Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121796.D
Acq On : 2 Oct 2020 16:11
Operator : JU/CG
Sample : L4198-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-25

Quant Time: Oct 02 17:28:53 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	145775	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	570064	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	274084	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	456449	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	286097	20.00	ng		-0.02
86) Perylene-d12	15.35	264	280408	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	747746	76.23	ng		0.00
7) Phenol-d6	6.40	99	940098	73.05	ng		-0.01
23) Nitrobenzene-d5	7.33	82	649230	61.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	242792	71.27	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1088610	60.15	ng		-0.01
79) Terphenyl-d14	12.86	244	849888	60.18	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	86730	11.694	ng	#	79
25) Isophorone	7.33	82	645734	30.213	ng	#	67
50) Dimethylphthalate	9.52	163	105659	5.319	ng		98
51) 2,6-Dinitrotoluene	9.80	165	35388	8.365	ng	#	21
57) 2,4-Dinitrotoluene	9.80	165	35388	6.649	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.59	198	492	7.003	ng	#	1
67) 4-Bromophenyl-phenylether	10.59	248	14061	2.706	ng	#	1
75) Fluoranthene	12.49	202	108976	4.105	ng		99
78) Pyrene	12.72	202	92084	4.405	ng		98
81) Benzo(a)anthracene	13.90	228	39745	2.196	ng		98
83) Chrysene	13.94	228	38315	2.090	ng		98
88) Benzo(b)fluoranthene	14.94	252	61112	3.260	ng	#	96
89) Benzo(k)fluoranthene	14.94	252	61112	3.560	ng	#	95

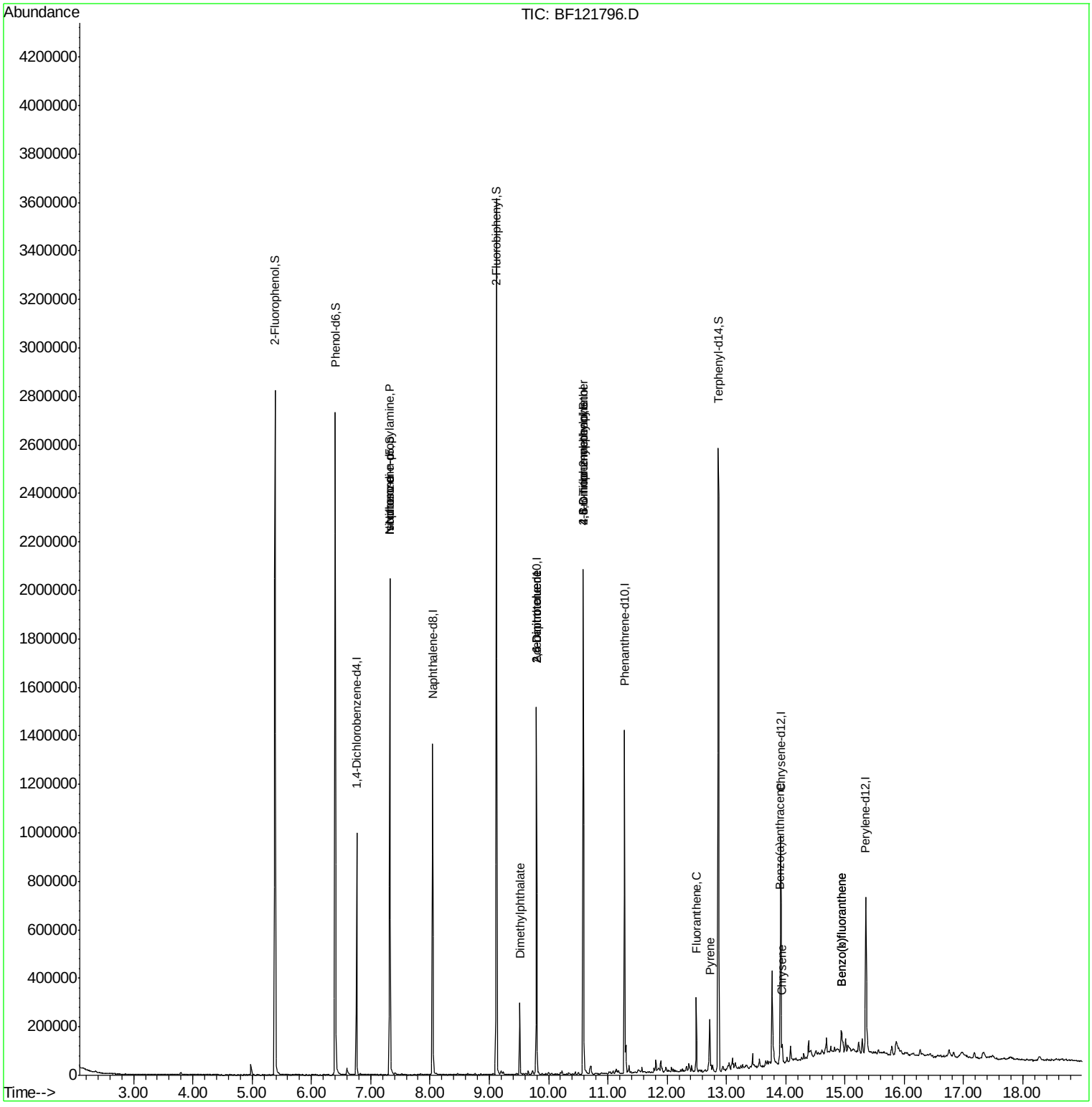
(#) = qualifier out of range (m) = manual integration (+) = signals summed

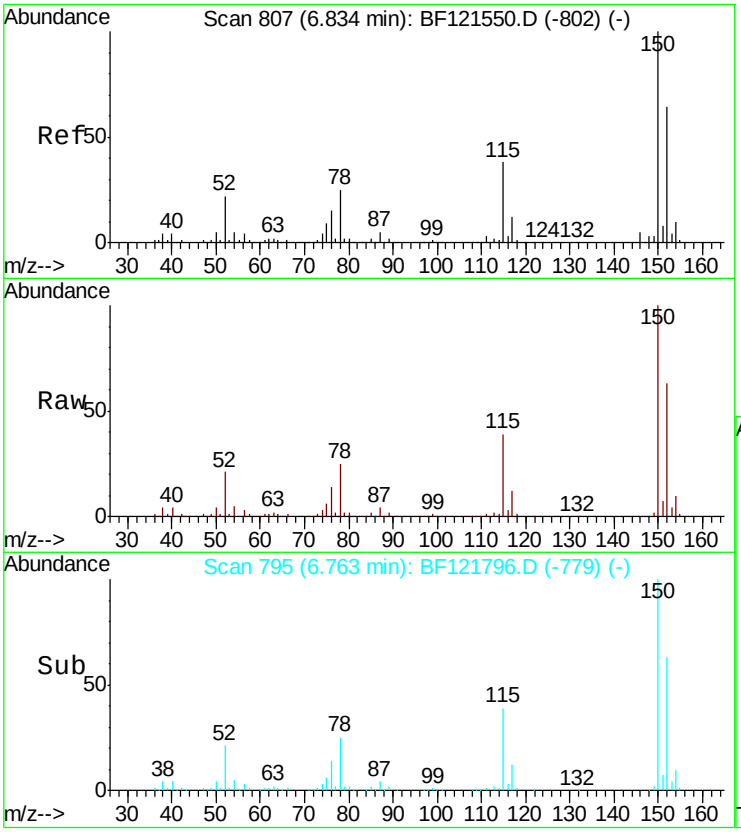
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121796.D
Acq On : 2 Oct 2020 16:11
Operator : JU/CG
Sample : L4198-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-25

