Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111253.D
Acq On : 10 Dec 2018 20:19
Operator : JU/SJ
Sample : J6282-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-7-120618

Quant Time: Dec 11 03:59:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	629001	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	2285504	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	914237	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1312516	20.00	ng		0.00
76) Chrysene-d12	13.98	240	539005	20.00	ng		0.02
87) Perylene-d12	15.43	264	627613	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	3848650	96.62	ng		0.01
7) Phenol-d6	6.43	99	4897141	98.93	ng		0.00
23) Nitrobenzene-d5	7.36	82	3031886	74.41	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	748123	92.38	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4066981	74.45	ng		0.00
79) Terphenyl-d14	12.92	244	2095573	93.26	ng		0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.34	77	2698	Below Cal		#	71
10) Phenol	6.45	94	476118	8.225	ng		90
25) Isophorone	7.36	82	3003172	43.272	ng	#	64
46) 1,1'-Biphenyl	9.26	154	27463	Below Cal			93
50) Dimethylphthalate	9.55	163	314714	4.665	ng	#	95
51) 2,6-Dinitrotoluene	9.83	165	125650	8.434	ng	#	30
67) 4-Bromophenyl-phenylether	10.62	248	49012	3.409	ng	#	1
78) Pyrene	12.76	202	102461	2.660	ng	#	84
84) Bis(2-ethylhexyl)phthalate	13.97	149	1085453	45.405	ng		97
88) Benzo(b)fluoranthene	15.02	252	80464	2.318	ng	#	1

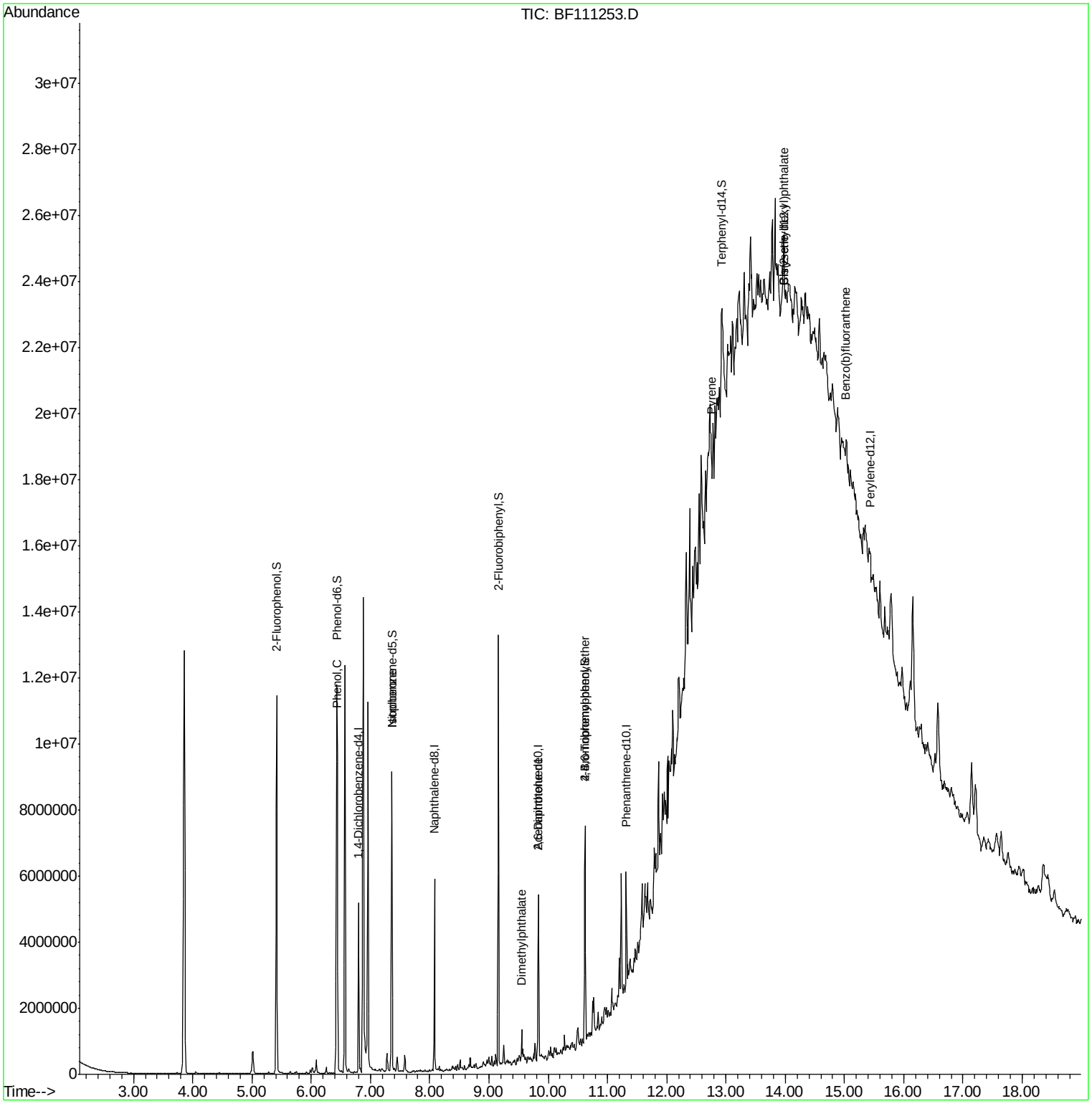
(#) = qualifier out of range (m) = manual integration (+) = signals summed

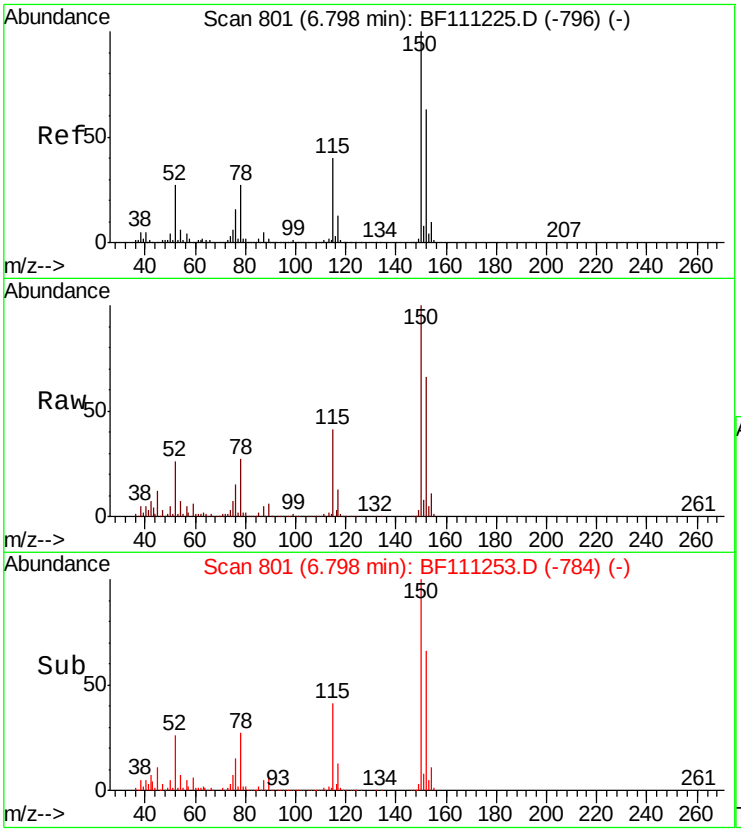
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
Data File : BF111253.D
Acq On : 10 Dec 2018 20:19
Operator : JU/SJ
Sample : J6282-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Quant Time: Dec 11 03:59:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration



