Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121885.D
Acq On : 8 Oct 2020 13:01
Operator : JU/CG
Sample : PB132200BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132200BL

Quant Time: Oct 08 14:16:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	141945	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	574786	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	303517	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	586849	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	502482	20.00	ng	-0.01
86) Perylene-d12	15.37	264	427506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	878213	91.95	ng	0.00
7) Phenol-d6	6.40	99	1154189	92.11	ng	-0.01
23) Nitrobenzene-d5	7.33	82	795422	74.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	349241	92.58	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1362659	68.00	ng	-0.01
79) Terphenyl-d14	12.87	244	1555494	62.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	104360	14.451	ng	# 78
25) Isophorone	7.33	82	789010	36.613	ng	# 67
50) Dimethylphthalate	9.80	163	61356	2.789	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	37941	8.099	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	37941	6.437	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	592	6.993	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	19787	2.961	ng	# 1

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

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Acq On : 8 Oct 2020 13:01
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Quant Time: Oct 08 14:16:08 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
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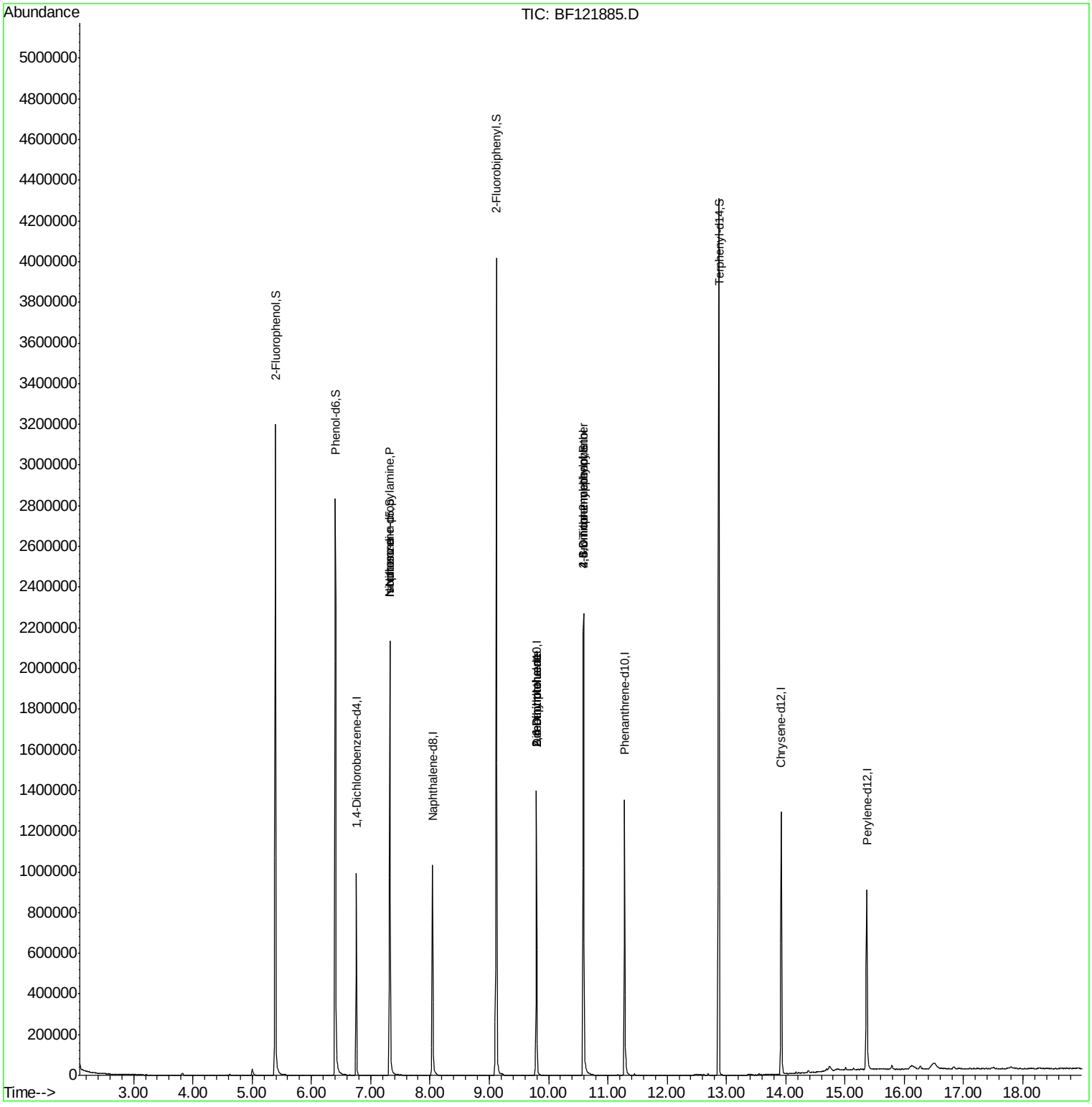
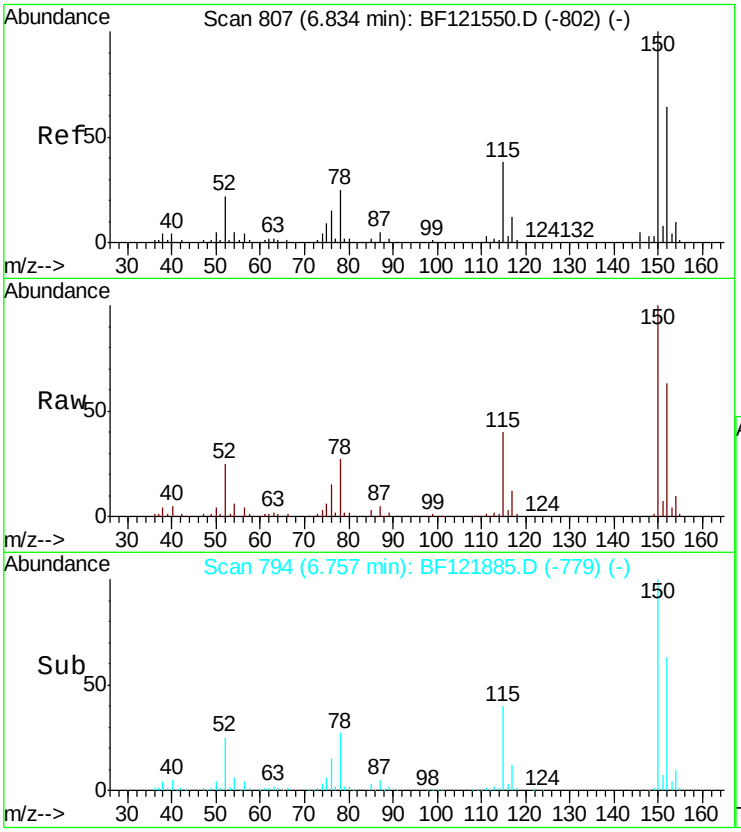