Quant Time: Oct 02 17:28:53 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



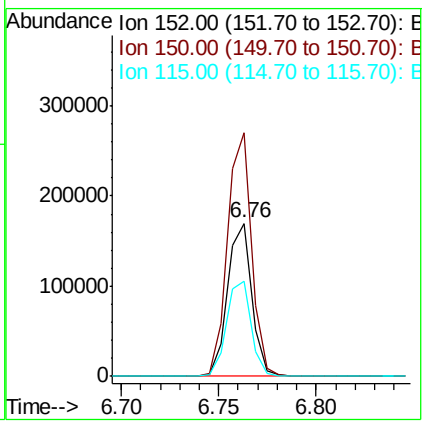


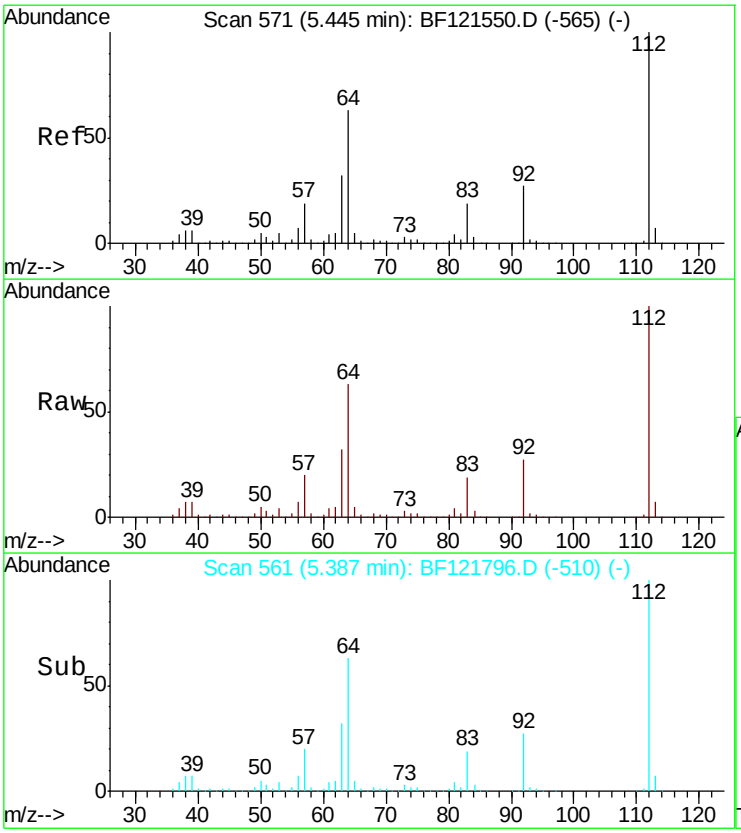
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:152 Resp: 145775

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.3	187.9
115	61.8	51.9	77.9

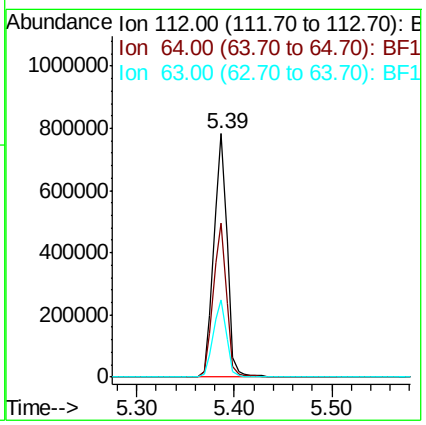


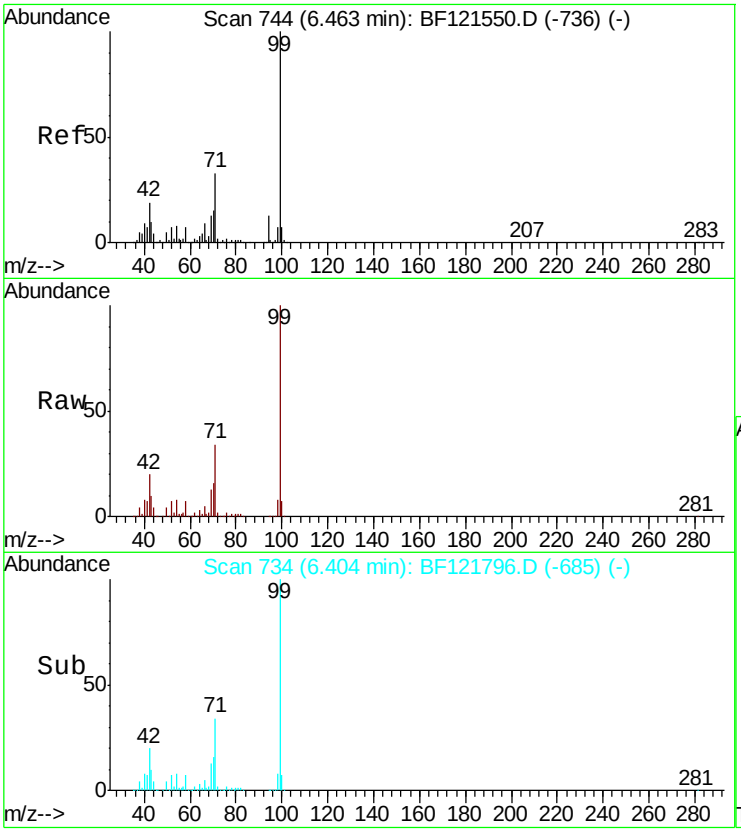


#5
2-Fluorophenol
Concen: 76.230 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:112 Resp: 747746

Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.4	75.6
63	32.0	25.8	38.6



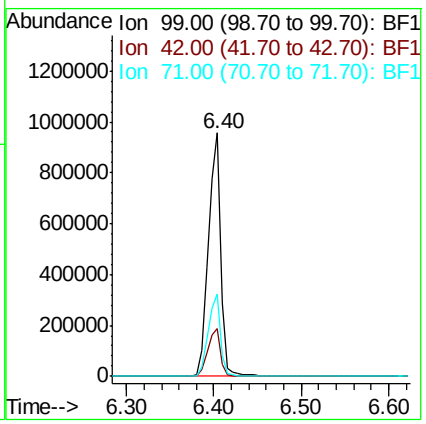


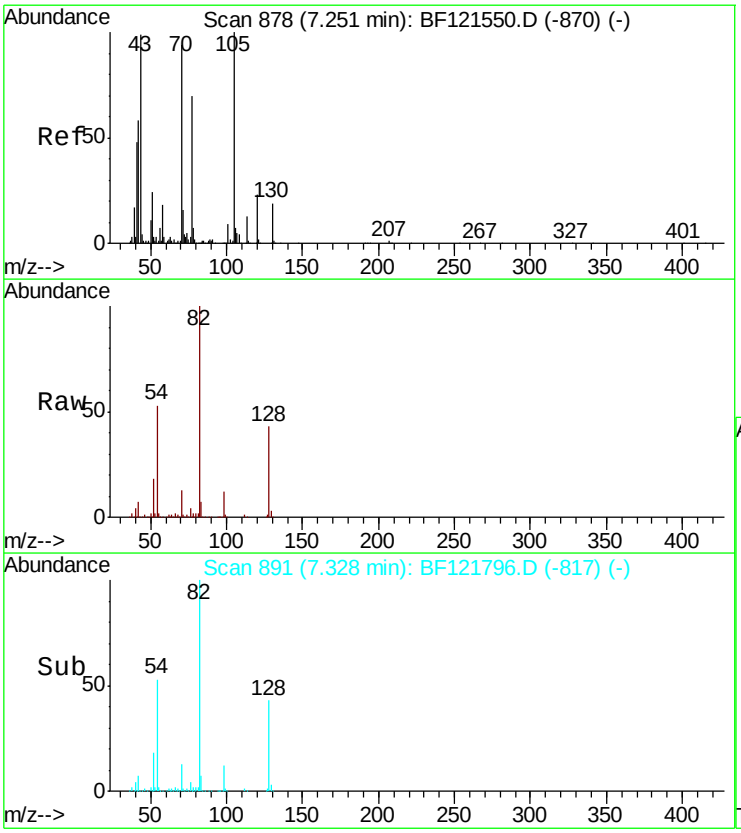
#7
Phenol-d6
Concen: 73.052 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion: 99 Resp: 940098

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	33.6	27.1	40.7

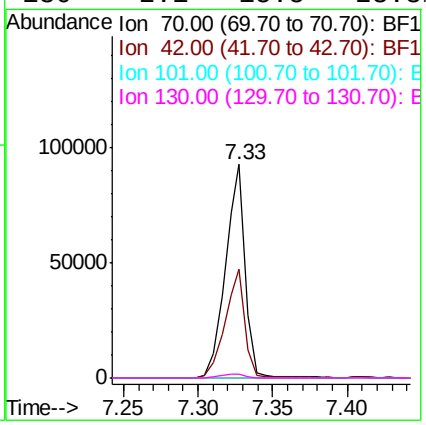


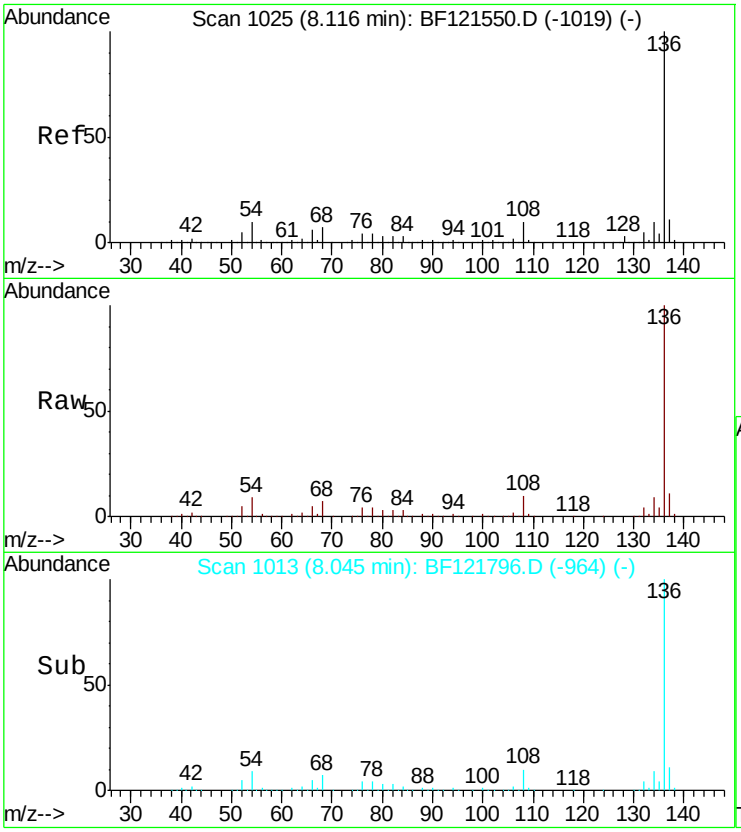


#19
n-Nitroso-di-n-propylamine
Concen: 11.694 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.14 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion: 70 Resp: 86730

Ion	Ratio	Lower	Upper
70	100		
42	50.8	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



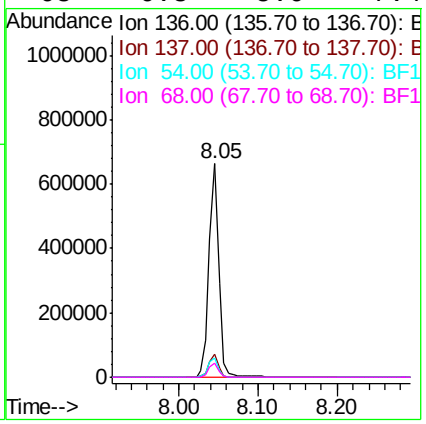


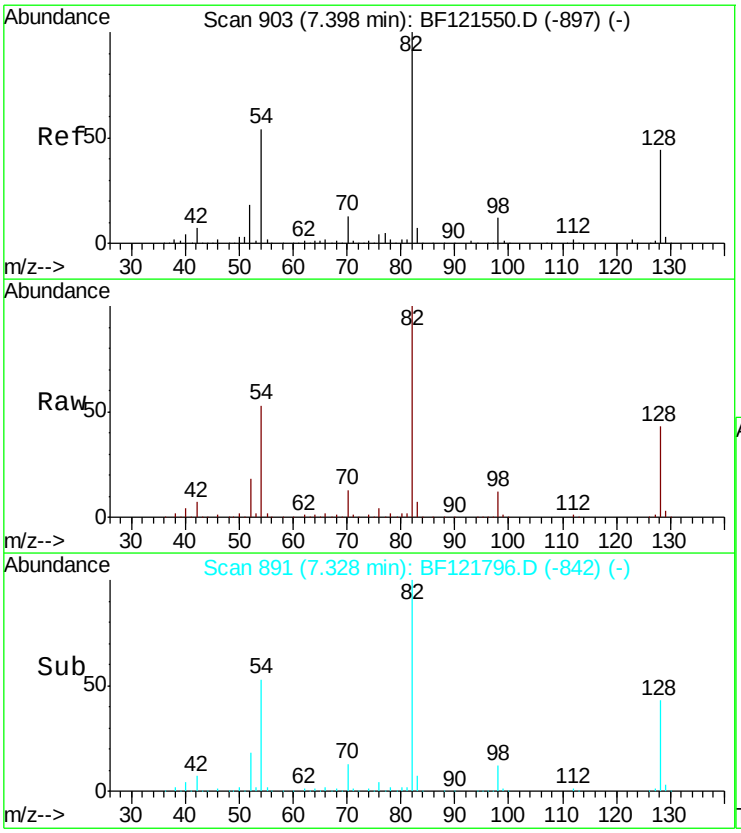
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:136 Resp: 570064