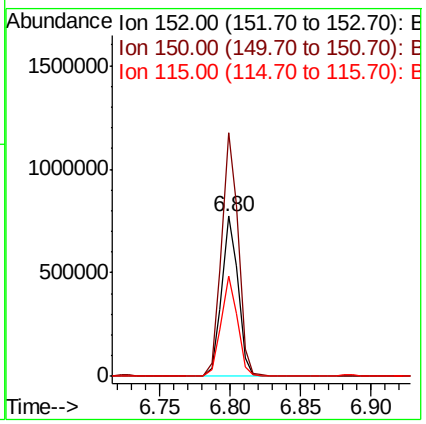


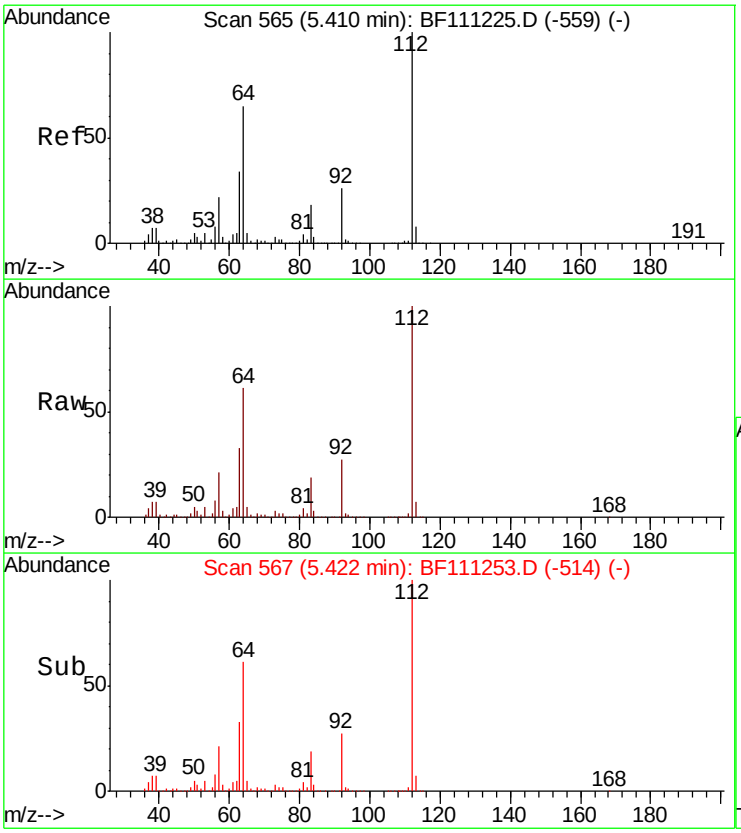
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:152 Resp: 629001

Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	62.7	50.7	76.1

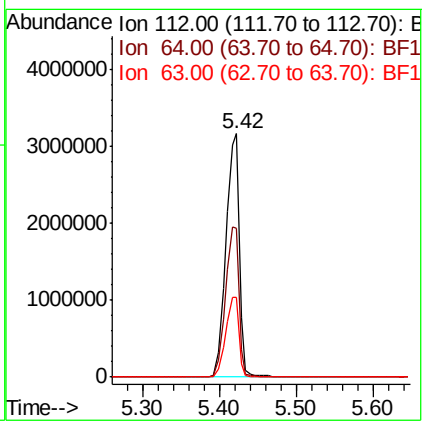


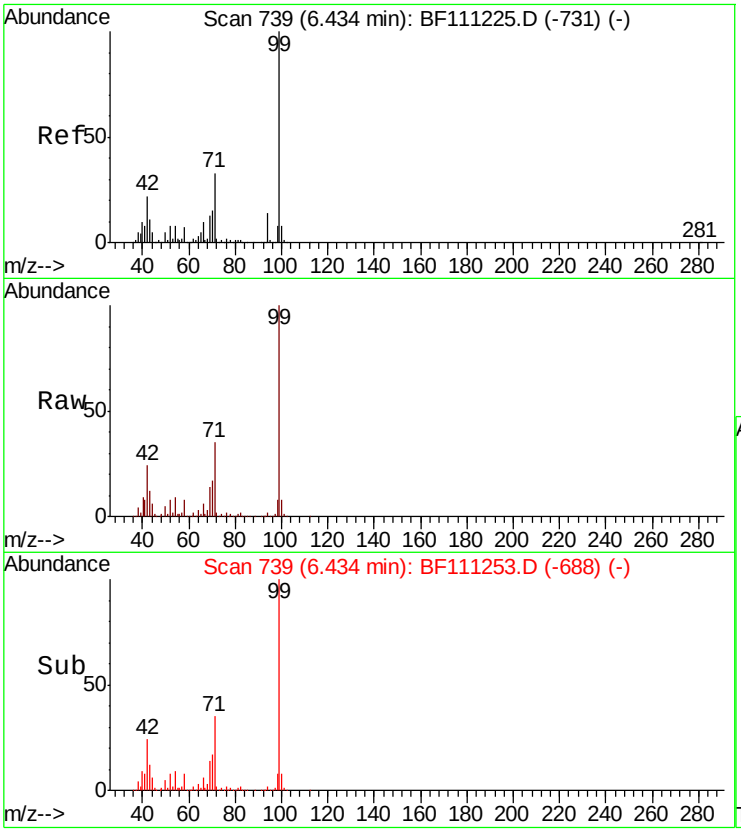


#5
2-Fluorophenol
Concen: 96.618 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:112 Resp: 3848650

Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.8	77.6
63	32.5	26.8	40.2



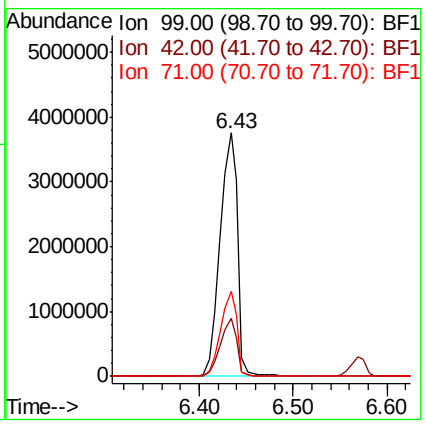


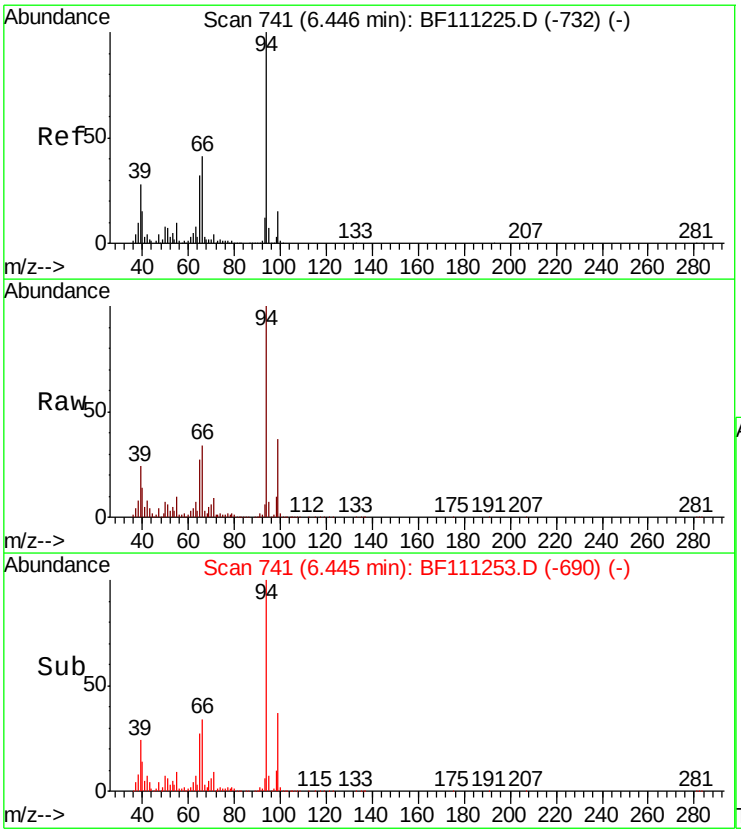
#7
Phenol-d6
Concen: 98.926 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion: 99 Resp: 4897141

Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.4	26.0
71	35.1	26.1	39.1

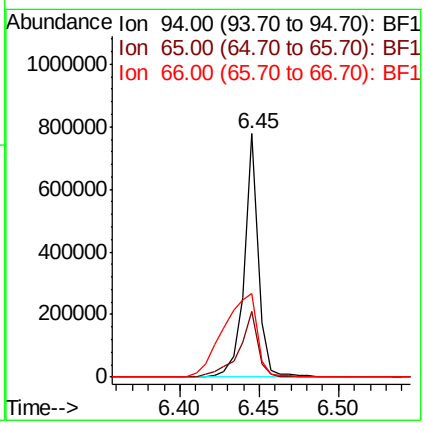


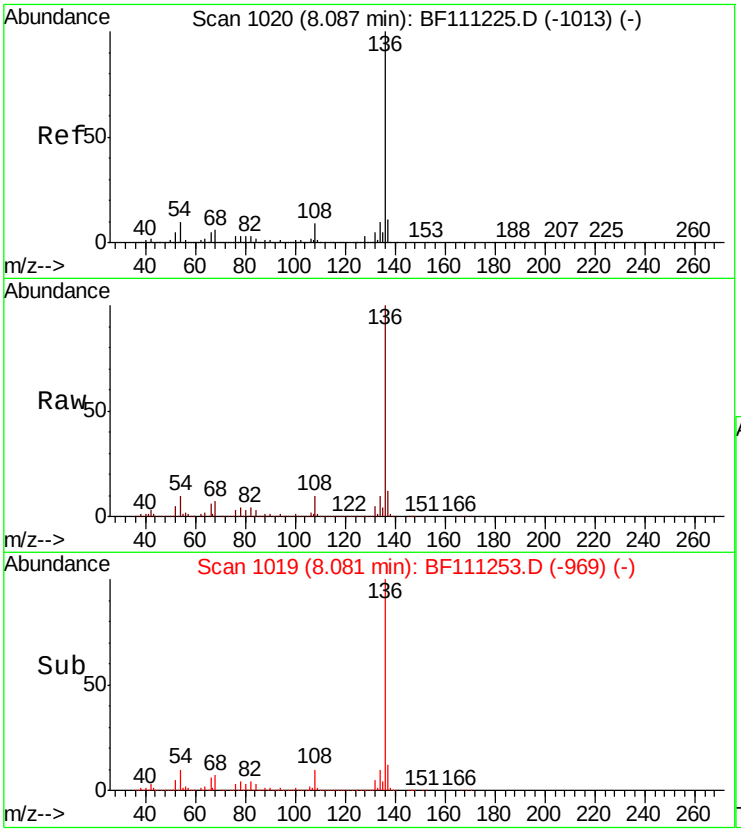


#10
Phenol
Concen: 8.225 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion: 94 Resp: 476118

Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.7	51.7
66	34.2	21.0	61.0



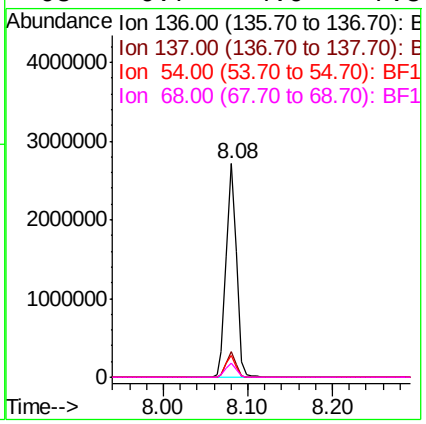


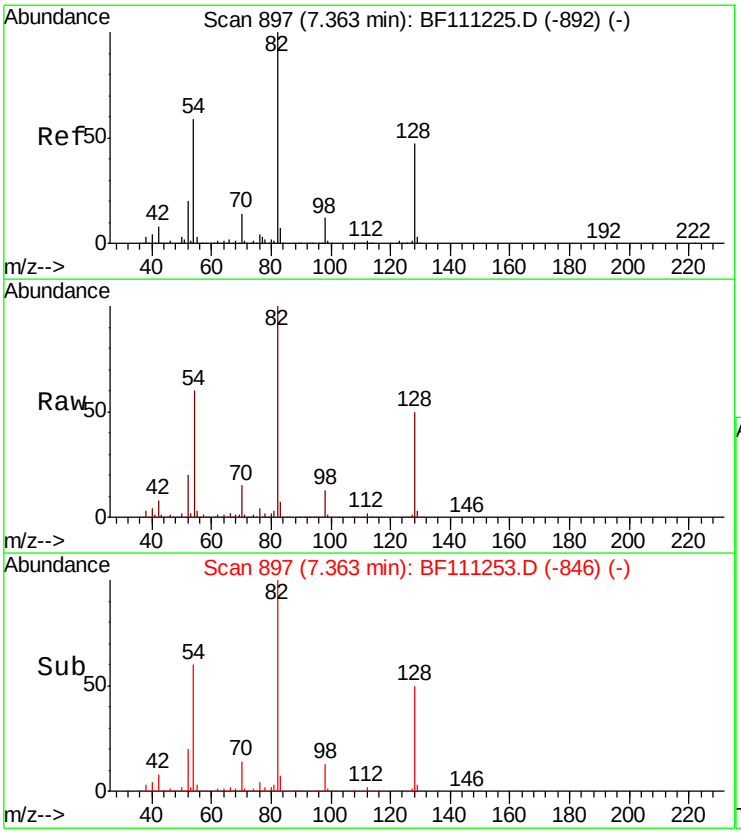
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:136 Resp: 2285504

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.1	13.7
54	10.5	7.7	11.5
68	6.7	4.9	7.3

