Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
Data File : BF120871.D
Acq On : 15 Jul 2020 14:12
Operator : JU/CG
Sample : L3289-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRON-1

Quant Time: Jul 15 14:50:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	186396	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	713403	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	371109	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	711213	20.00	ng	0.00
76) Chrysene-d12	13.99	240	581051	20.00	ng	-0.01
86) Perylene-d12	15.45	264	528193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1318382	109.18	ng	0.00
7) Phenol-d6	6.46	99	1596701	103.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	1024287	83.19	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	468906	125.77	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1778938	72.52	ng	0.00
79) Terphenyl-d14	12.94	244	1921500	64.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	136310	14.681	ng	# 75
25) Isophorone	7.39	82	1021512	38.468	ng	# 64
48) 2-Nitroaniline	9.30	65	298	2.659	ng	# 5
50) Dimethylphthalate	9.58	163	279124	10.311	ng	99
51) 2,6-Dinitrotoluene	9.58	165	2897	2.790	ng	# 2
57) 2,4-Dinitrotoluene	9.87	165	47720	9.739	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.66	198	1044	7.306	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	26240	3.181	ng	# 1

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

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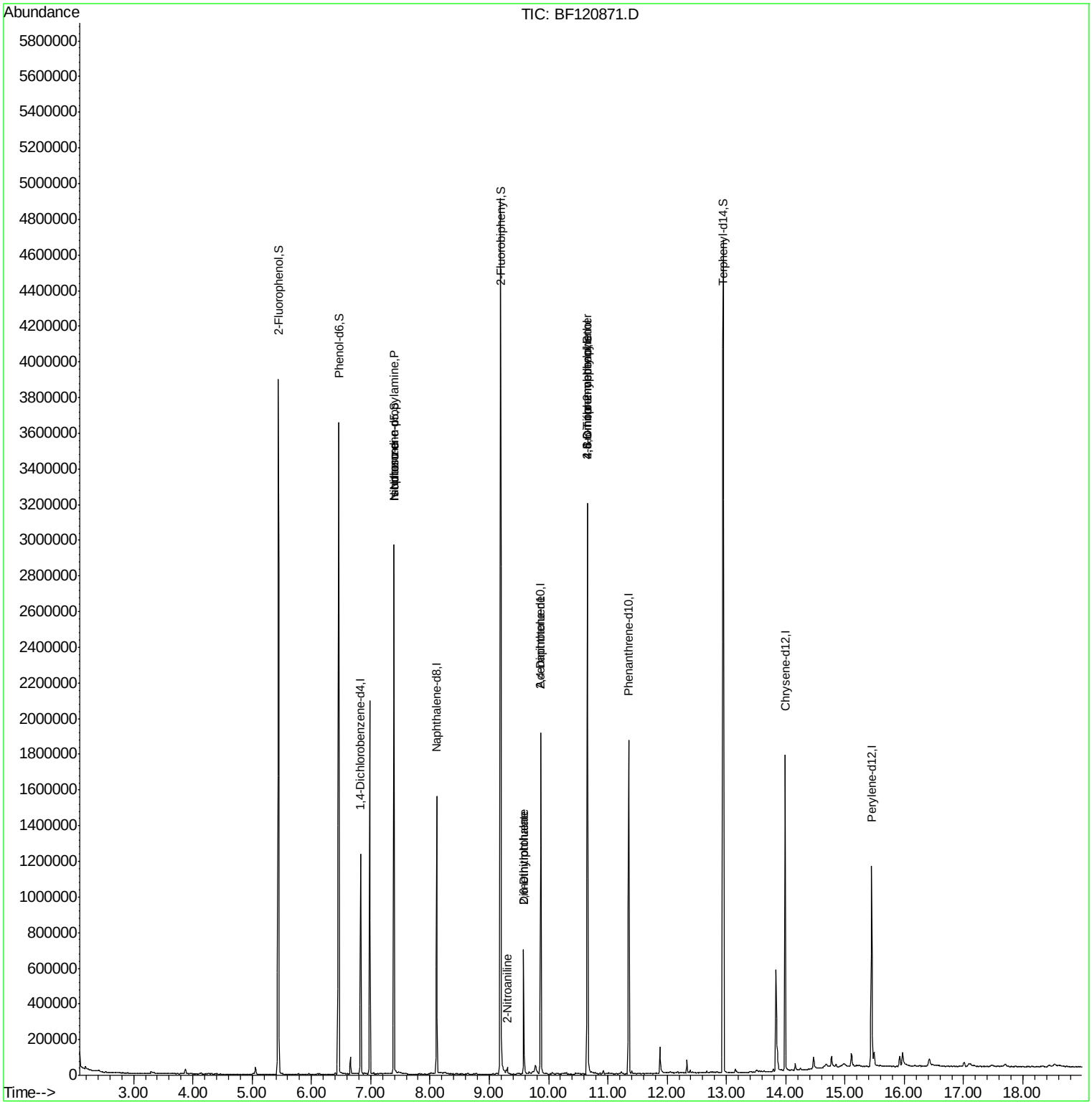
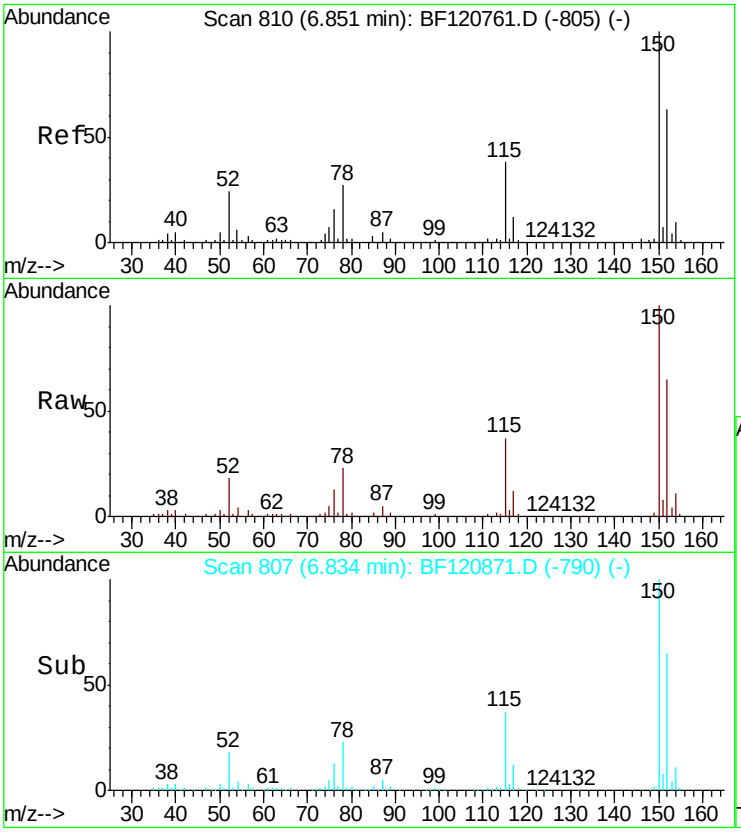