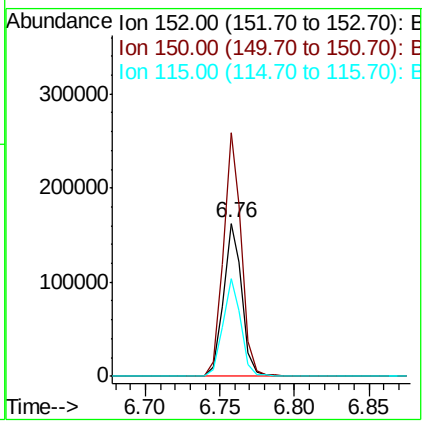


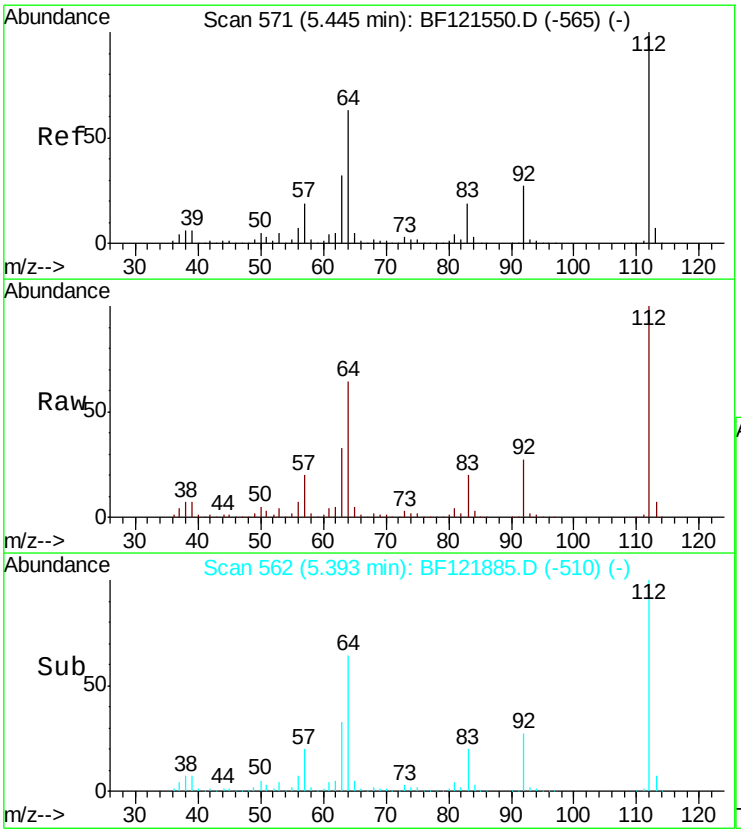
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:152 Resp: 141945

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.3	187.9
115	63.8	51.9	77.9

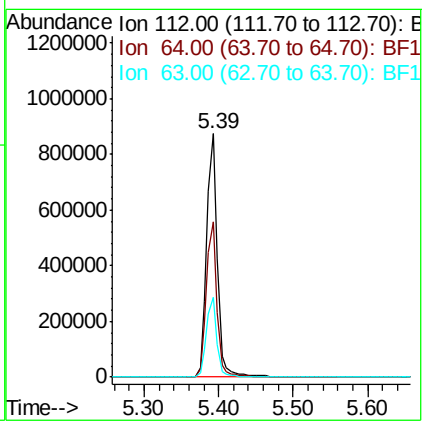


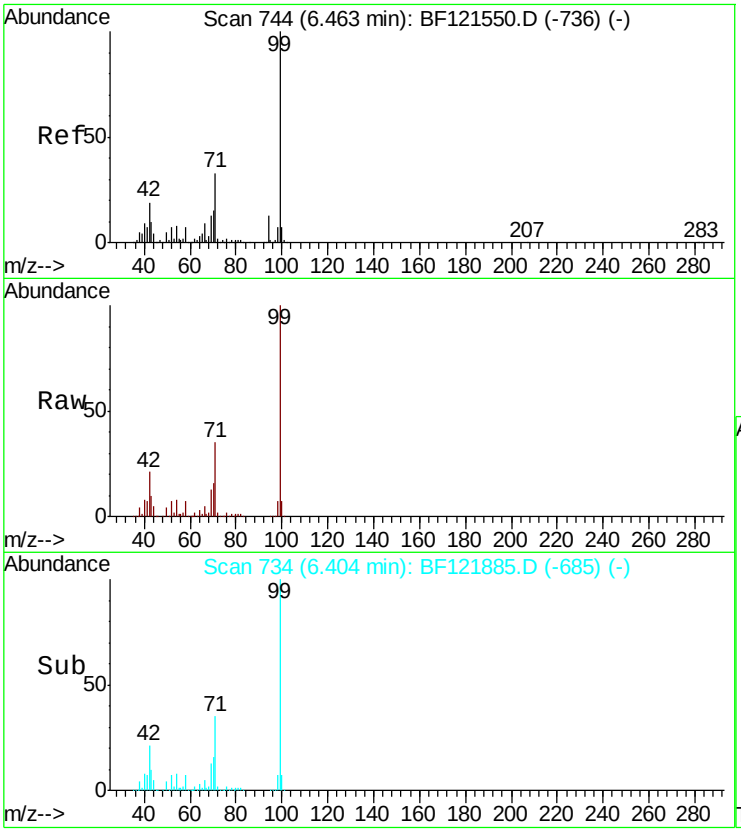


#5
2-Fluorophenol
Concen: 91.947 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:112 Resp: 878213

Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.4	75.6
63	32.7	25.8	38.6



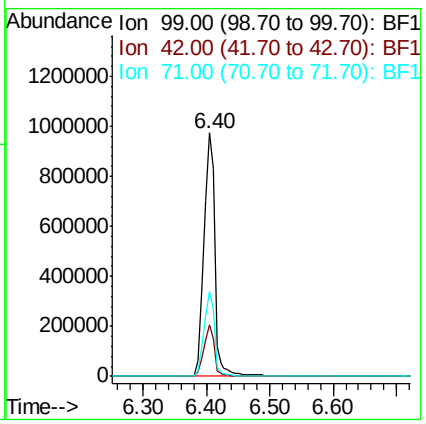


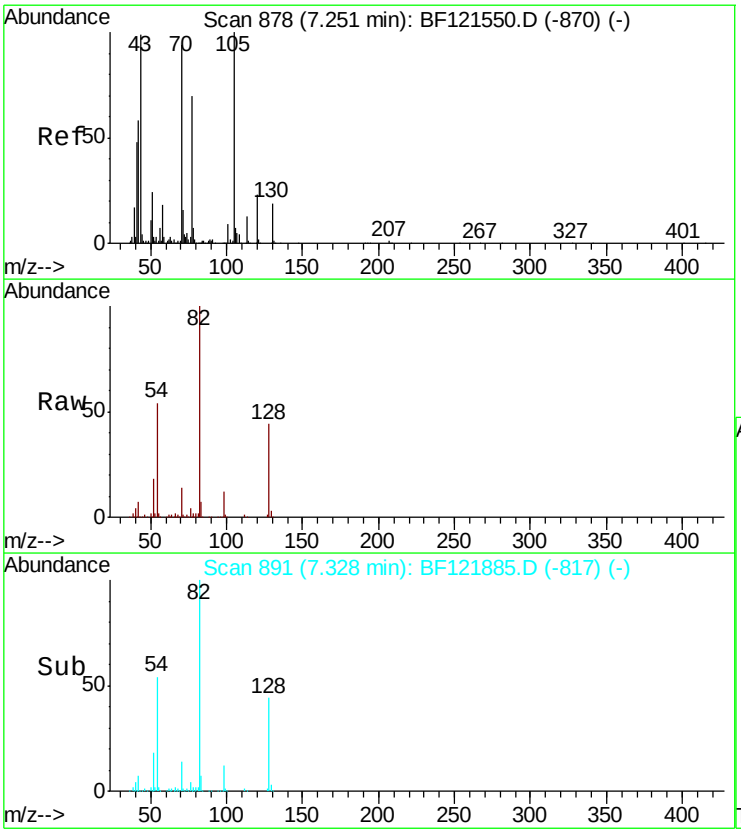
#7
Phenol-d6
Concen: 92.108 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion: 99 Resp: 1154189

