Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112598.D
Acq On : 18 Feb 2019 13:57
Operator : JU/SJ
Sample : K1358-03 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 18 14:29:42 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	6.82	152	120267	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	477388	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	217511	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	348638	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	257759	20.00	ng		0.00
87) Perylene-d12	15.48	264	212609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	331395	58.53	ng		-0.02
7) Phenol-d6	6.47	99	418113	53.14	ng		-0.02
23) Nitrobenzene-d5	7.39	82	268794	32.44	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	112211	44.32	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	475804	30.94	ng		-0.03
79) Terphenyl-d14	12.93	244	362074	26.46	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	8782	2.136	ng		84
19) n-Nitroso-di-n-propylamine	7.39	70	37497	6.912	ng	#	73
25) Isophorone	7.39	82	268791	20.680	ng	#	64
57) 2,4-Dinitrotoluene	9.86	165	29226	6.066	ng	#	32
71) Phenanthrene	11.37	178	40632	2.242	ng		97
75) Fluoranthene	12.57	202	45692	2.350	ng		98
78) Pyrene	12.81	202	51060	2.861	ng		98
88) Benzo(b)fluoranthene	15.05	252	37178	2.924	ng	#	86
89) Benzo(k)fluoranthene	15.05	252	37178	3.053	ng	#	86

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

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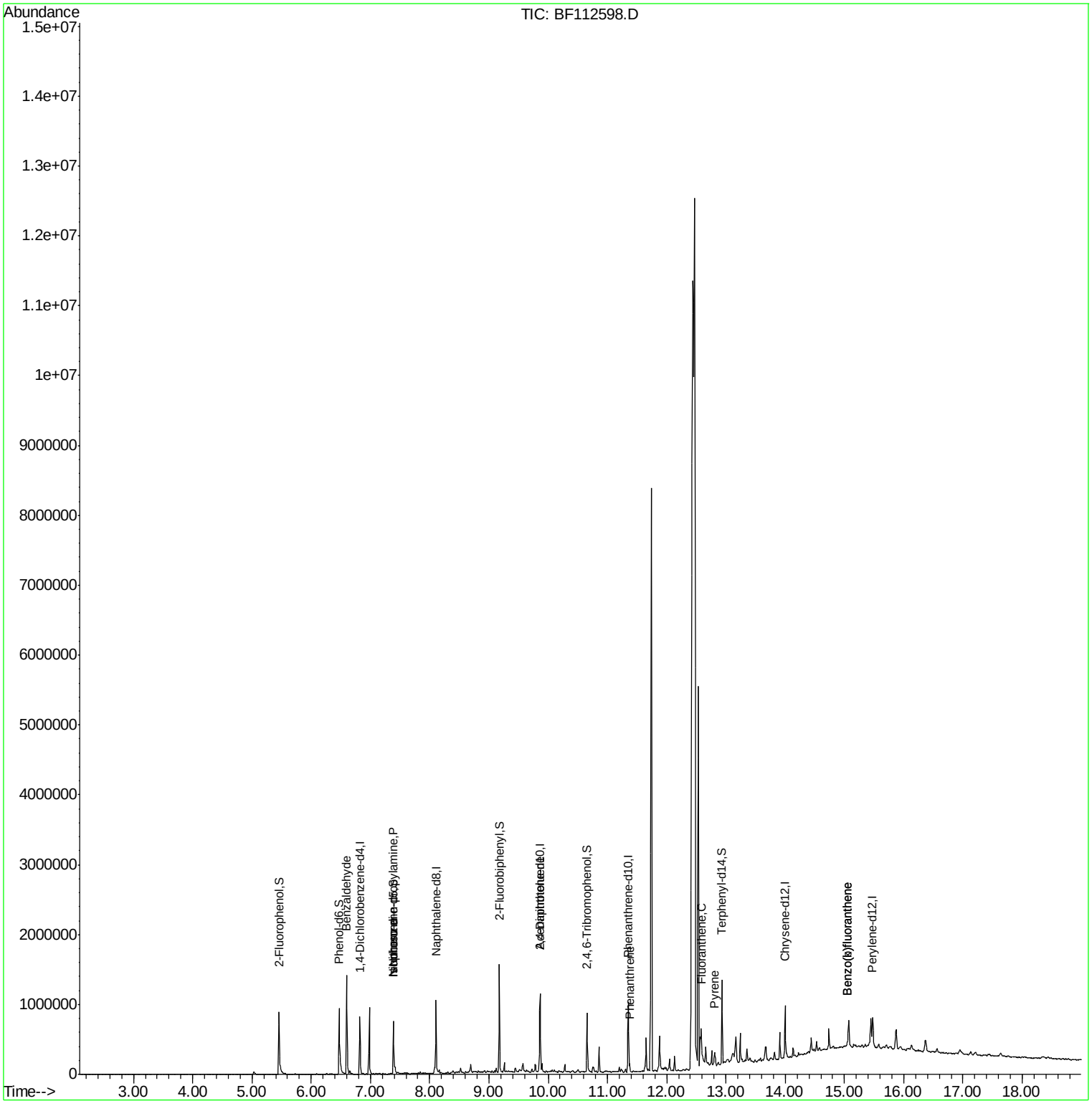
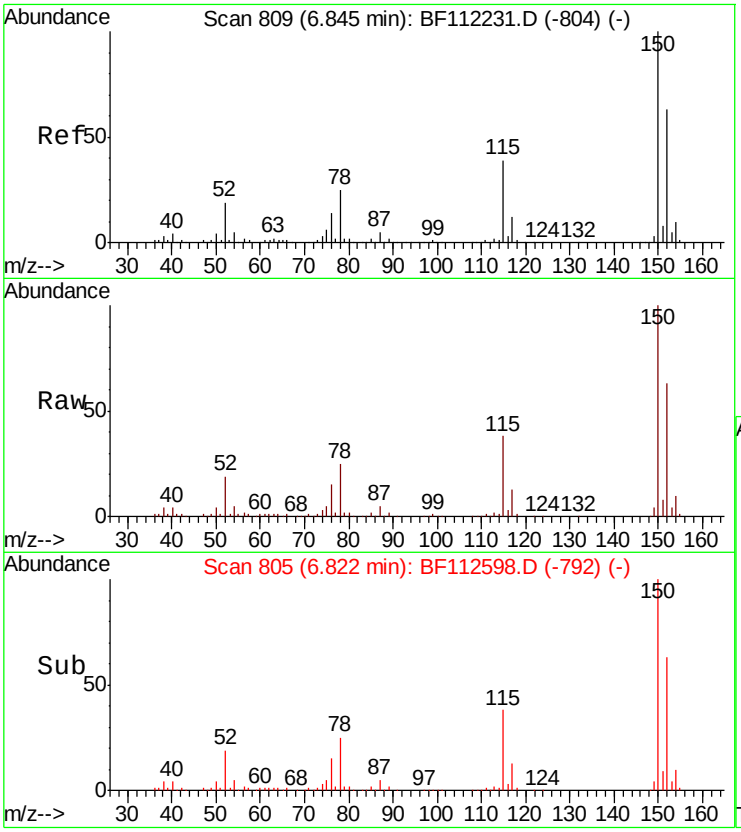