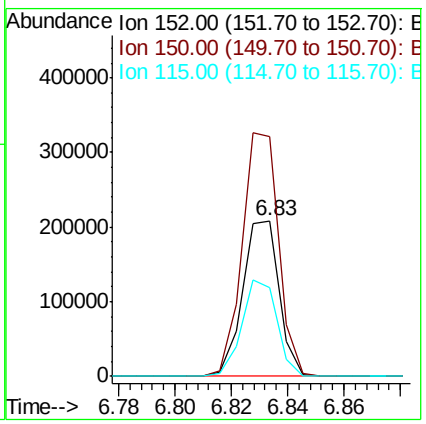


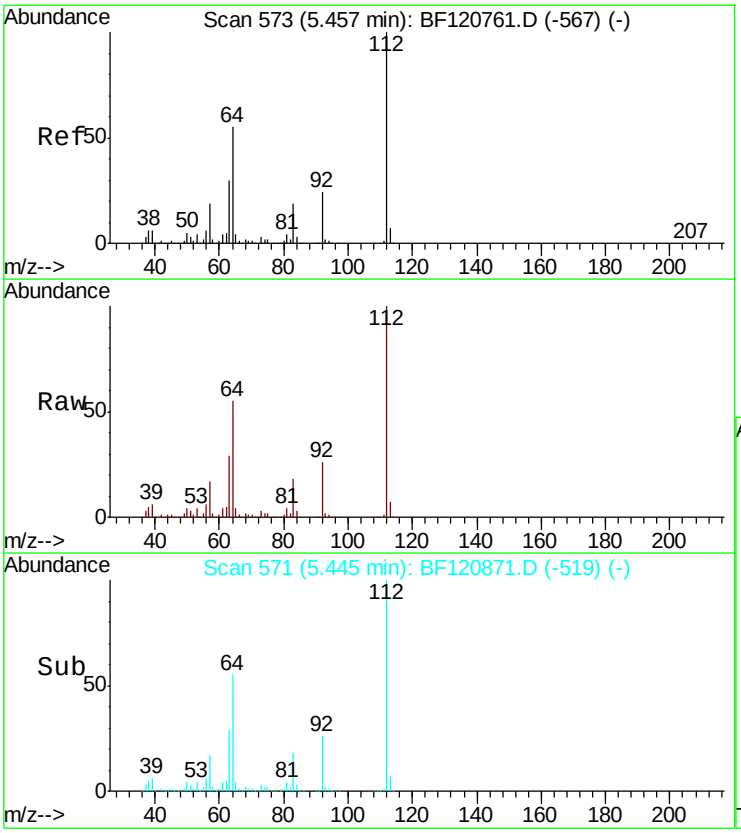
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:152 Resp: 186396

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.1	189.1
115	57.1	48.5	72.7

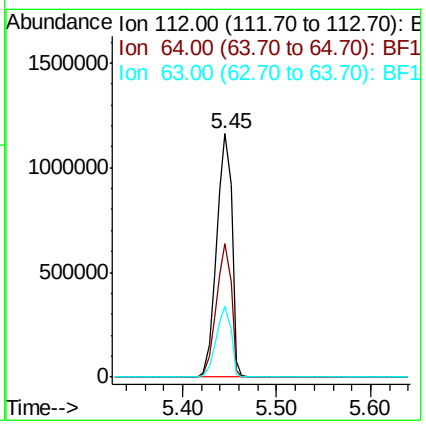


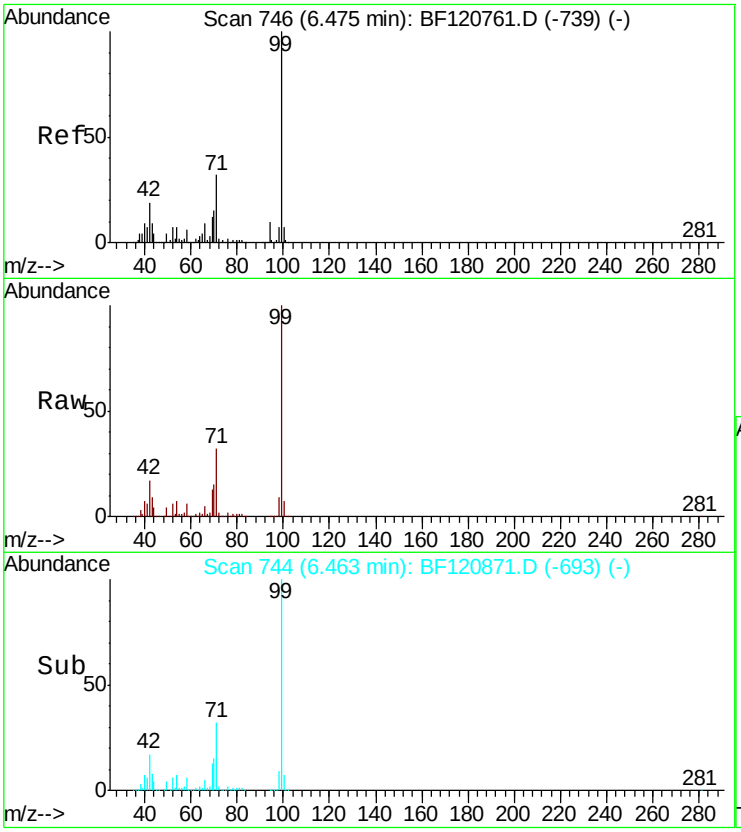


#5
2-Fluorophenol
Concen: 109.183 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:112 Resp: 1318382

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.8	65.6
63	29.1	23.6	35.4



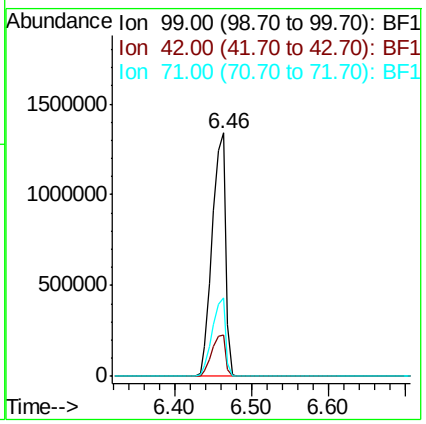


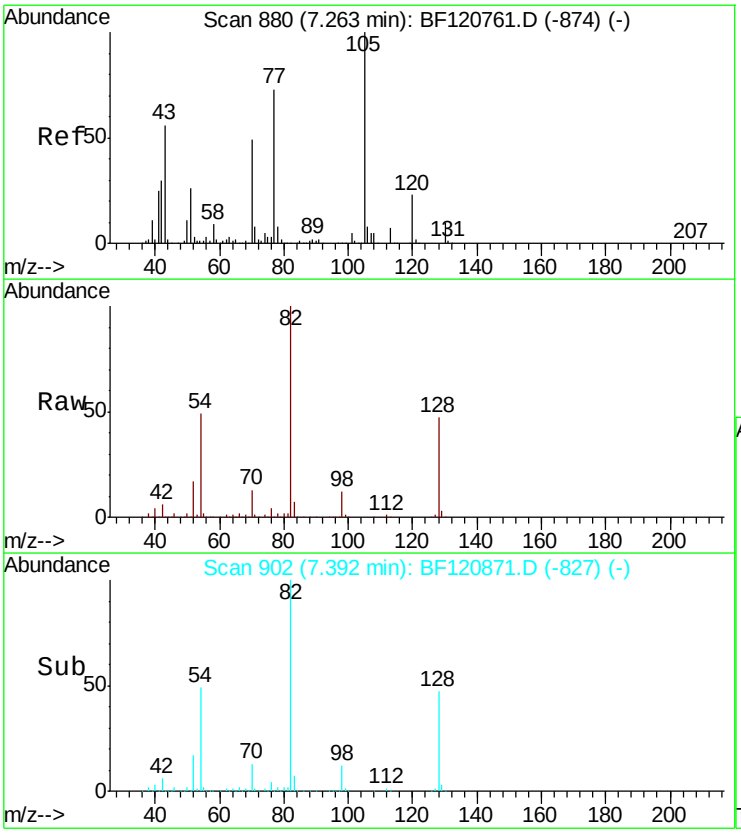
#7
Phenol-d6
Concen: 103.545 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion: 99 Resp: 1596701

