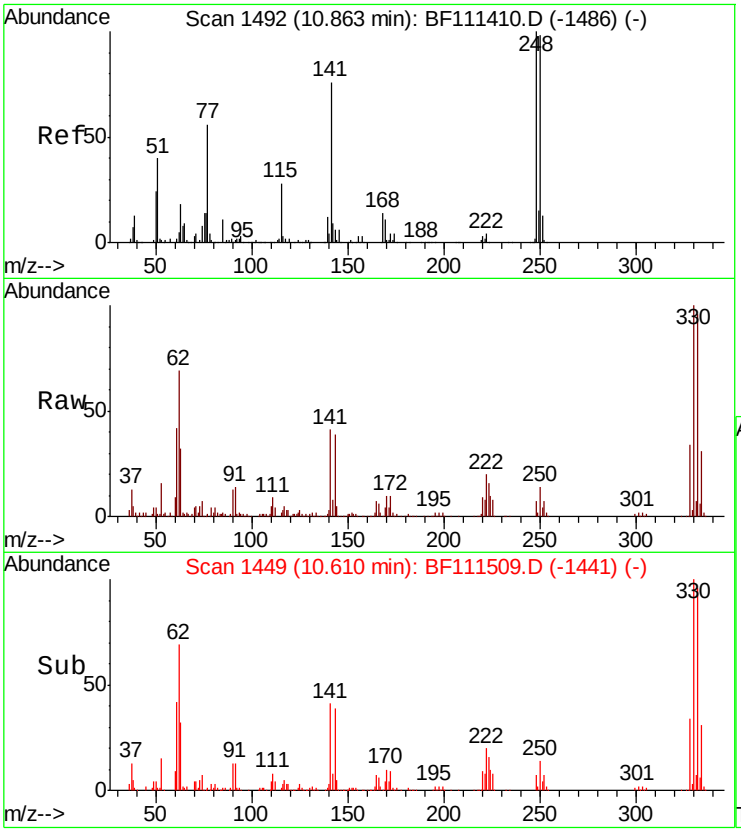


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:188 Resp: 572084

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.6	14.4
80	10.9	9.8	14.6



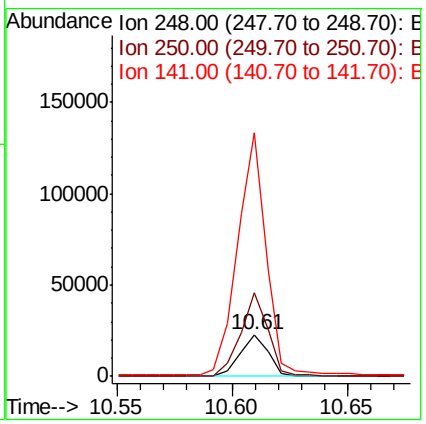


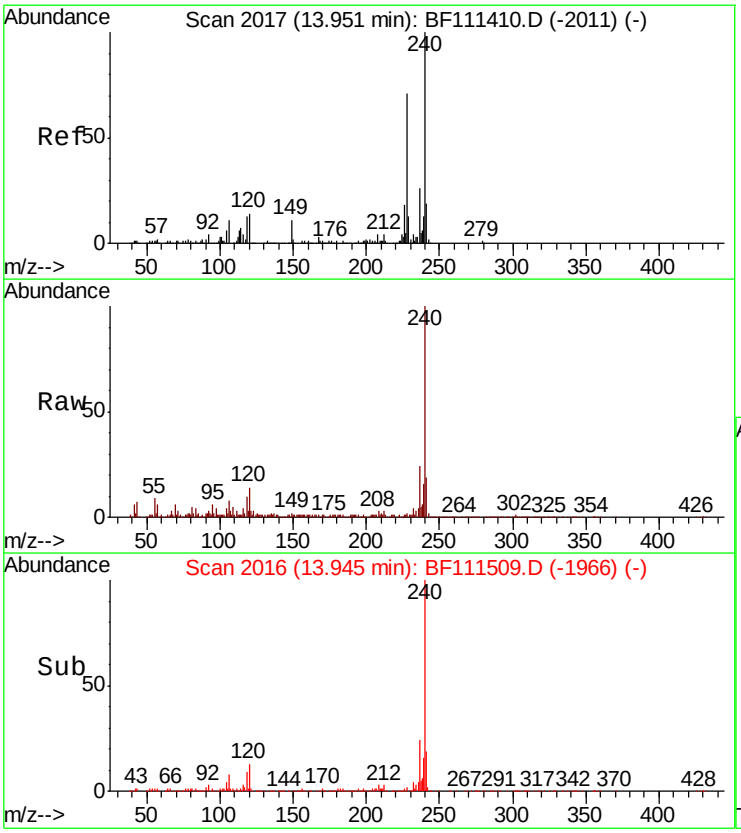
#67
4-Bromophenyl-phenylether
Concen: 3.209 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:248 Resp: 19787