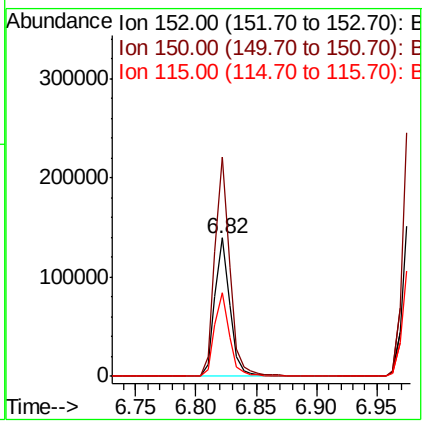


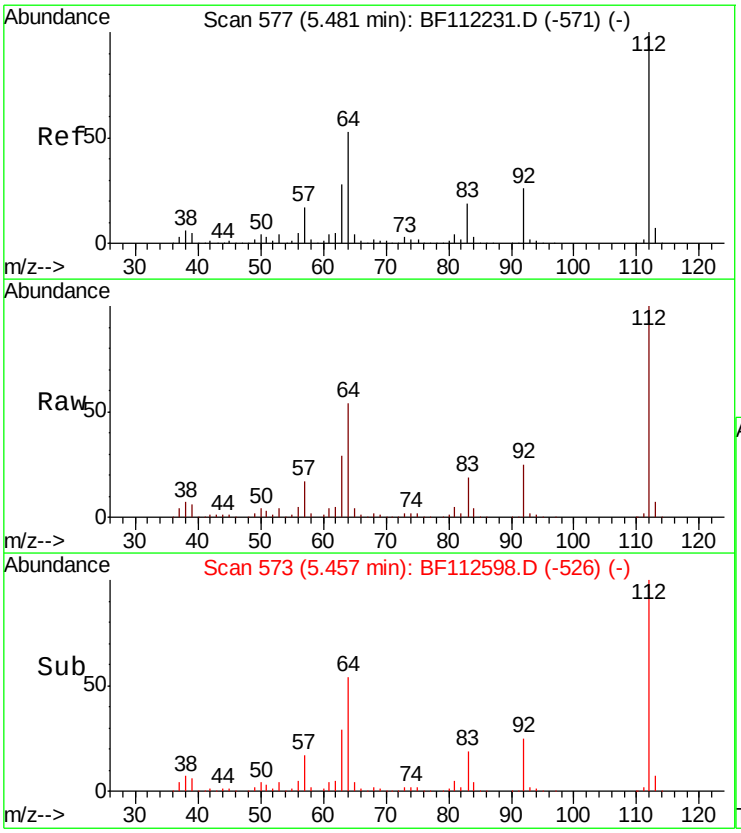
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 120267

Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.4	191.0
115	60.0	45.5	68.3

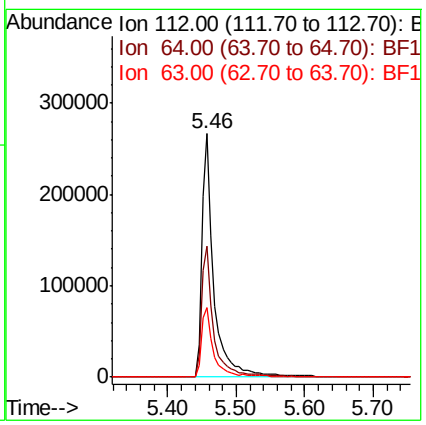


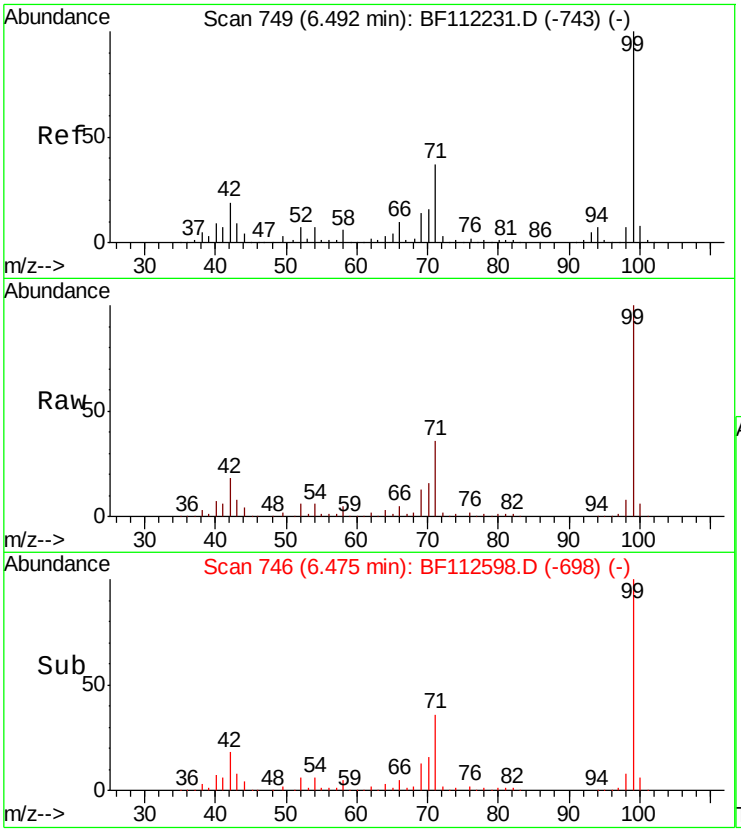


#5
2-Fluorophenol
Concen: 58.528 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:112 Resp: 331395

Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.7	68.5
63	28.6	23.6	35.4



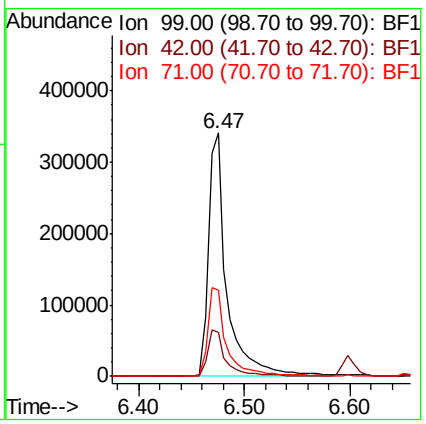


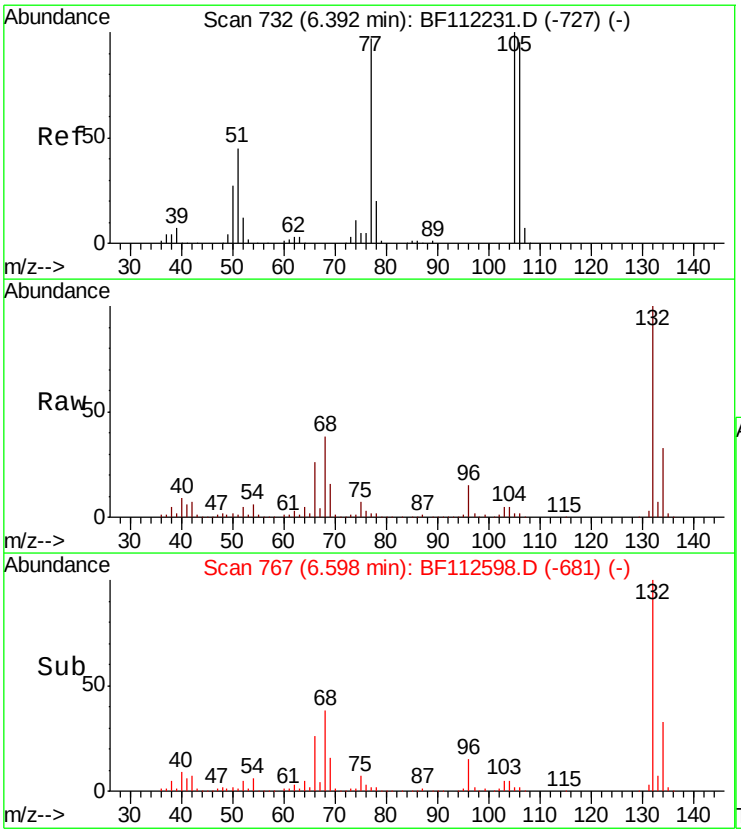
#7
Phenol-d6
Concen: 53.142 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 418113