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.9	23.9
71	35.0	27.1	40.7

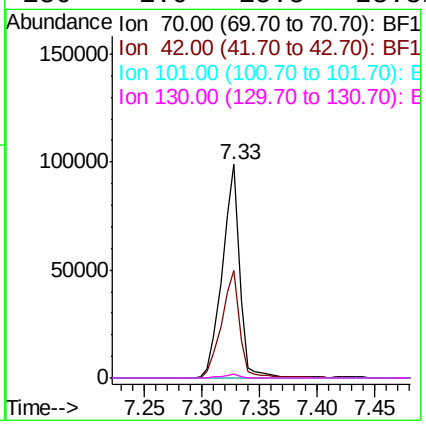


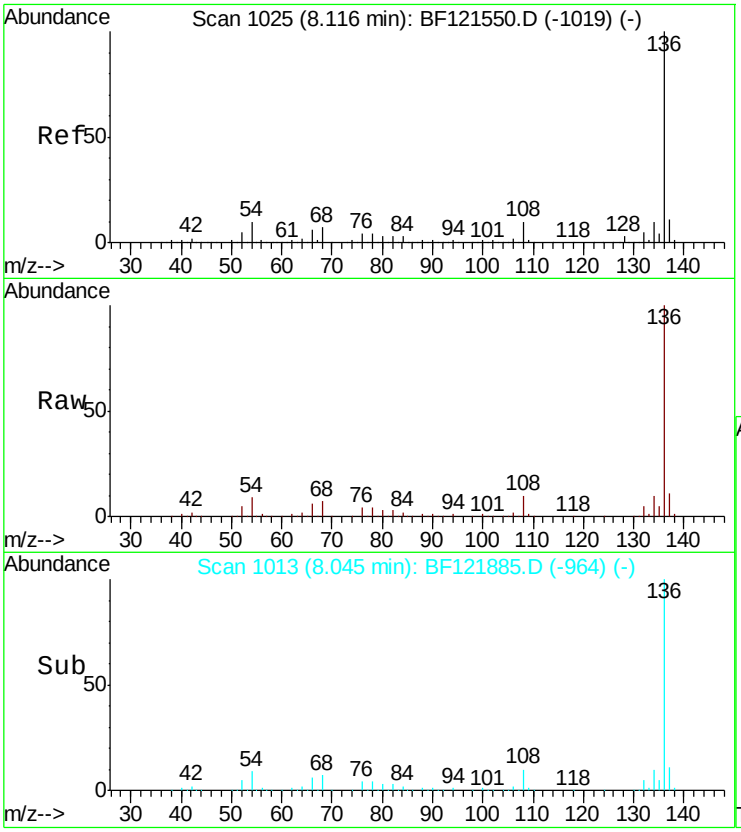


#19
n-Nitroso-di-n-propylamine
Concen: 14.451 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.14 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion: 70 Resp: 104360

Ion	Ratio	Lower	Upper
70	100		
42	50.2	50.2	75.4#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



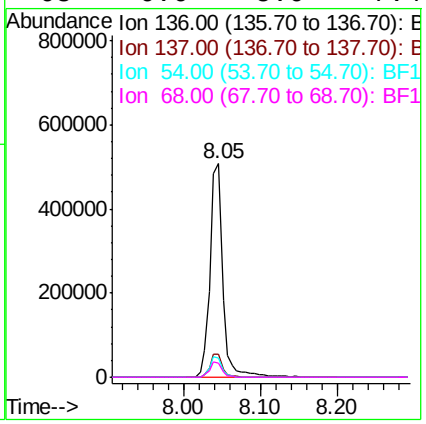


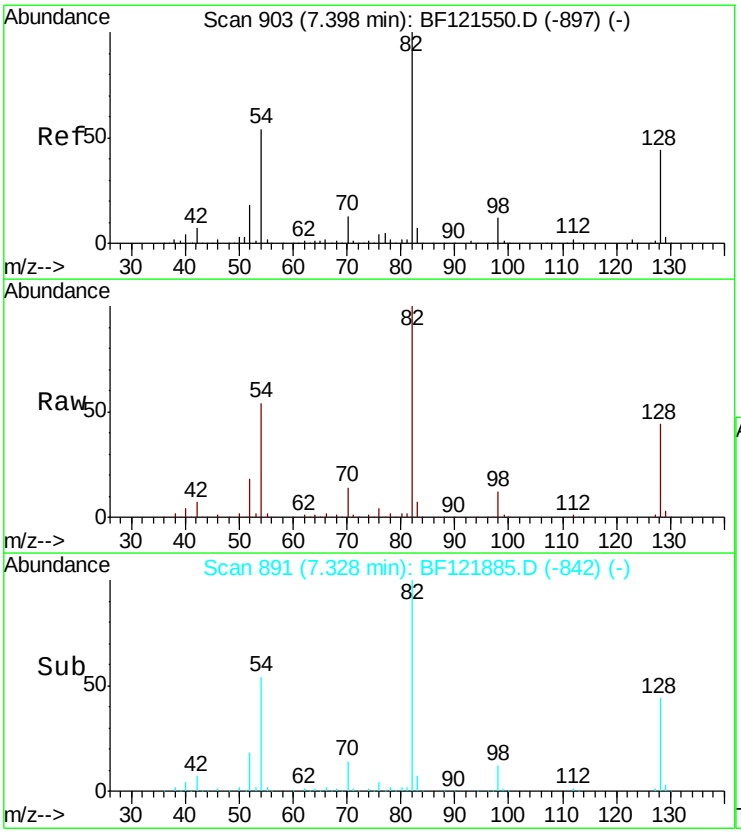
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument : BNA_F
ClientSampleId : PB132200BL

