Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112207.D
Acq On : 24 Jan 2019 14:23
Operator : JU/SJ
Sample : PB116593BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 14:51:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	251758	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	996811	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	508516	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1056581	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	893564	20.00	ng	0.00
87) Perylene-d12	15.49	264	774234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1696799	122.33	ng	0.00
7) Phenol-d6	6.50	99	2143297	123.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	1384106	95.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	758094	138.19	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2834543	81.72	ng	0.00
79) Terphenyl-d14	12.96	244	3151107	75.02	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	3391	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	188334	17.814	ng	# 74
25) Isophorone	7.42	82	1360382	48.815	ng	# 63
51) 2,6-Dinitrotoluene	9.89	165	66545	8.985	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	66546	10.913	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	1490	10.337	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	46281	3.771	ng	# 1

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

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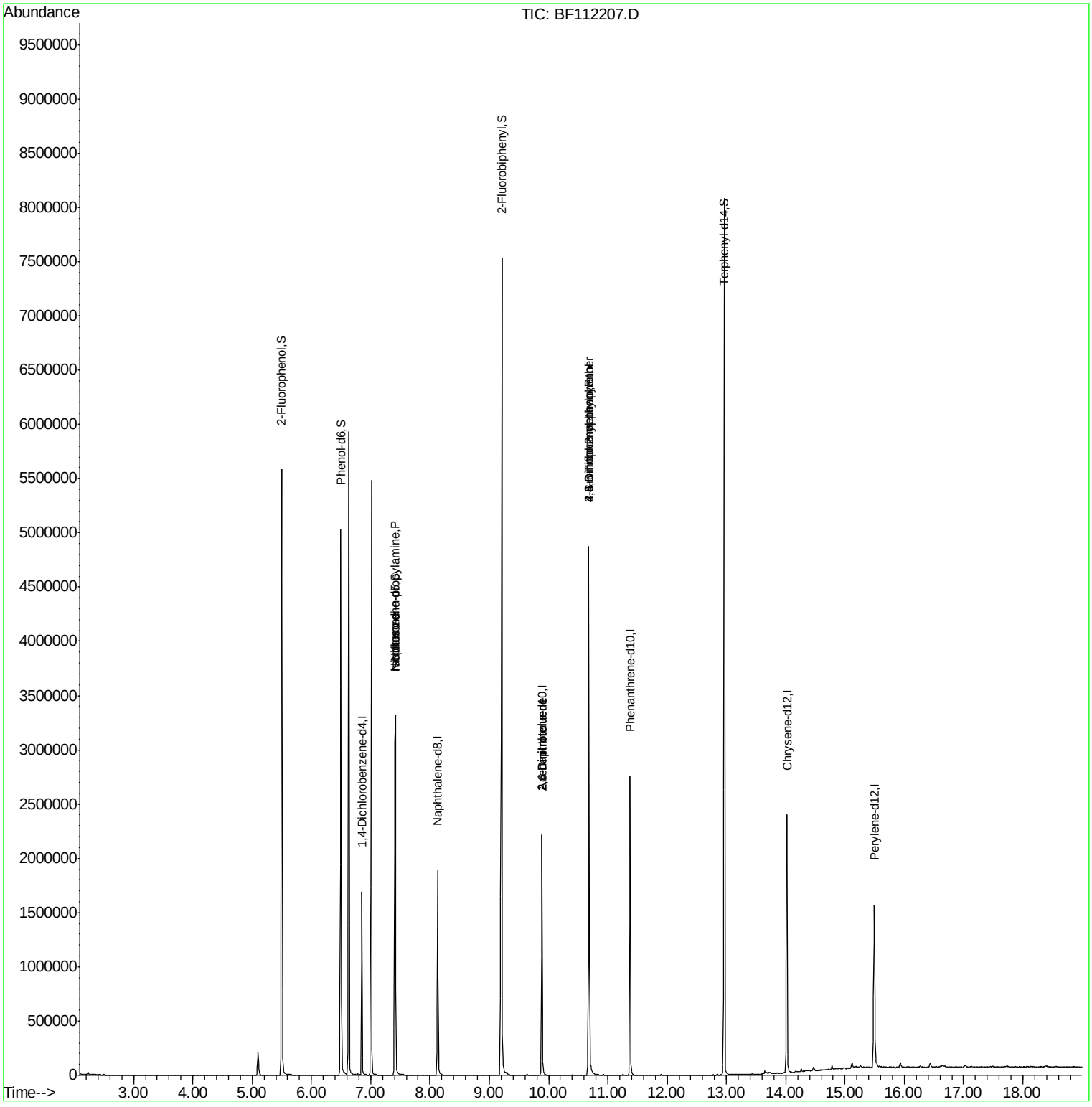
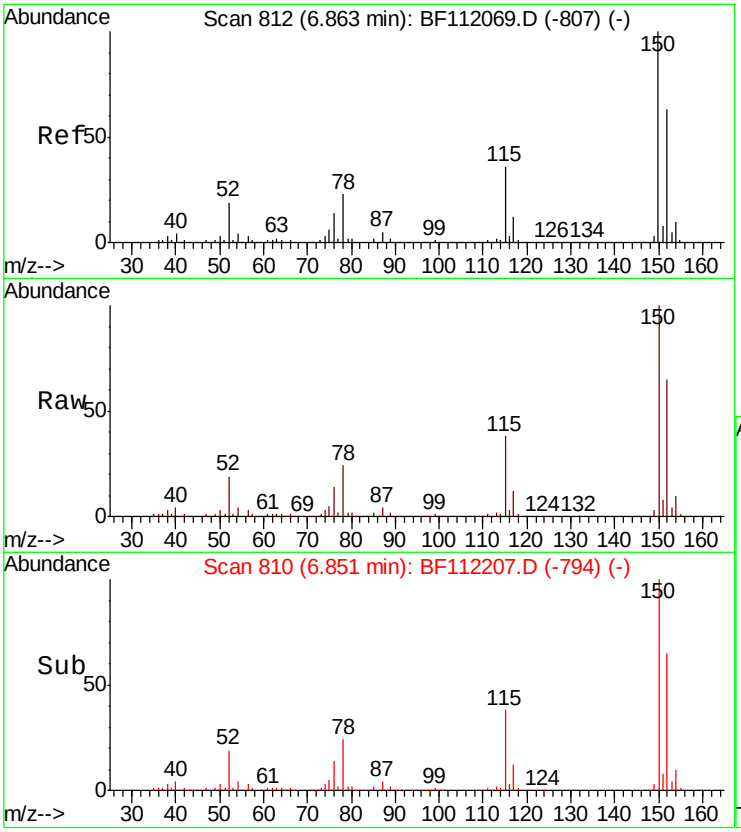
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

