Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-021119-N

Quant Time: Feb 14 07:28:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105366	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	397331	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	169330	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	272472	20.00	ng		0.00
76) Chrysene-d12	14.02	240	236424	20.00	ng		0.00
87) Perylene-d12	15.50	264	176662	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	253486	51.10	ng		-0.01
7) Phenol-d6	6.49	99	321871	46.70	ng		0.00
23) Nitrobenzene-d5	7.40	82	191751	27.81	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	69594	35.31	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	361706	30.21	ng		-0.01
79) Terphenyl-d14	12.95	244	299580	23.87	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	24741	5.205	ng	#	79
25) Isophorone	7.40	82	191750	17.725	ng	#	63
50) Dimethylphthalate	9.59	163	28038	2.131	ng		98
51) 2,6-Dinitrotoluene	9.87	165	21619	7.337	ng	#	35
57) 2,4-Dinitrotoluene	9.87	165	21620	5.764	ng	#	33
75) Fluoranthene	12.59	202	35668	2.348	ng		97
78) Pyrene	12.82	202	34318	2.097	ng		99
88) Benzo(b)fluoranthene	15.07	252	23604	2.234	ng	#	65
89) Benzo(k)fluoranthene	15.07	252	23604	2.332	ng	#	65

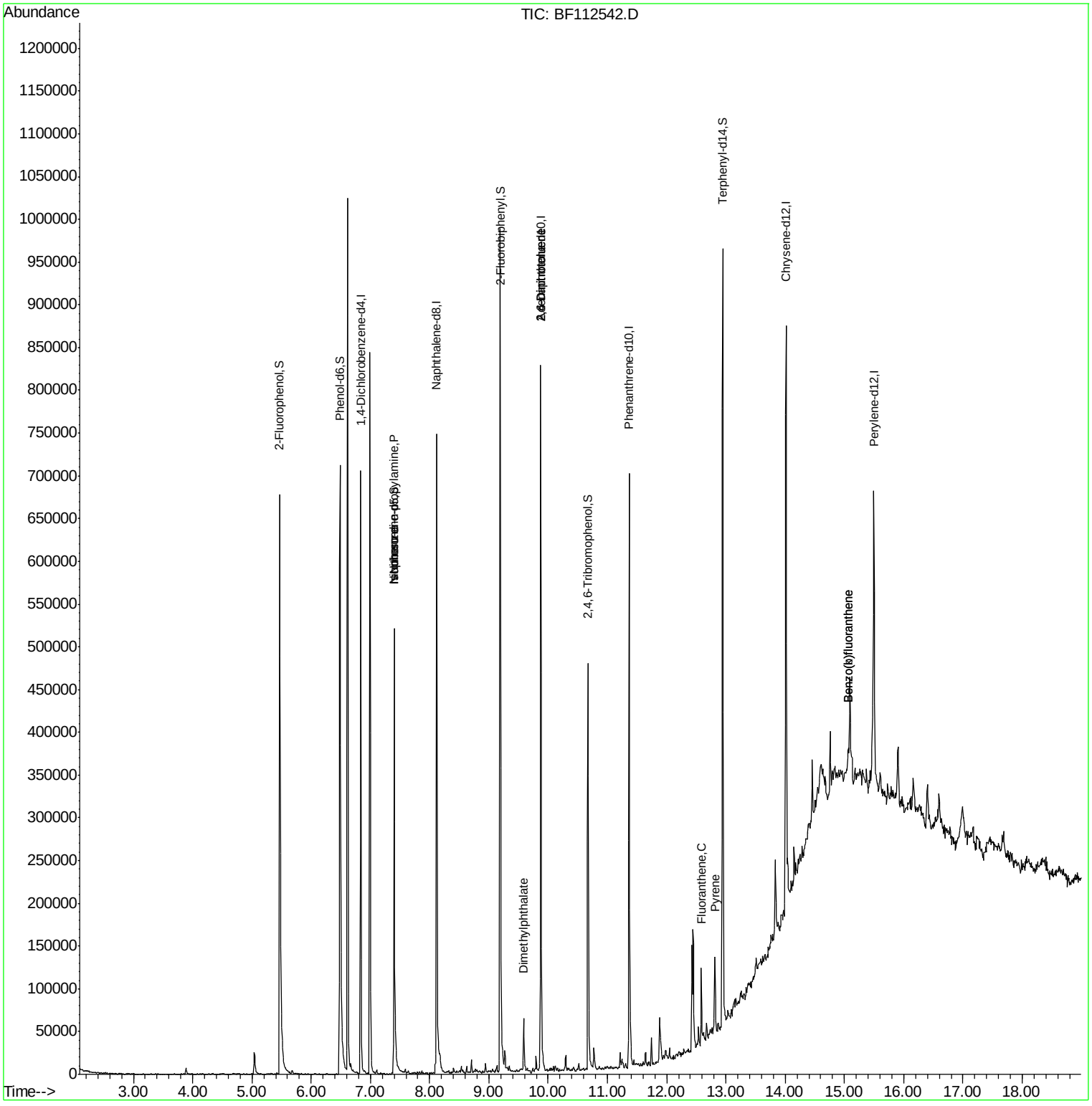
(#) = qualifier out of range (m) = manual integration (+) = signals summed

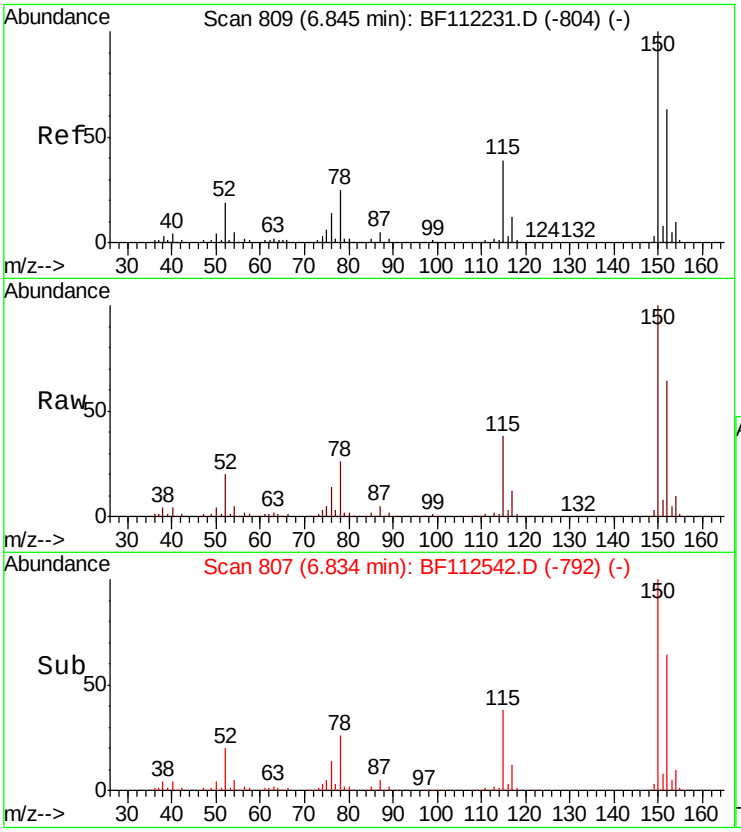
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112542.D
Acq On : 13 Feb 2019 16:46
Operator : JU/SJ
Sample : K1343-27 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Quant Time: Feb 14 07:28:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