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.4	23.0
71	32.2	25.9	38.9

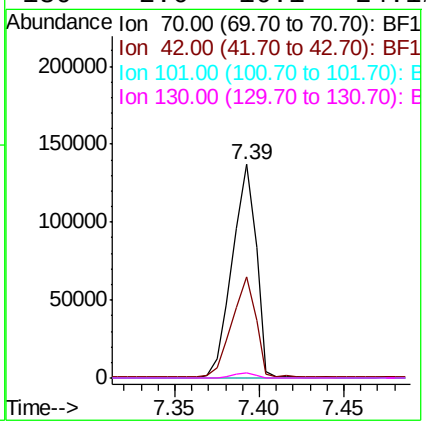


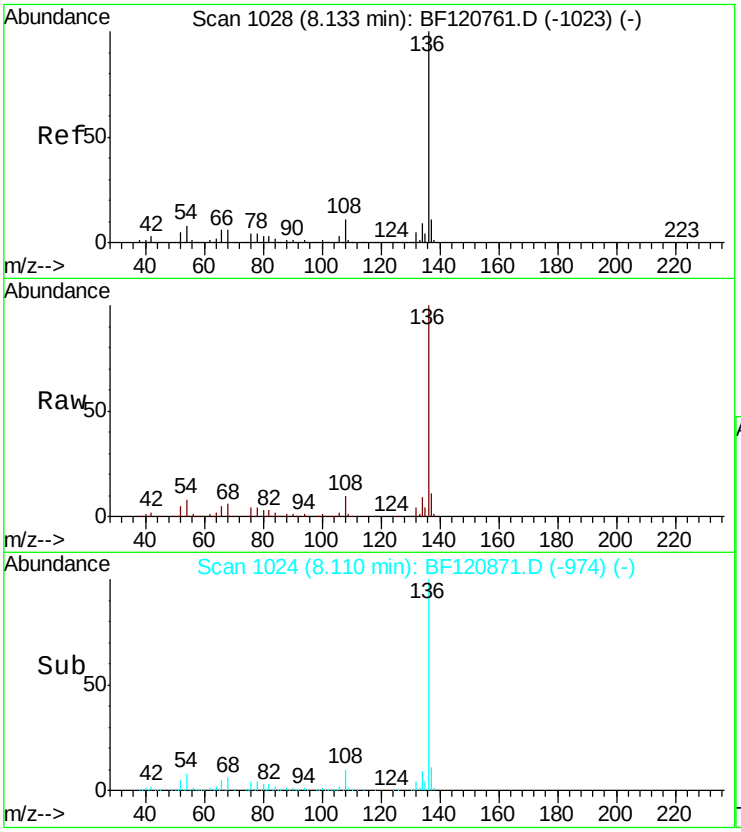


#19
n-Nitroso-di-n-propylamine
Concen: 14.681 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion: 70 Resp: 136310

Ion	Ratio	Lower	Upper
70	100		
42	47.1	50.3	75.5#
101	0.0	7.5	11.3#
130	2.6	16.1	24.1#



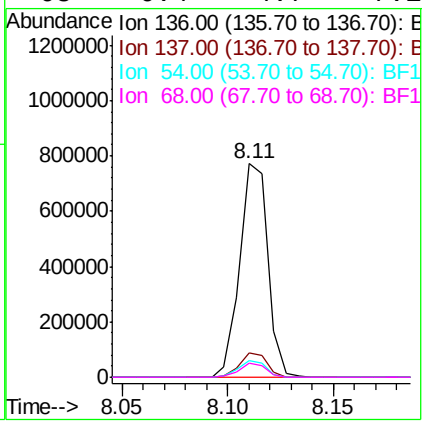


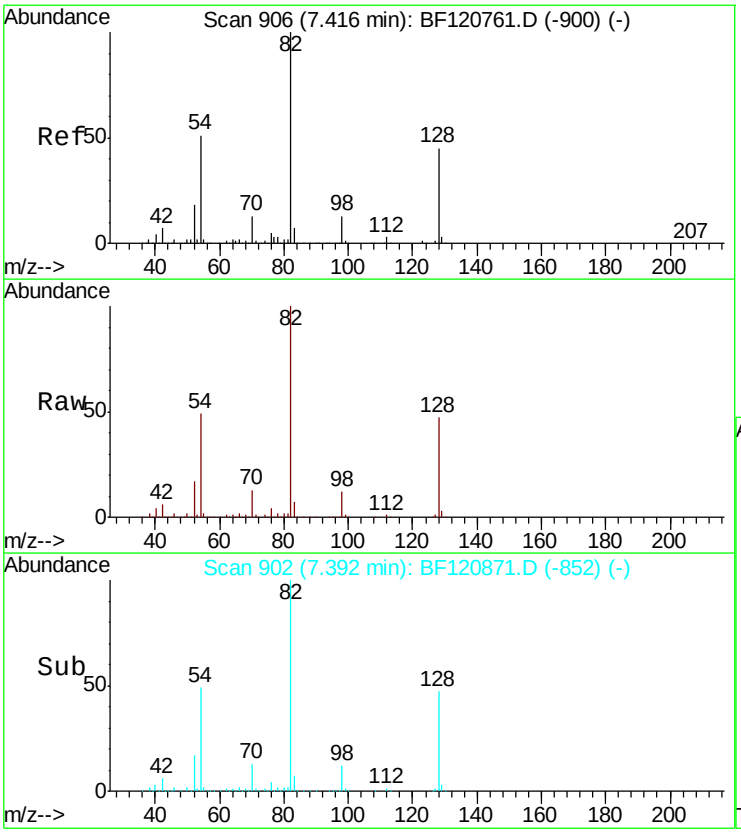
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:136 Resp: 713403