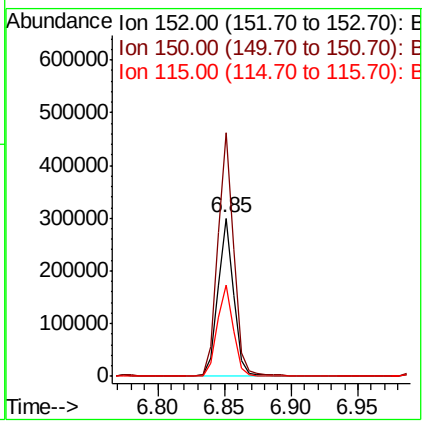




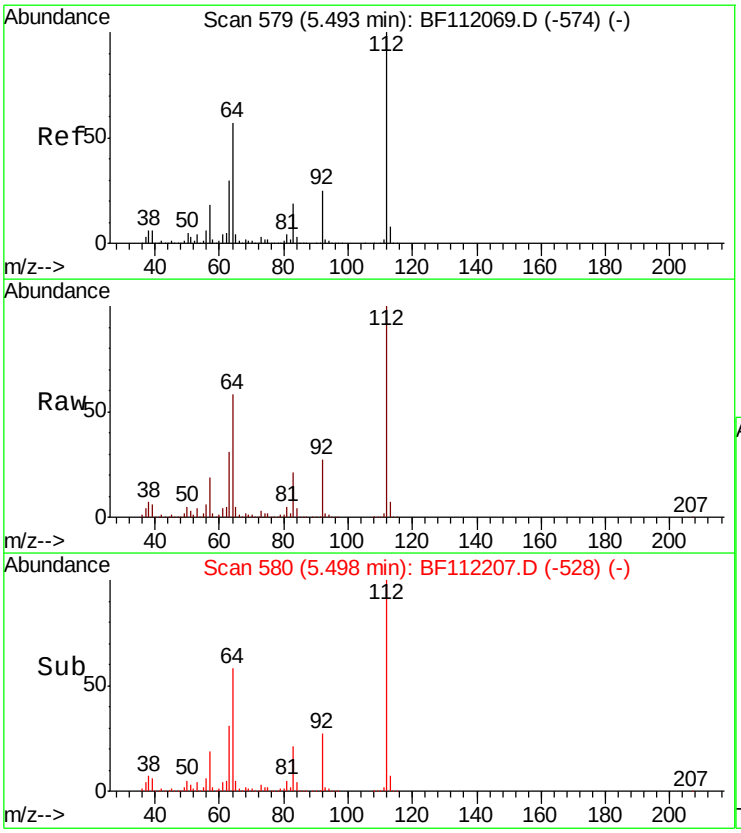
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:152 Resp: 251758

Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.4	191.0
115	57.8	45.5	68.3



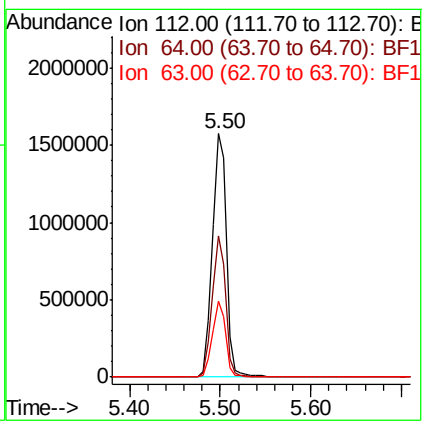
Instrument :
BNA_F
ClientSampleId :

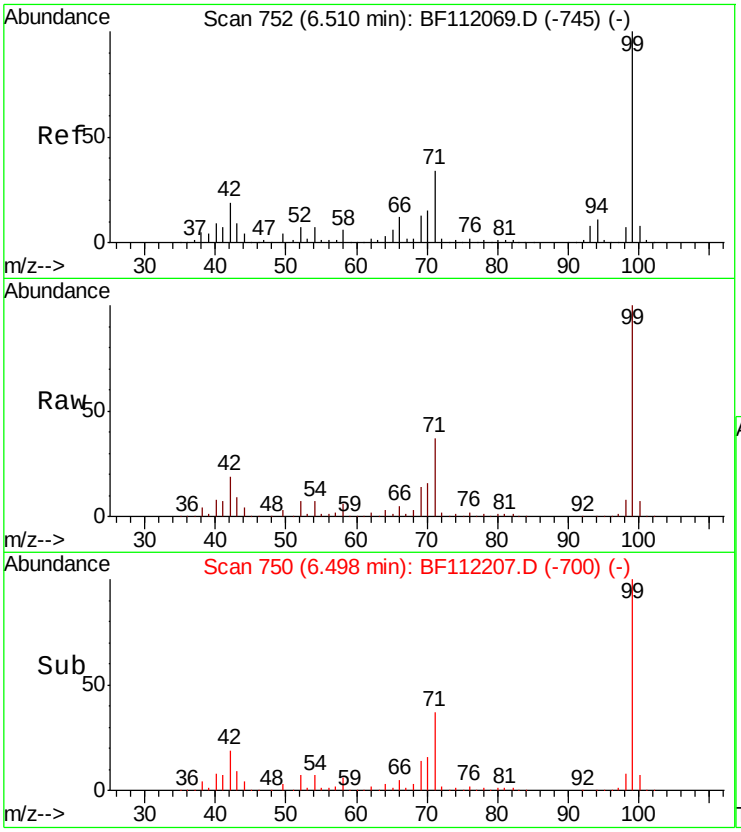


#5
2-Fluorophenol
Concen: 122.330 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:112 Resp: 1696799

Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.7	68.5
63	31.1	23.6	35.4



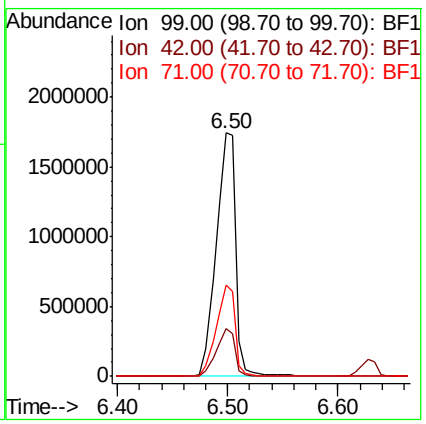


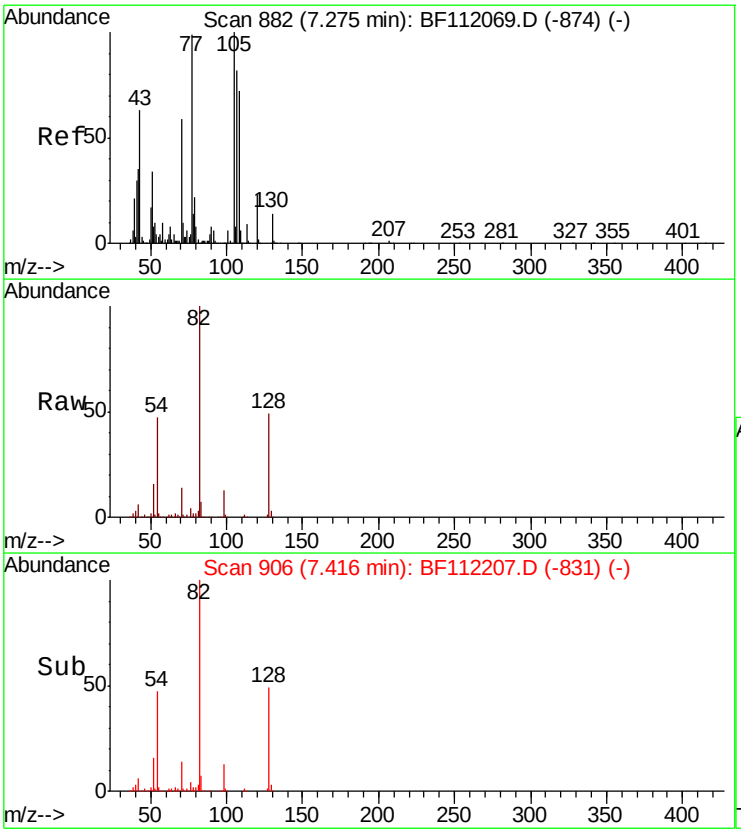
#7
Phenol-d6
Concen: 123.502 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2143297

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.1	22.7
71	37.3	26.9	40.3

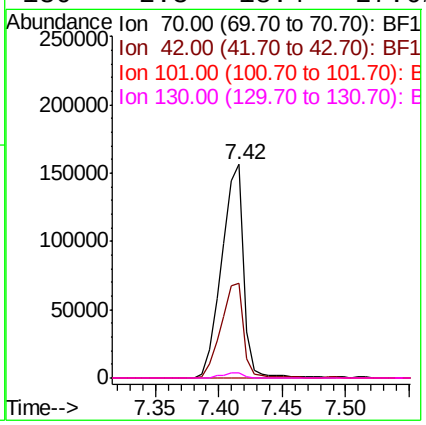


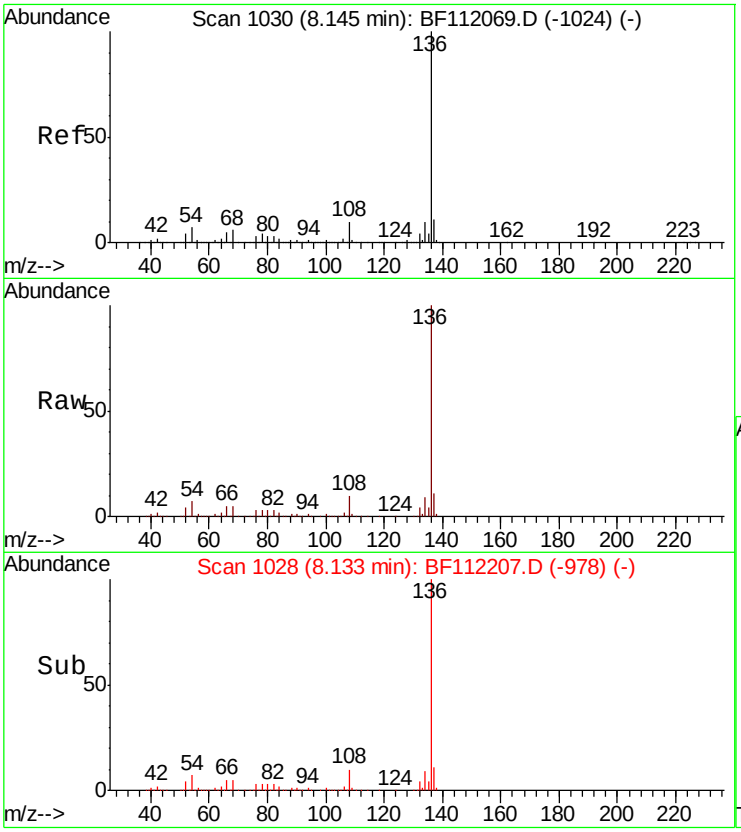


#19
n-Nitroso-di-n-propylamine
Concen: 17.814 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion: 70 Resp: 188334

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



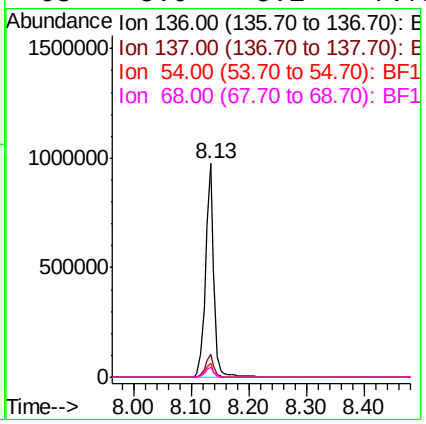


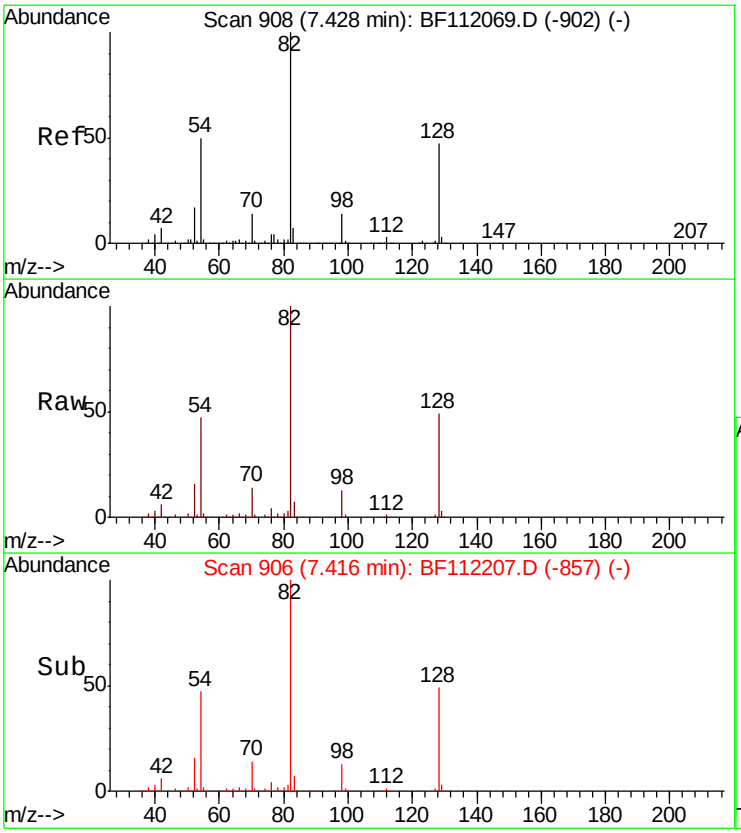
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 996811