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.2	7.1	10.7
68	6.8	5.0	7.4

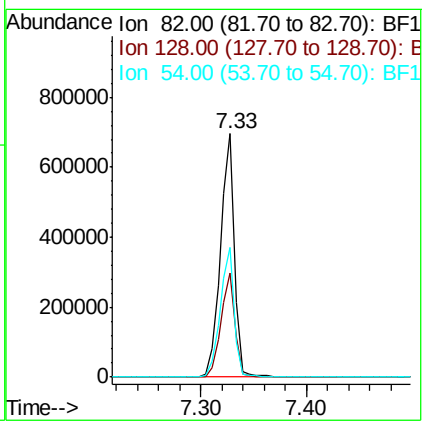


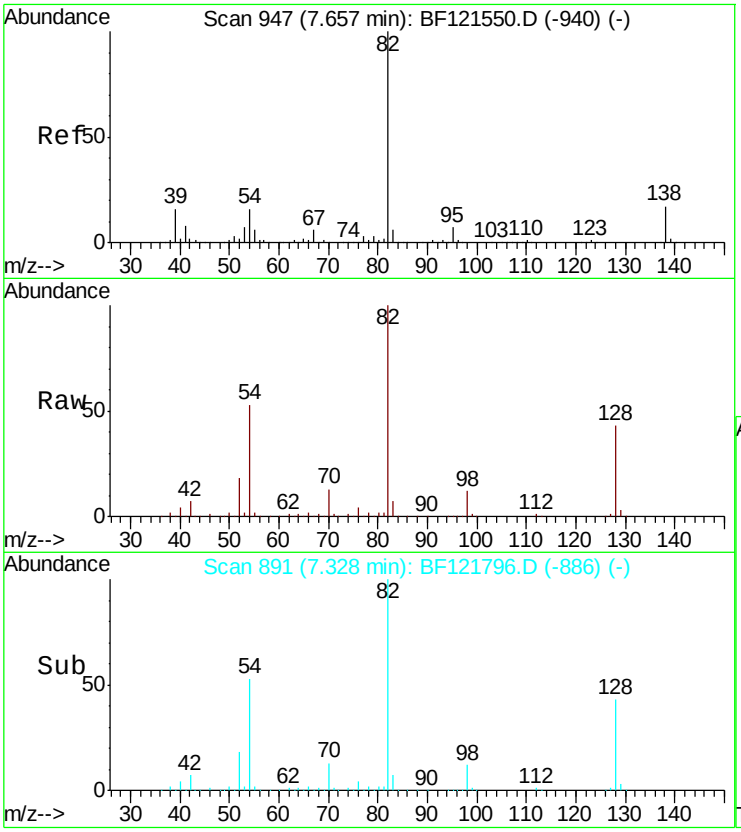


#23
Nitrobenzene-d5
Concen: 61.148 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion: 82 Resp: 649230

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.3	43.9	65.9



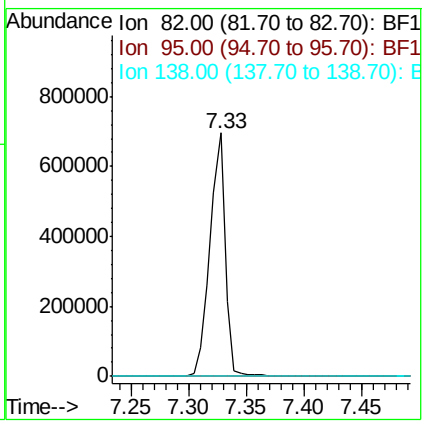


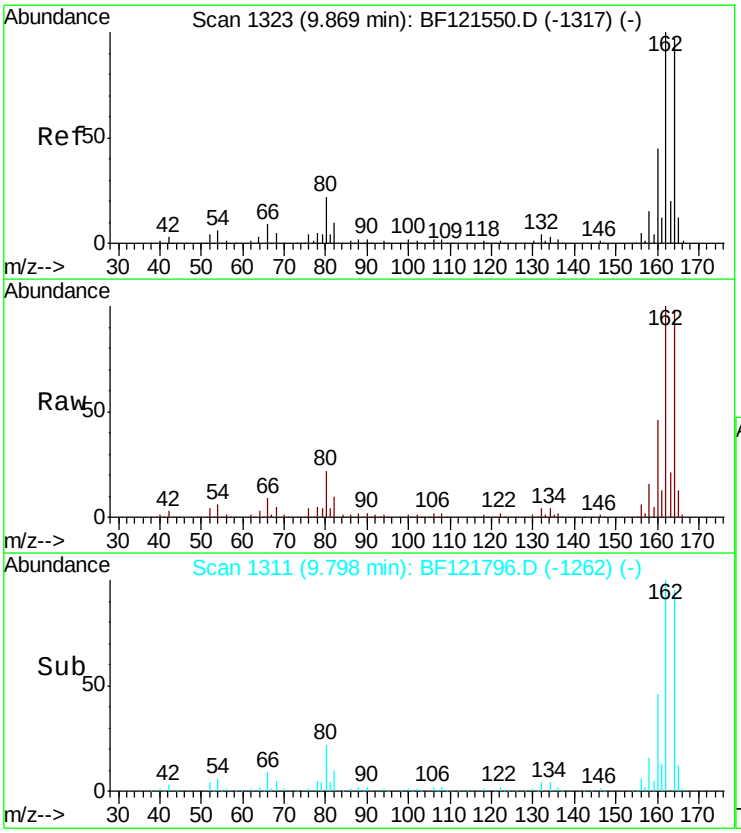
#25
Isophorone
Concen: 30.213 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion: 82 Resp: 645734