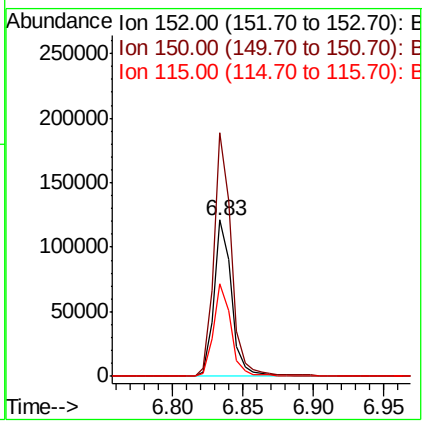


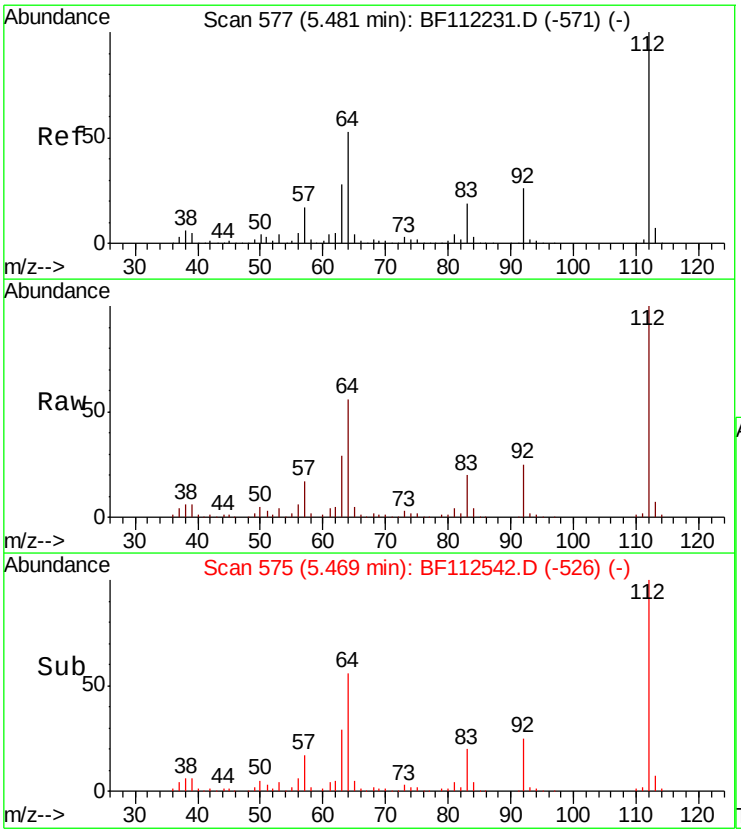
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:152 Resp: 105366

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	59.4	45.5	68.3

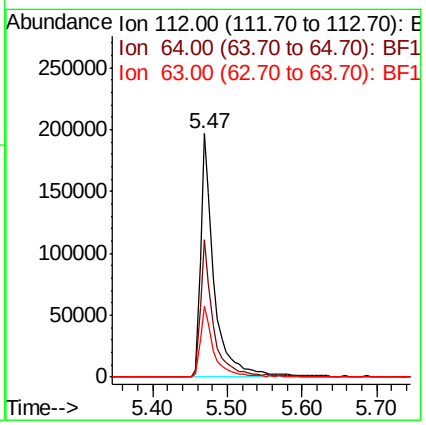


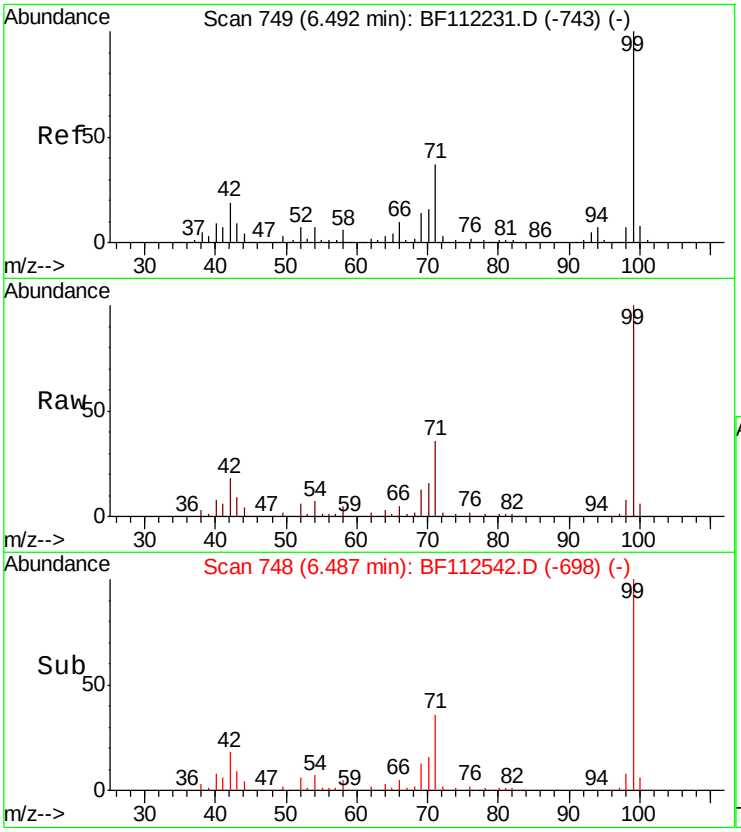


#5
2-Fluorophenol
Concen: 51.100 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:112 Resp: 253486

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.7	68.5
63	29.1	23.6	35.4



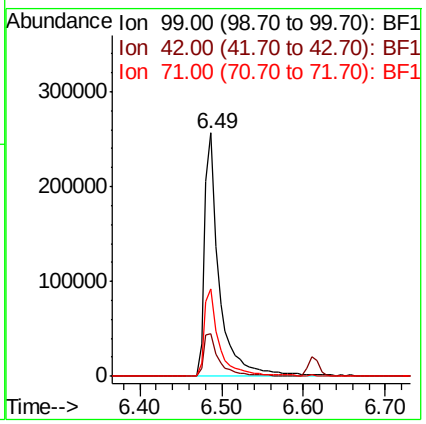


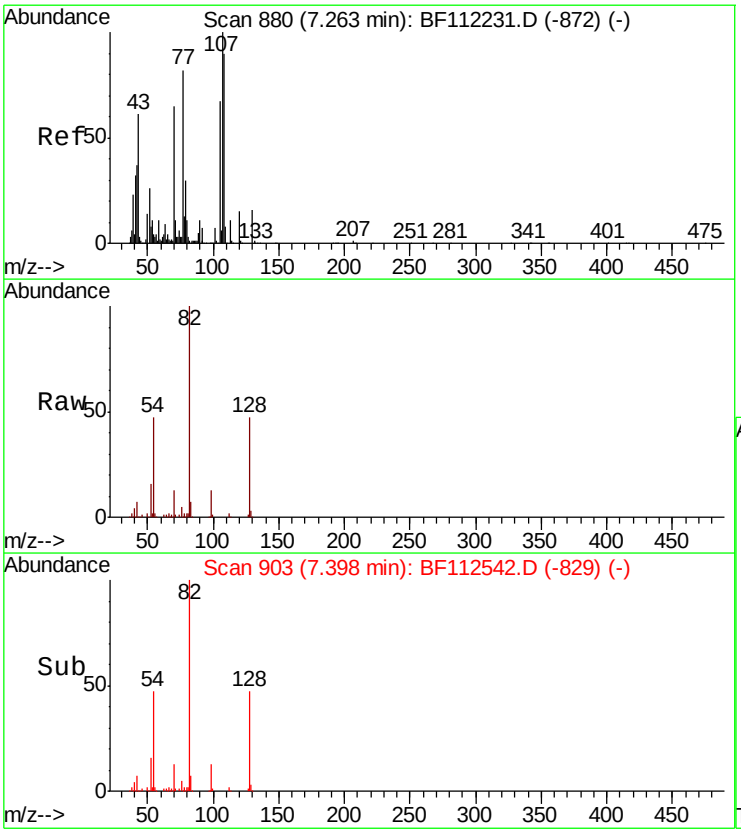
#7
Phenol-d6
Concen: 46.695 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion: 99 Resp: 321871