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.1	6.2	9.4
68	6.4	4.7	7.1

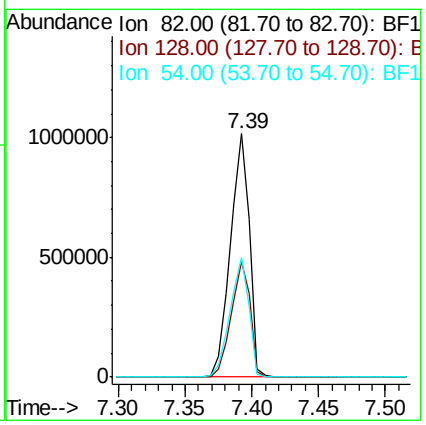


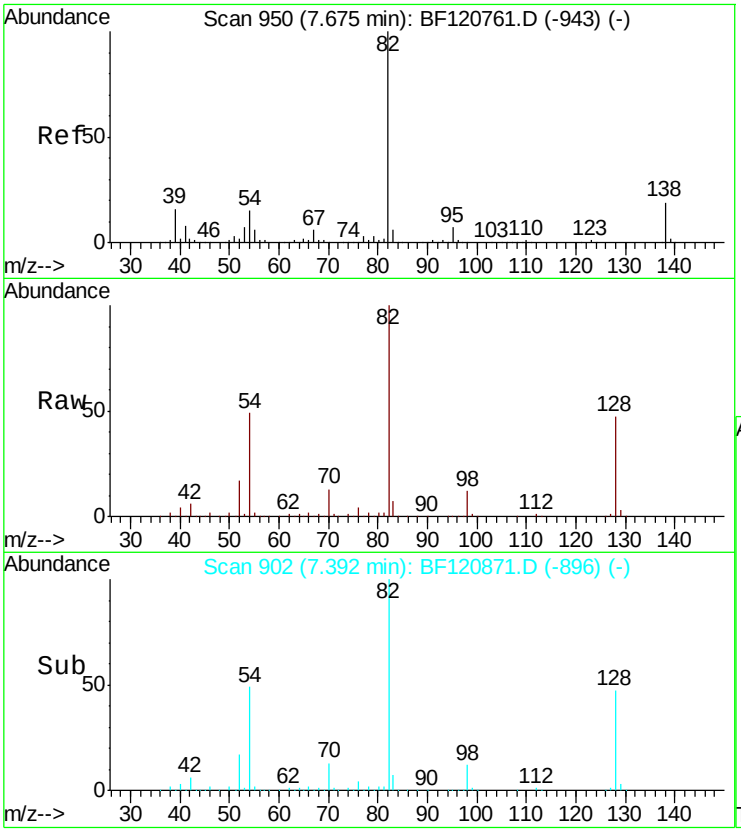


#23
Nitrobenzene-d5
Concen: 83.186 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion: 82 Resp: 1024287

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.7	53.5
54	49.2	40.9	61.3



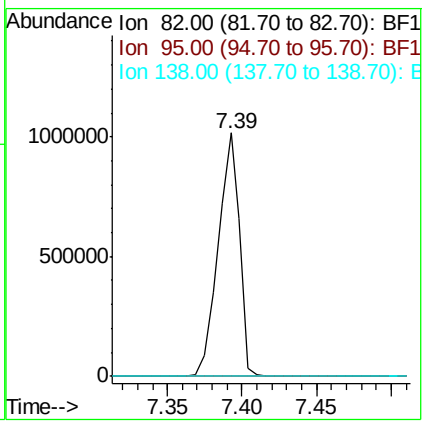


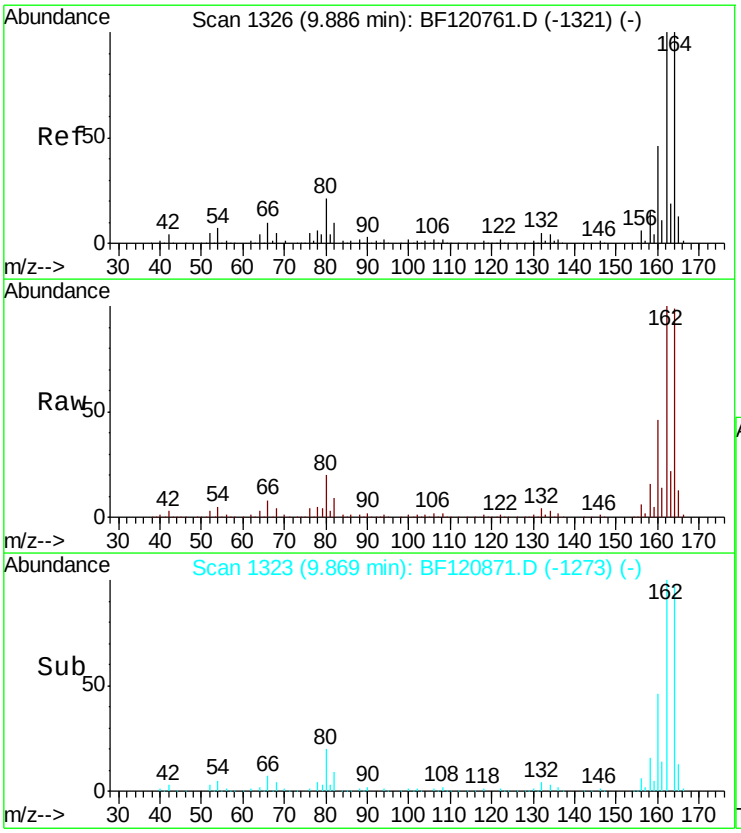
#25
Isophorone
Concen: 38.468 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion: 82 Resp: 1021512