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	5.9	8.9
68	5.0	5.1	7.7#

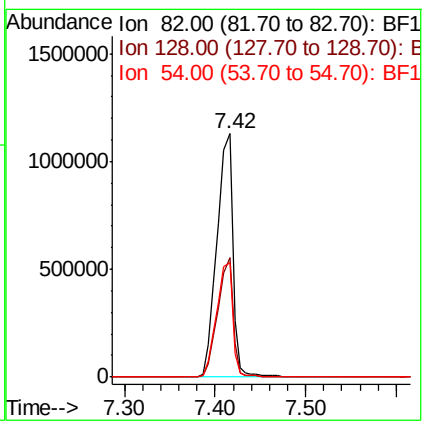


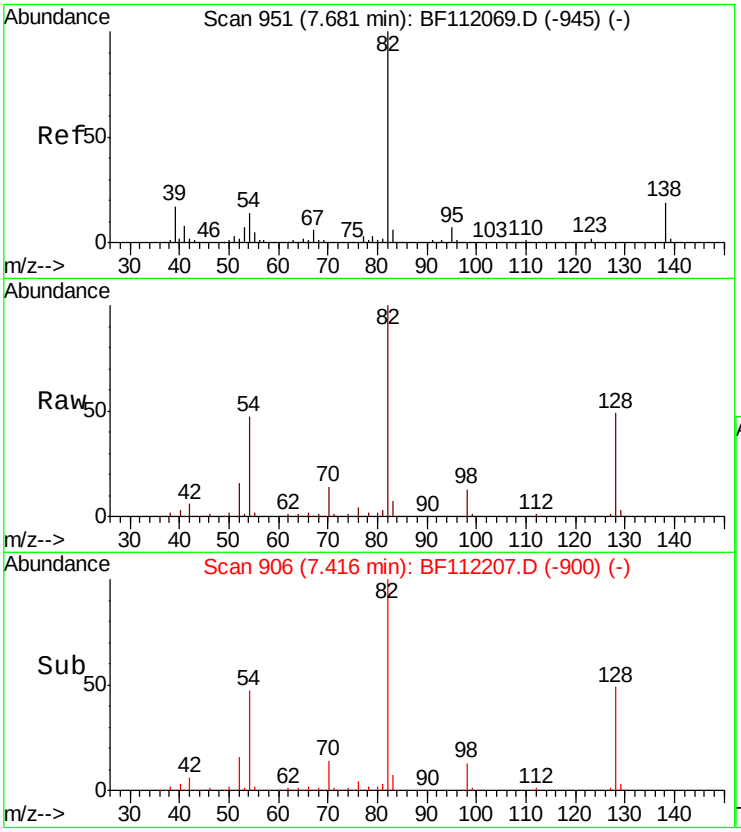


#23
Nitrobenzene-d5
Concen: 95.932 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion: 82 Resp: 1384106

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.8	56.8
54	47.1	39.7	59.5



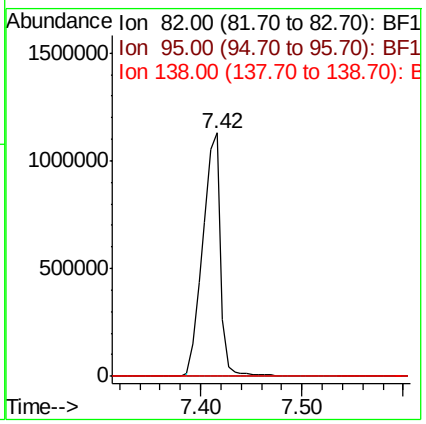


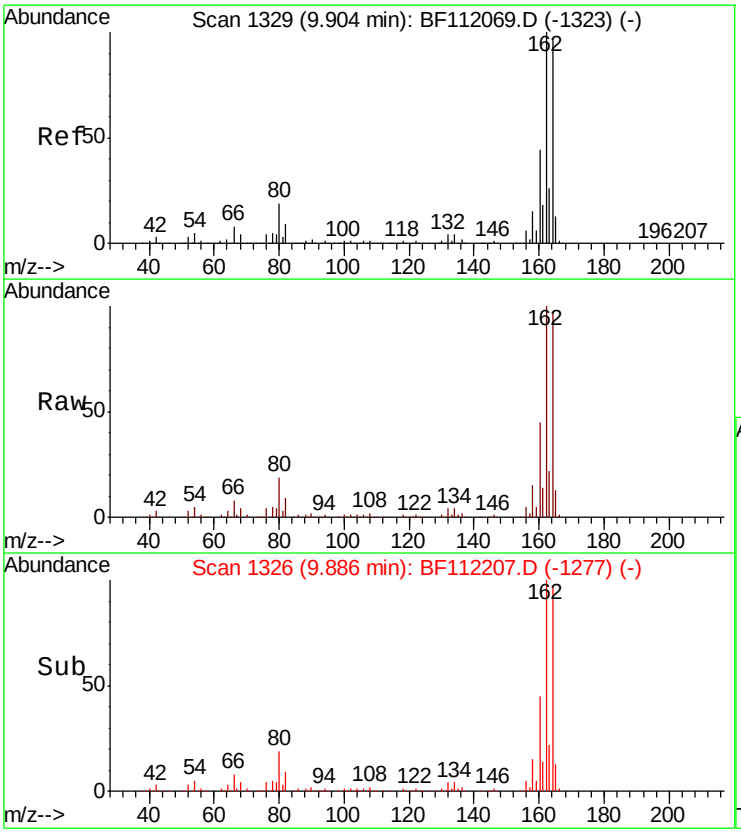
#25
Isophorone
Concen: 48.815 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1360382