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.1	22.7
71	35.7	26.9	40.3

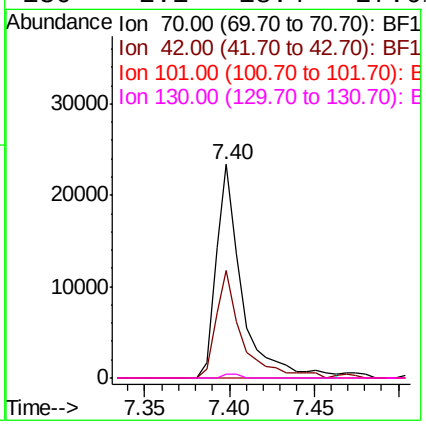


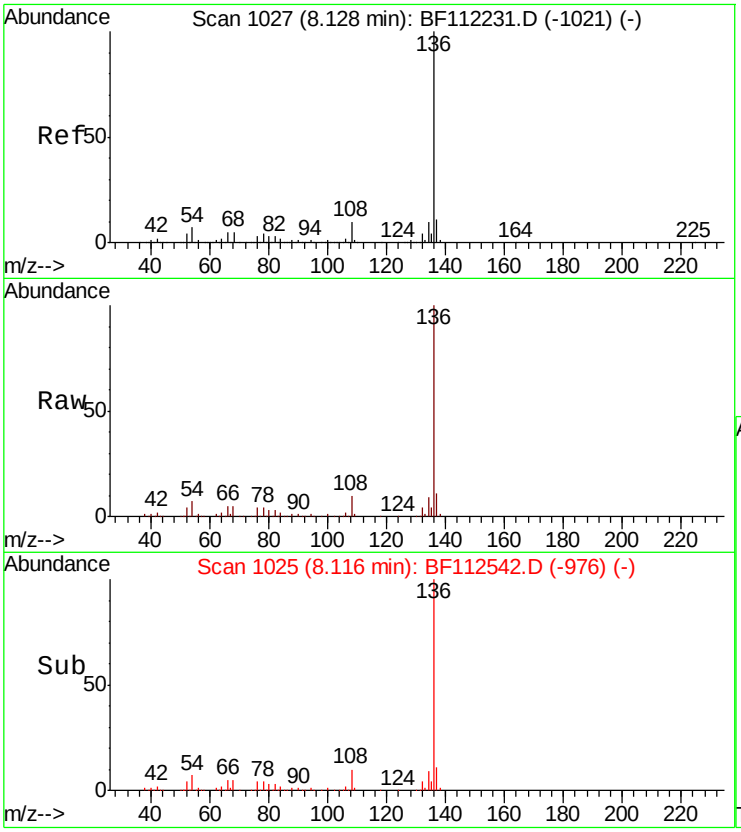


#19
n-Nitroso-di-n-propylamine
Concen: 5.205 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion: 70 Resp: 24741

Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



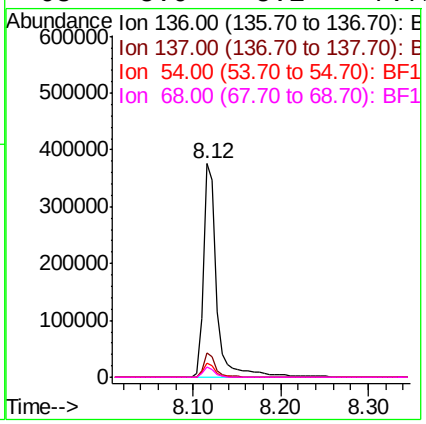


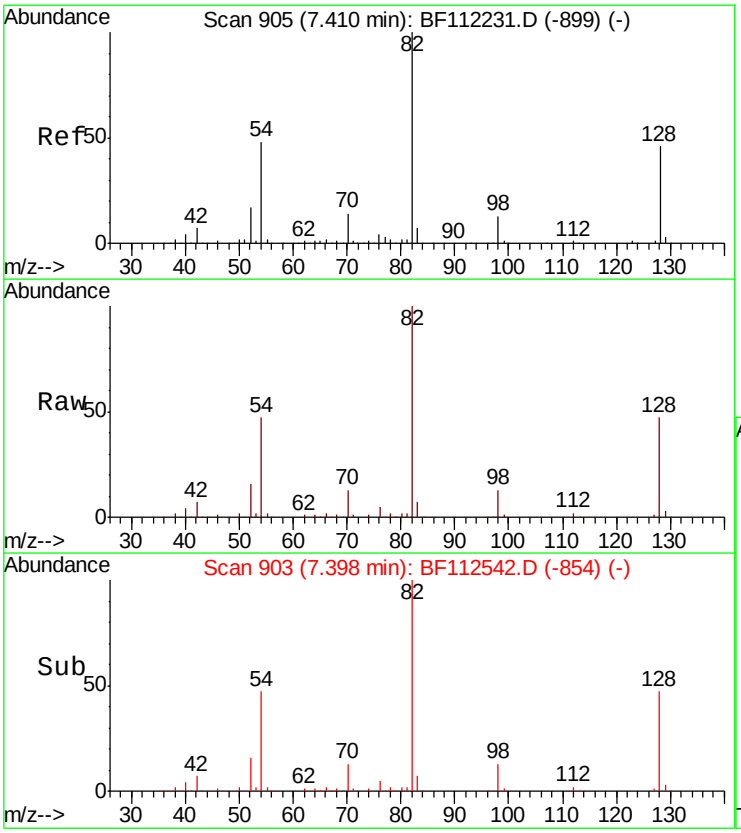
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:136 Resp: 397331

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.6	5.9	8.9
68	5.0	5.1	7.7#

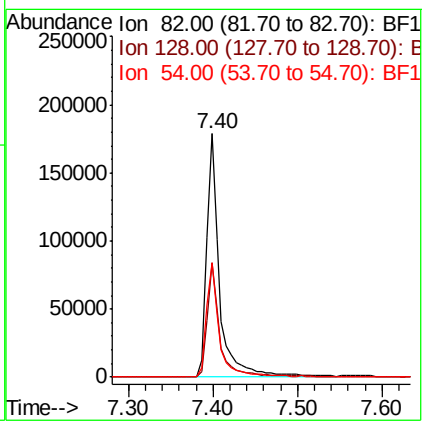


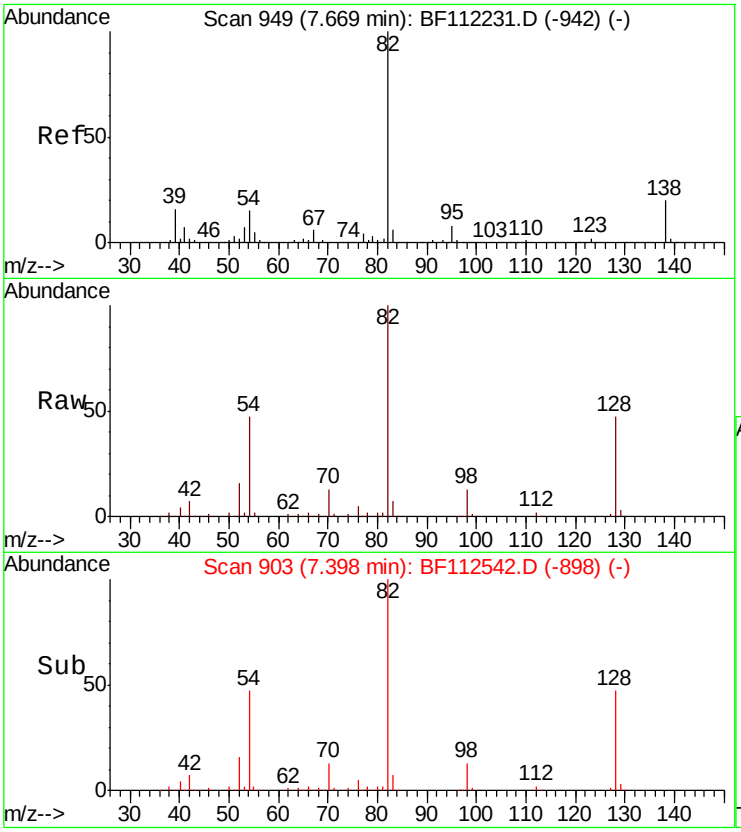


#23
Nitrobenzene-d5
Concen: 27.807 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion: 82 Resp: 191751