Ion	Ratio	Lower	Upper
248	100		
250	197.8	77.0	115.4#
141	580.1	63.0	94.6#

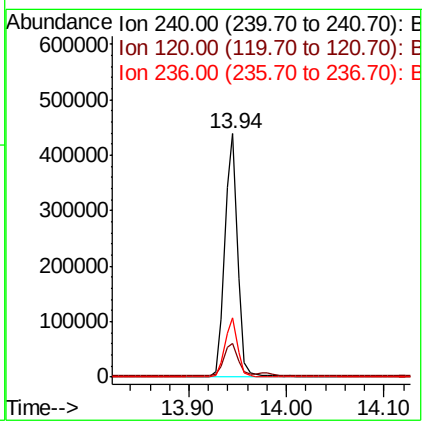


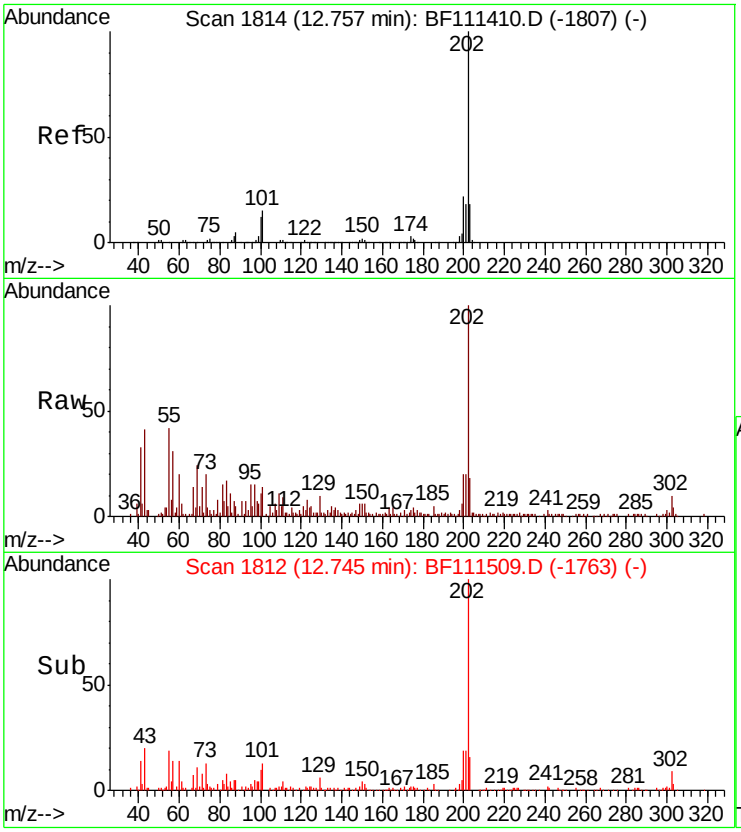


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:240 Resp: 398382