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.1	22.7
71	35.5	26.9	40.3

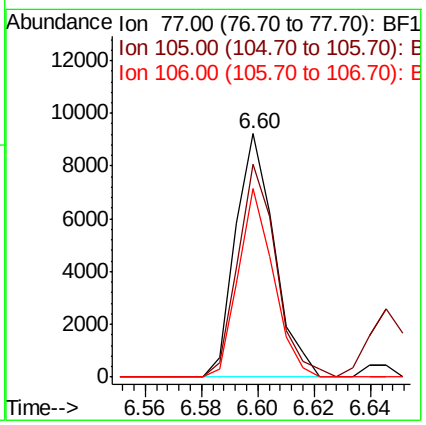


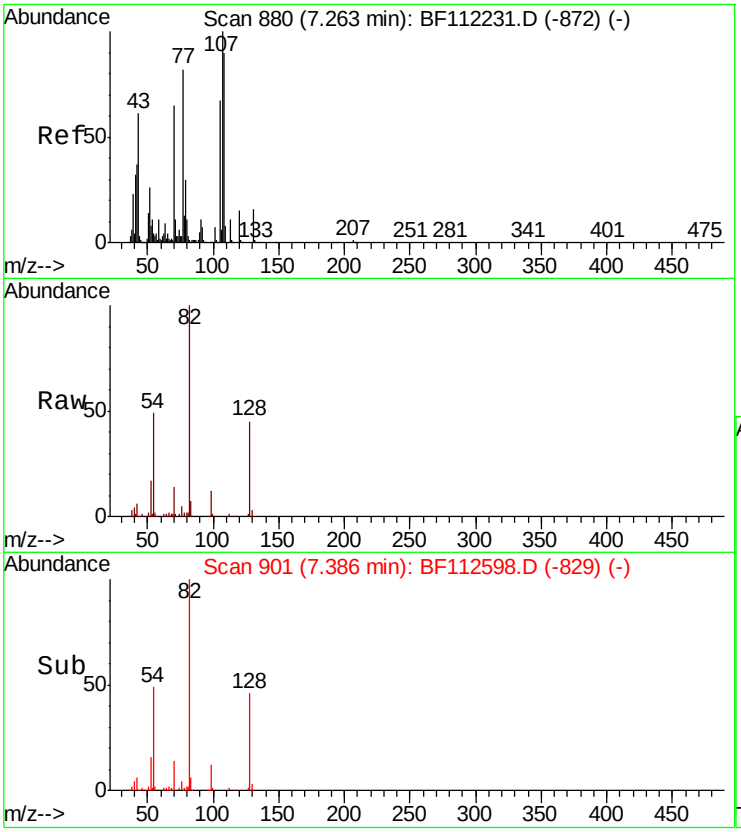


#9
Benzaldehyde
Concen: 2.136 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion: 77 Resp: 8782

Ion	Ratio	Lower	Upper
77	100		
105	87.6	80.8	120.8
106	77.2	75.7	115.7



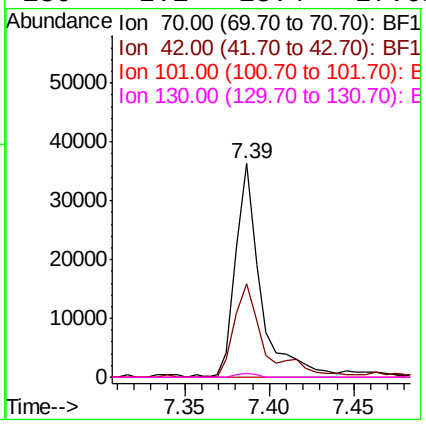


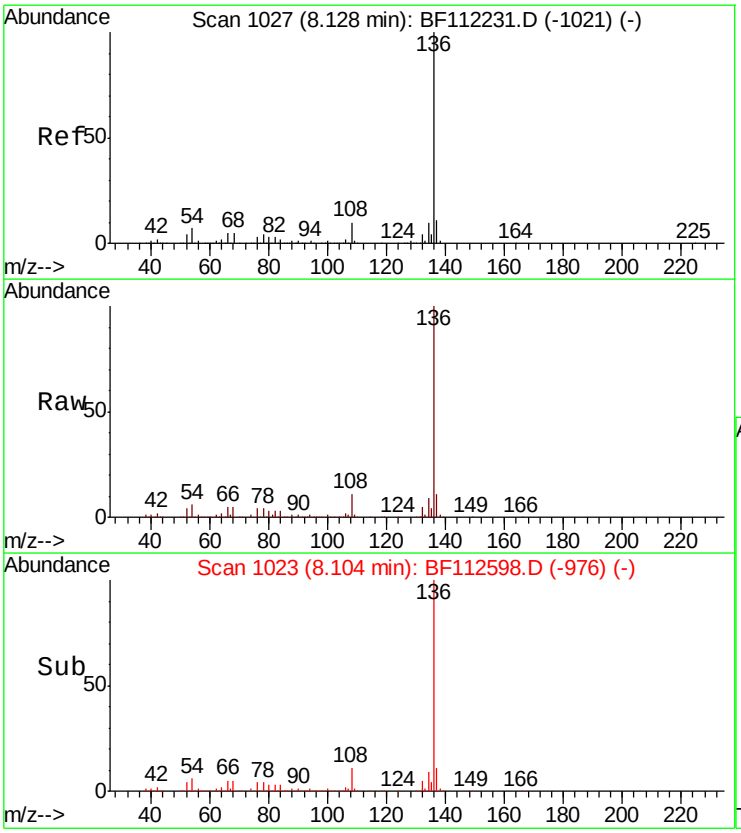
#19
n-Nitroso-di-n-propylamine
Concen: 6.912 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 37497

Ion	Ratio	Lower	Upper
70	100		
42	44.0	47.6	71.4#
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#