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	46.9	39.7	59.5



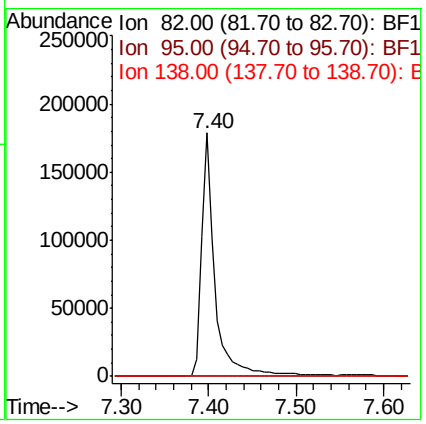


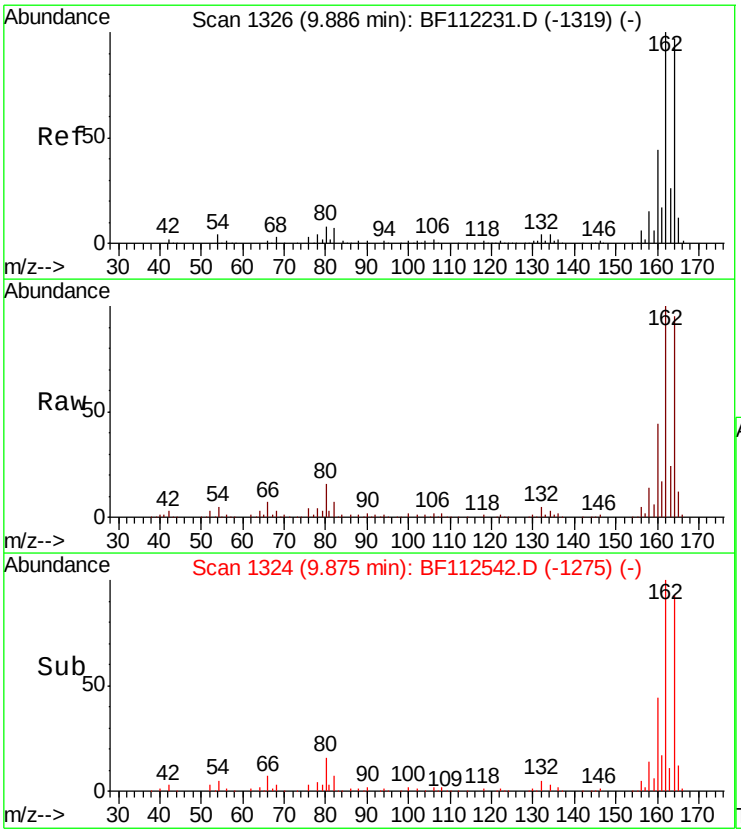
#25
Isophorone
Concen: 17.725 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion: 82 Resp: 191750

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

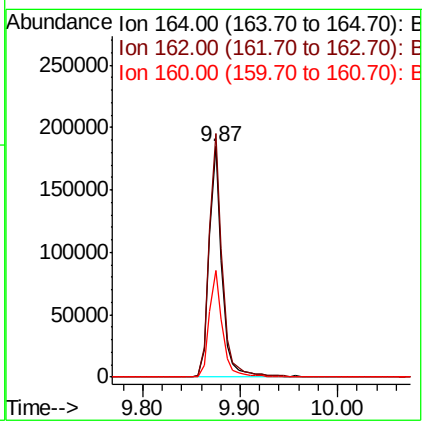


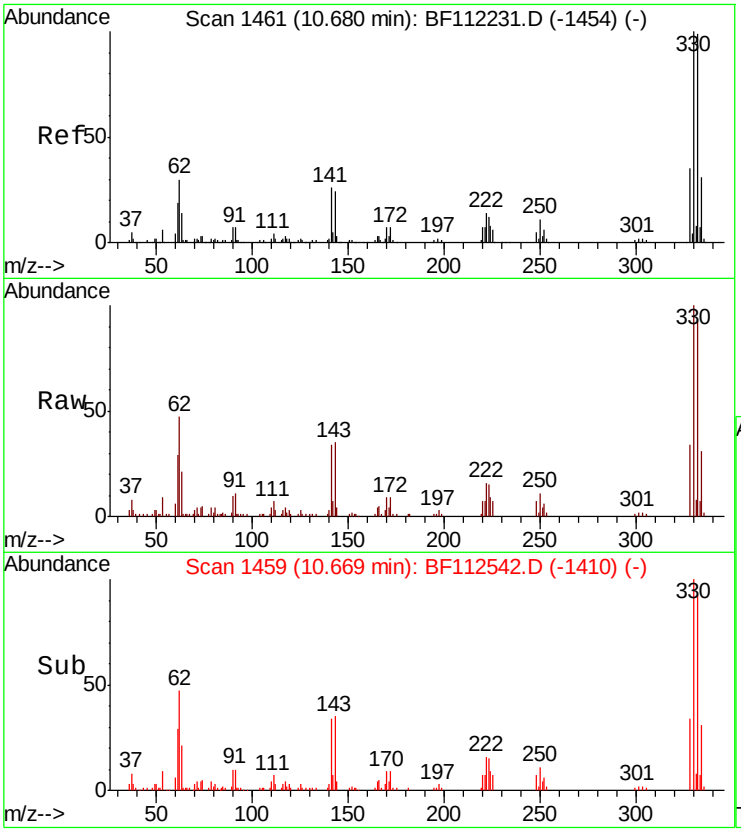


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:164 Resp: 169330

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.4
160	46.1	36.2	54.4



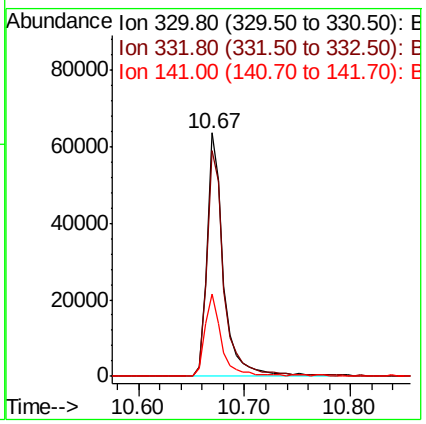


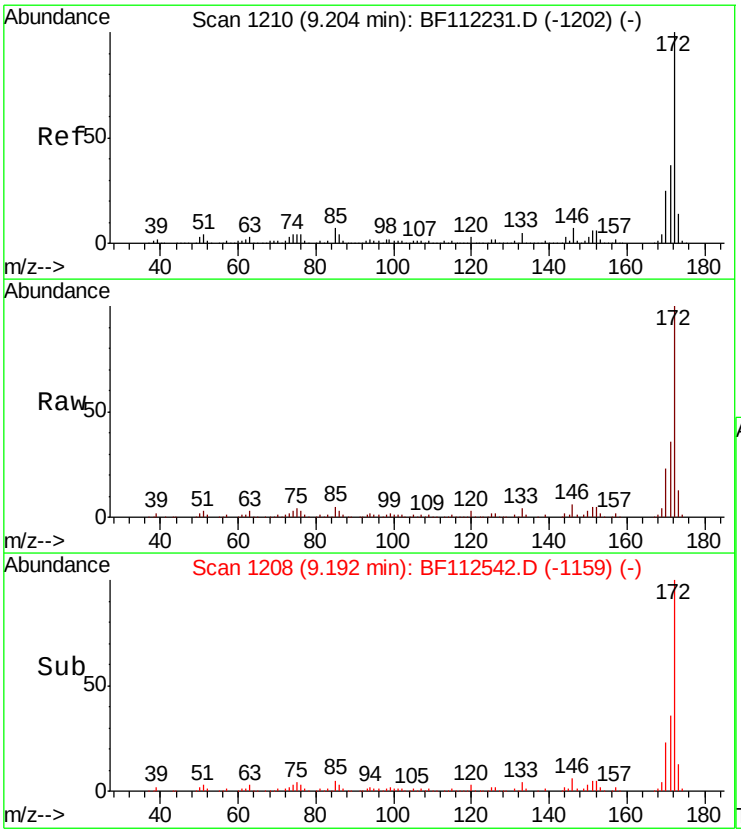
#42
2,4,6-Tribromophenol
Concen: 35.310 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:330 Resp: 69594