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	15.0	22.4#

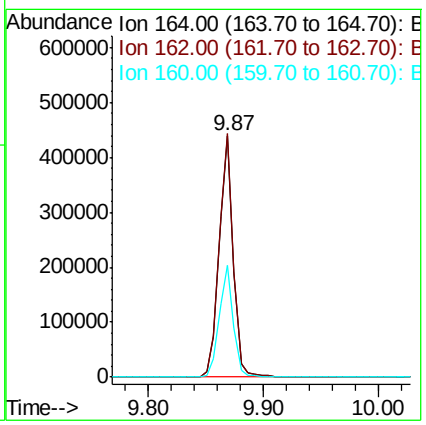


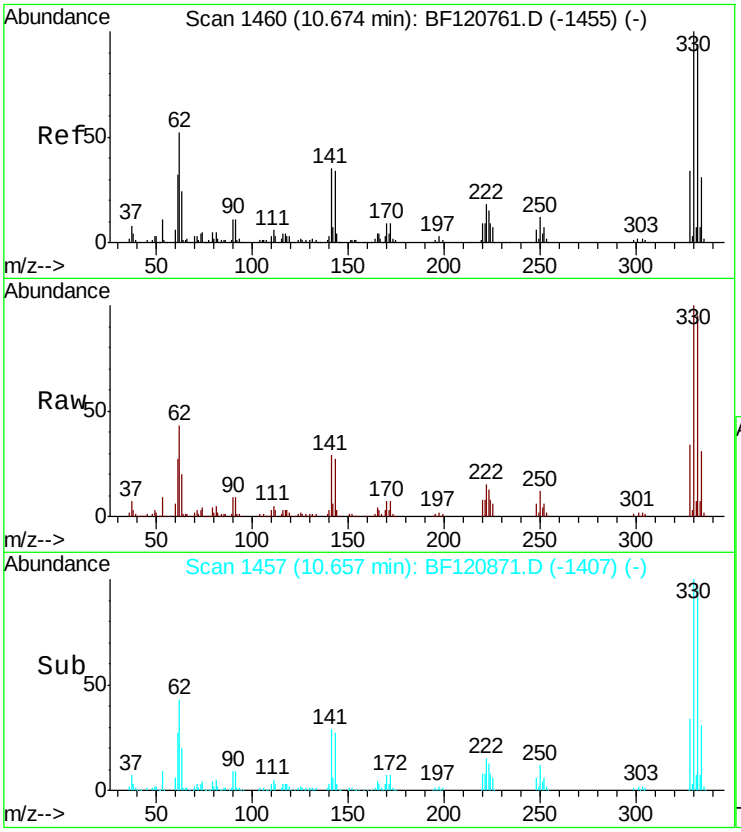


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:164 Resp: 371109

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	46.5	36.9	55.3



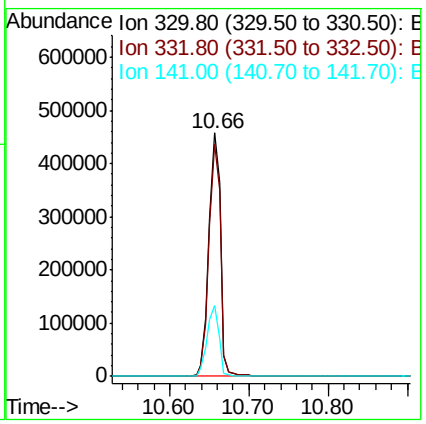


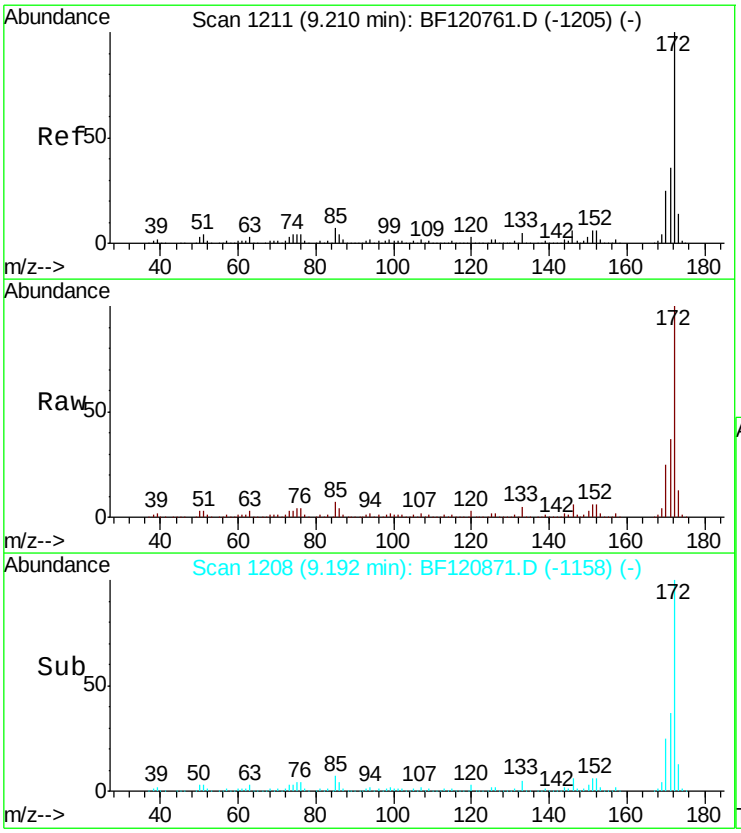
#42
2,4,6-Tribromophenol
Concen: 125.768 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:330 Resp: 468906

Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.8	113.6
141	30.0	29.7	44.5

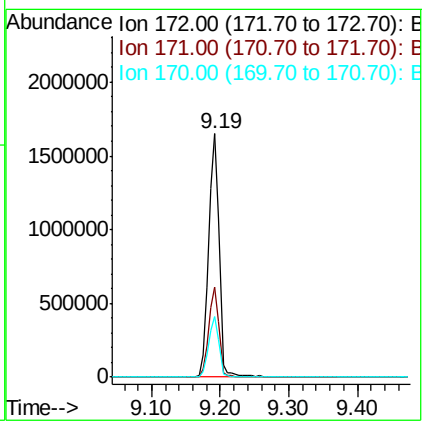


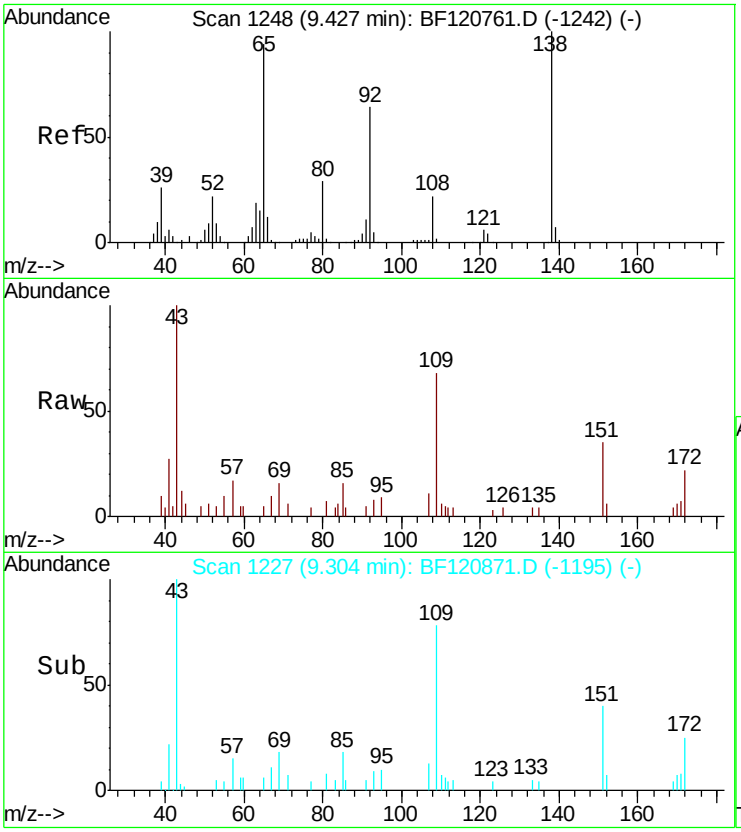


#45
2-Fluorobiphenyl
Concen: 72.524 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:172 Resp: 1778938

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	24.7	19.8	29.6



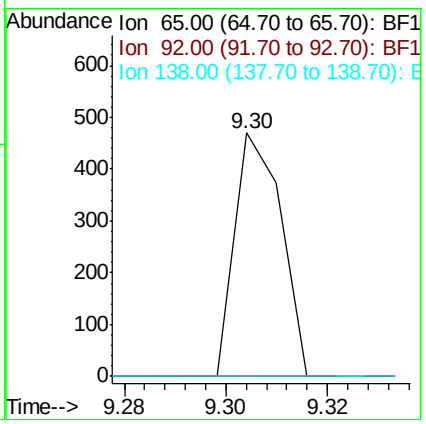


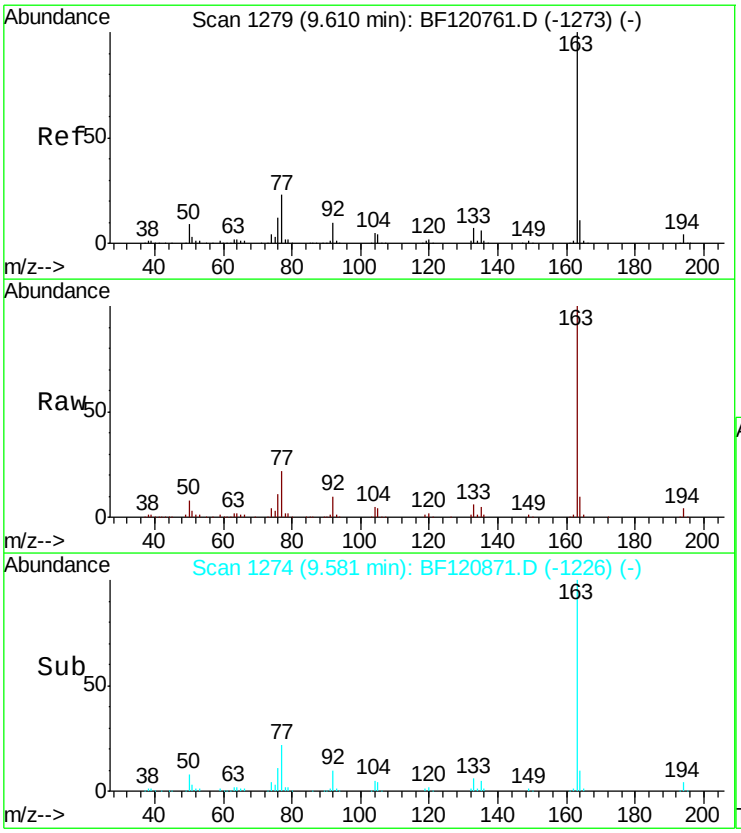
#48
2-Nitroaniline
Concen: 2.659 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.11 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion: 65 Resp: 298