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

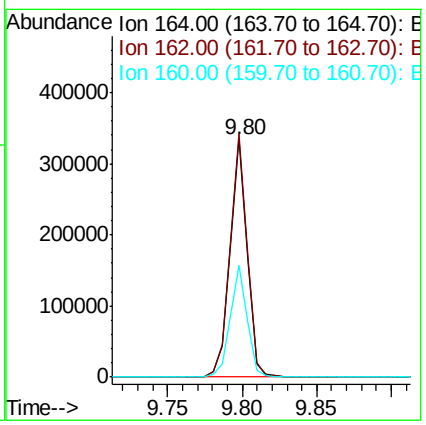


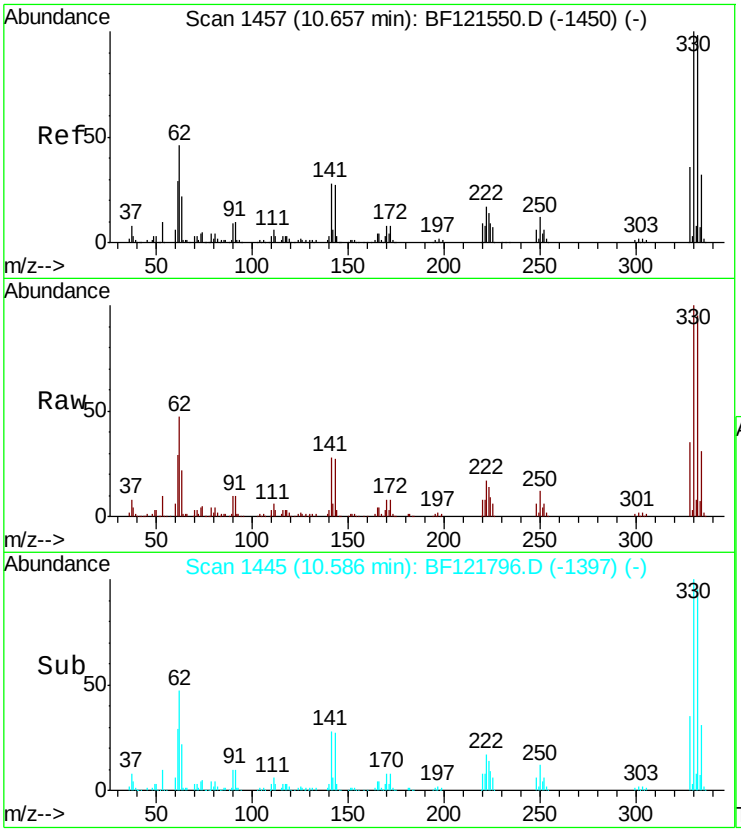


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:164 Resp: 274084

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.2	124.8
160	47.1	37.5	56.3



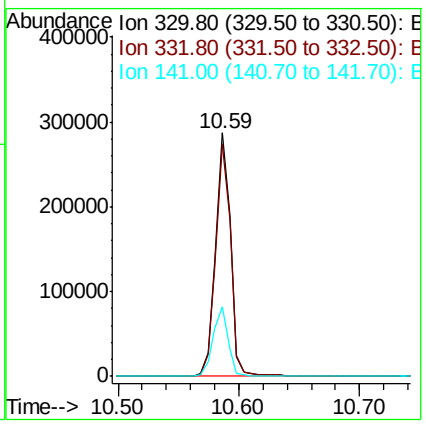


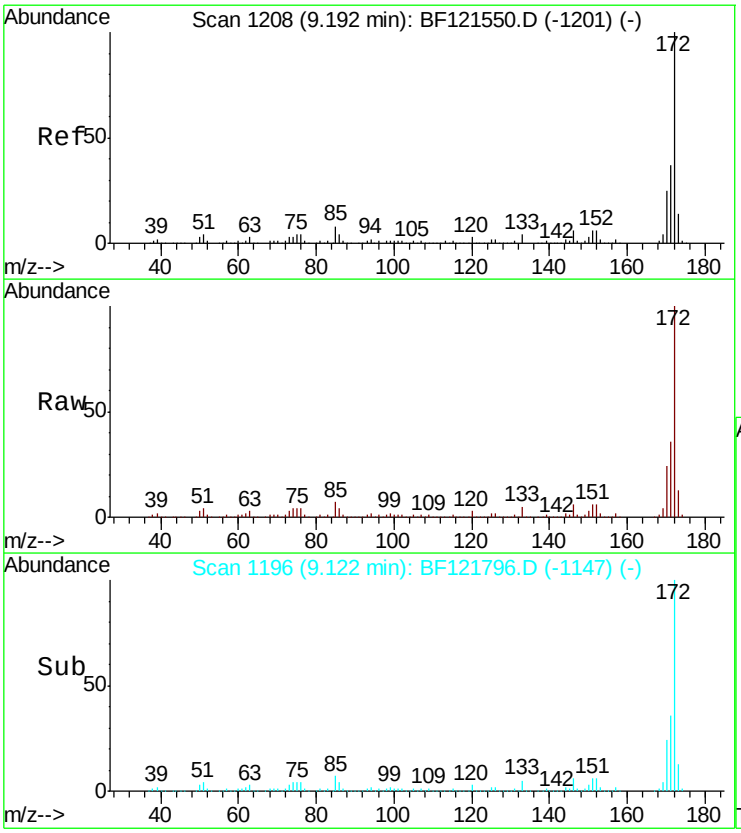
#42
2,4,6-Tribromophenol
Concen: 71.273 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:330 Resp: 242792

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.0	22.3	33.5

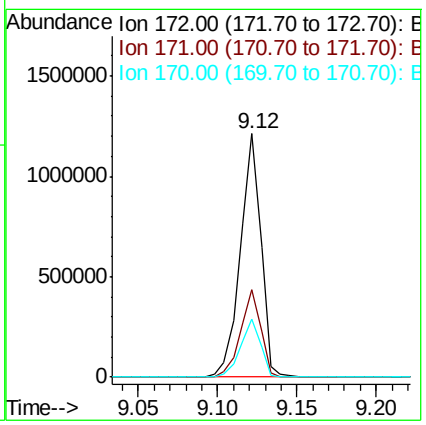


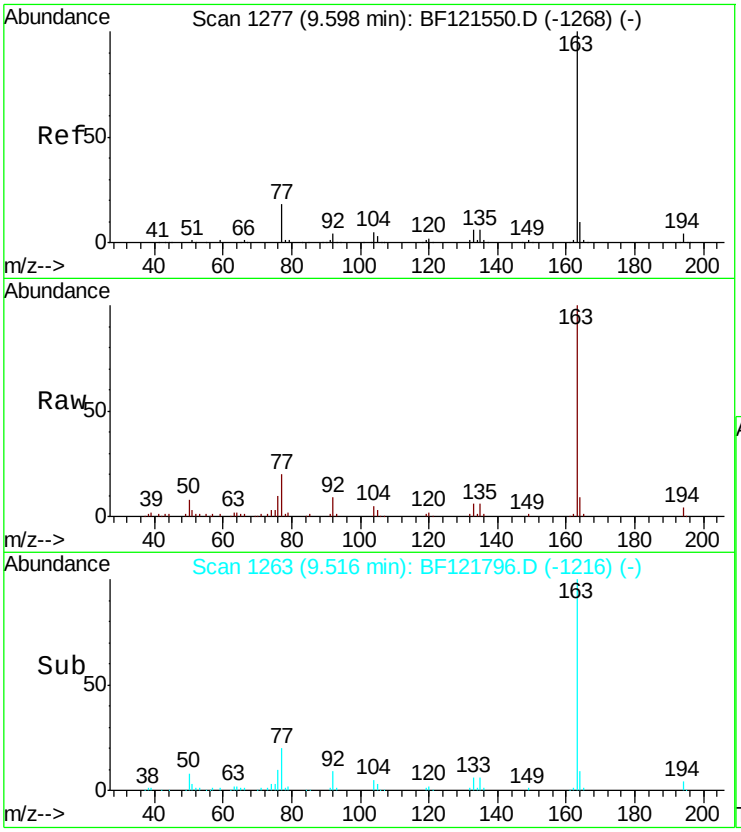


#45
2-Fluorobiphenyl
Concen: 60.154 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:172 Resp: 1088610