Ion	Ratio	Lower	Upper
240	100		
120	13.8	12.2	18.2
236	24.1	20.2	30.2



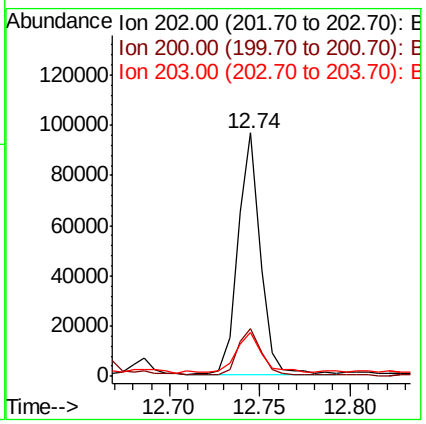


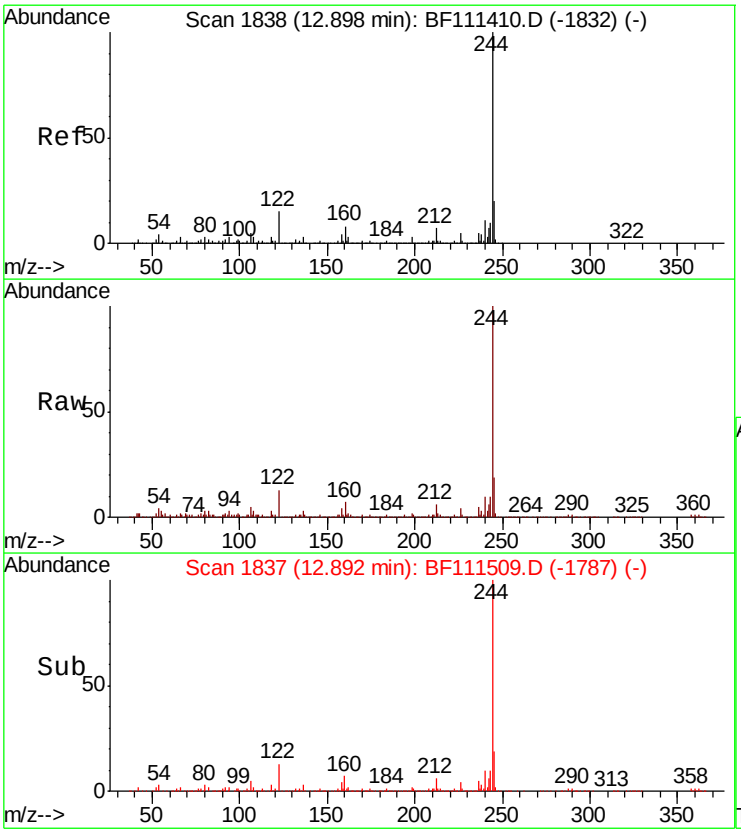
#78
Pyrene
Concen: 2.988 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:202 Resp: 83911