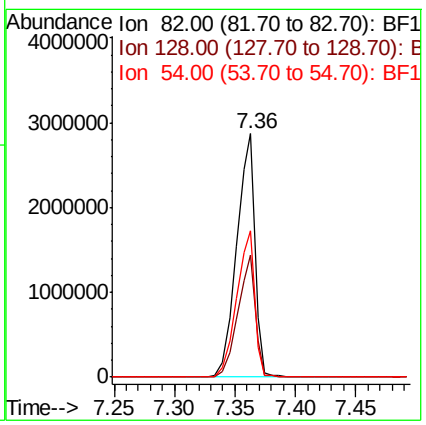


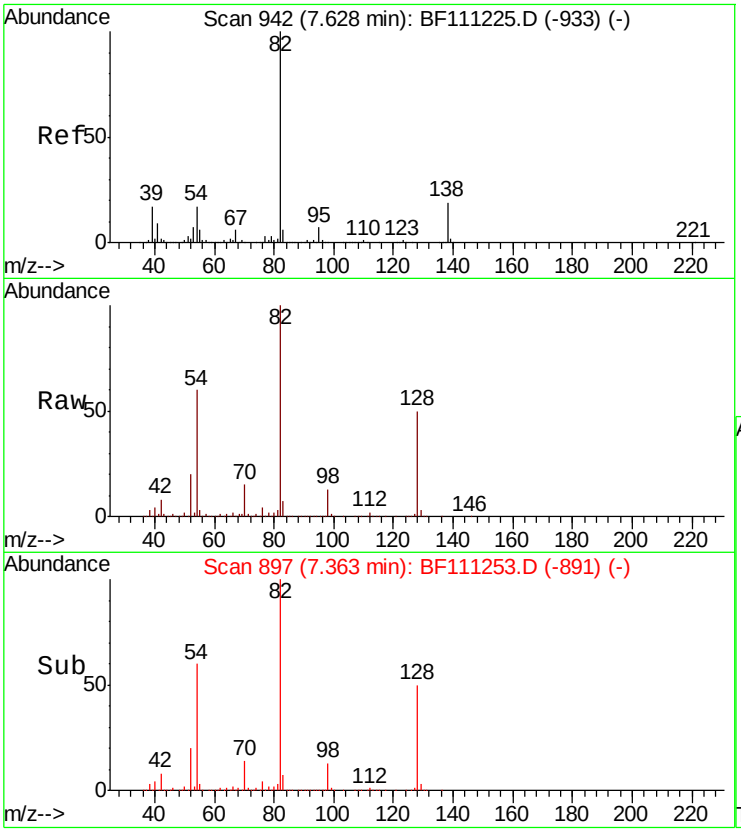


#23
Nitrobenzene-d5
Concen: 74.406 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion: 82 Resp: 3031886

Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.4	56.2
54	60.0	47.6	71.4



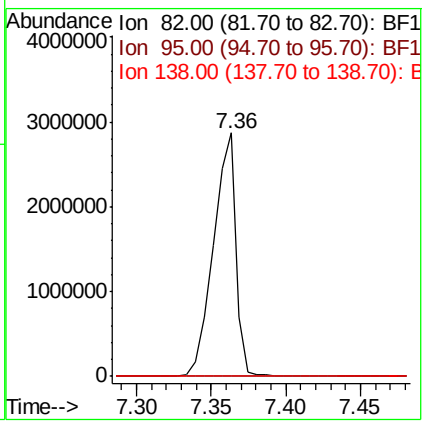


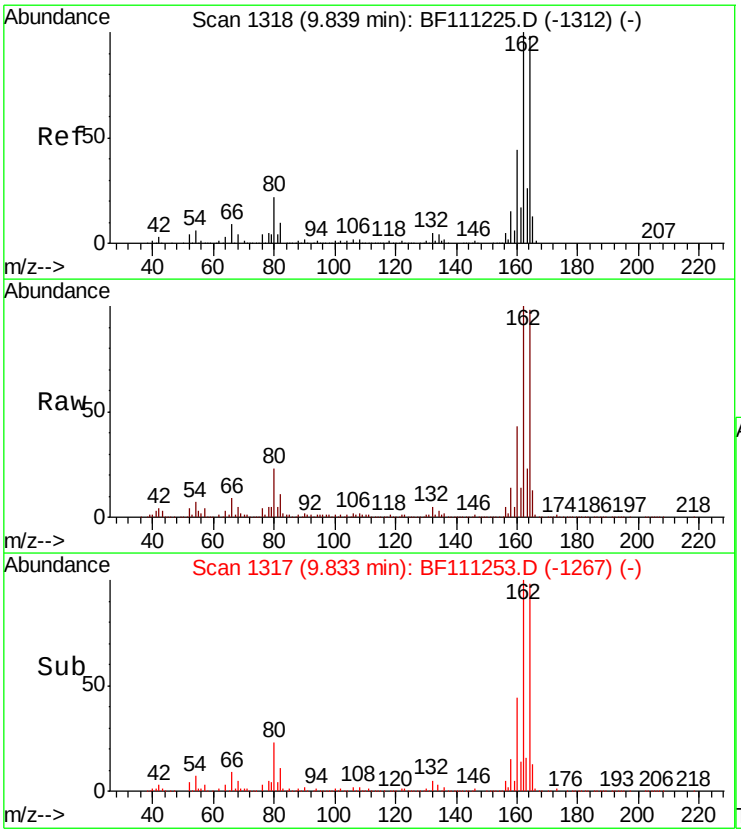
#25
Isophorone
Concen: 43.272 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion: 82 Resp: 3003172