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	33.6	24.3	36.5

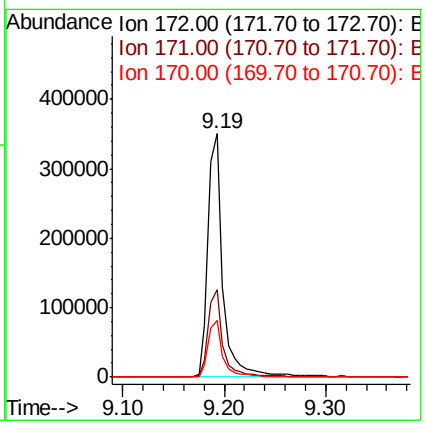


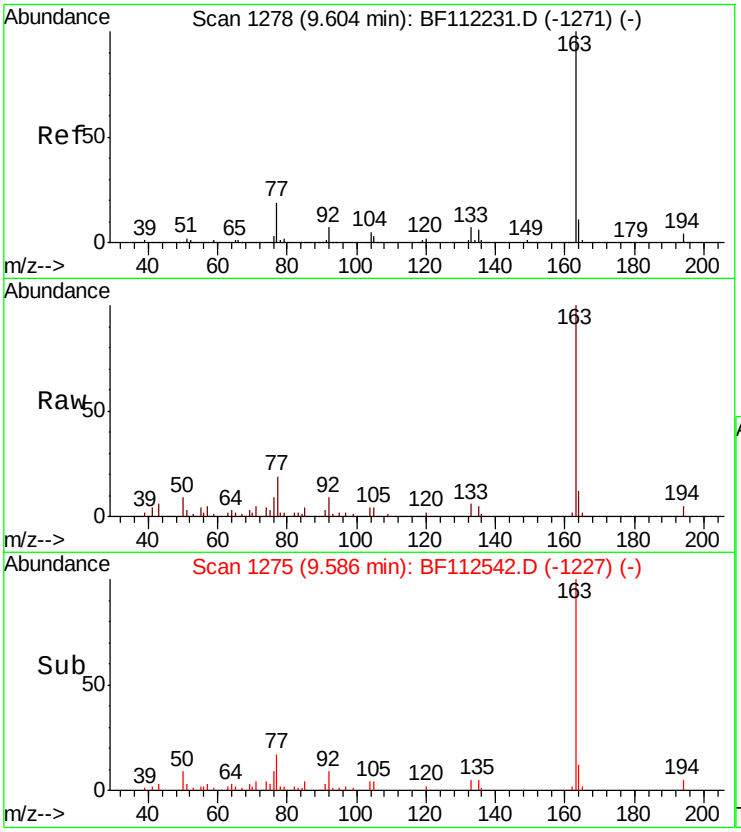


#45
2-Fluorobiphenyl
Concen: 30.212 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:172 Resp: 361706

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.3	20.2	30.4



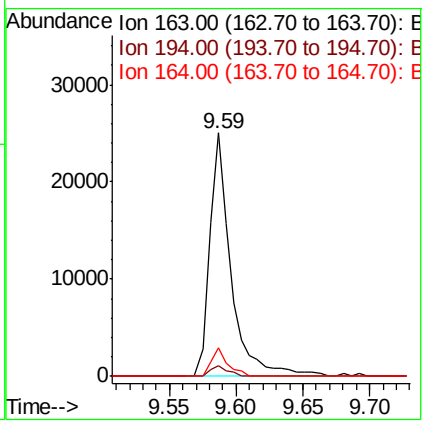


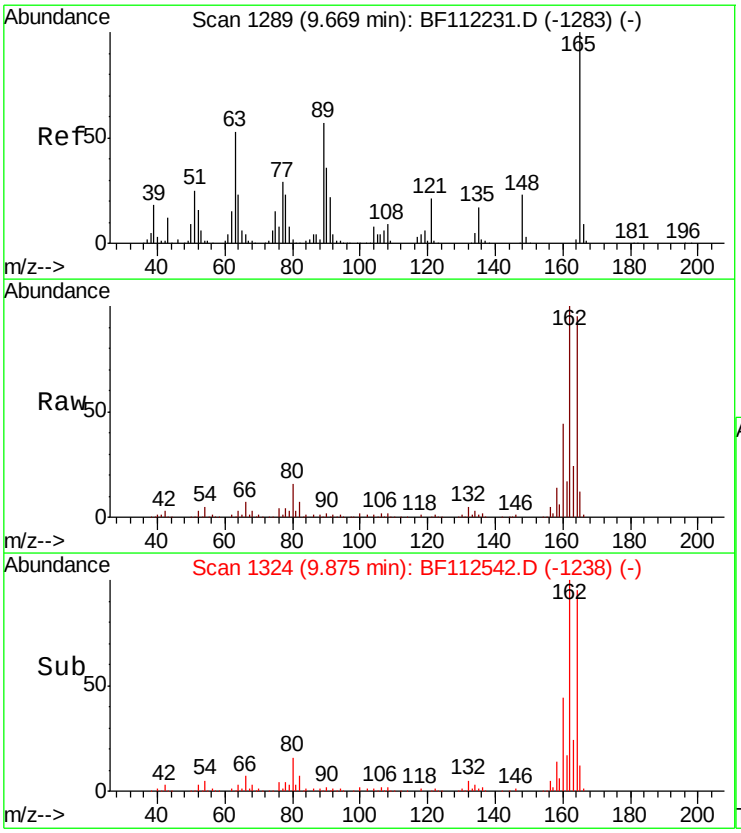
#50
Dimethylphthalate
Concen: 2.131 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:163 Resp: 28038

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	11.5	8.5	12.7

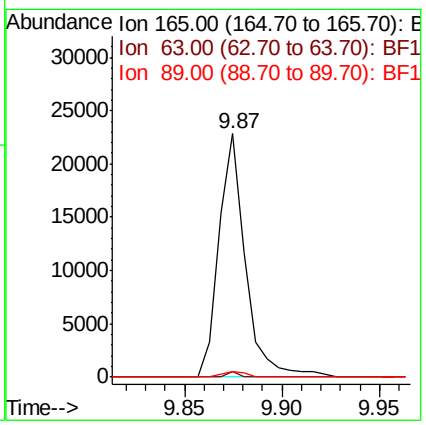


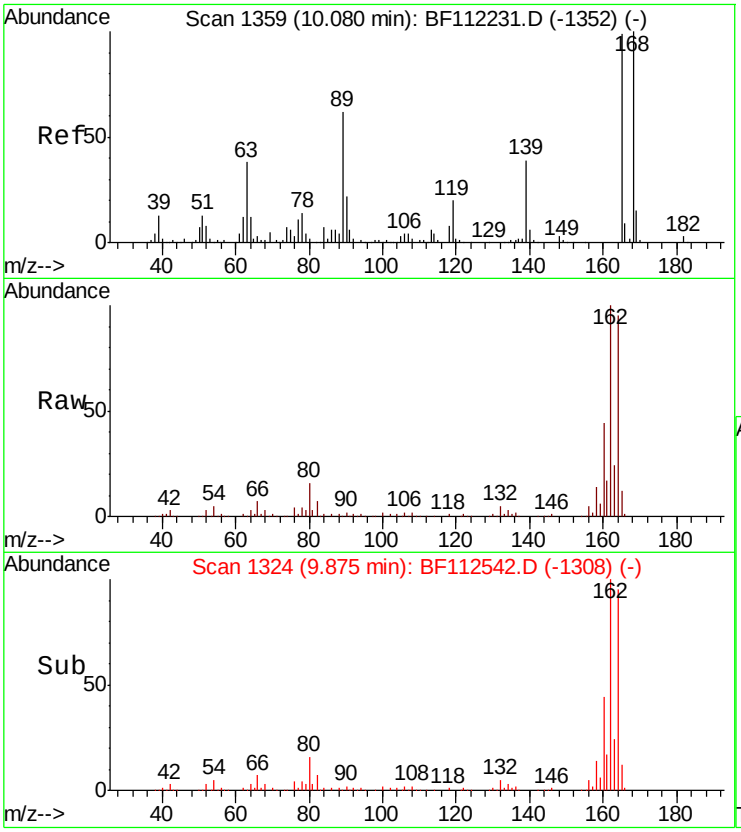


#51
2,6-Dinitrotoluene
Concen: 7.337 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:165 Resp: 21619

Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.8	50.8#
89	2.1	36.9	55.3#



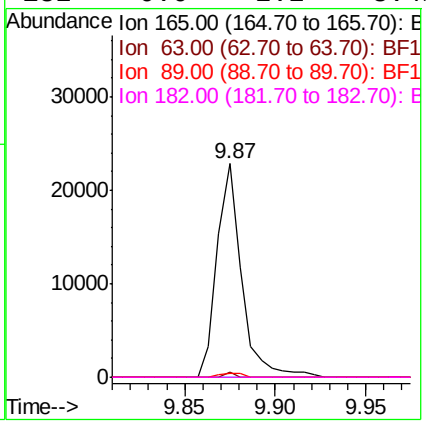


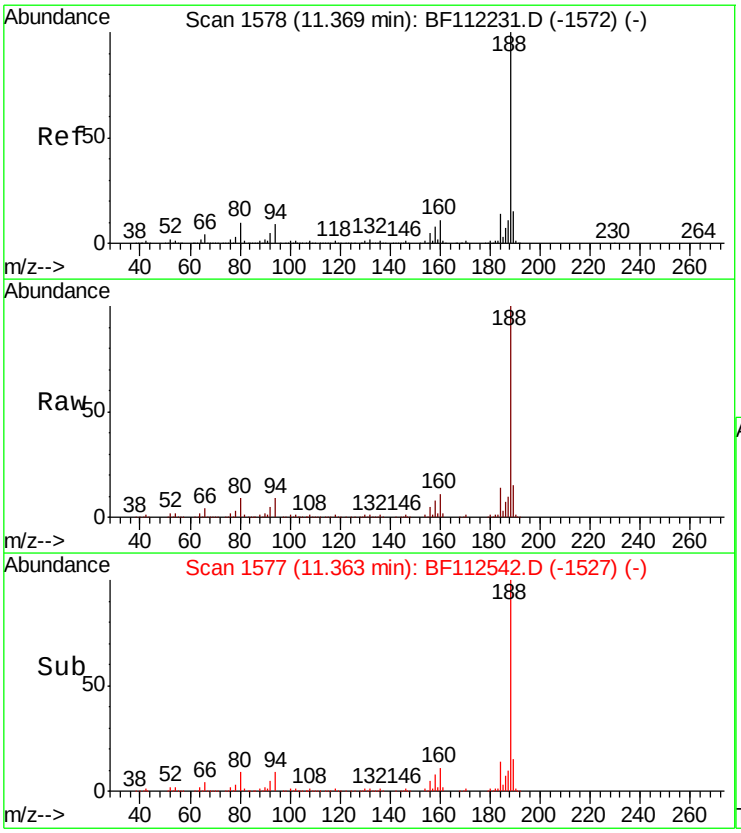
#57
2,4-Dinitrotoluene
Concen: 5.764 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:165 Resp: 21620

Ion	Ratio	Lower	Upper
165	100		
63	2.2	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#