Ion	Ratio	Lower	Upper
202	100		
200	19.6	19.0	28.4
203	18.0	15.2	22.8

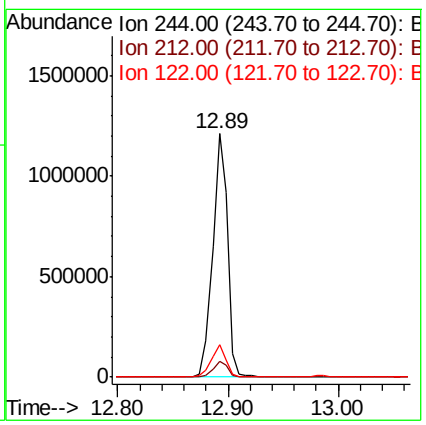


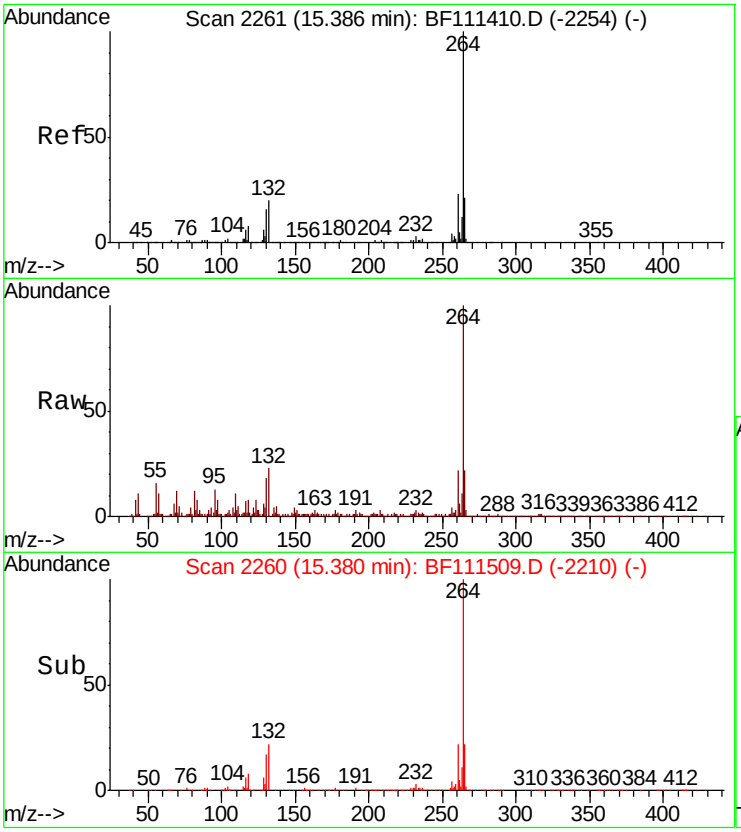


#79
Terphenyl-d14
Concen: 65.341 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:244 Resp: 1108525

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	13.2	13.1	19.7



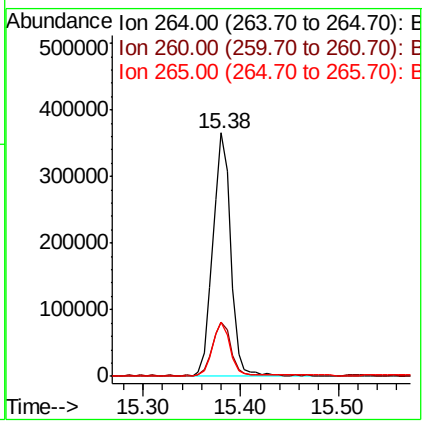


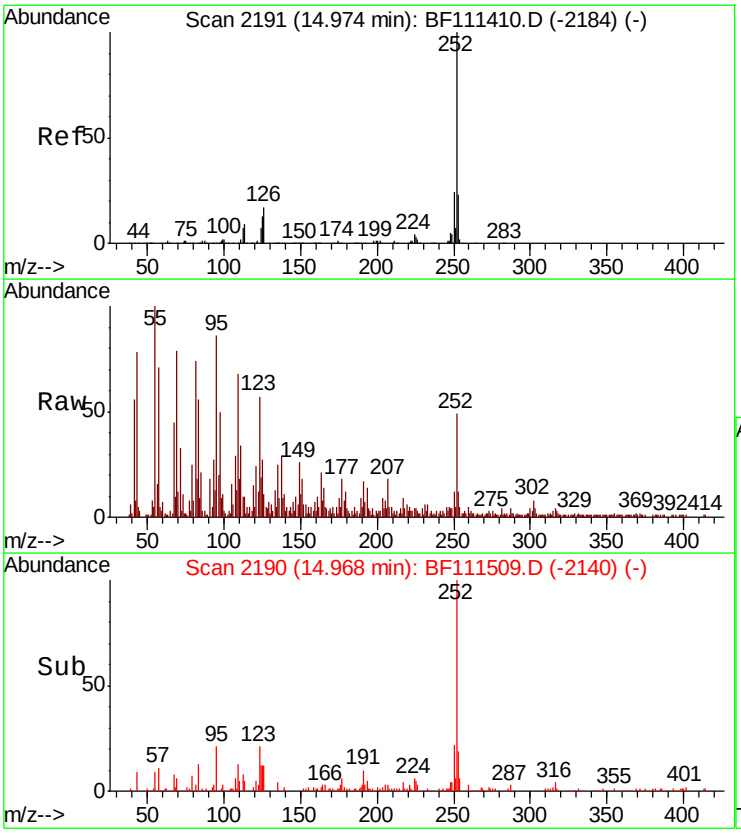
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:264 Resp: 465188