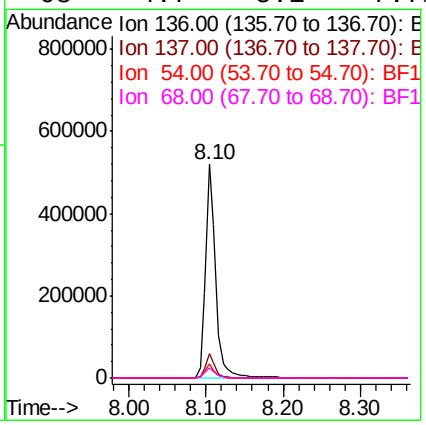


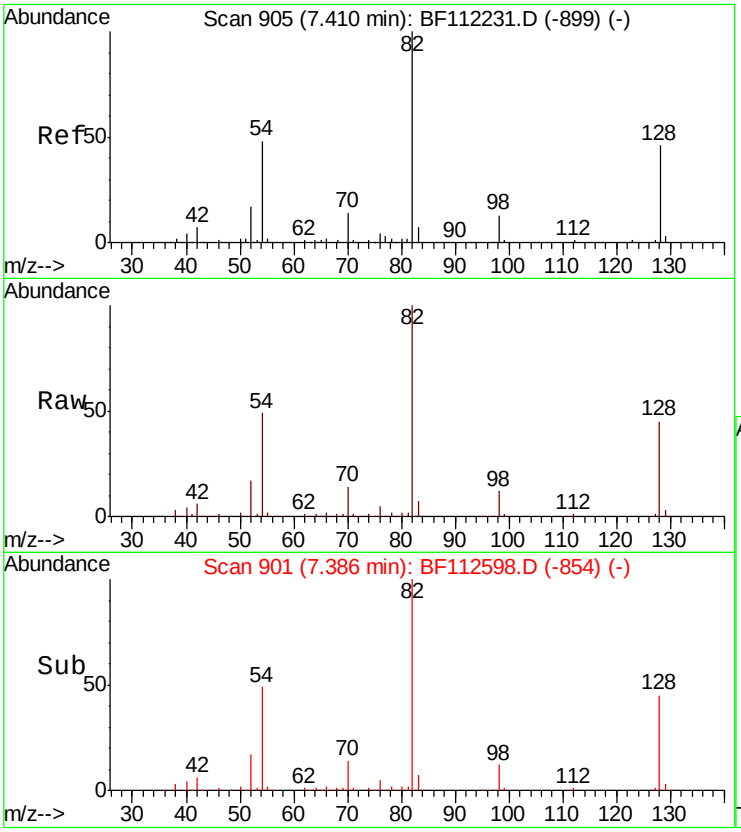


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:136 Resp: 477388

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.4	5.9	8.9
68	4.7	5.1	7.7#



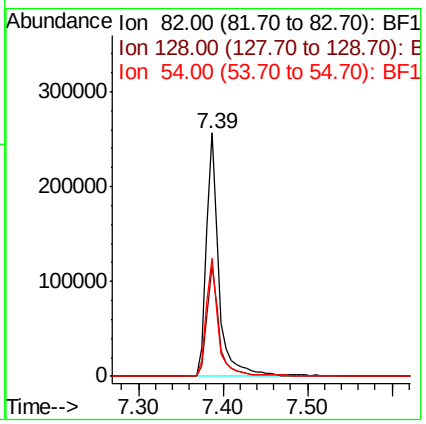


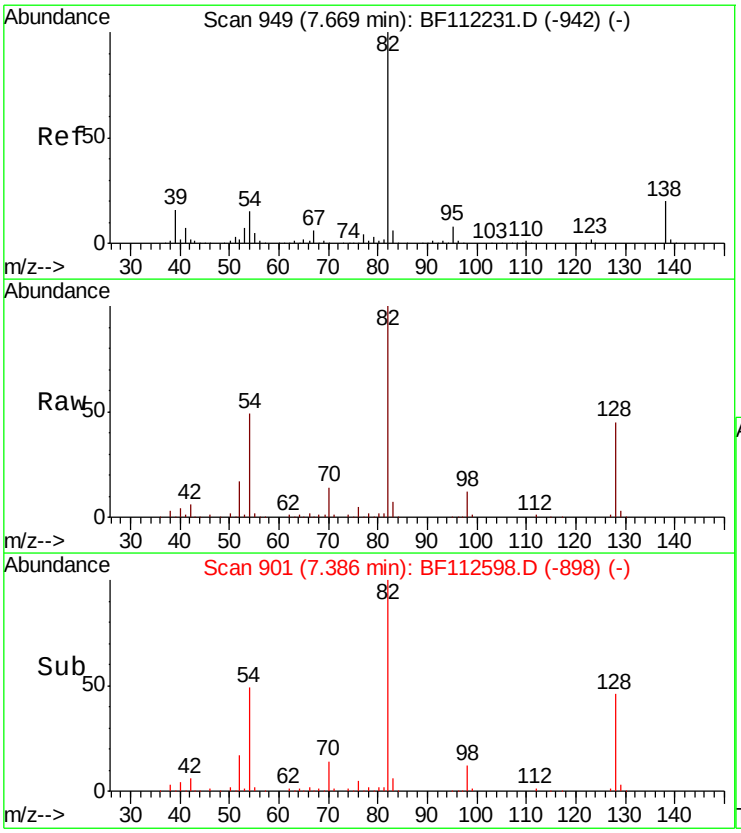
#23
Nitrobenzene-d5
Concen: 32.443 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 268794

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.8	56.8
54	48.7	39.7	59.5

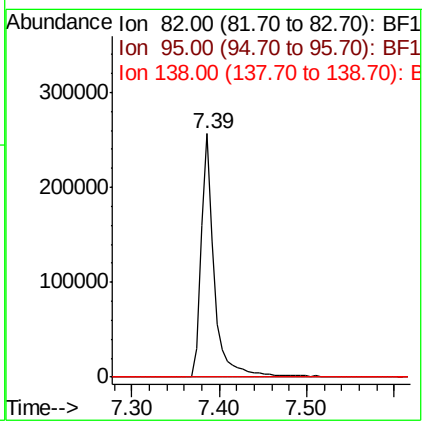


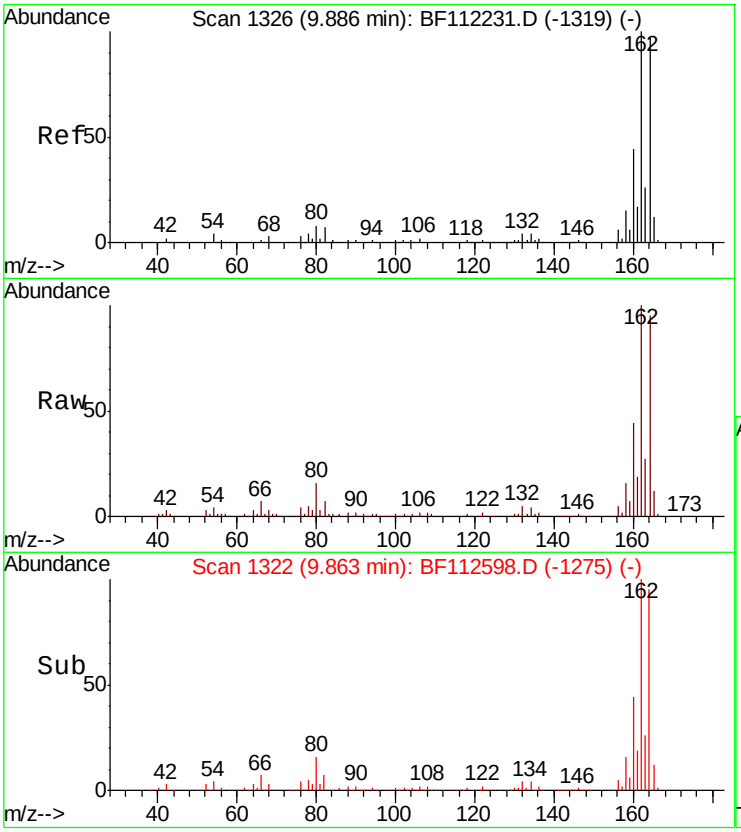


#25
Isophorone
Concen: 20.680 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion: 82 Resp: 268791

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#



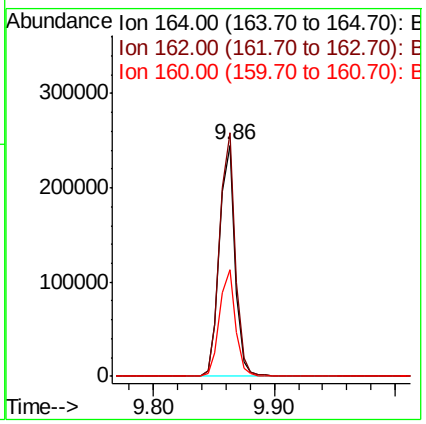


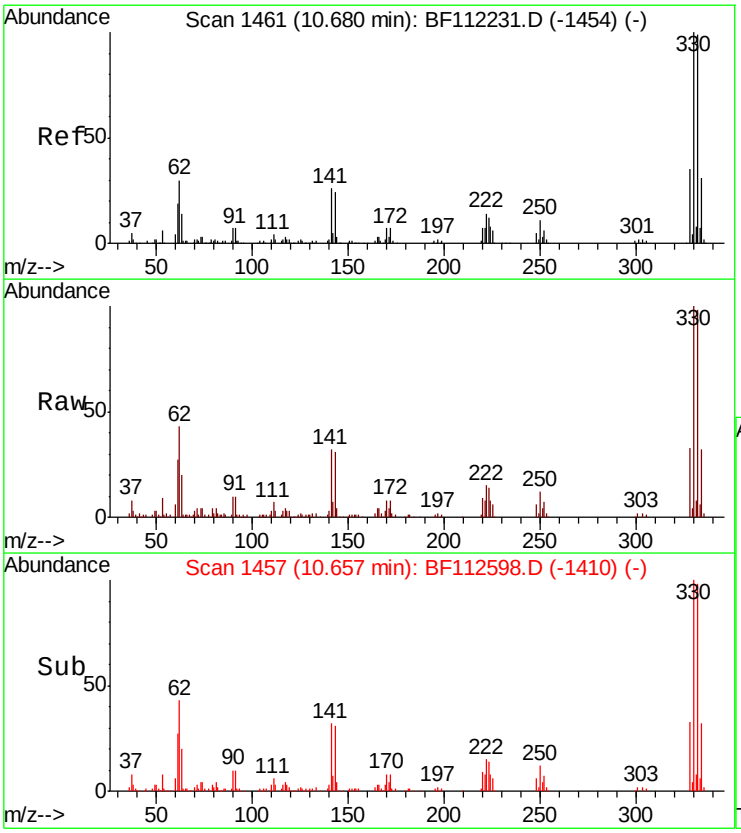
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 217511