Ion	Ratio	Lower	Upper
65	100		
92	0.0	54.4	81.6#
138	0.0	84.7	127.1#

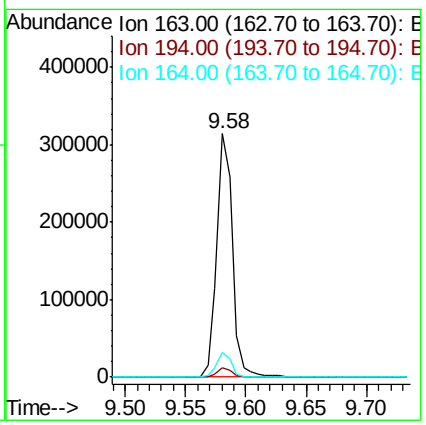


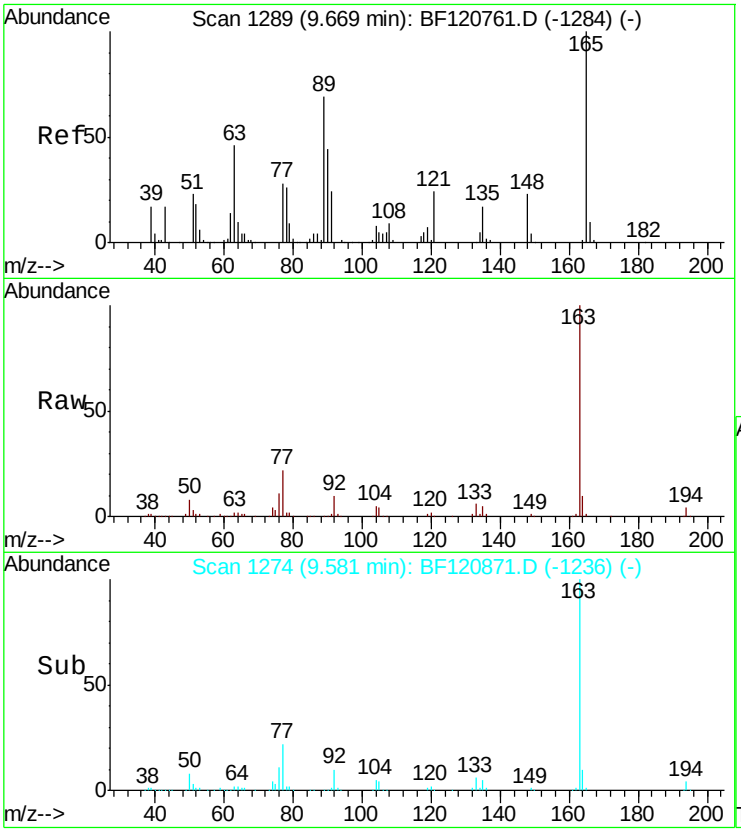


#50
Dimethylphthalate
Concen: 10.311 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:163 Resp: 279124

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.0	8.5	12.7



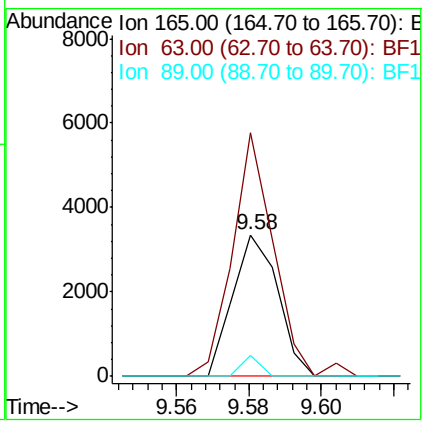


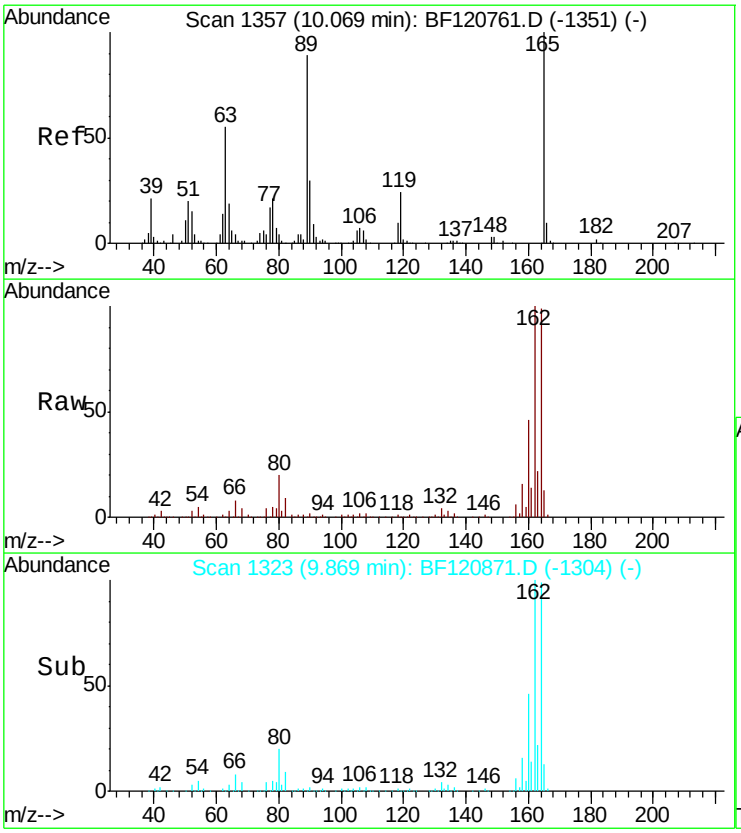
#51
2,6-Dinitrotoluene
Concen: 2.790 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.08 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:165 Resp: 2897

Ion	Ratio	Lower	Upper
165	100		
63	171.8	54.0	81.0#
89	14.5	55.4	83.2#

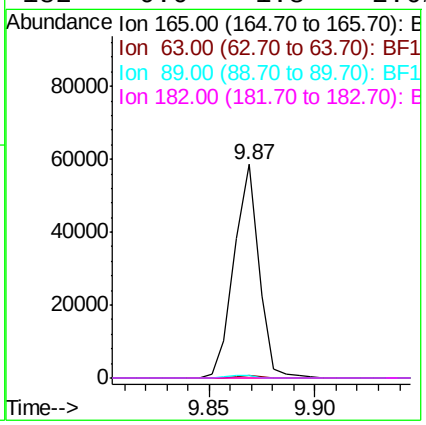


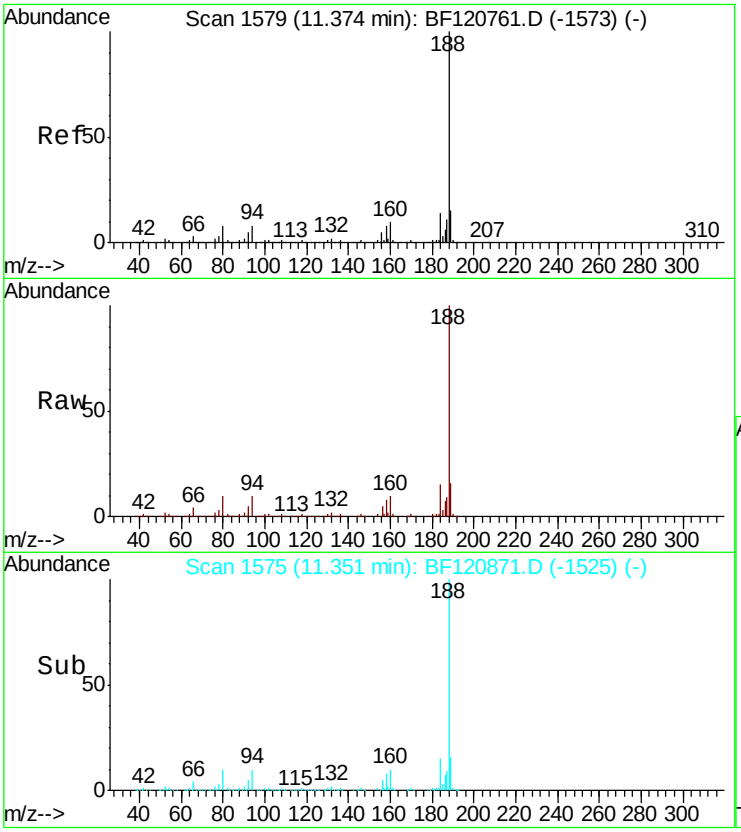


#57
2,4-Dinitrotoluene
Concen: 9.739 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:165 Resp: 47720