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	23.7	19.8	29.6



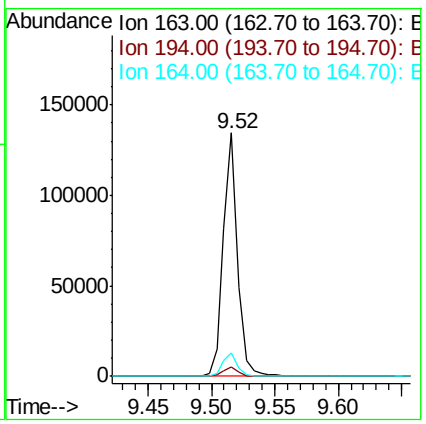


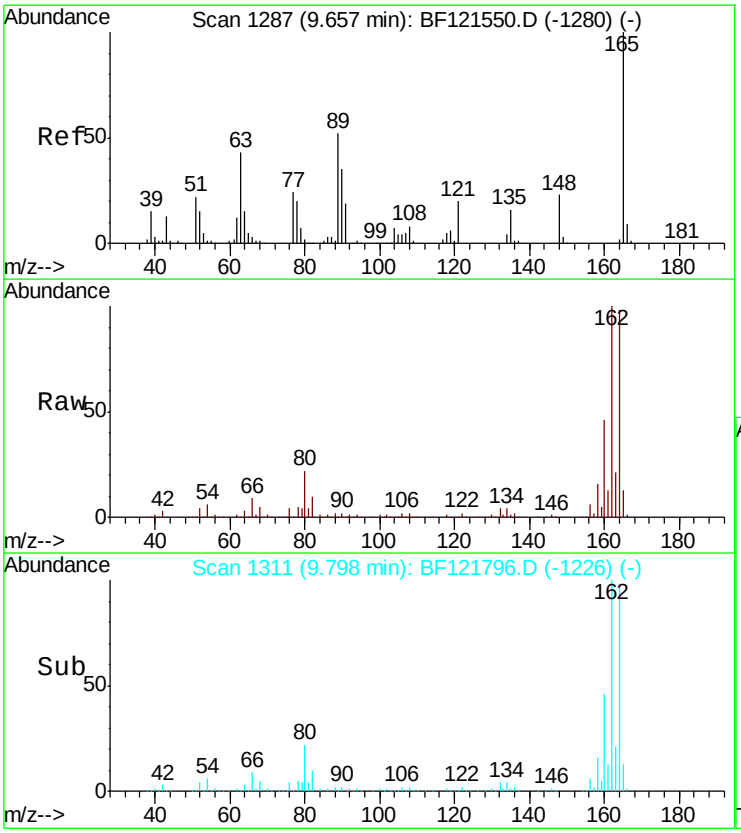
#50
Dimethylphthalate
Concen: 5.319 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:163 Resp: 105659

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.5	8.2	12.4

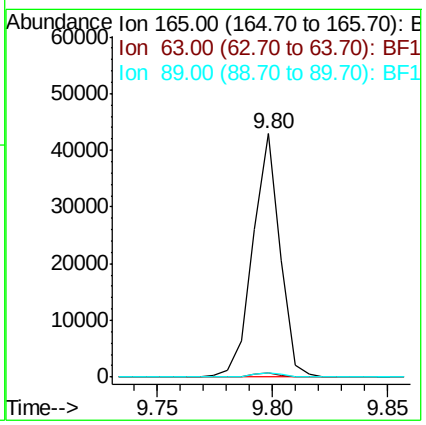


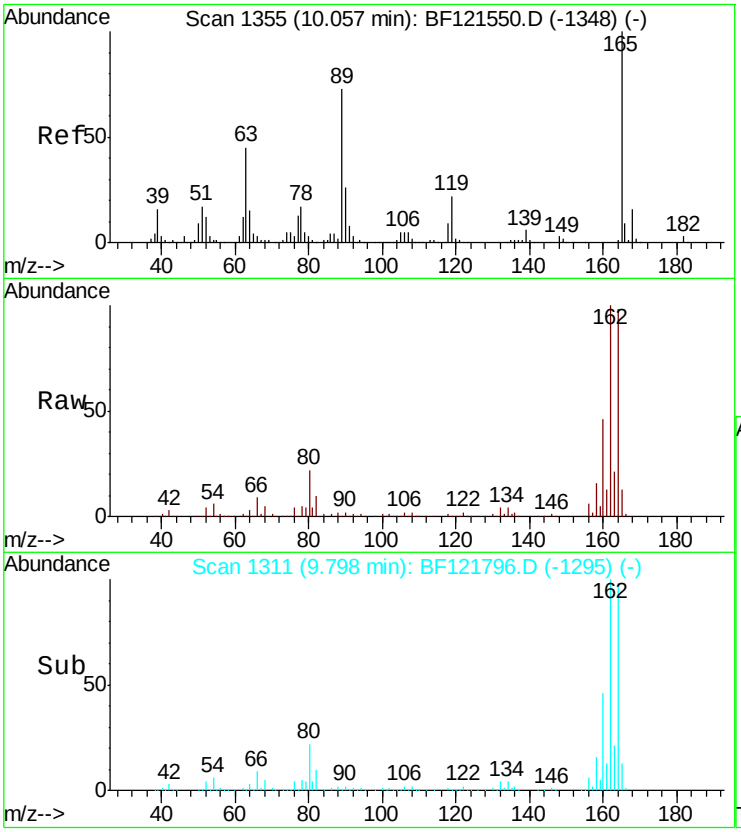


#51
2,6-Dinitrotoluene
Concen: 8.365 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.20 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:165 Resp: 35388