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

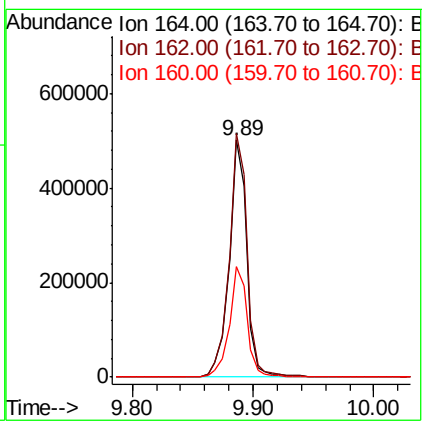


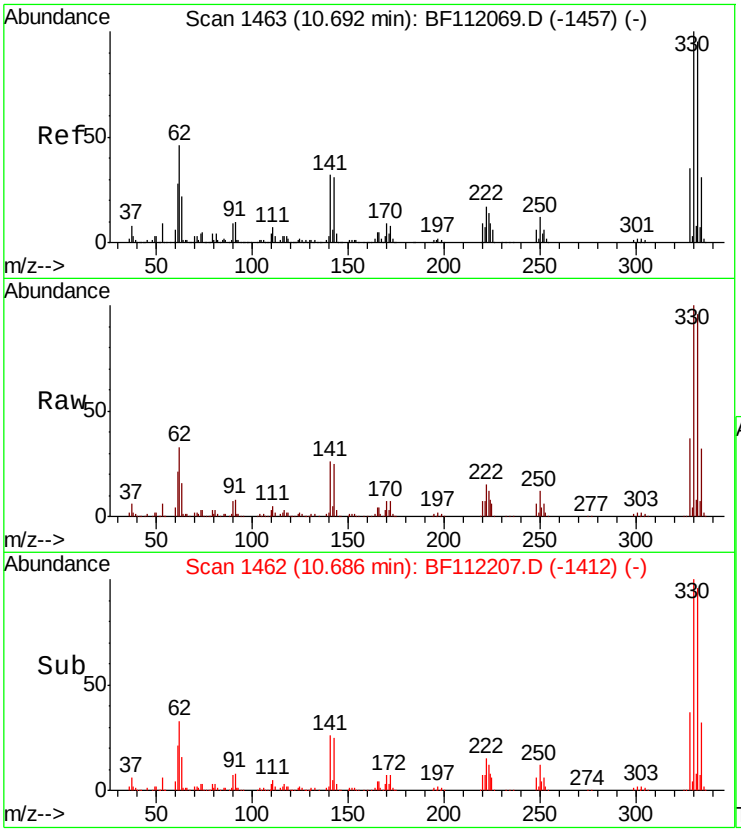


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:164 Resp: 508516

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	46.5	36.2	54.4



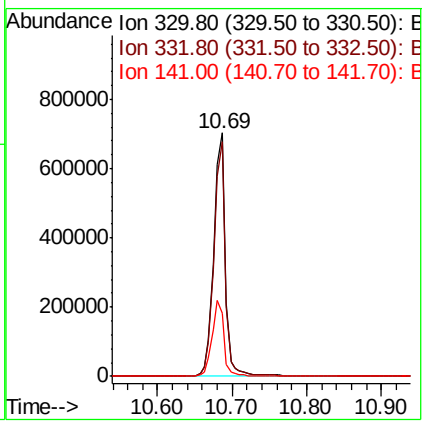


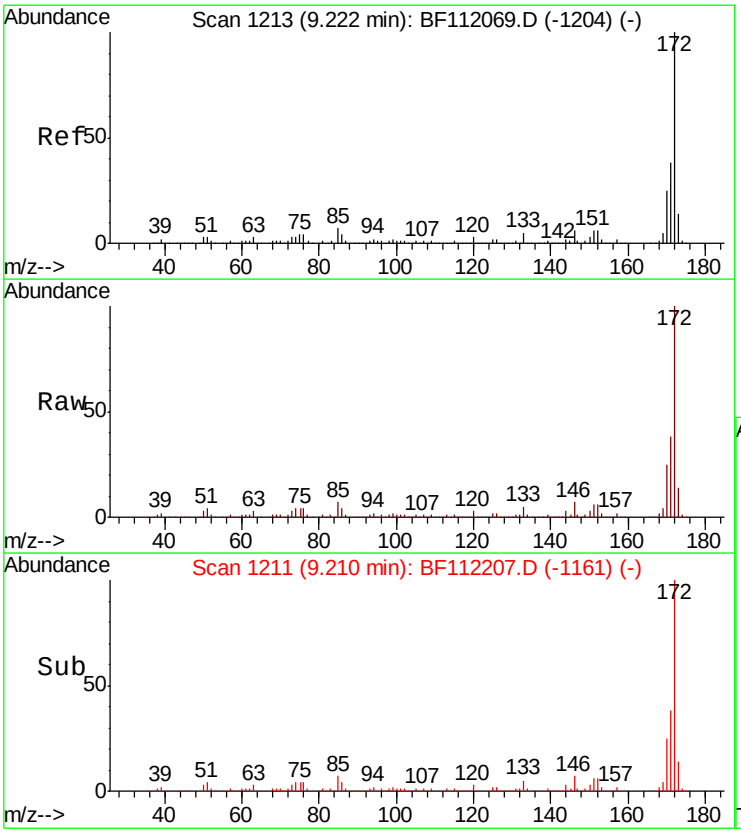
#42
2,4,6-Tribromophenol
Concen: 138.193 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 758094

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	32.0	24.3	36.5

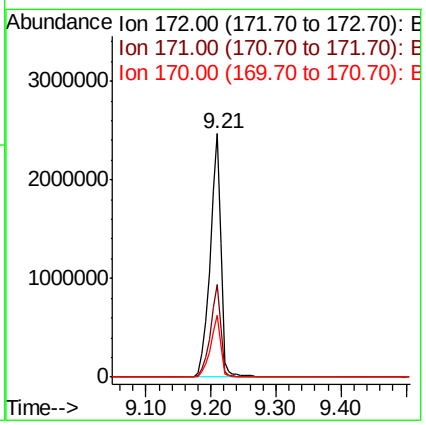


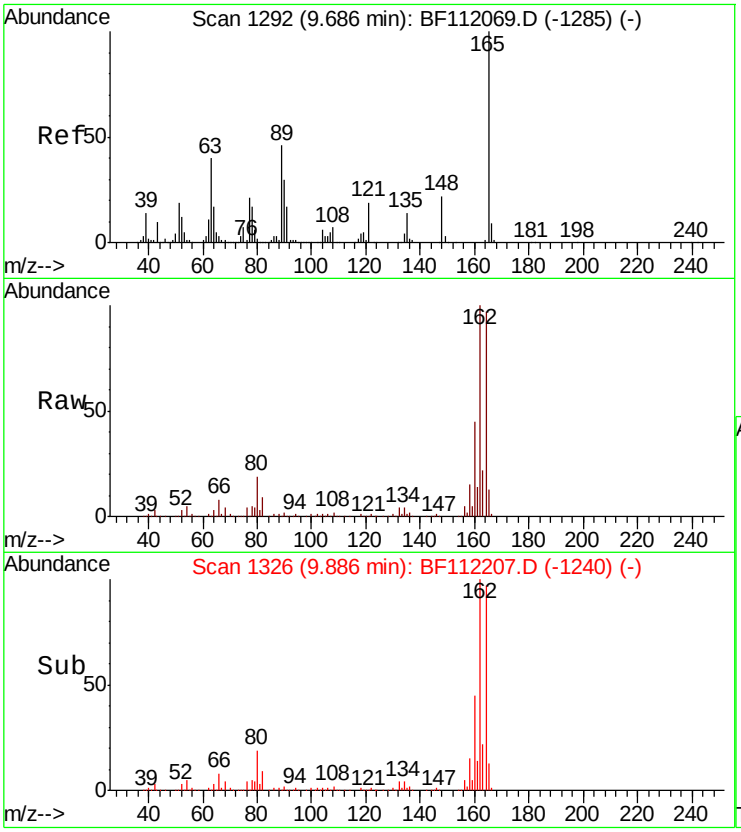


#45
2-Fluorobiphenyl
Concen: 81.723 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:172 Resp: 2834543