Tgt Ion:136 Resp: 574786

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.8	7.1	10.7
68	6.6	5.0	7.4

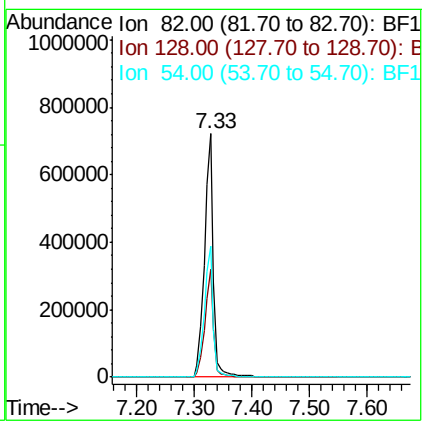


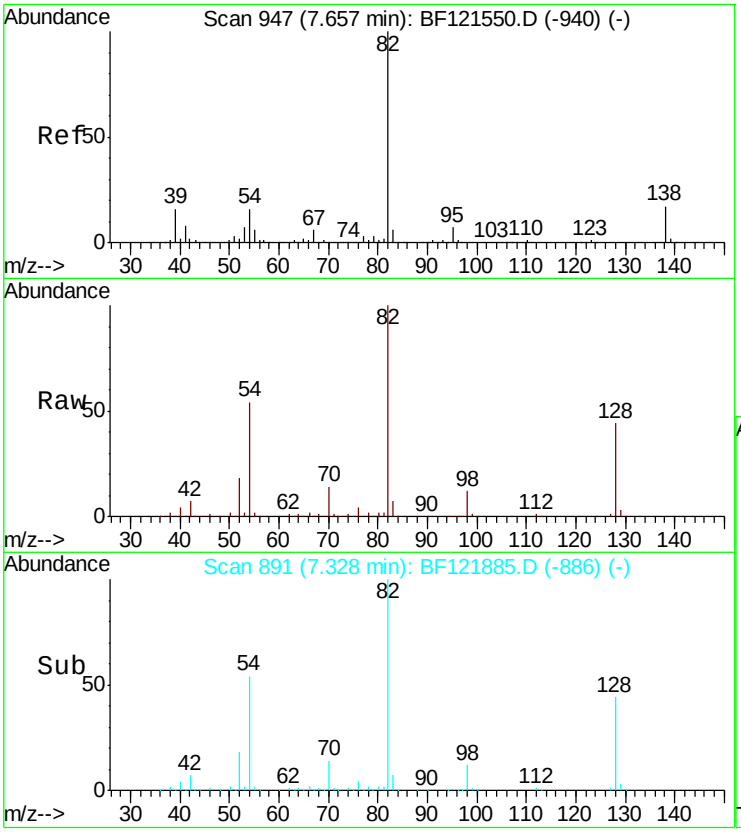


#23
Nitrobenzene-d5
Concen: 74.302 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion: 82 Resp: 795422

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.4
54	53.9	43.9	65.9



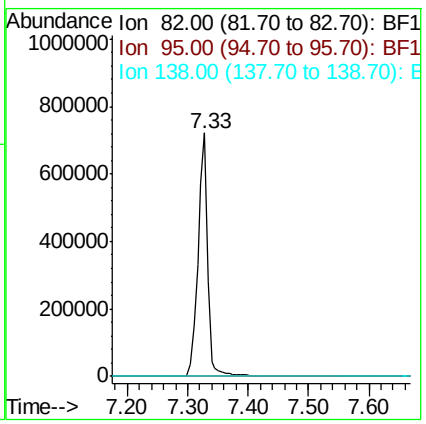


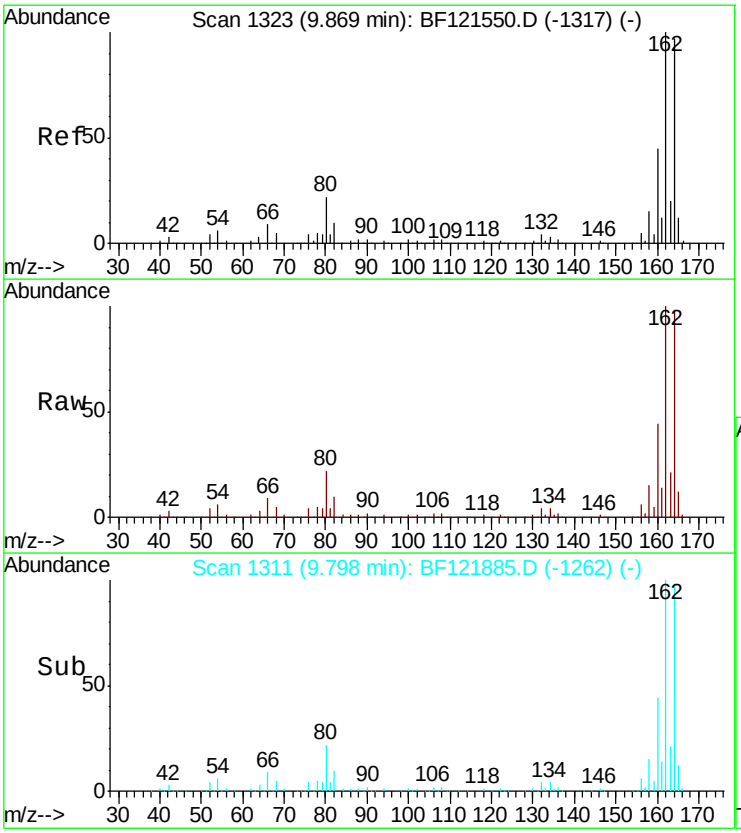
#25
Isophorone
Concen: 36.613 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion: 82 Resp: 789010