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.2	123.4
160	45.9	36.2	54.4

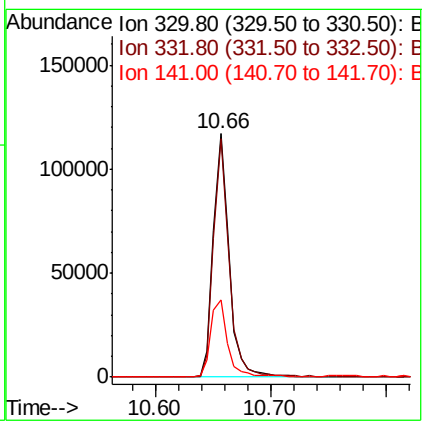


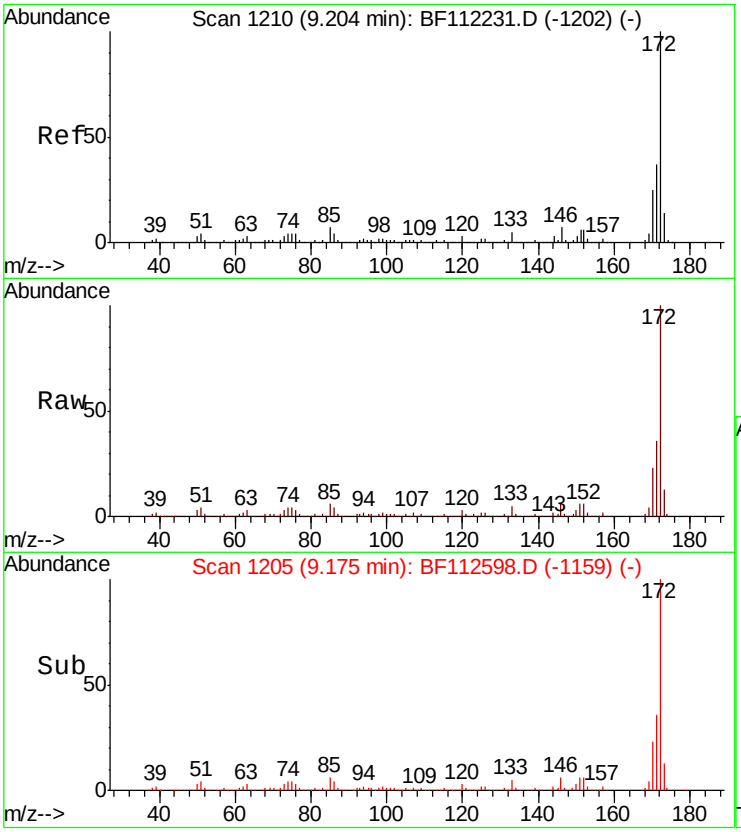


#42
2,4,6-Tribromophenol
Concen: 44.321 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:330 Resp: 112211

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	34.9	24.3	36.5



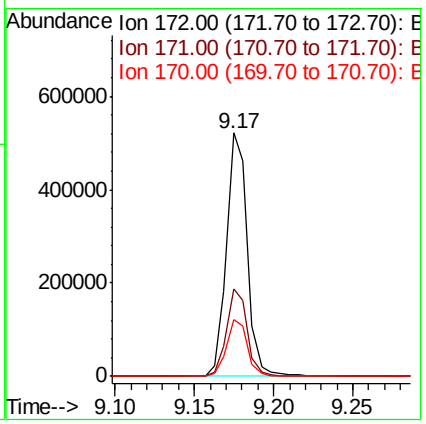


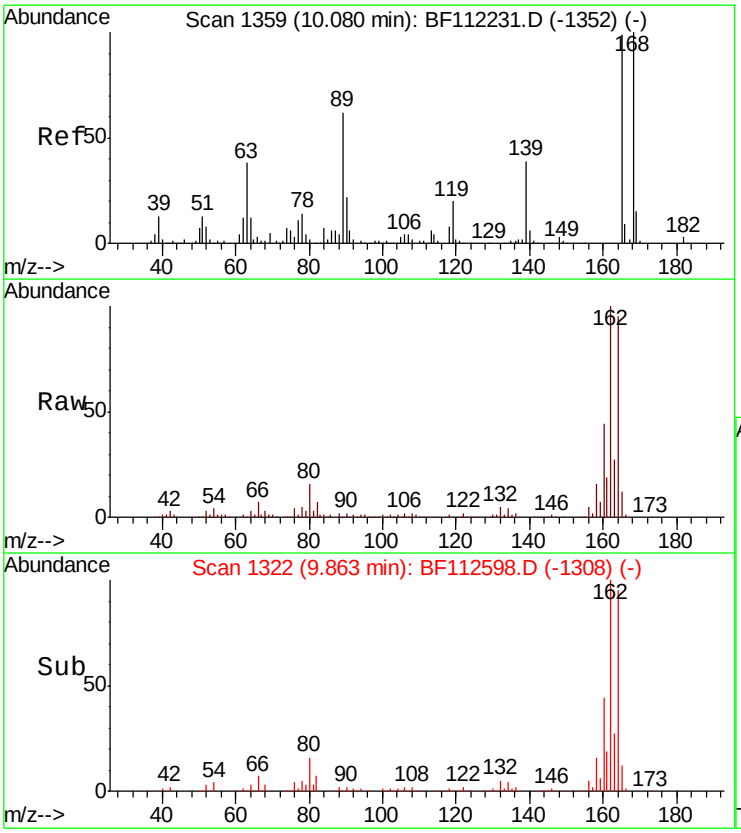
#45
2-Fluorobiphenyl
Concen: 30.939 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 475804