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.8	65.8#
89	1.4	71.4	107.2#
182	0.0	1.8	2.6#



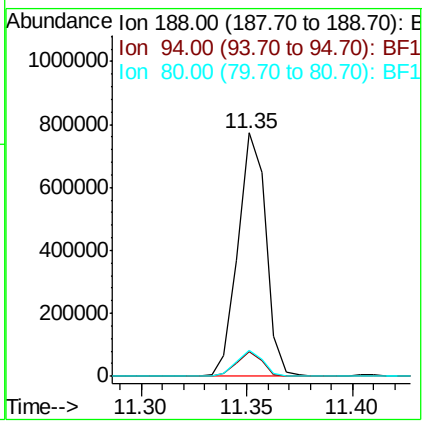


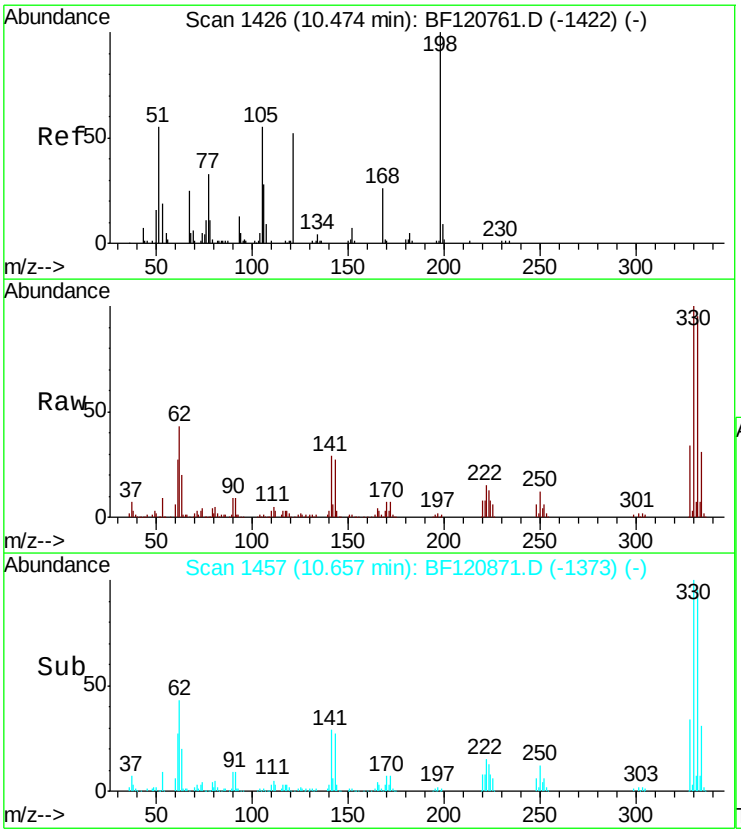
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:188 Resp: 711213

Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.6	9.8#
80	10.5	6.6	10.0#

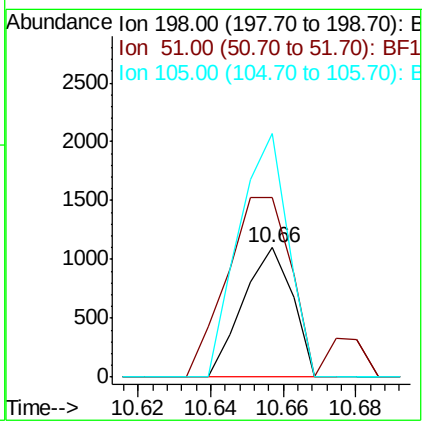


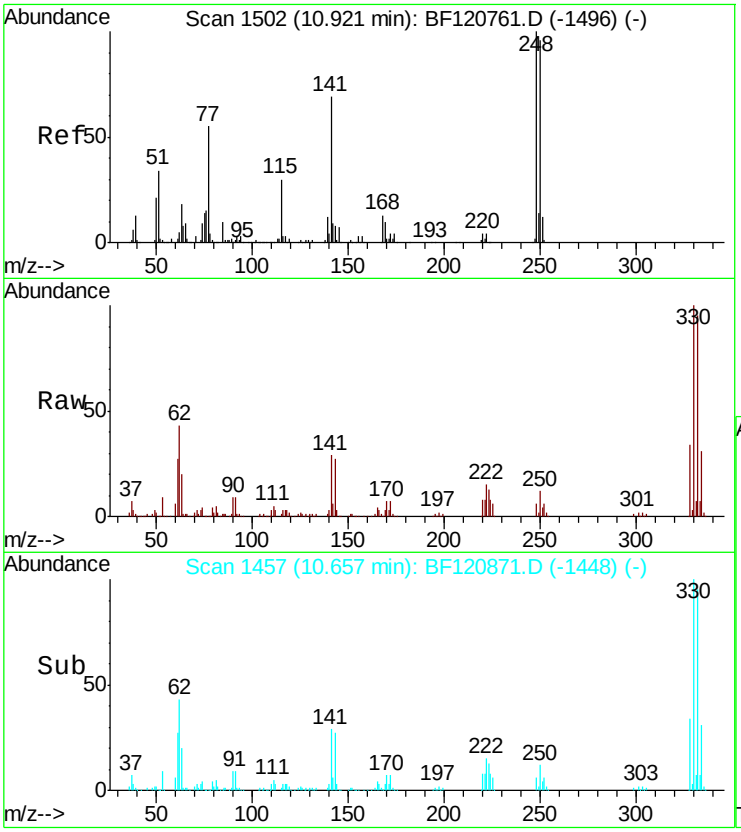


#65
4,6-Dinitro-2-methylphenol
Concen: 7.306 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.19 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:198 Resp: 1044