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

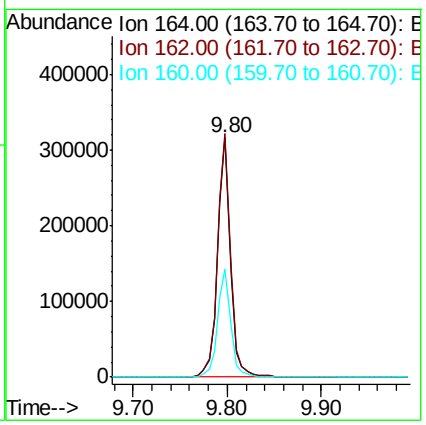


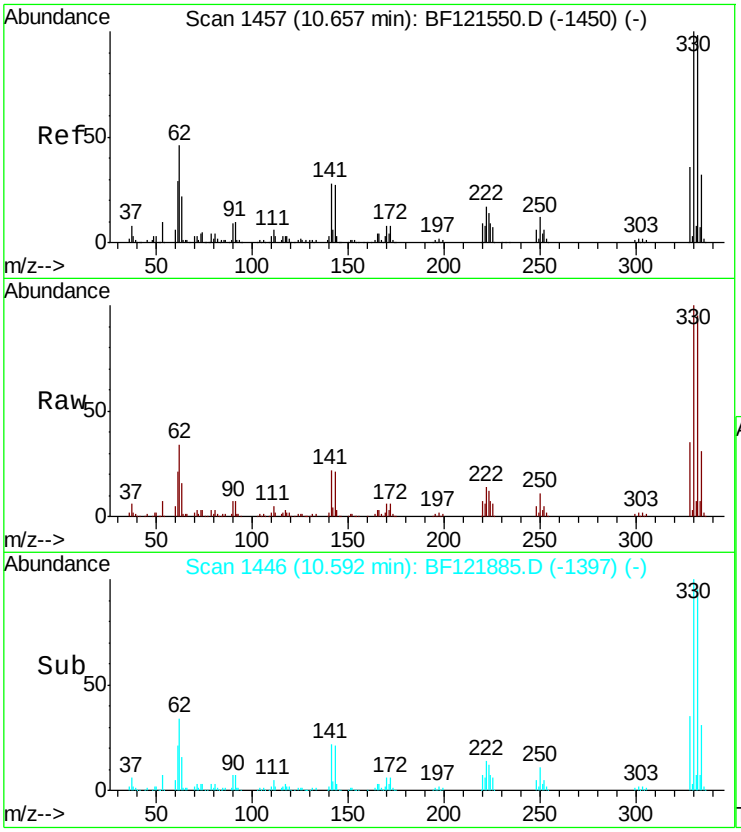


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:164 Resp: 303517

Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	45.2	37.5	56.3



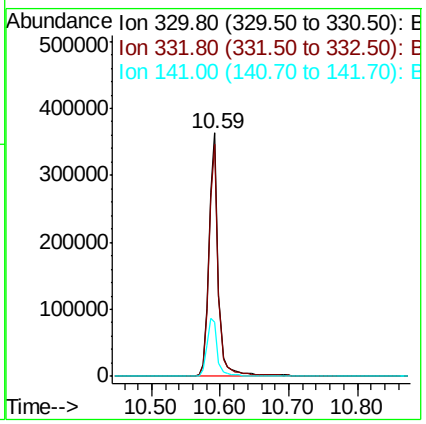


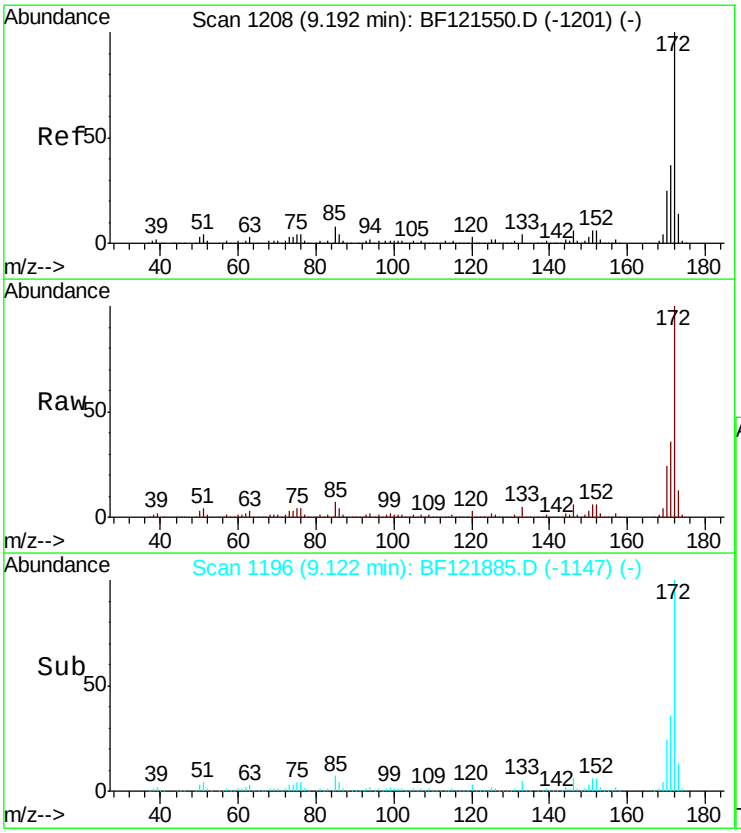
#42
2,4,6-Tribromophenol
Concen: 92.580 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:330 Resp: 349241

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.3	115.9
141	27.8	22.3	33.5

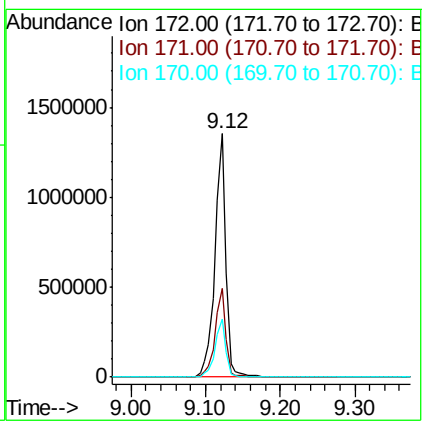


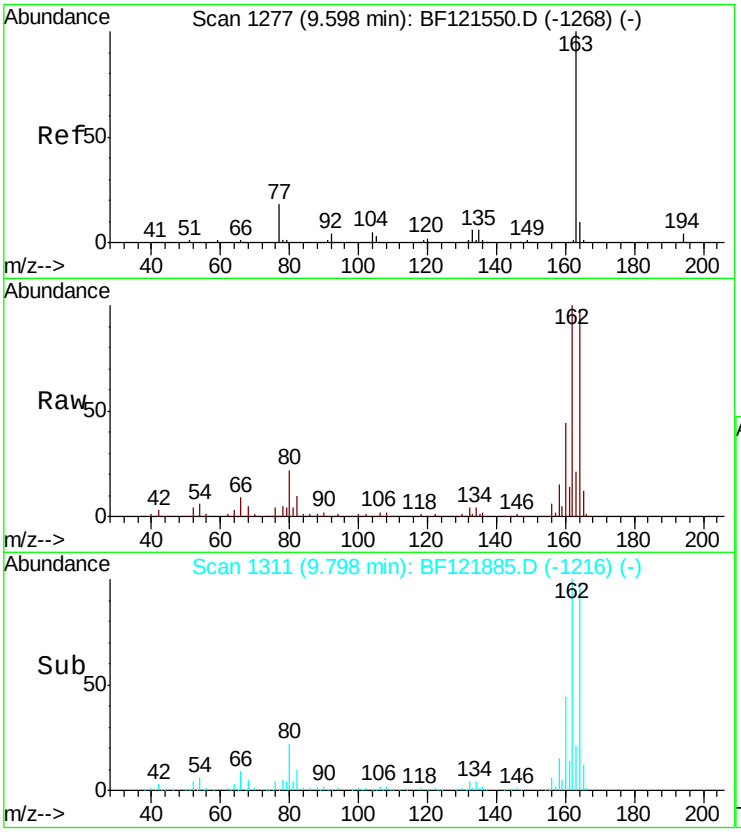


#45
2-Fluorobiphenyl
Concen: 67.996 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:172 Resp: 1362659