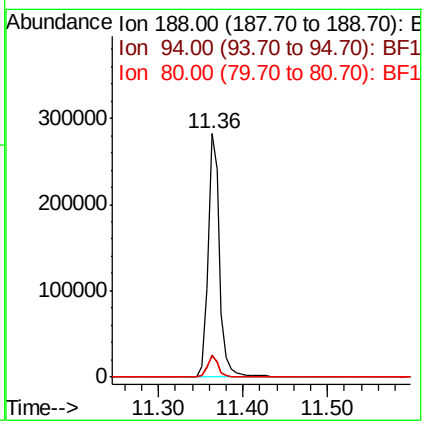


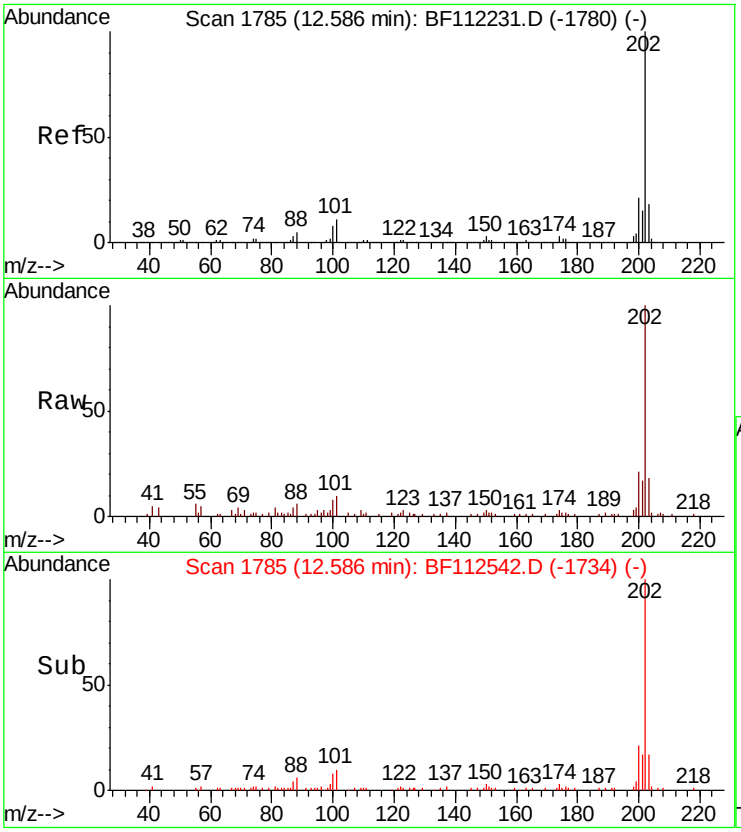


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:188 Resp: 272472

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	8.7	8.9	13.3#



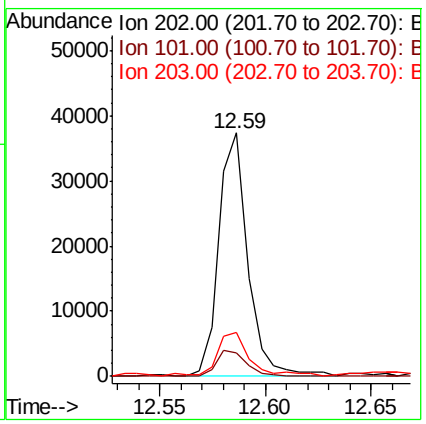


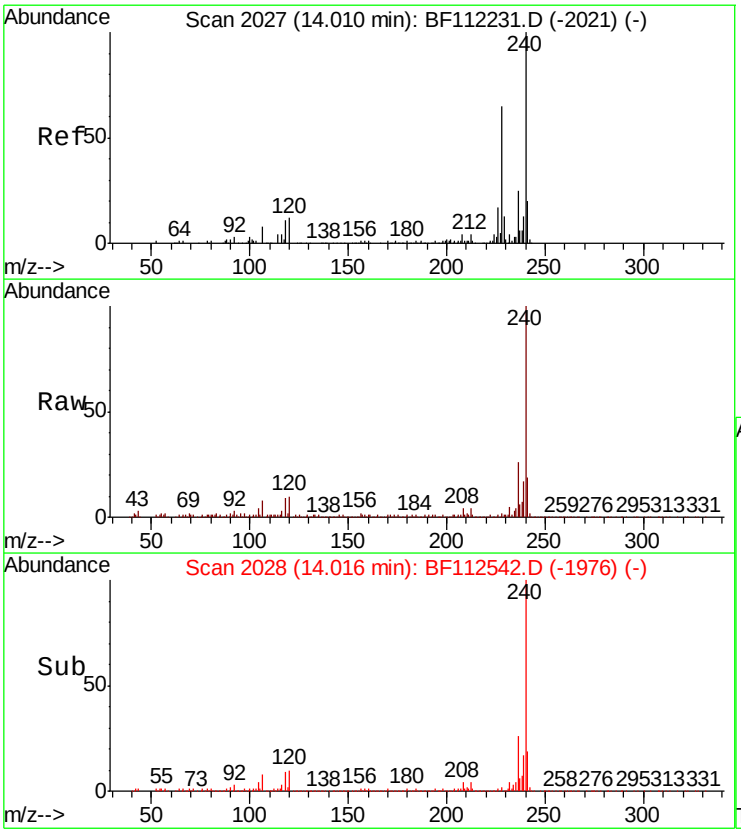
#75
Fluoranthene
Concen: 2.348 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:202 Resp: 35668

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.8
203	17.9	0.0	38.4

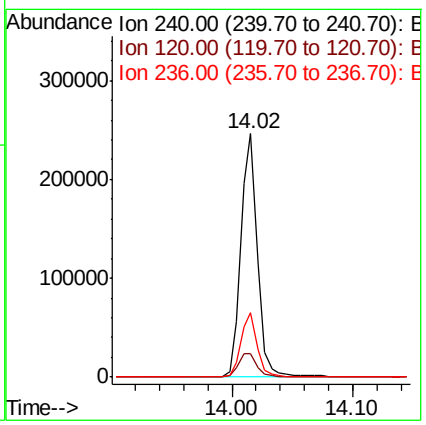


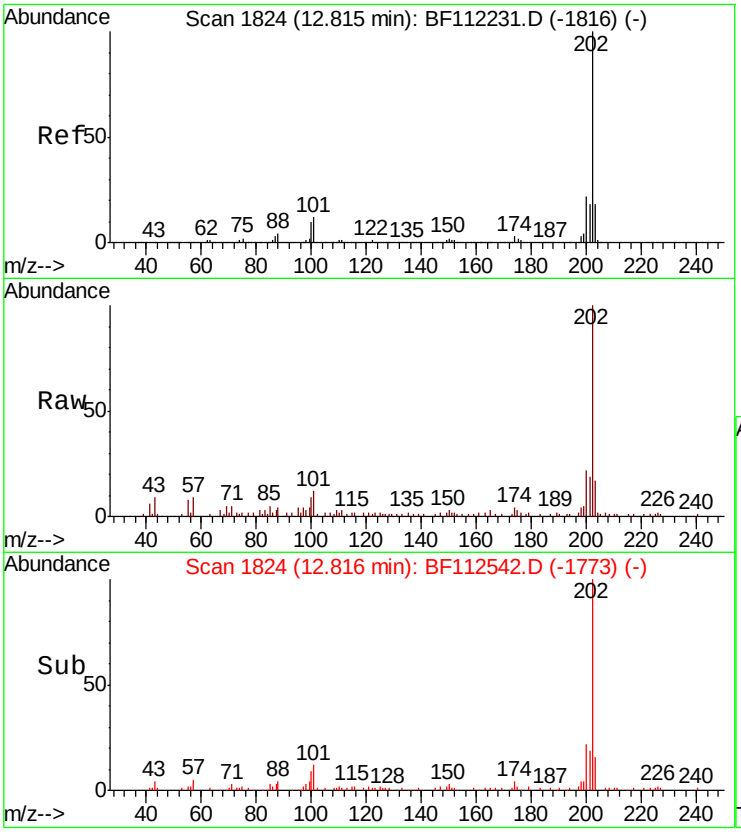


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:240 Resp: 236424

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.6
236	26.4	20.7	31.1



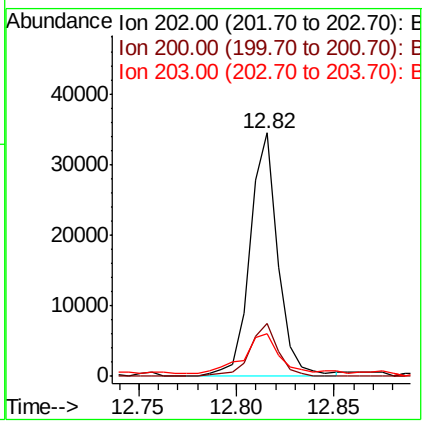


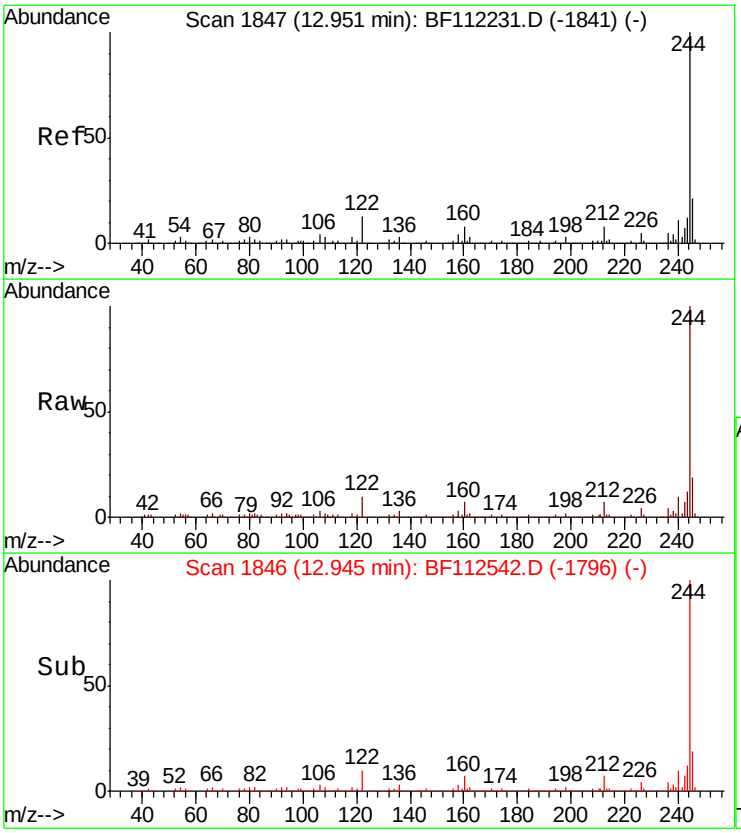
#78
Pyrene
Concen: 2.097 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:202 Resp: 34318