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.6#
89	1.7	49.0	73.6#



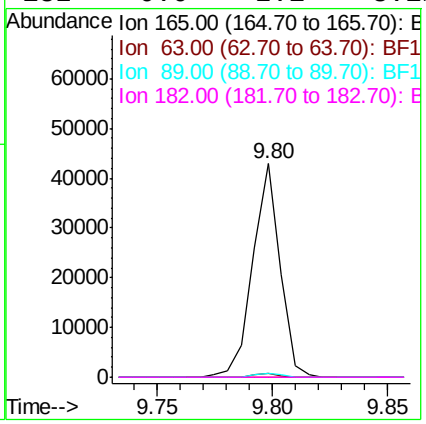


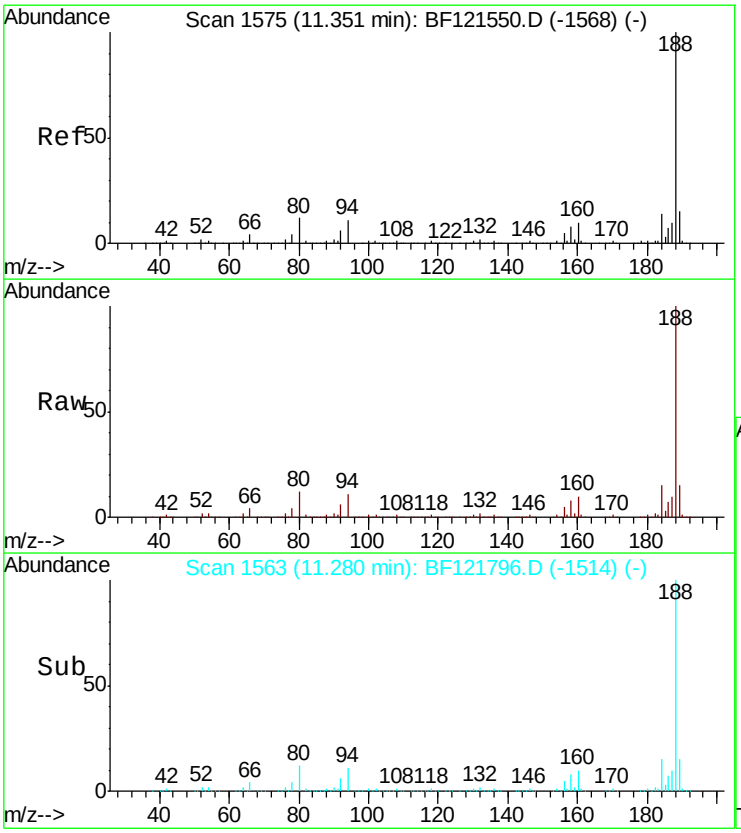
#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:165 Resp: 35388

Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.3	61.9#
89	1.7	61.8	92.8#
182	0.0	2.1	3.1#

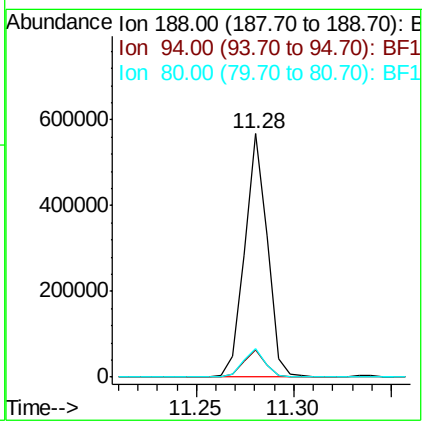


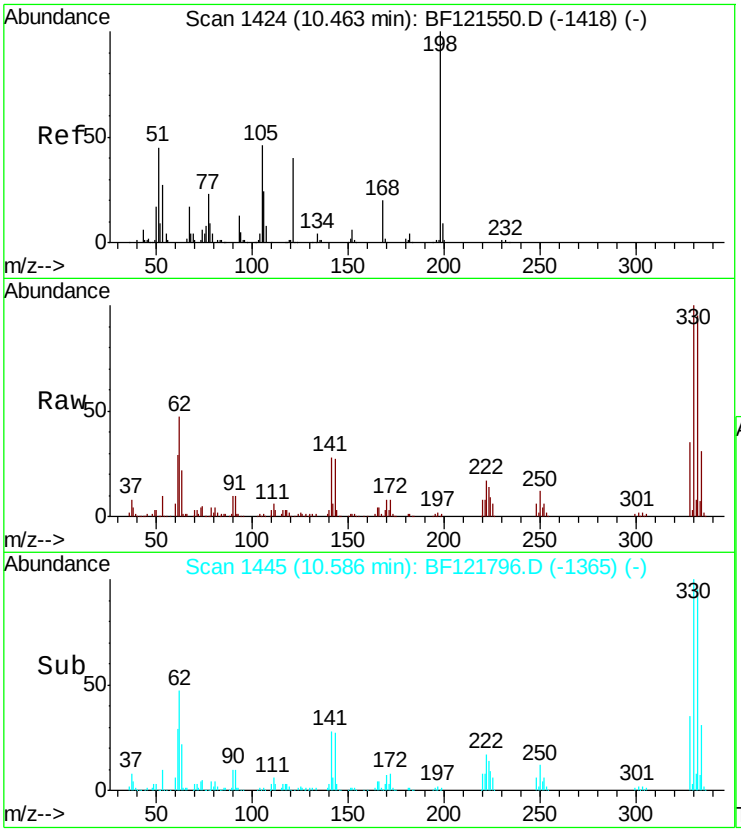


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:188 Resp: 456449

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.7	9.1	13.7



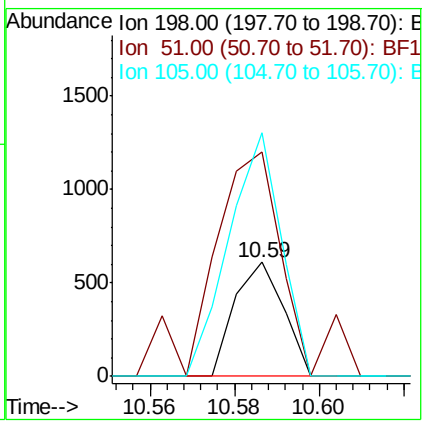


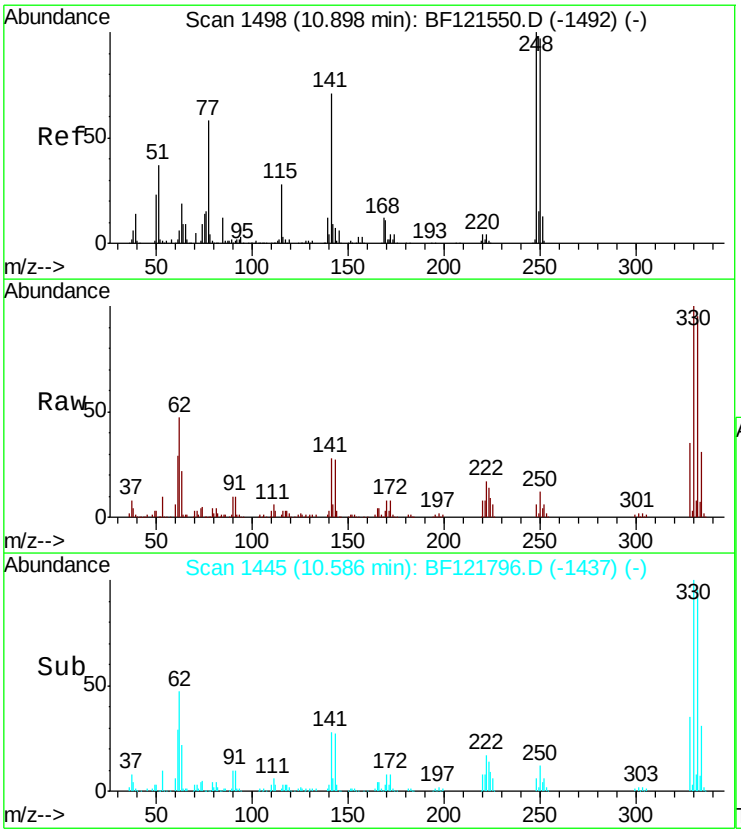
#65
4,6-Dinitro-2-methylphenol
Concen: 7.003 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.17 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:198 Resp: 492