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.5	20.2	30.4

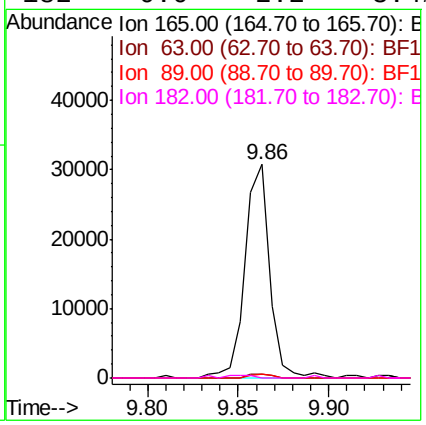


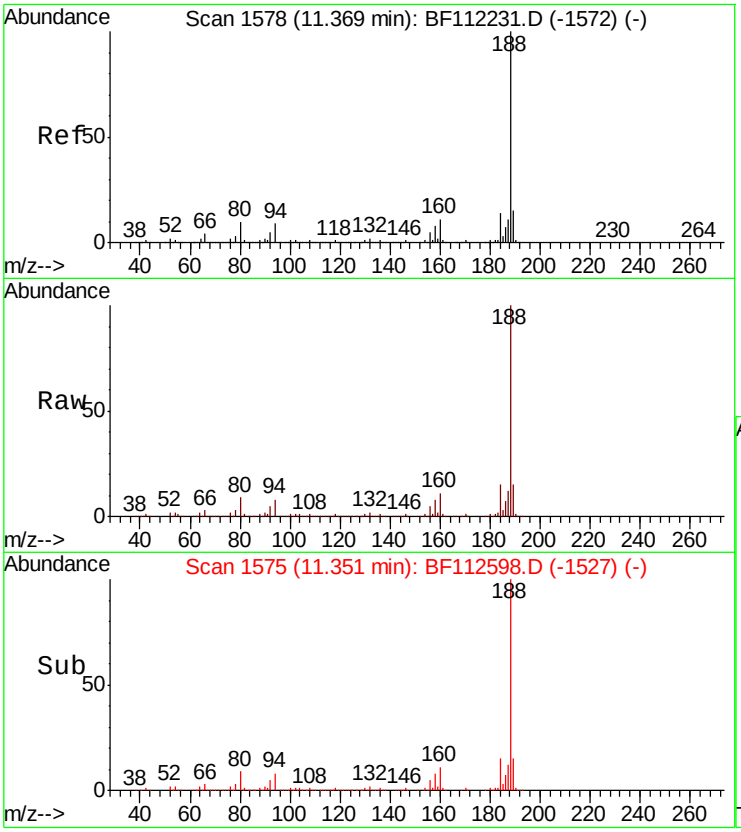


#57
2,4-Dinitrotoluene
Concen: 6.066 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:165 Resp: 29226

Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	2.1	47.9	71.9#
182	0.0	2.2	3.4#



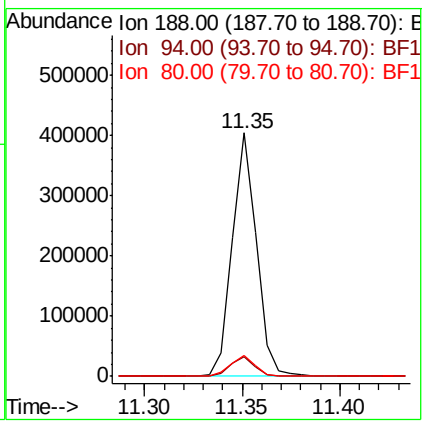


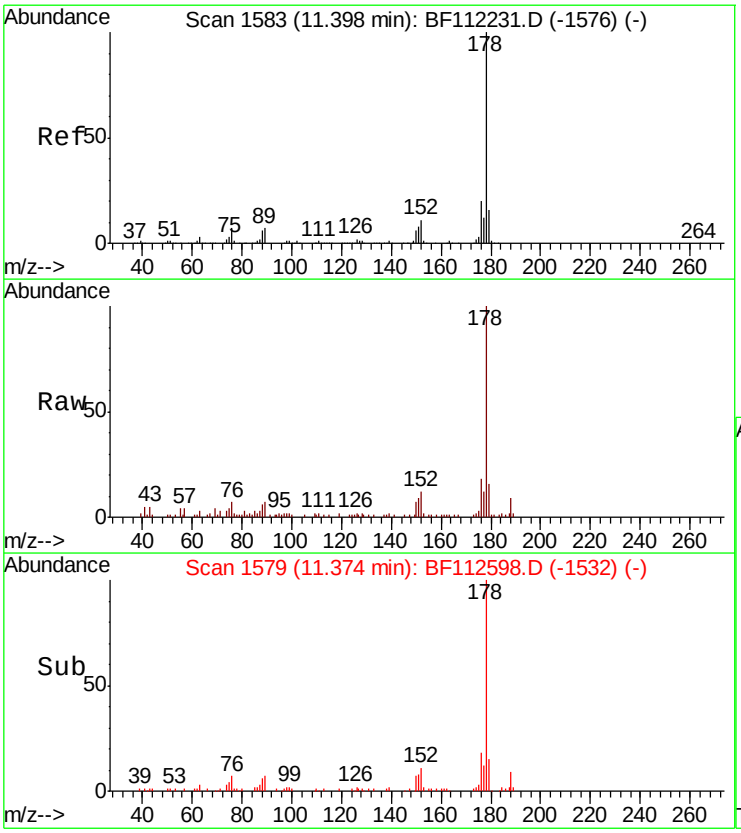
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 348638

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.9	13.3#

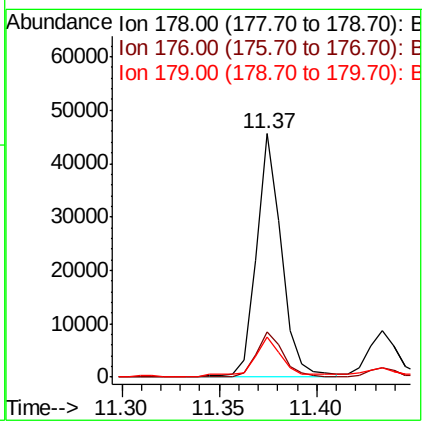


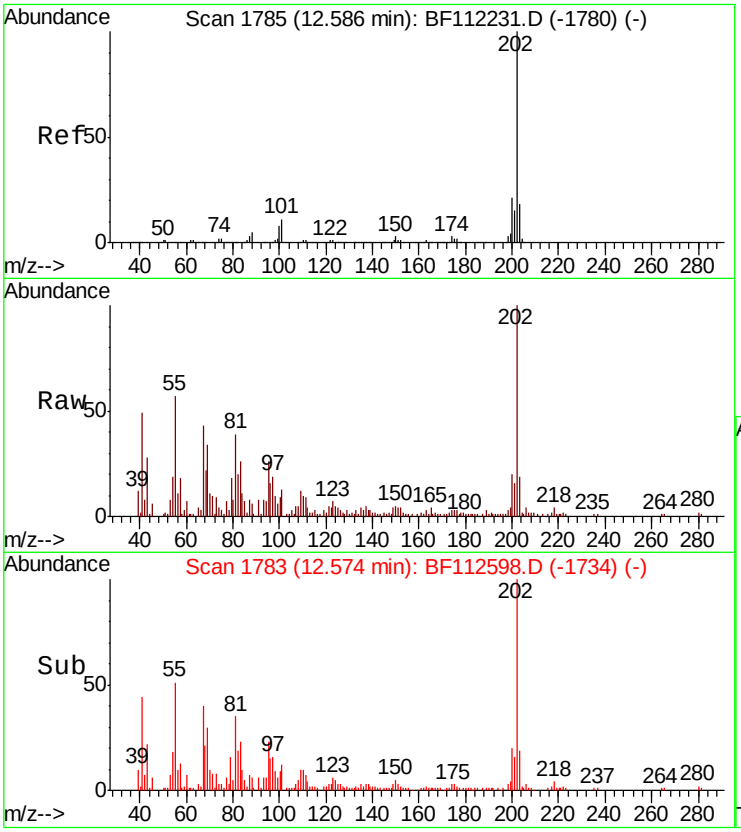


#71
Phenanthrene
Concen: 2.242 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:178 Resp: 40632