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

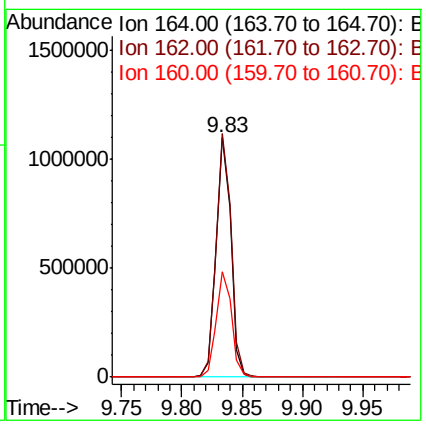


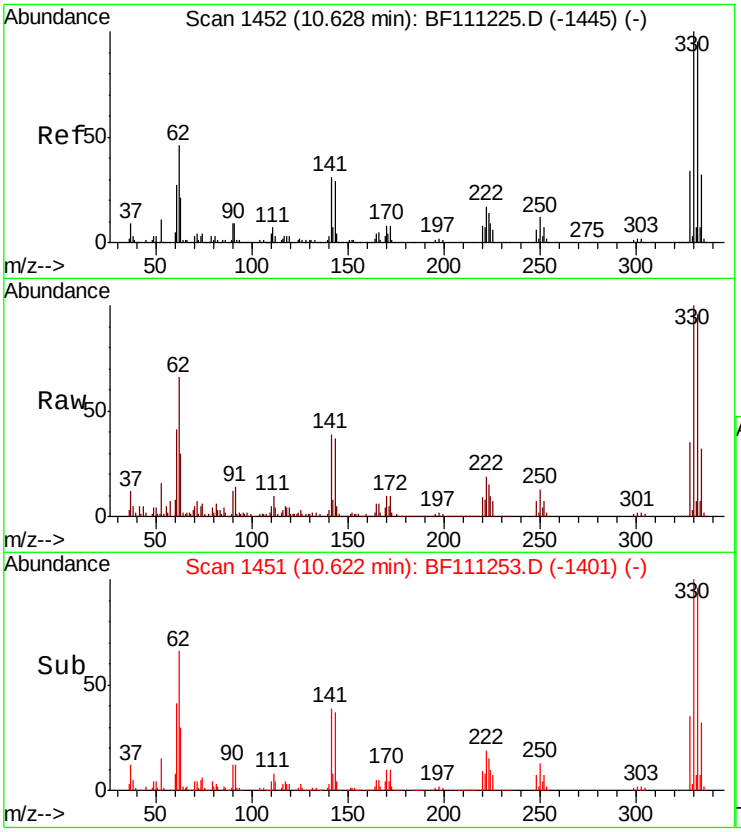


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:164 Resp: 914237

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	44.2	35.7	53.5



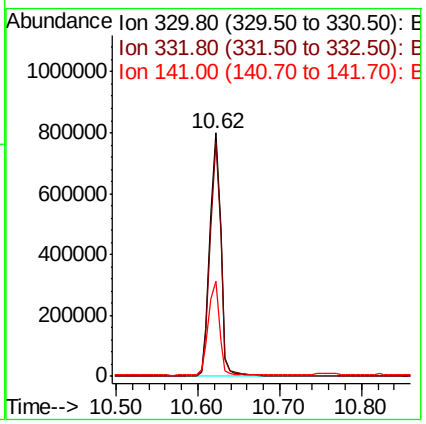


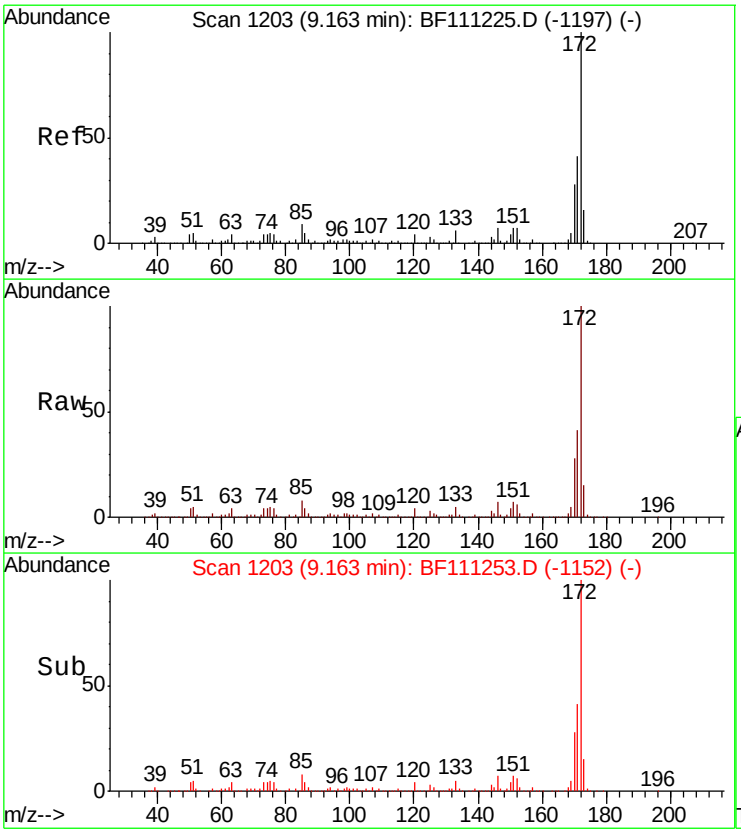
#42
2,4,6-Tribromophenol
Concen: 92.379 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:330 Resp: 748123

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.0	114.0
141	39.4	31.0	46.6

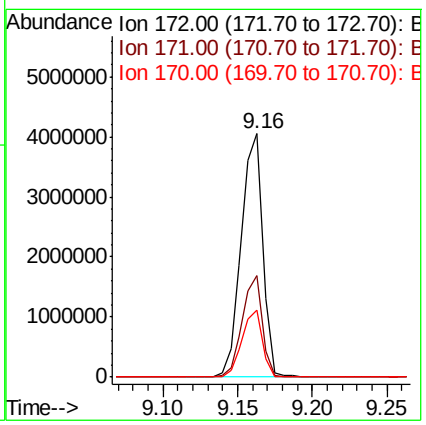


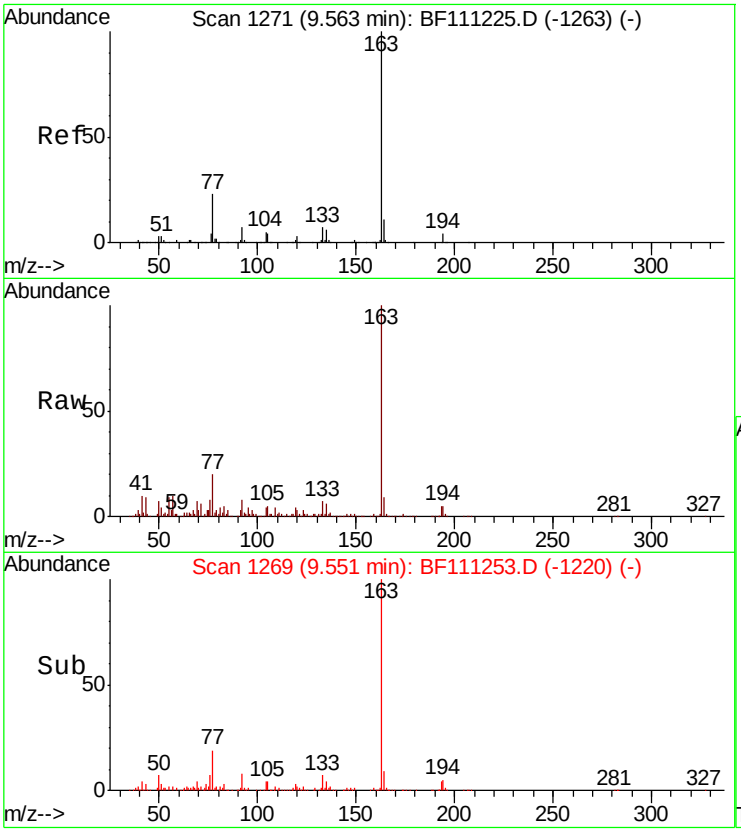


#45
2-Fluorobiphenyl
Concen: 74.452 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:172 Resp: 4066981

Ion	Ratio	Lower	Upper
172	100		
171	41.5	33.0	49.4
170	27.6	22.3	33.5



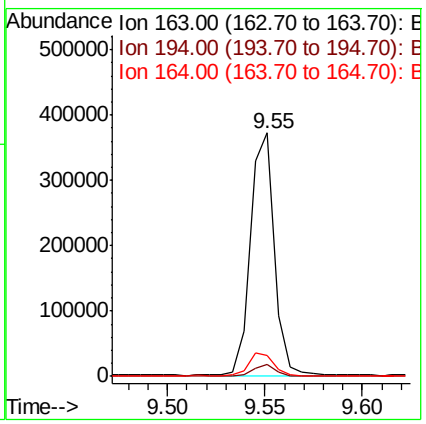


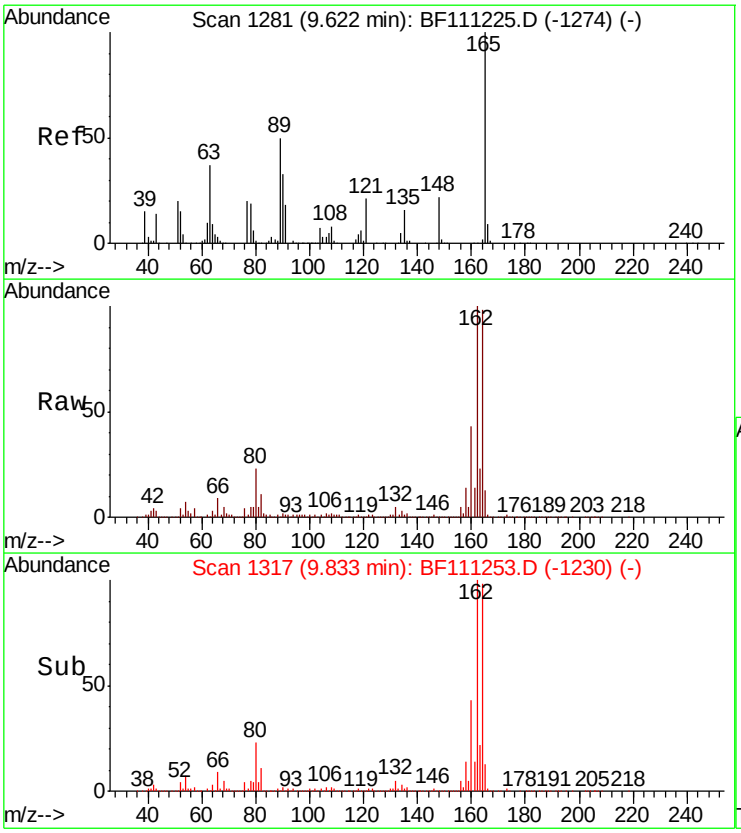
#50
Dimethylphthalate
Concen: 4.665 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:163 Resp: 314714