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.0	19.8	29.6



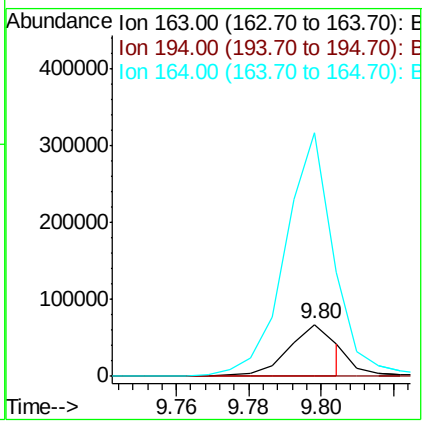


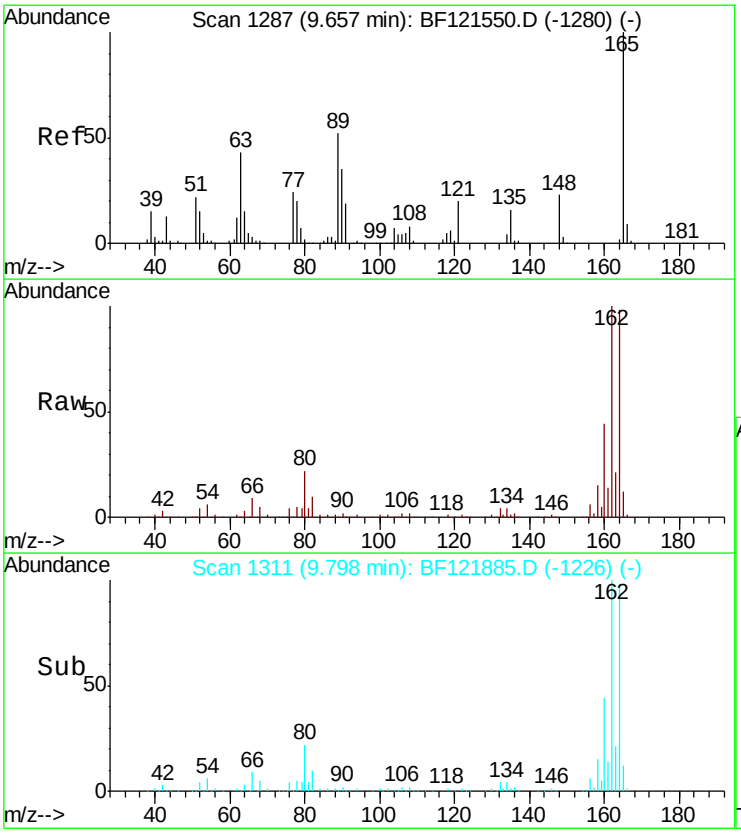
#50
Dimethylphthalate
Concen: 2.789 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.26 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:163 Resp: 61356

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	466.7	8.2	12.4#

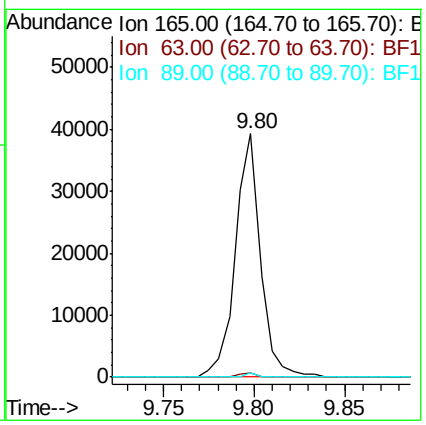


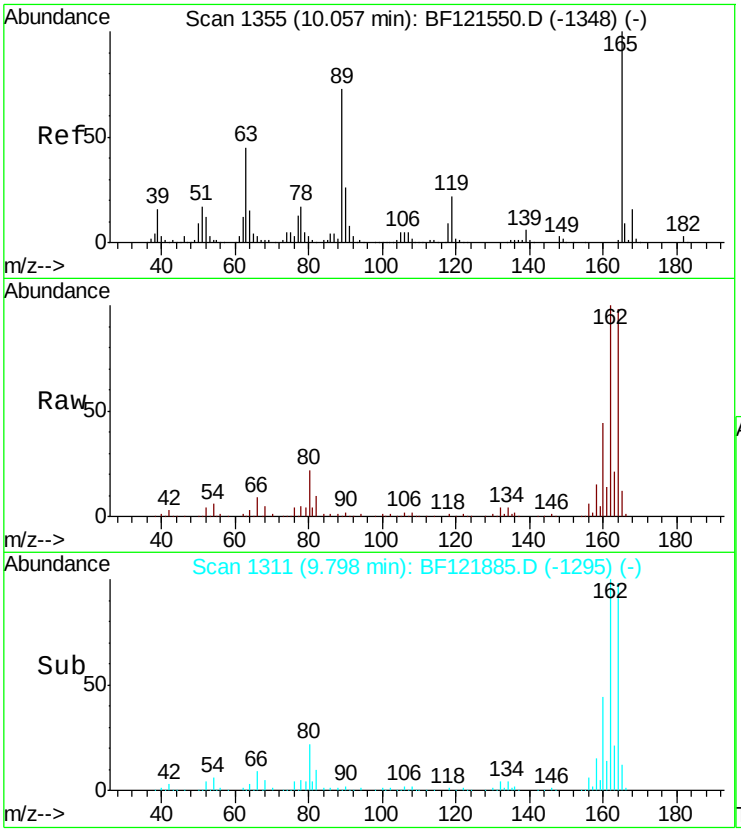


#51
2,6-Dinitrotoluene
Concen: 8.099 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:165 Resp: 37941

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.6#
89	1.5	49.0	73.6#



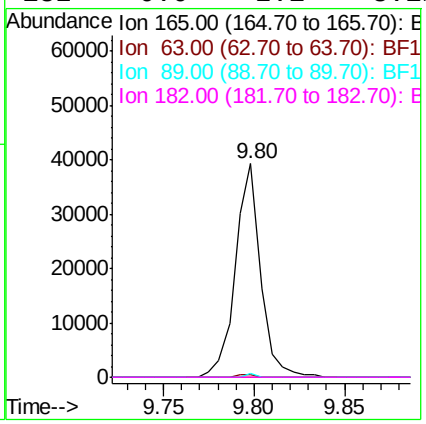


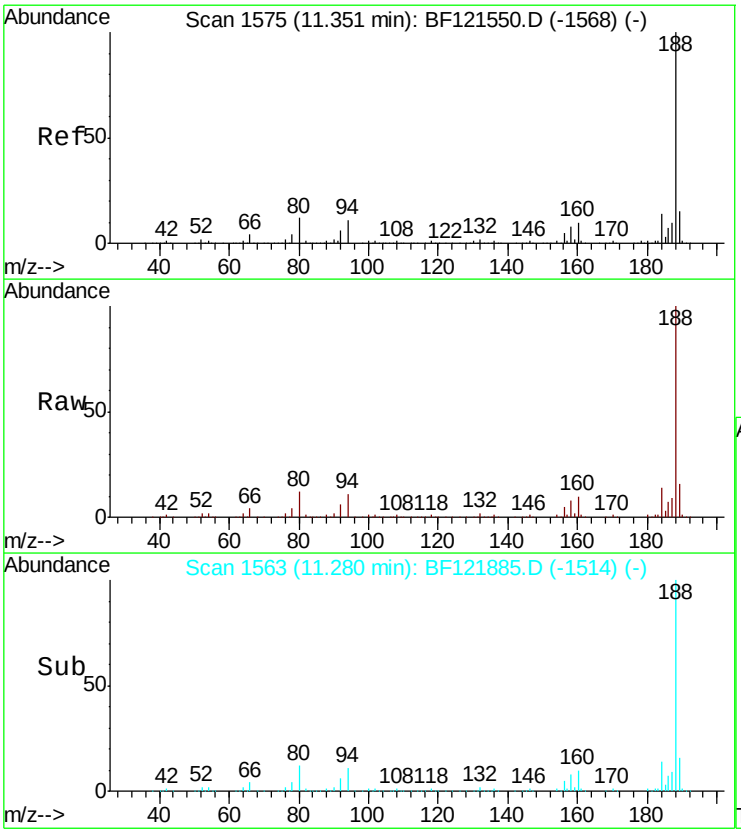
#57
2,4-Dinitrotoluene
Concen: 6.437 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:165 Resp: 37941