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.3	24.5
179	16.5	13.0	19.4



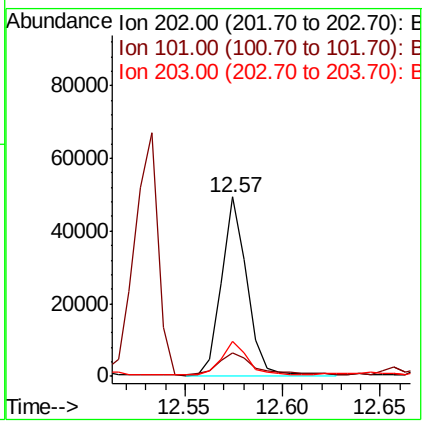


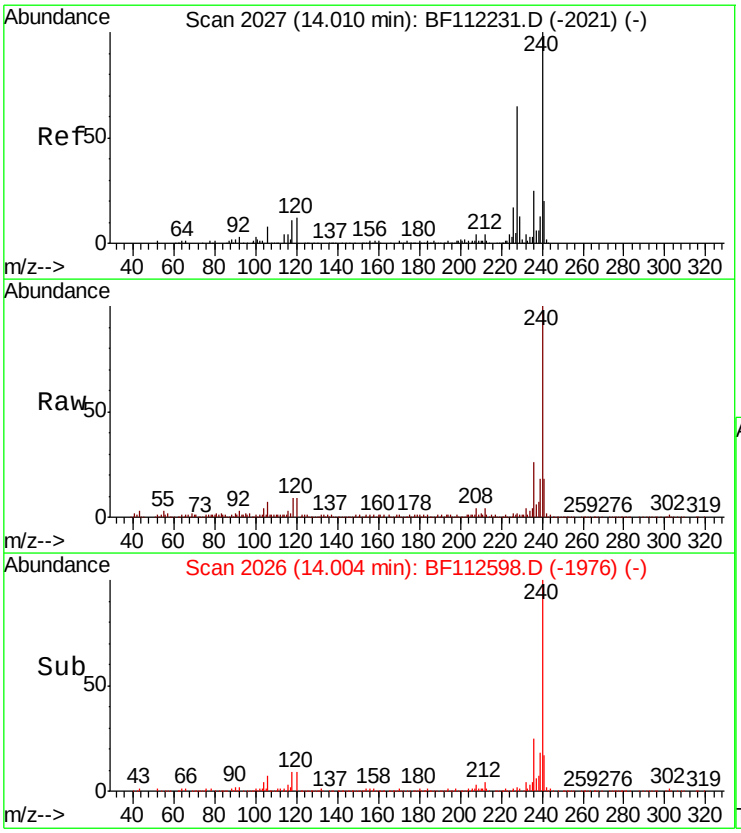
#75
Fluoranthene
Concen: 2.350 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 45692

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.8
203	19.3	0.0	38.4

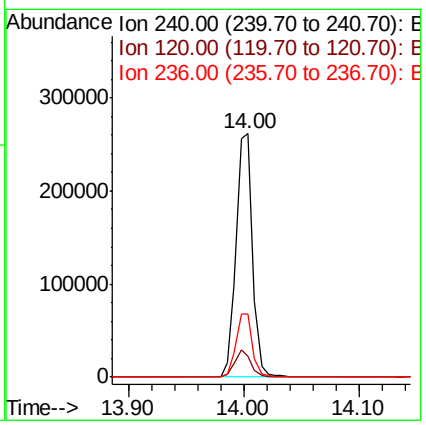


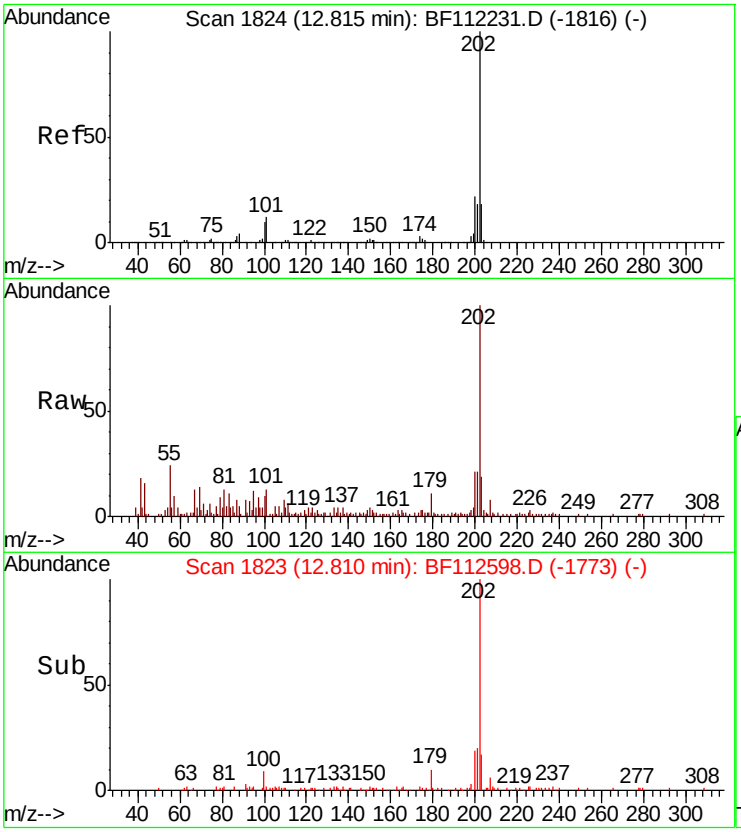


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:240 Resp: 257759

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.0	13.6#
236	25.7	20.7	31.1



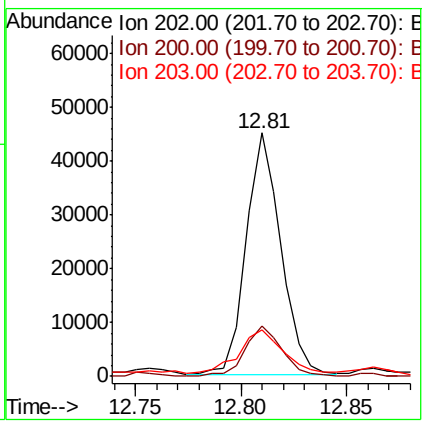


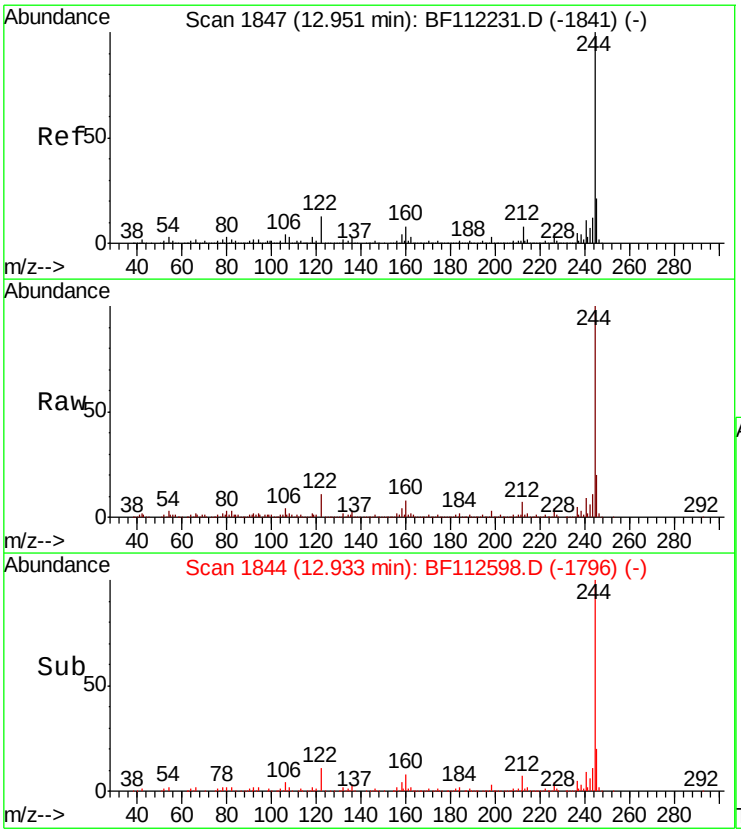
#78
Pyrene
Concen: 2.861 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 51060