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	25.2	20.2	30.4



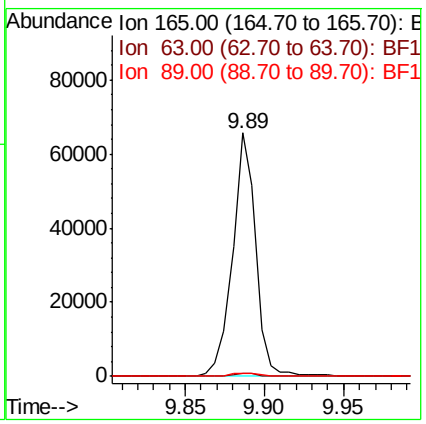


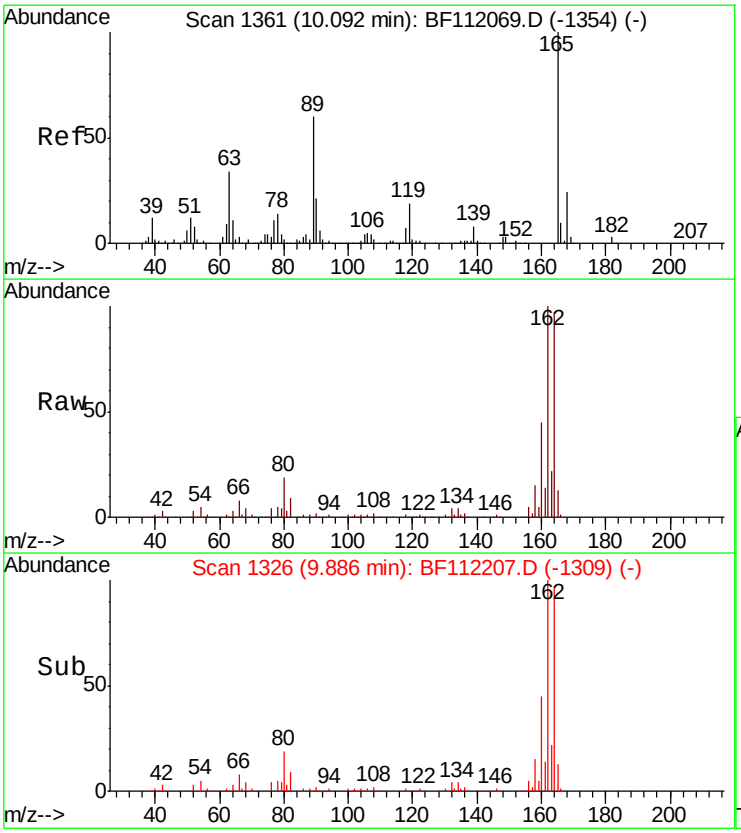
#51
2,6-Dinitrotoluene
Concen: 8.985 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 66545

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.5	36.9	55.3#

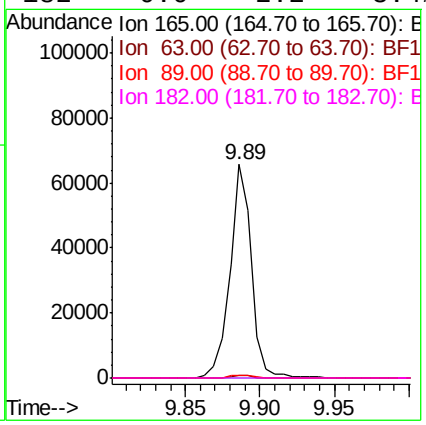


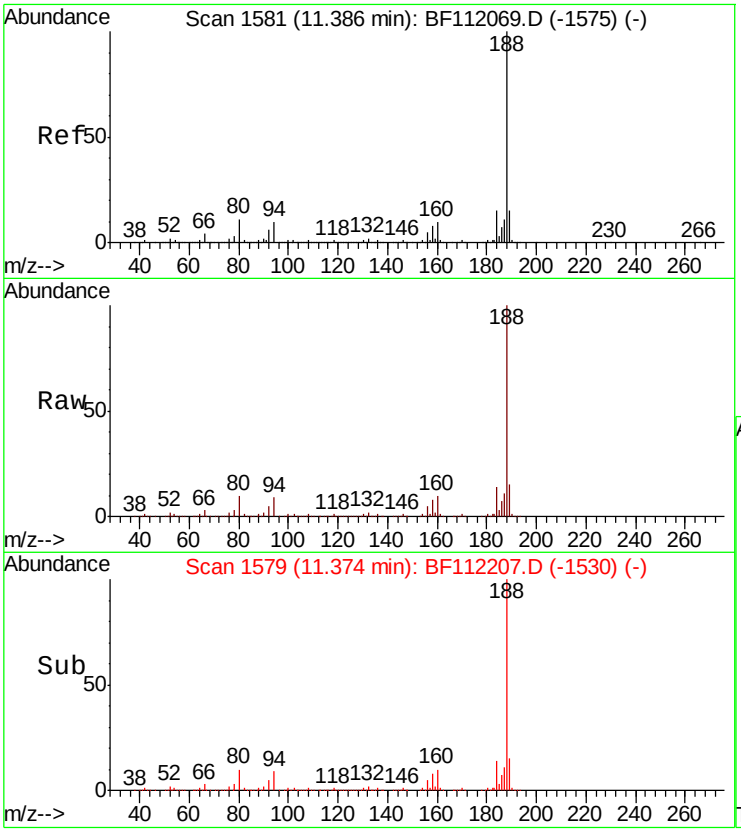


#57
2,4-Dinitrotoluene
Concen: 10.913 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:165 Resp: 66546