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	22.1	17.7	26.5

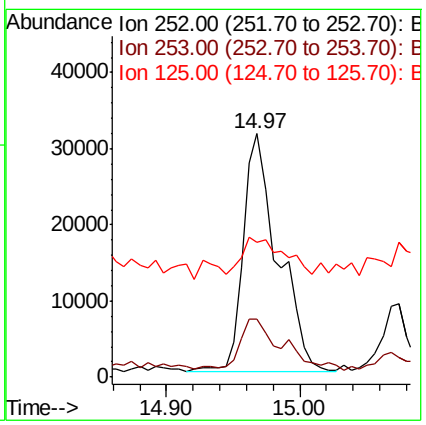


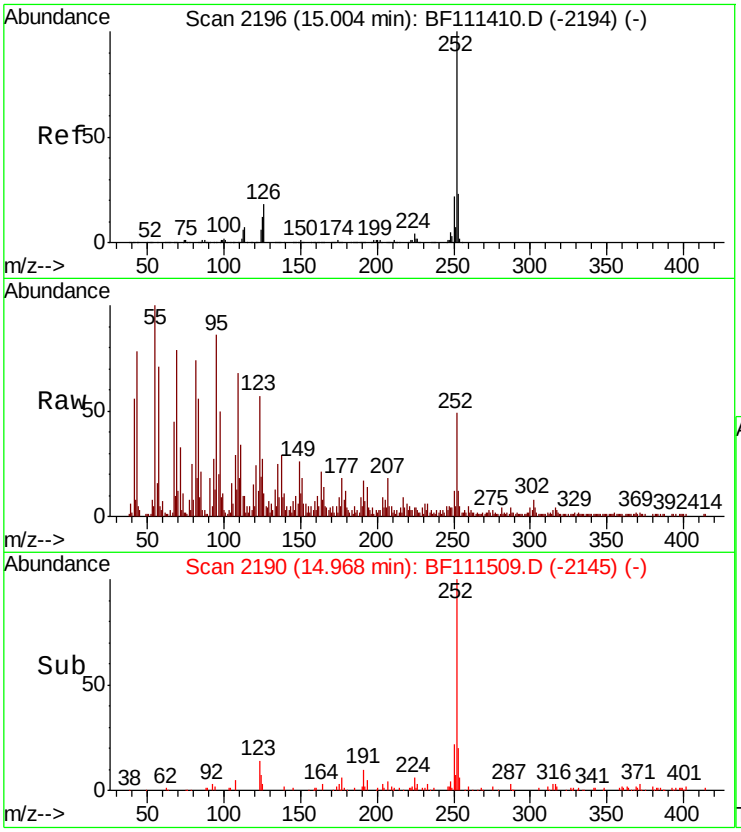


#88
Benzo(b)fluoranthene
Concen: 2.069 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Tgt Ion:252 Resp: 56113

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	55.3	10.4	15.6#





#89
Benzo(k)fluoranthene
Concen: 2.165 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111509.D
Acq: 16 Dec 2018 15:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01

Tgt Ion:252 Resp: 56113

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	55.3	9.8	14.8#