Ion	Ratio	Lower	Upper
198	100		
51	139.3	50.0	90.0#
105	188.3	38.3	78.3#



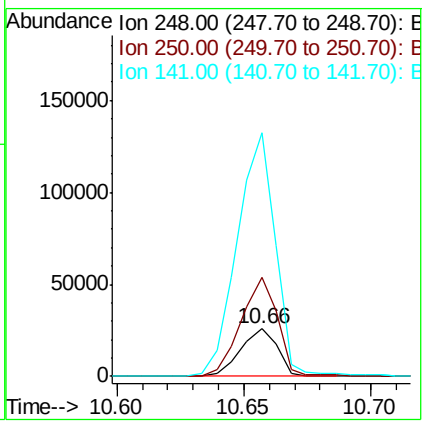


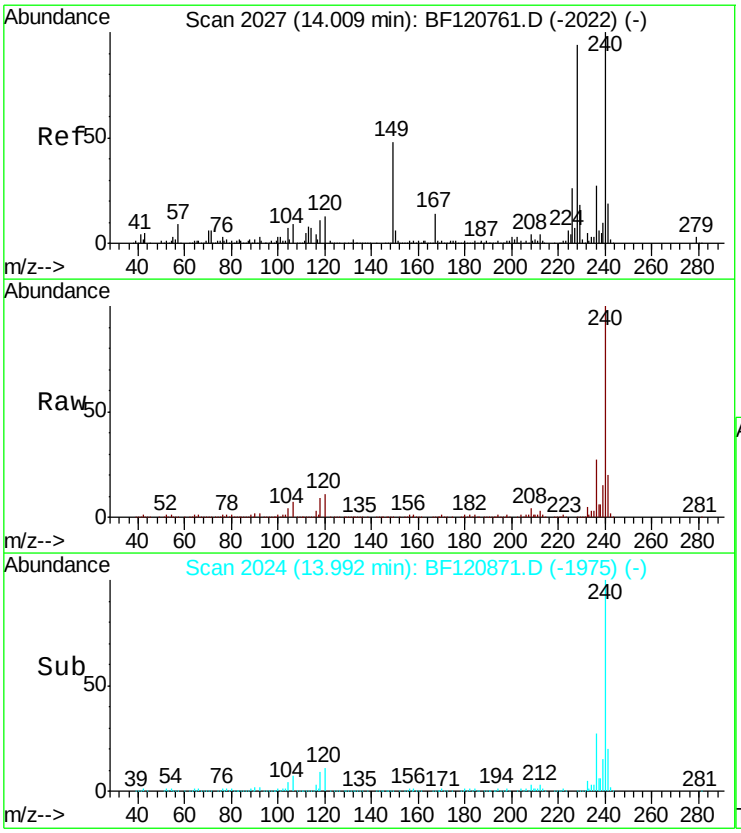
#67
4-Bromophenyl-phenylether
Concen: 3.181 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:248 Resp: 26240

Ion	Ratio	Lower	Upper
248	100		
250	206.8	76.5	114.7#
141	510.7	54.9	82.3#

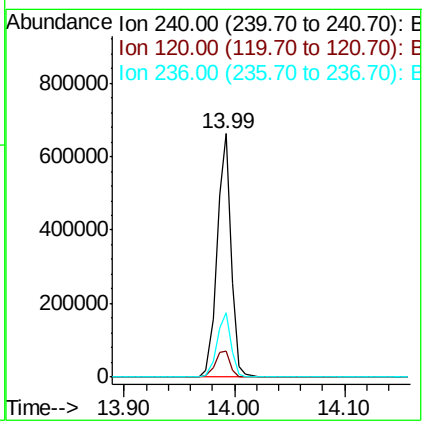


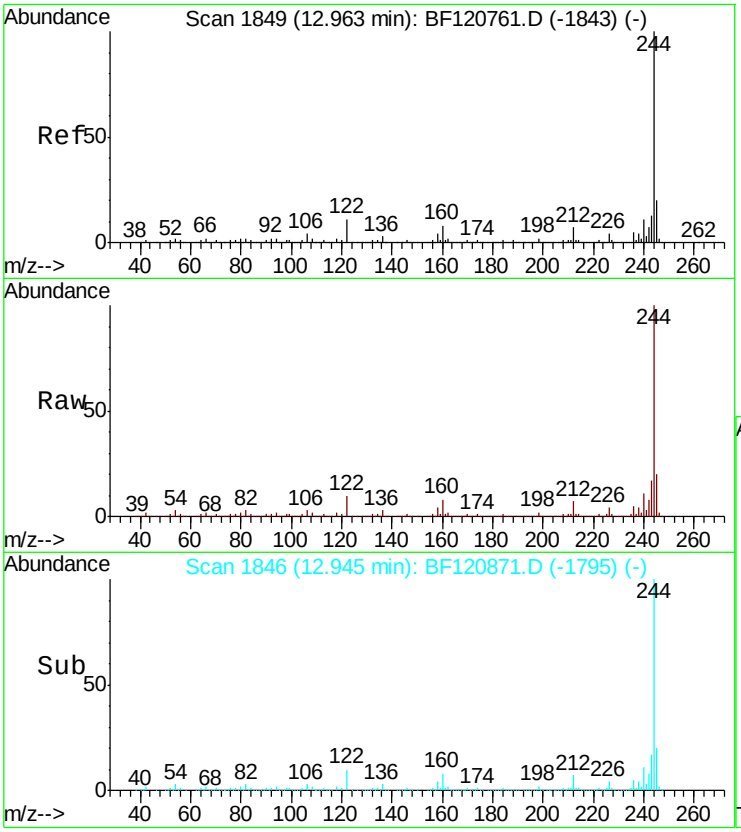


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:240 Resp: 581051

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.3	15.5
236	26.6	21.4	32.2



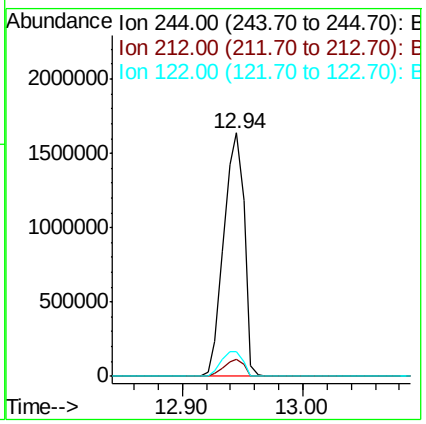


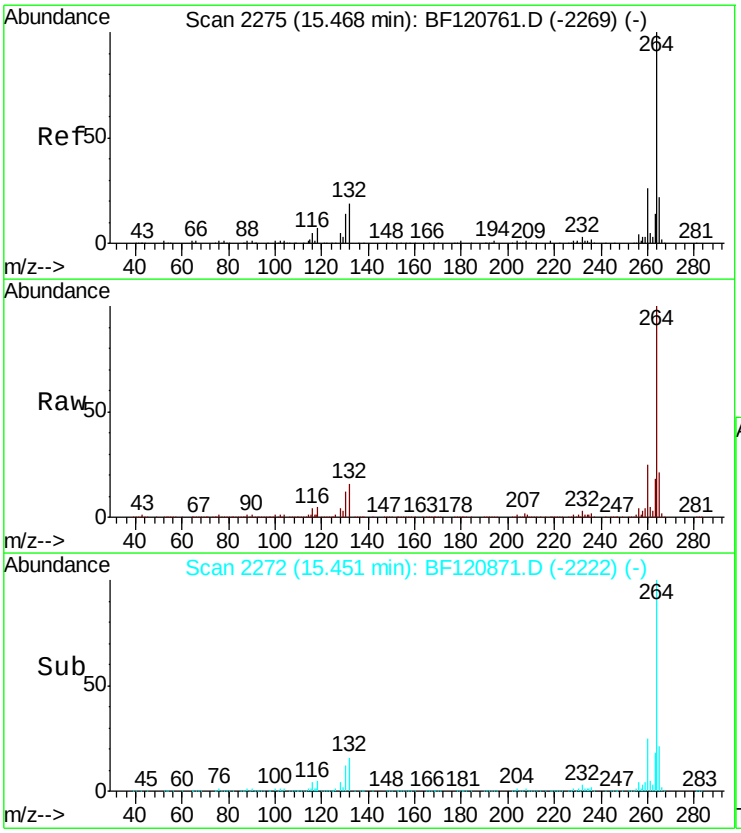
#79
Terphenyl-d14
Concen: 64.746 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tgt Ion:244 Resp: 1921500

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.3	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:264 Resp: 528193

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.4	17.6	26.4