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#



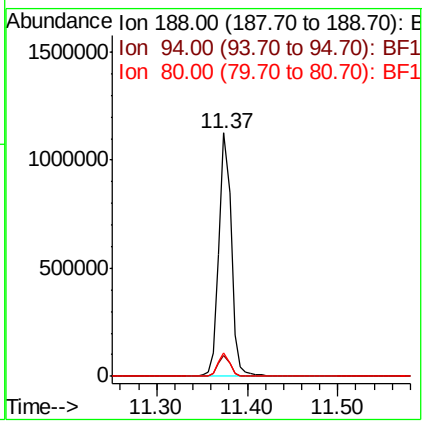


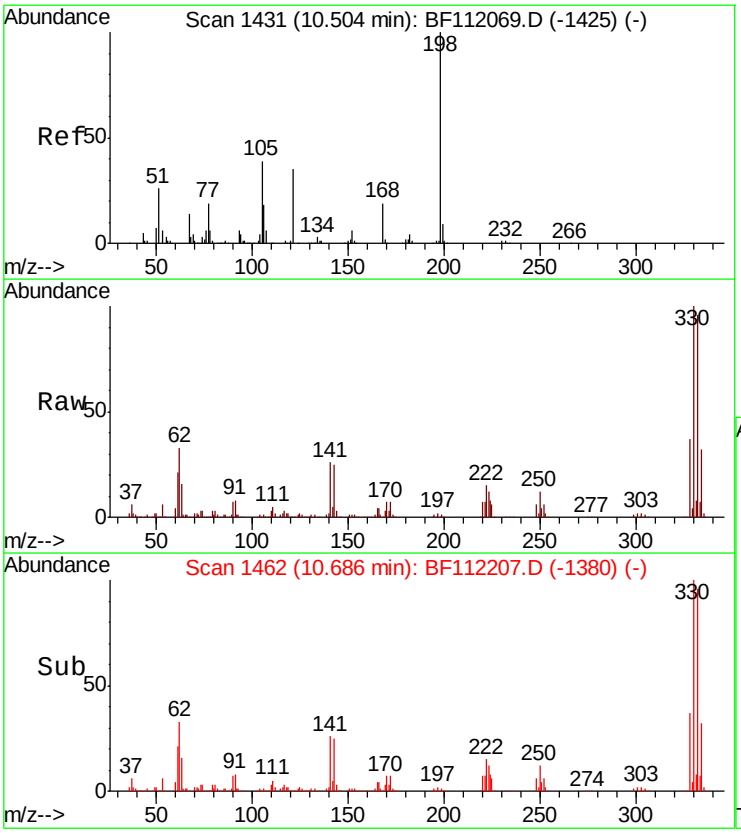
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1056581

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.7	8.9	13.3

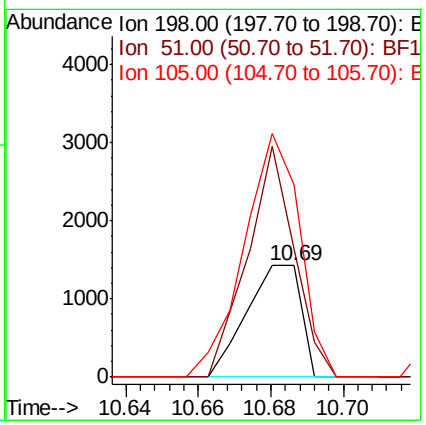


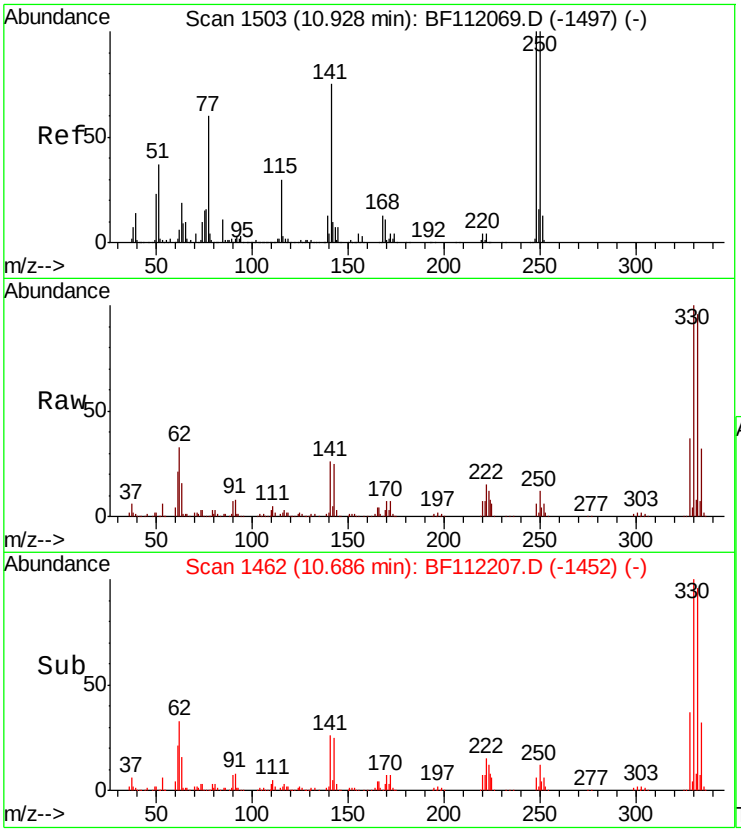


#65
4,6-Dinitro-2-methylphenol
Concen: 10.337 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:198 Resp: 1490

Ion	Ratio	Lower	Upper
198	100		
51	115.5	17.2	57.2#
105	172.2	21.9	61.9#



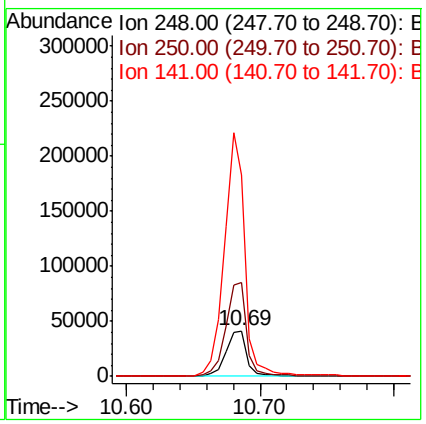


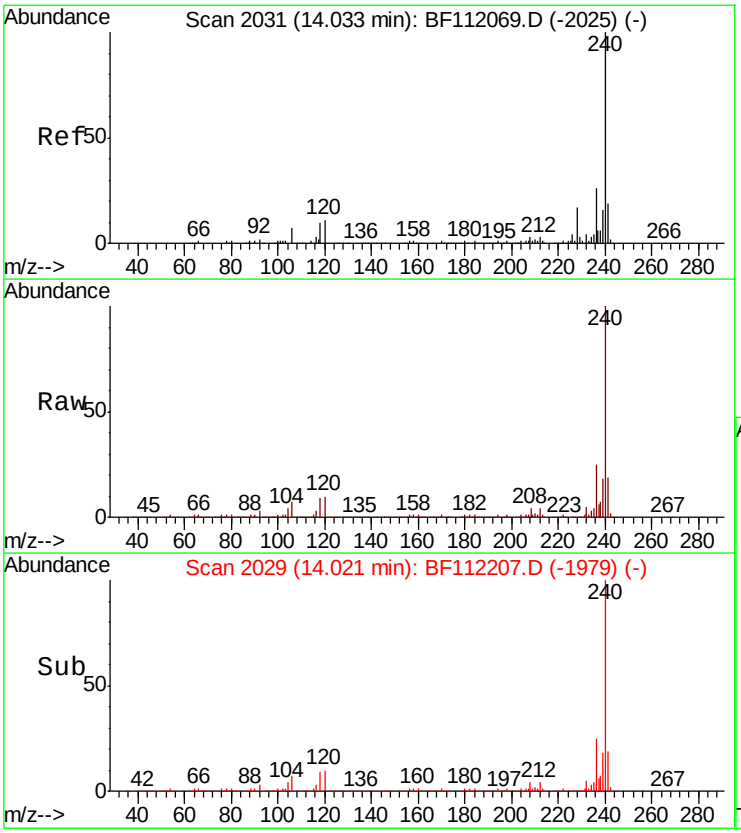
#67
4-Bromophenyl-phenylether
Concen: 3.771 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 46281