Ion	Ratio	Lower	Upper
165	100		
63	1.5	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#

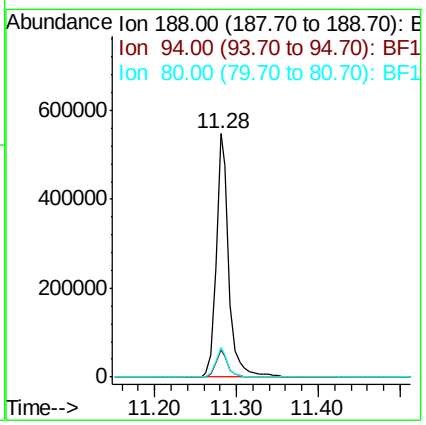


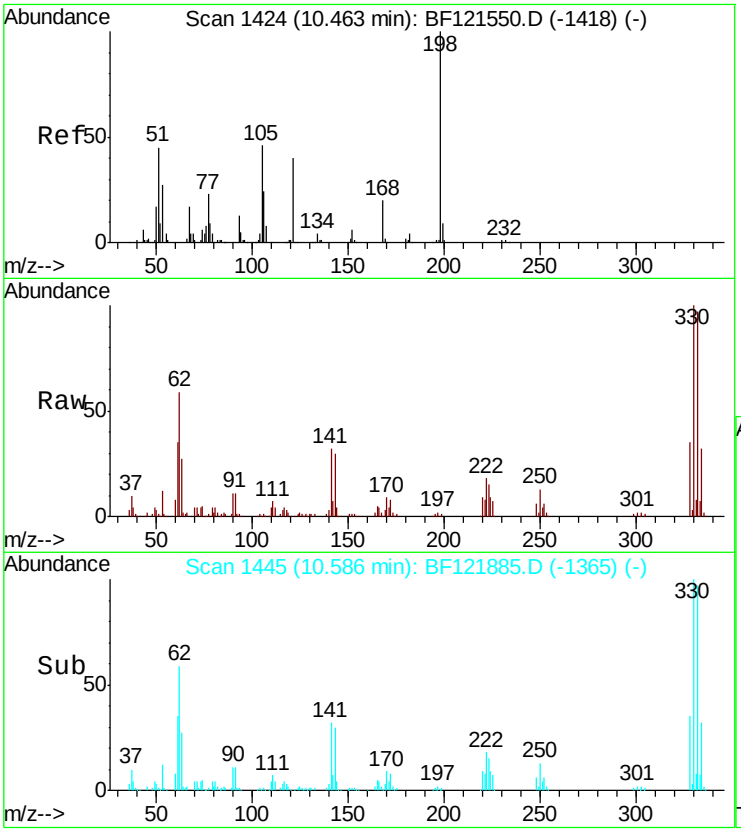


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:188 Resp: 586849

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.3	12.5
80	12.3	9.1	13.7



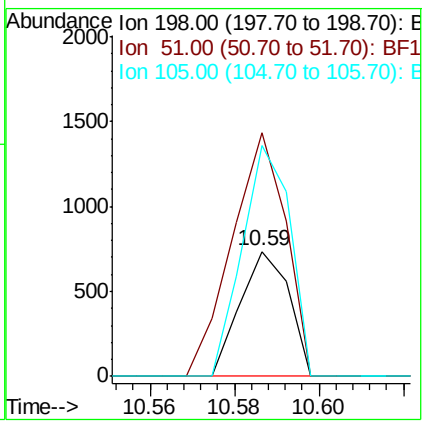


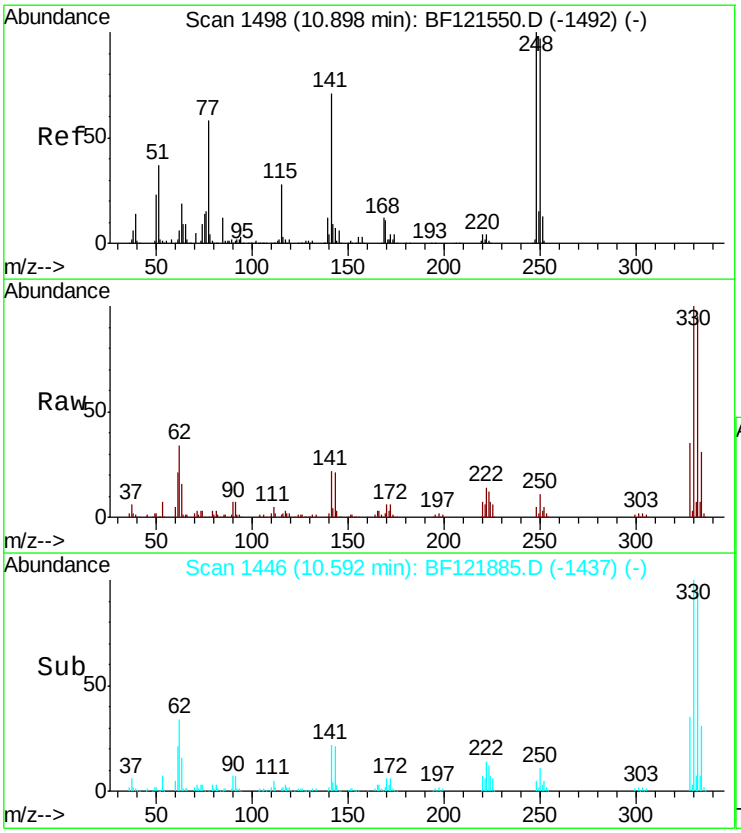
#65
4,6-Dinitro-2-methylphenol
Concen: 6.993 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.17 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:198 Resp: 592