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.4	14.6	22.0

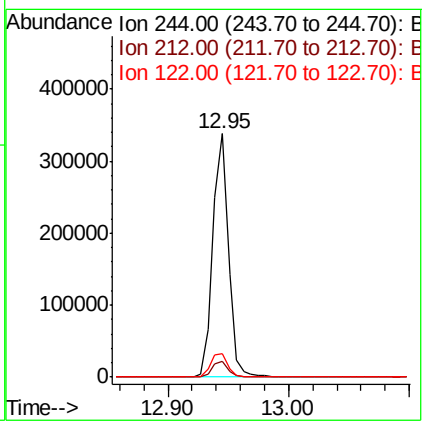


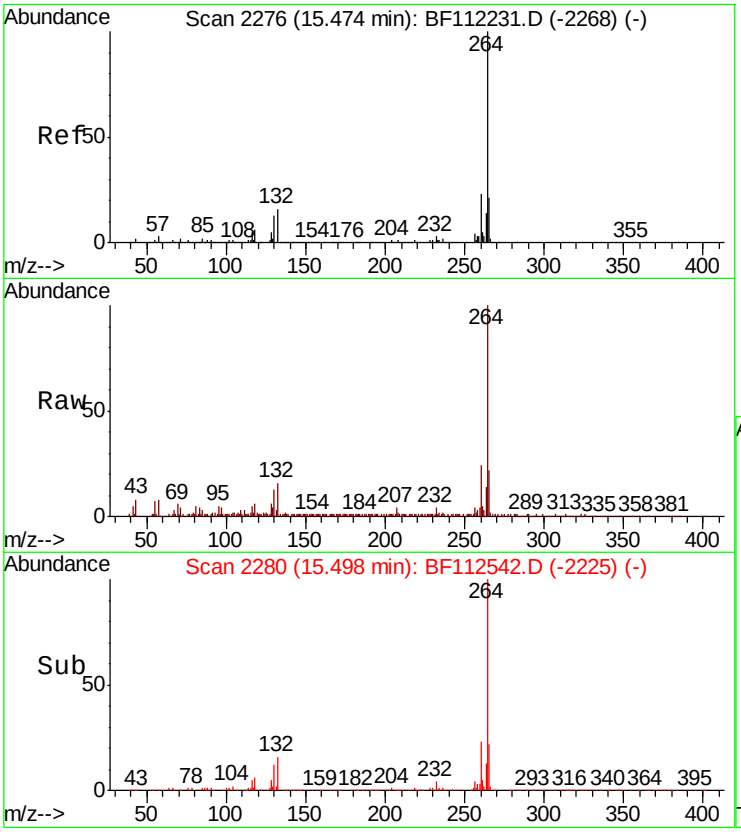


#79
Terphenyl-d14
Concen: 23.866 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:244 Resp: 299580

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	9.8	9.8	14.6



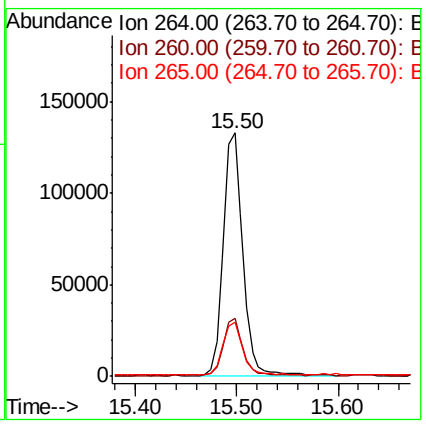


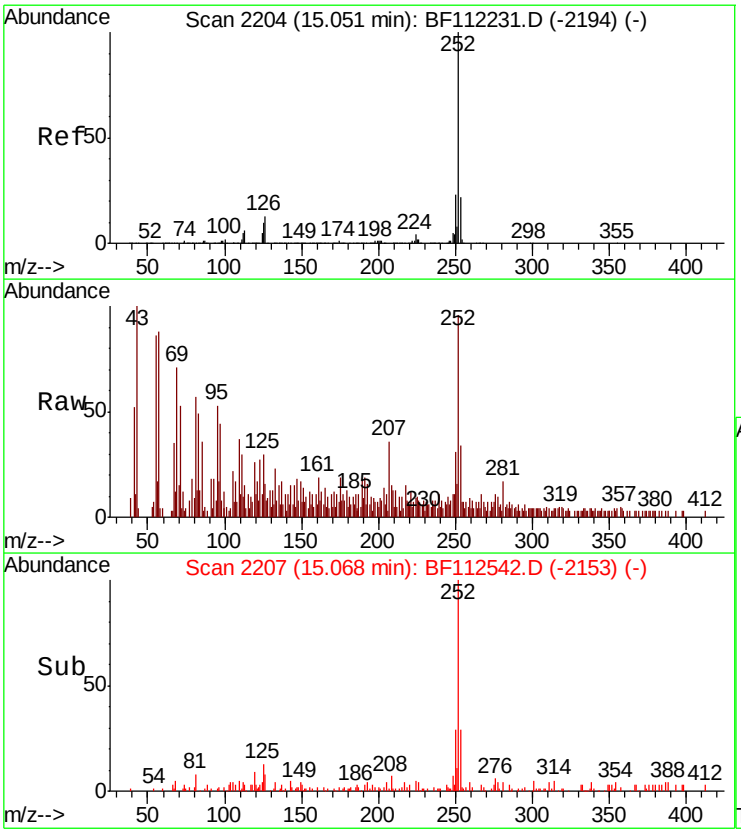
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:264 Resp: 176662

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	22.0	17.0	25.4

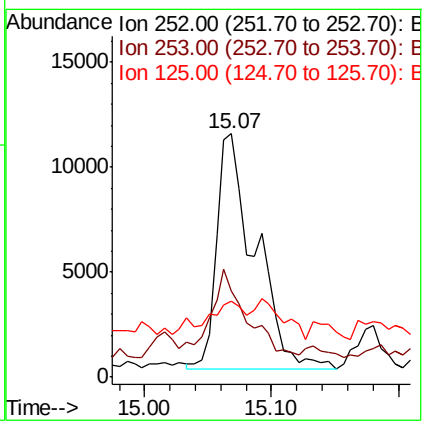


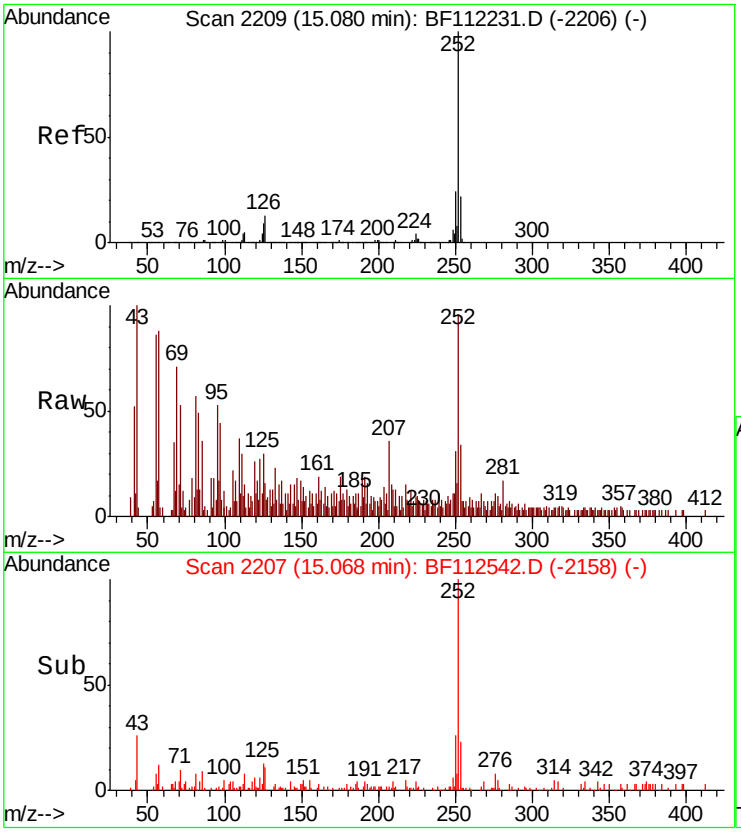


#88
Benzo(b)fluoranthene
Concen: 2.234 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.02 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Tgt Ion:252 Resp: 23604

Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.0	27.0#
125	31.1	8.7	13.1#





#89
Benzo(k)fluoranthene
Concen: 2.332 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112542.D
Acq: 13 Feb 2019 16:46

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-N

Tgt Ion:252 Resp: 23604

Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.0	27.0#
125	31.1	9.1	13.7#