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	18.9	14.6	22.0

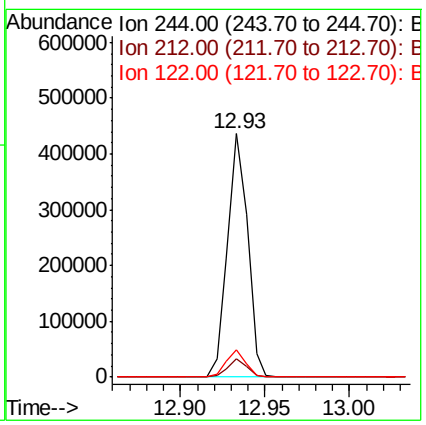


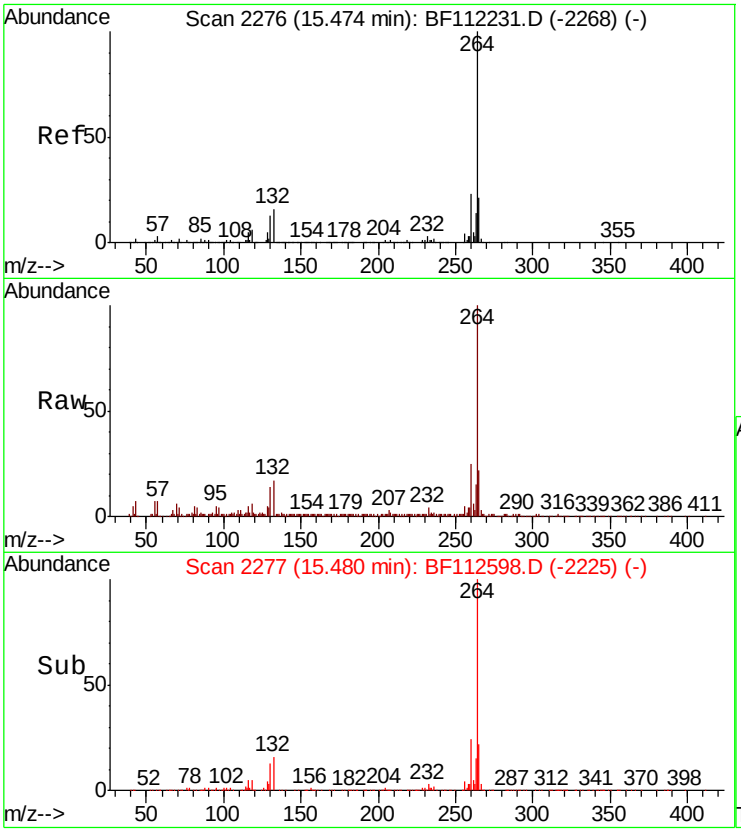


#79
Terphenyl-d14
Concen: 26.457 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:244 Resp: 362074

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.5	9.8	14.6



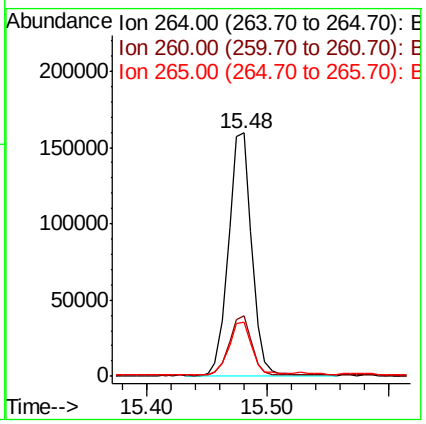


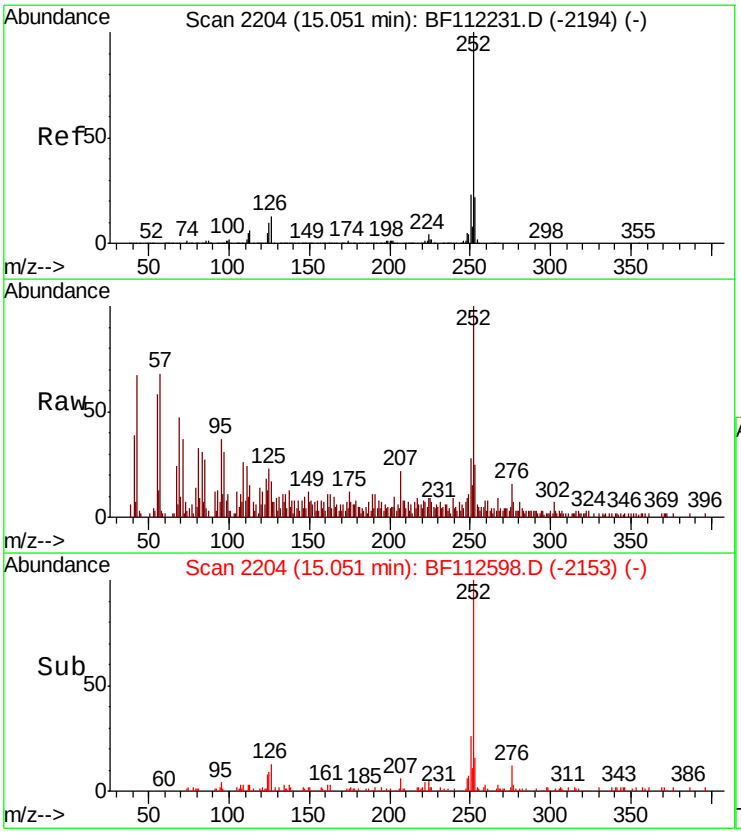
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 212609

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	22.1	17.0	25.4

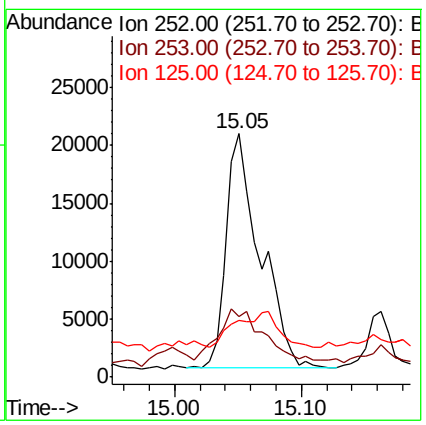


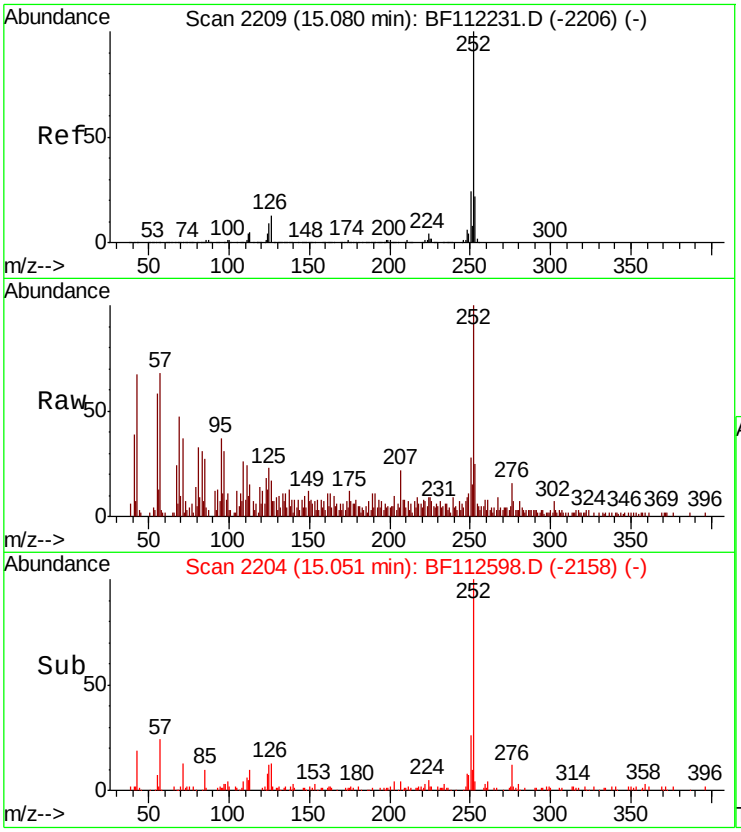


#88
Benzo(b)fluoranthene
Concen: 2.924 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Tgt Ion:252 Resp: 37178

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	23.1	8.7	13.1#





#89
Benzo(k)fluoranthene
Concen: 3.053 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF112598.D
Acq: 18 Feb 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 37178

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	23.1	9.1	13.7#