Ion	Ratio	Lower	Upper
198	100		
51	195.1	29.6	69.6#
105	185.3	24.4	64.4#

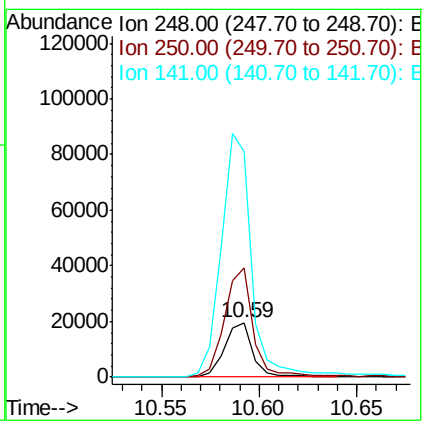


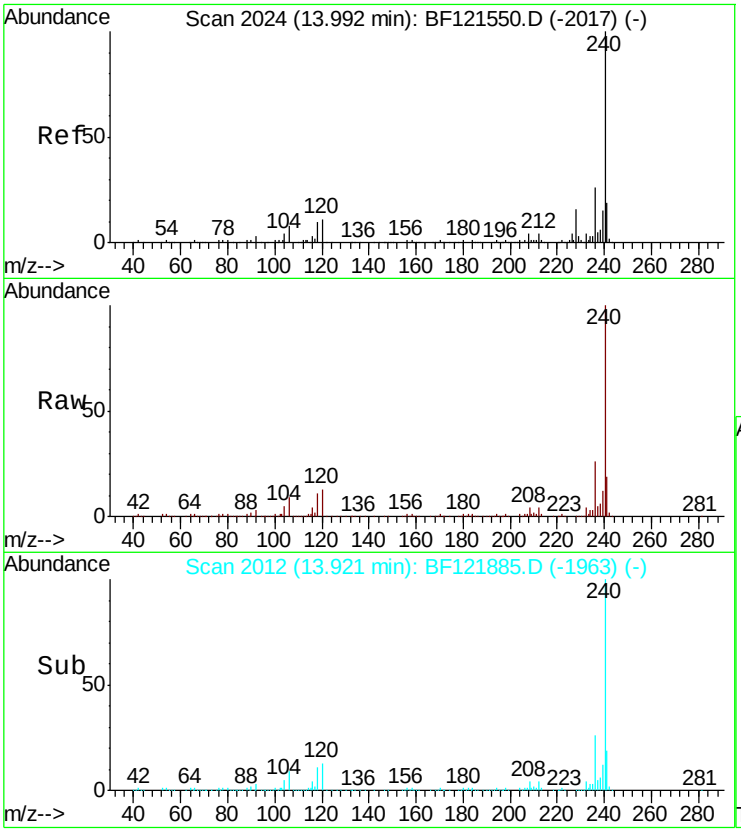


#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.25 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:248 Resp: 19787

Ion	Ratio	Lower	Upper
248	100		
250	201.3	77.0	115.6#
141	415.0	53.7	80.5#



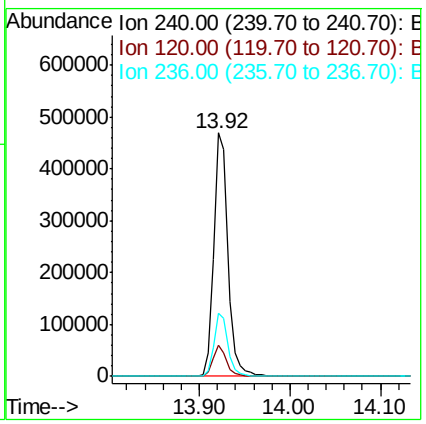


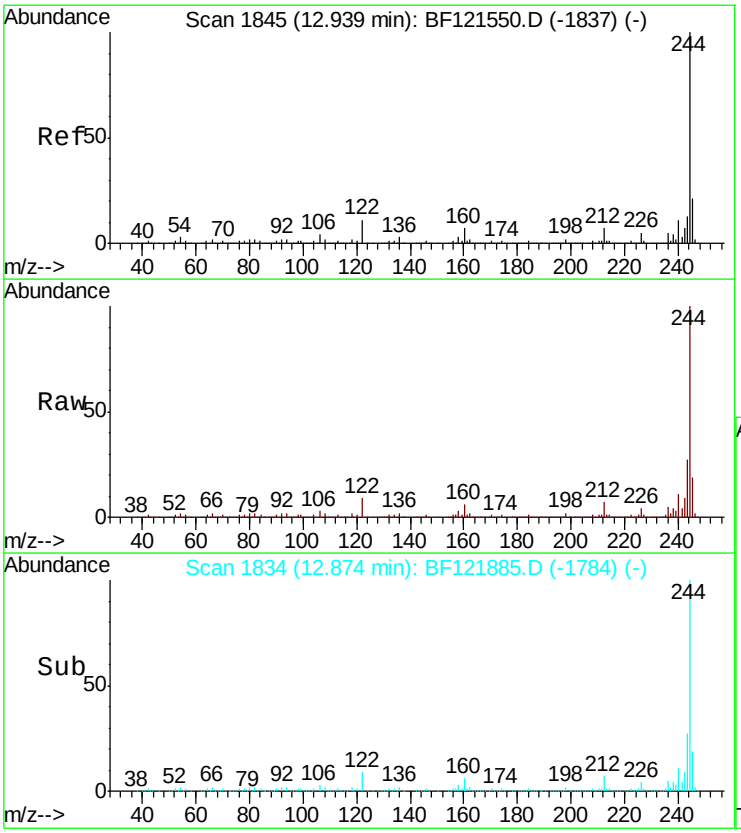
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:240 Resp: 502482

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.2	13.8
236	25.7	20.9	31.3

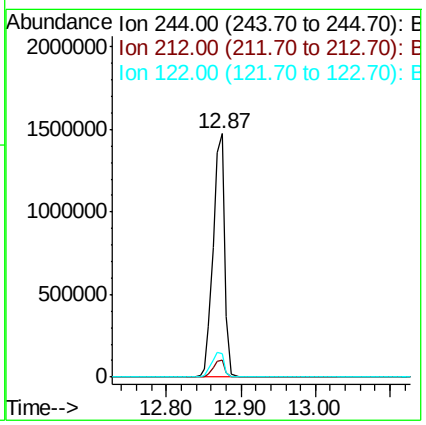


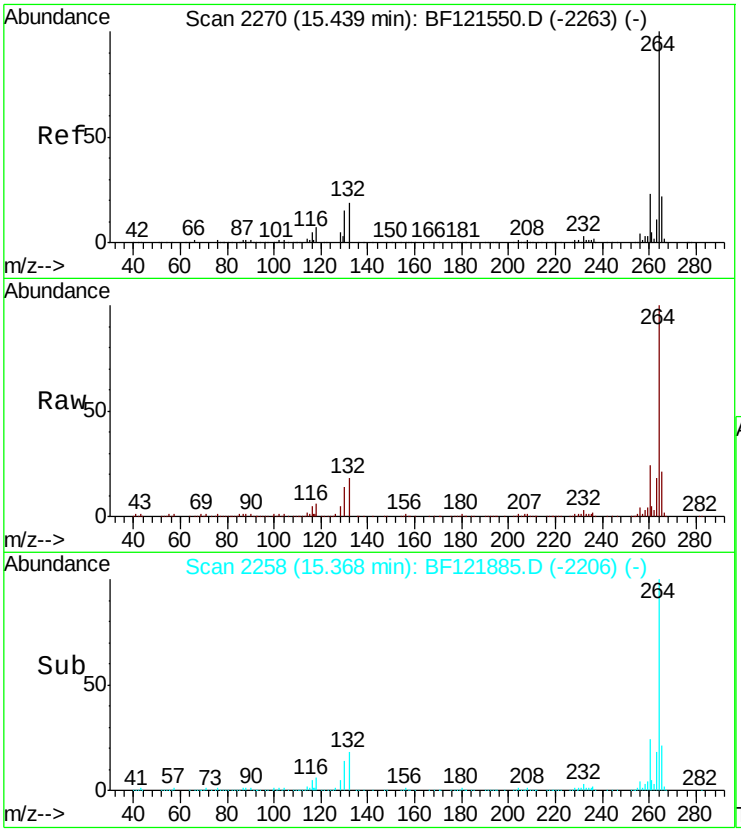


#79
Terphenyl-d14
Concen: 62.714 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Tgt Ion:244 Resp: 1555494

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	9.4	8.1	12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121885.D
Acq: 8 Oct 2020 13:01

Instrument :
BNA_F
ClientSampleId :
PB132200BL

Tgt Ion:264 Resp: 427506

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	20.8	17.3	25.9