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	8.8	8.9	13.3#

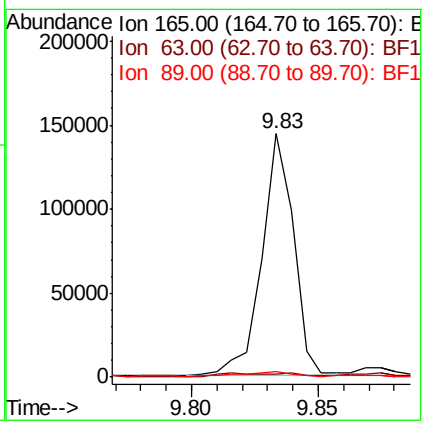


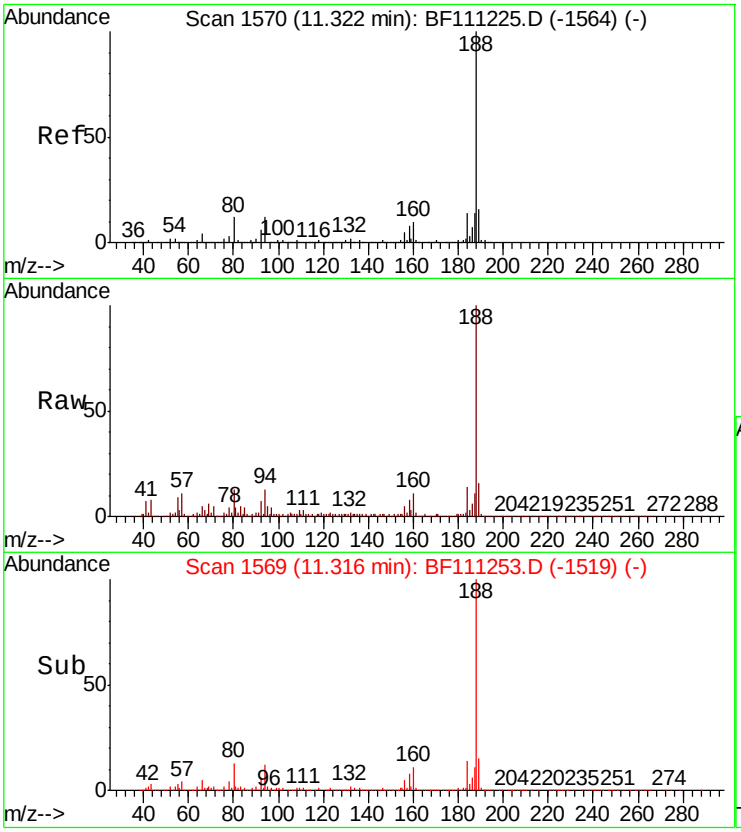


#51
2,6-Dinitrotoluene
Concen: 8.434 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:165 Resp: 125650

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	2.2	40.0	60.0#



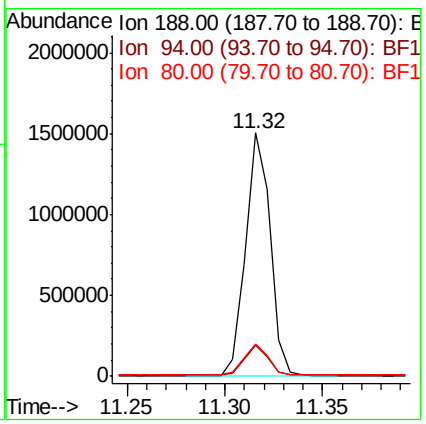


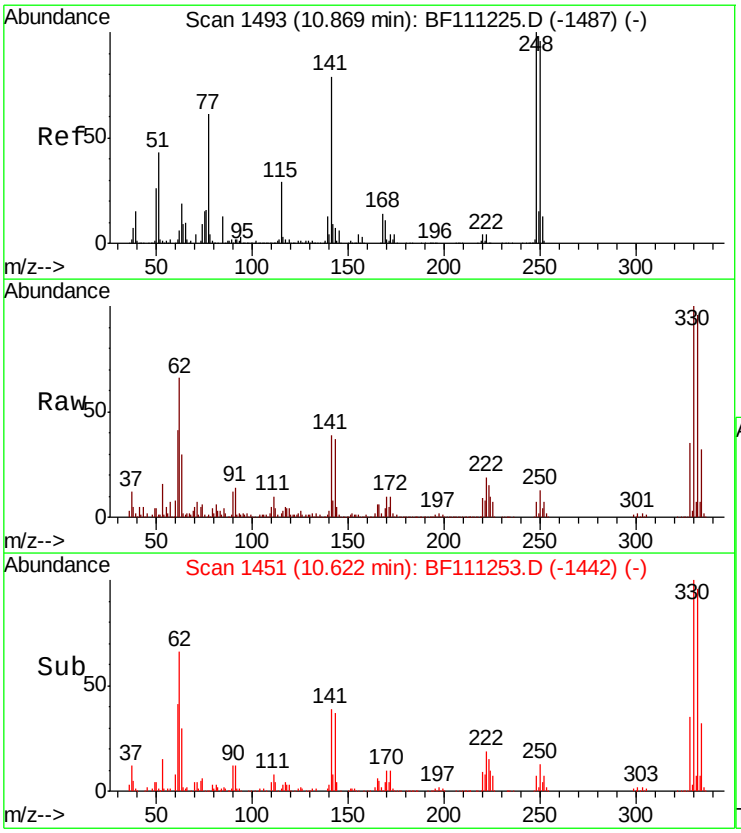
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:188 Resp: 1312516

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.6	14.4
80	13.4	9.8	14.6

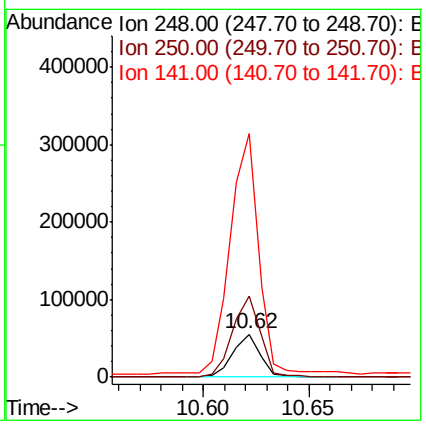


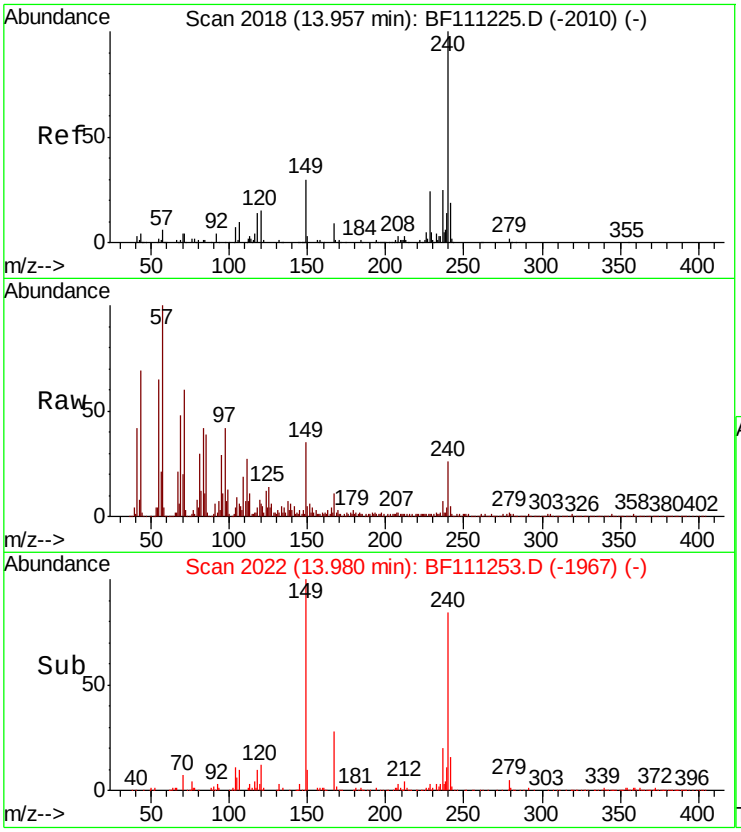


#67
4-Bromophenyl-phenylether
Concen: 3.409 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:248 Resp: 49012