Ion	Ratio	Lower	Upper
248	100		
250	205.9	79.7	119.5#
141	442.6	60.3	90.5#

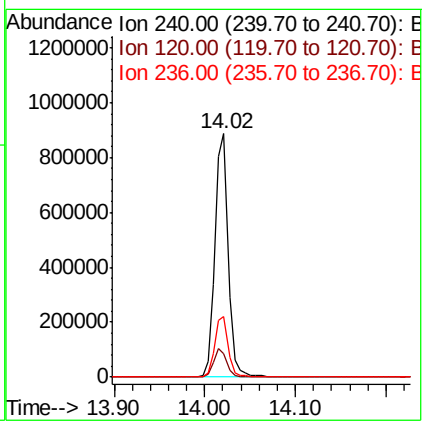


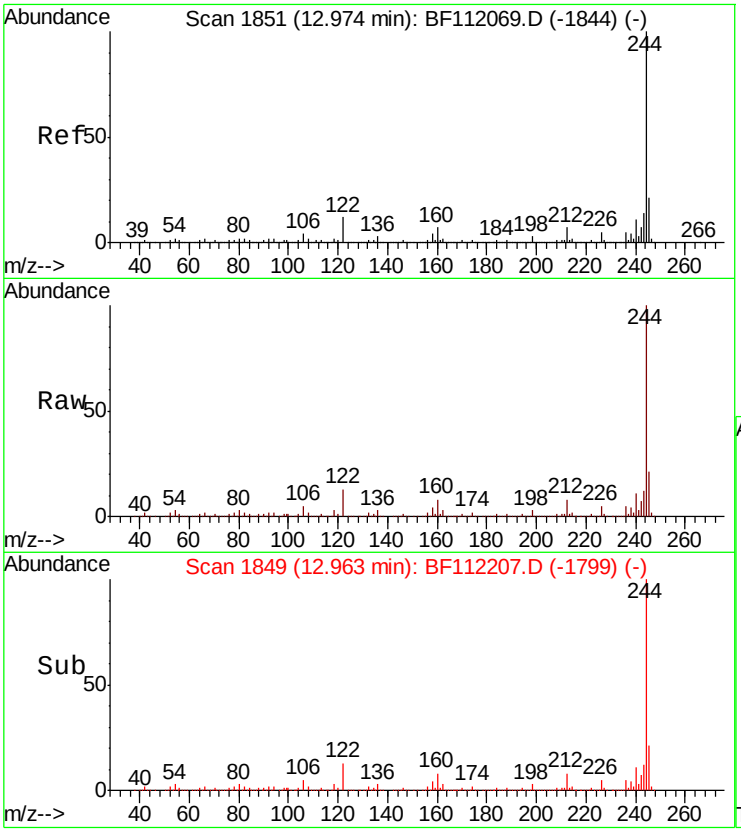


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:240 Resp: 893564

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	25.0	20.7	31.1



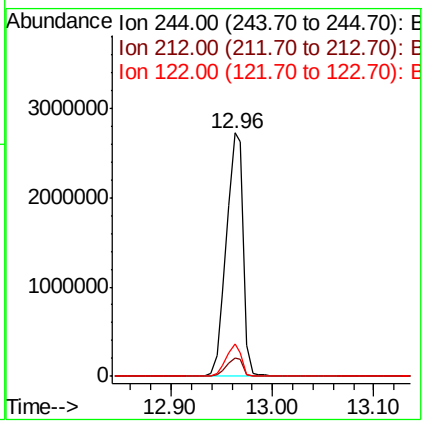


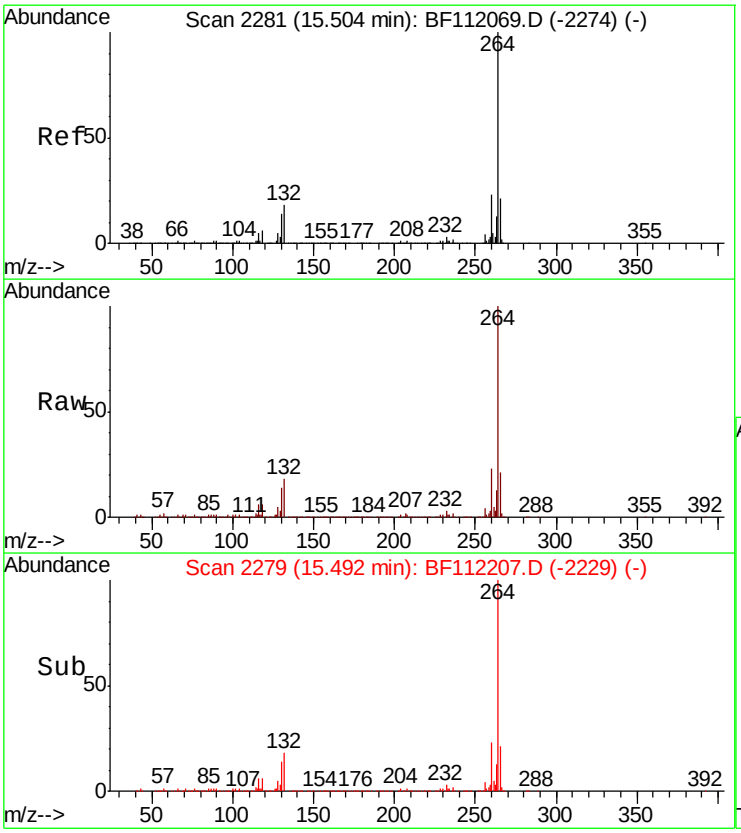
#79
Terphenyl-d14
Concen: 75.021 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3151107

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	13.1	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112207.D
Acq: 24 Jan 2019 14:23

Tgt Ion:264 Resp: 774234

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.3	17.0	25.4