Ion	Ratio	Lower	Upper
248	100		
250	190.1	77.0	115.4#
141	570.8	63.0	94.6#



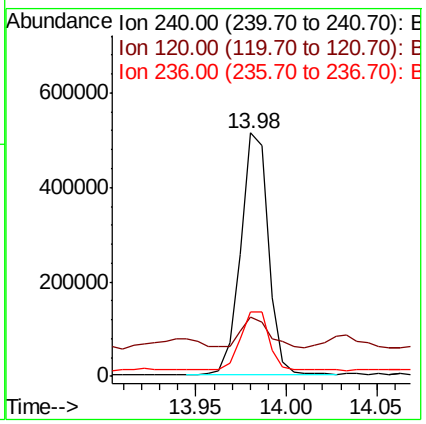


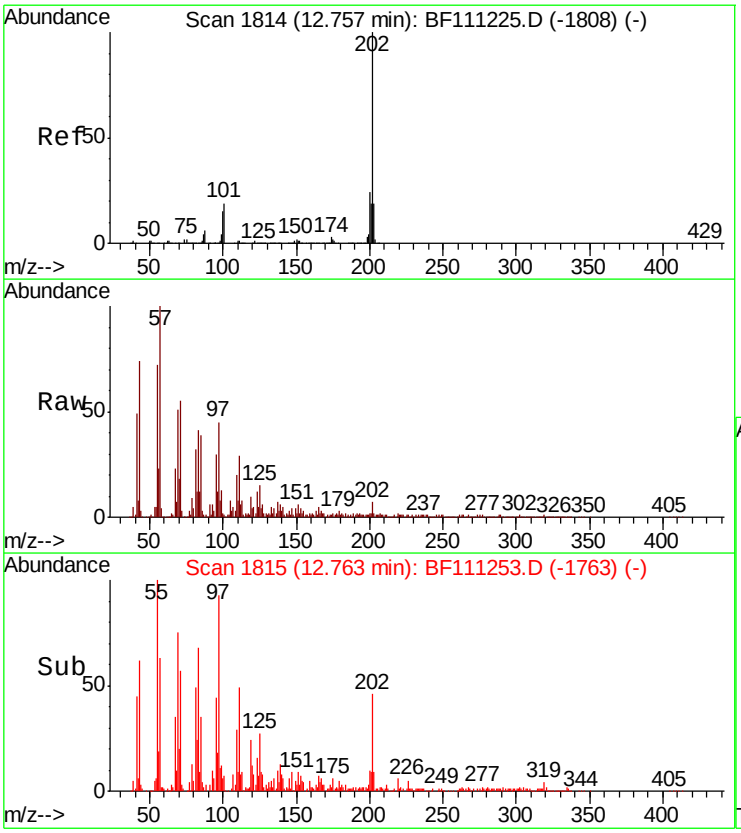
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:240 Resp: 539005

Ion	Ratio	Lower	Upper
240	100		
120	24.6	12.2	18.2#
236	26.4	20.2	30.2

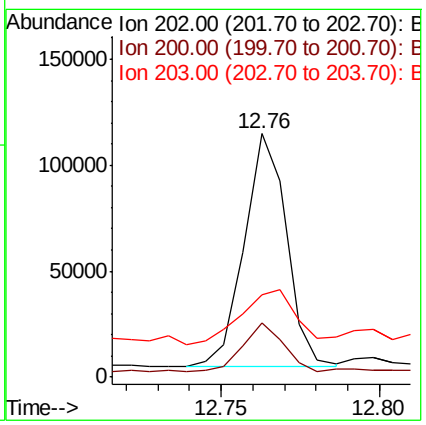


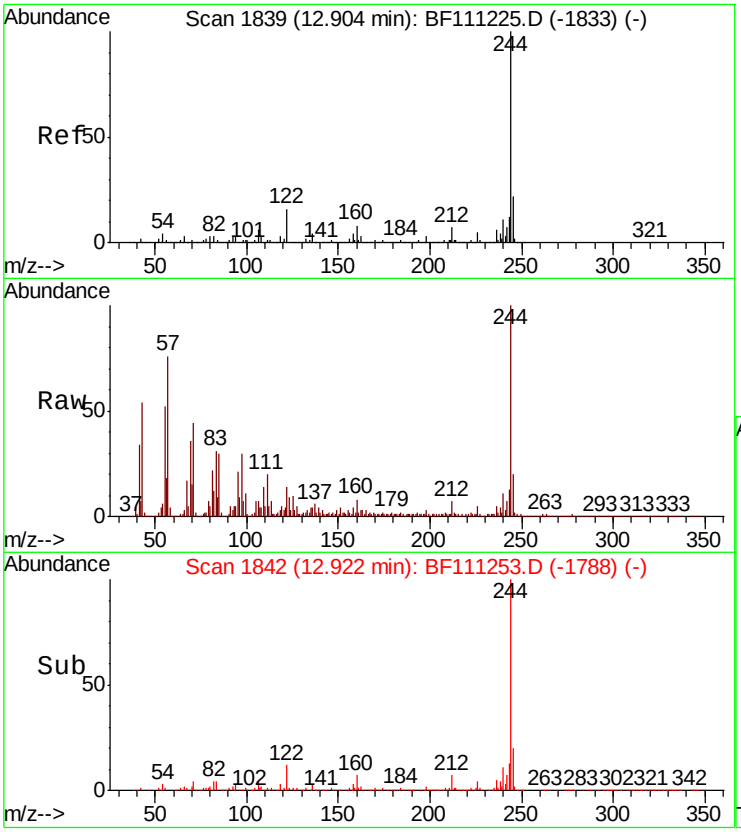


#78
Pyrene
Concen: 2.660 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:202 Resp: 102461

Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.0	28.4
203	33.9	15.2	22.8#



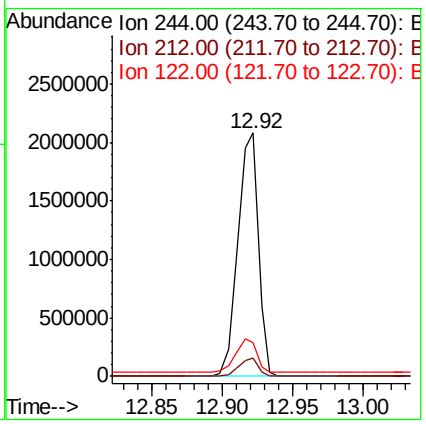


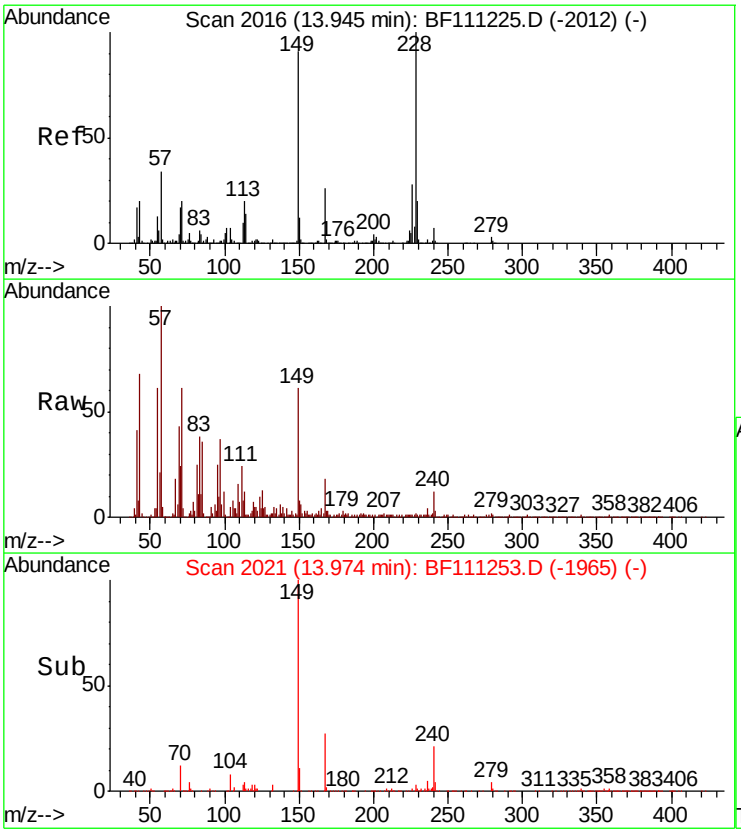
#79
Terphenyl-d14
Concen: 93.256 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.02 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:244 Resp: 2095573

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.7	13.1	19.7

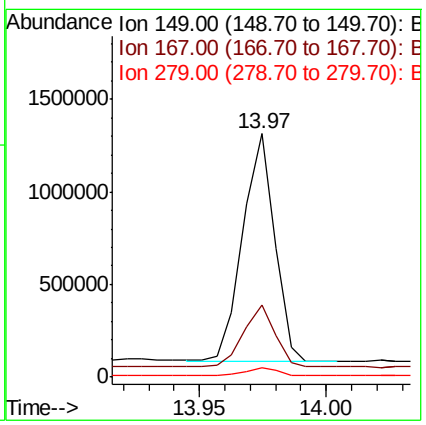


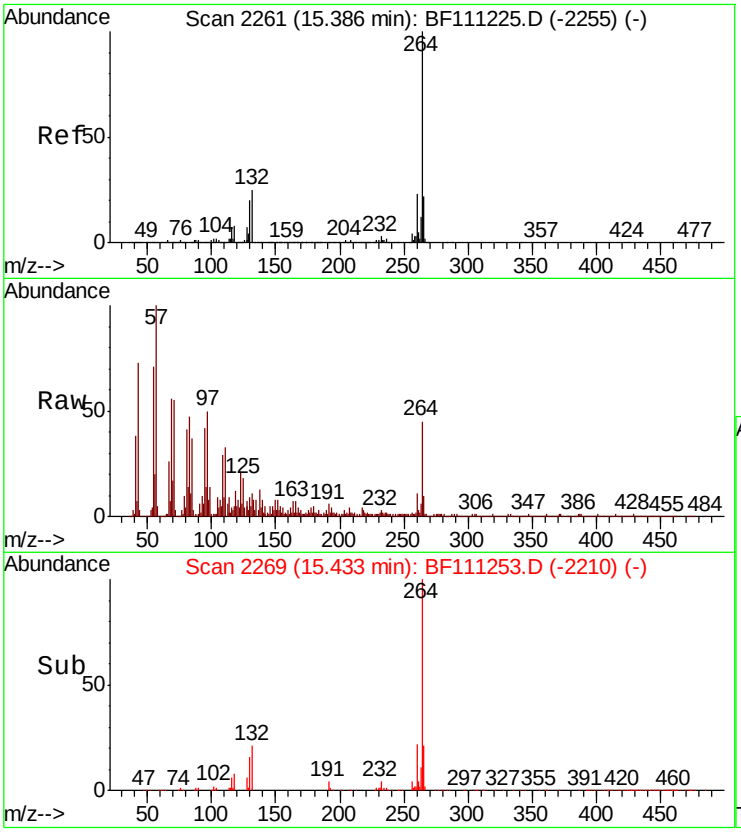


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.405 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.03 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:149 Resp: 1085453

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.5	33.7
279	3.9	2.6	4.0



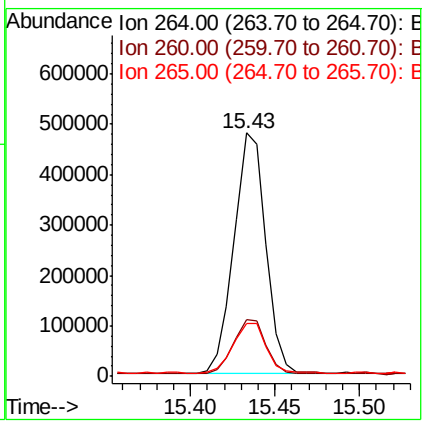


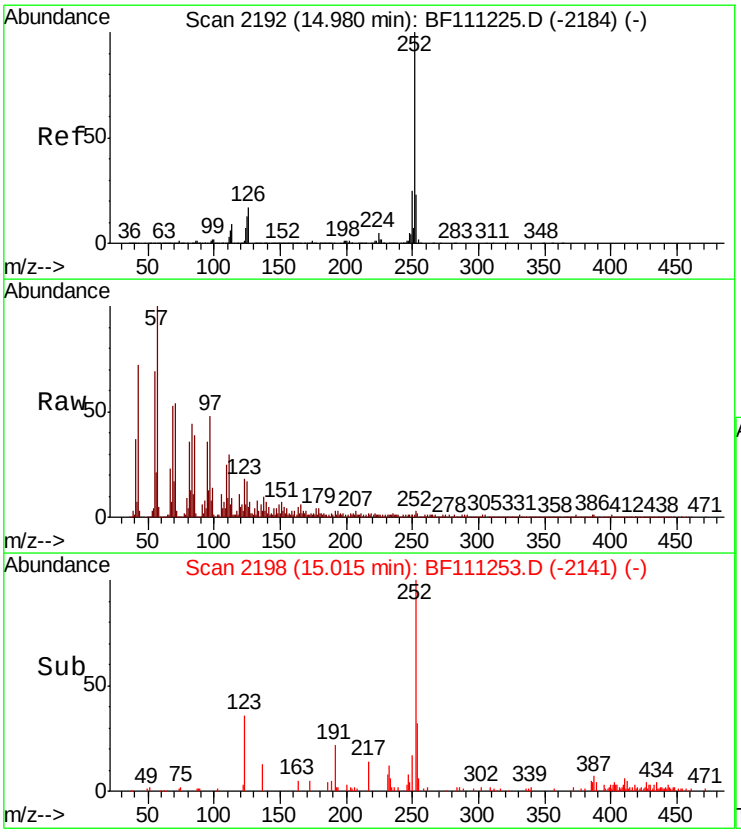
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.05 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Instrument :
BNA_F
ClientSampleId :
AU-7-120618

Tgt Ion:264 Resp: 627613

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.7	17.7	26.5





#88
Benzo(b)fluoranthene
Concen: 2.318 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.04 min
Lab File: BF111253.D
Acq: 10 Dec 2018 20:19

Tgt Ion:252 Resp: 80464

Ion	Ratio	Lower	Upper
252	100		
253	61.0	18.2	27.2#
125	532.9	10.4	15.6#