Ion	Ratio	Lower	Upper
198	100		
51	196.6	29.6	69.6#
105	213.3	24.4	64.4#

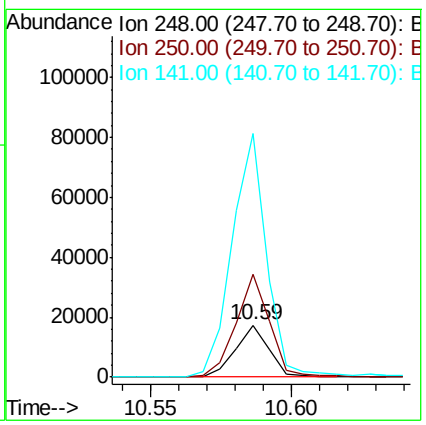


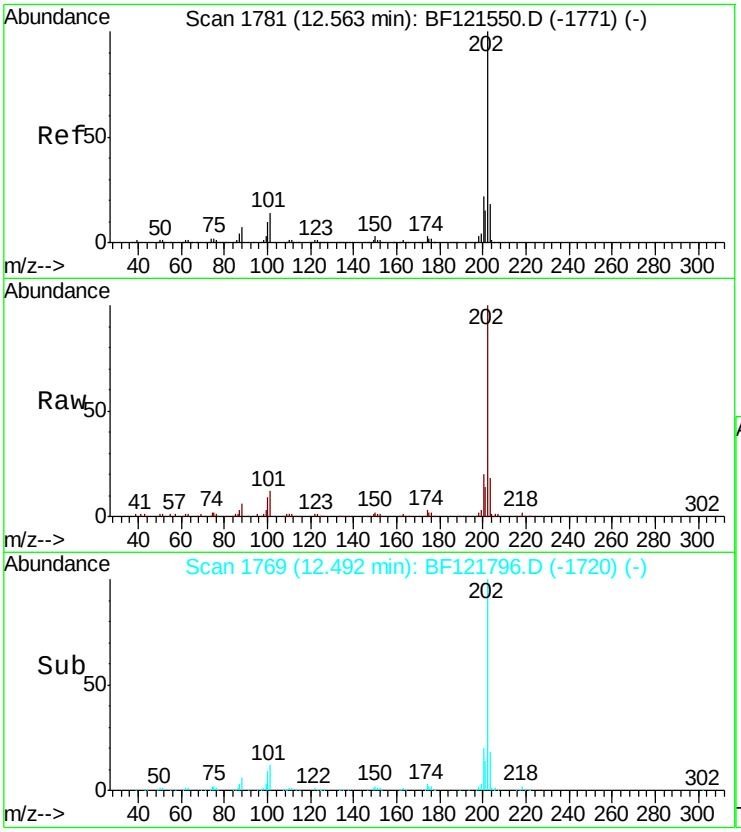


#67
4-Bromophenyl-phenylether
Concen: 2.706 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:248 Resp: 14061

Ion	Ratio	Lower	Upper
248	100		
250	198.2	77.0	115.6#
141	469.1	53.7	80.5#



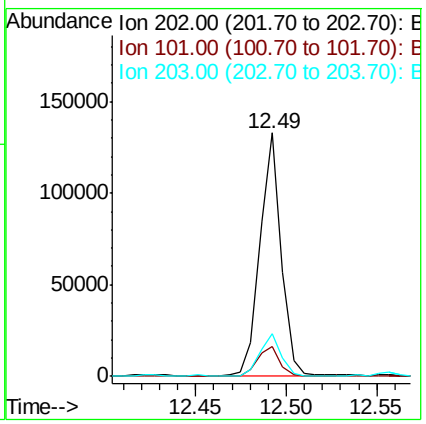


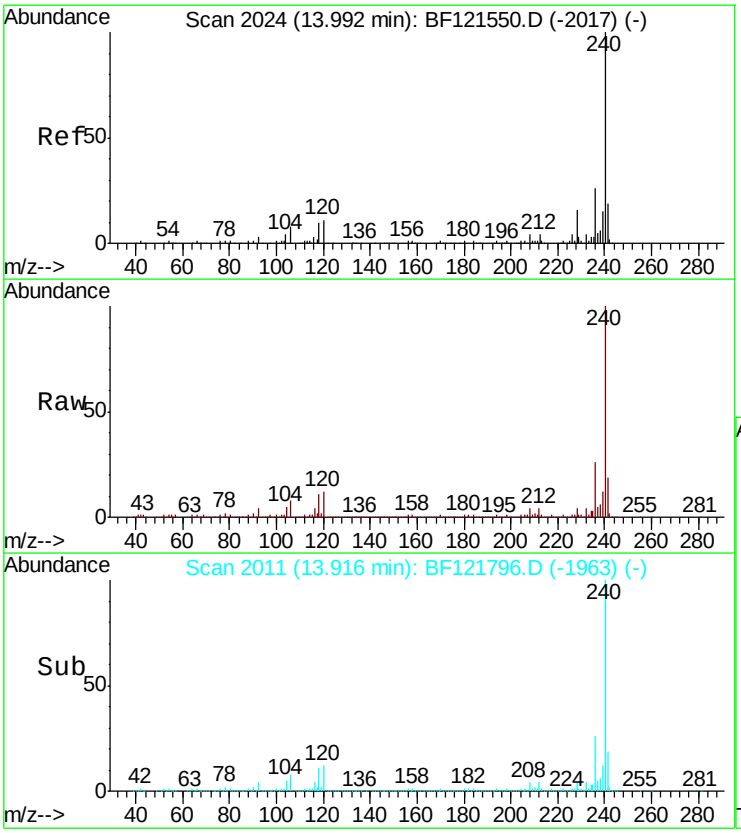
#75
Fluoranthene
Concen: 4.105 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:202 Resp: 108976

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.4
203	17.8	0.0	37.9

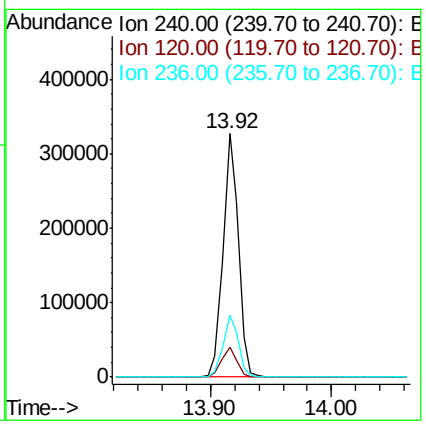


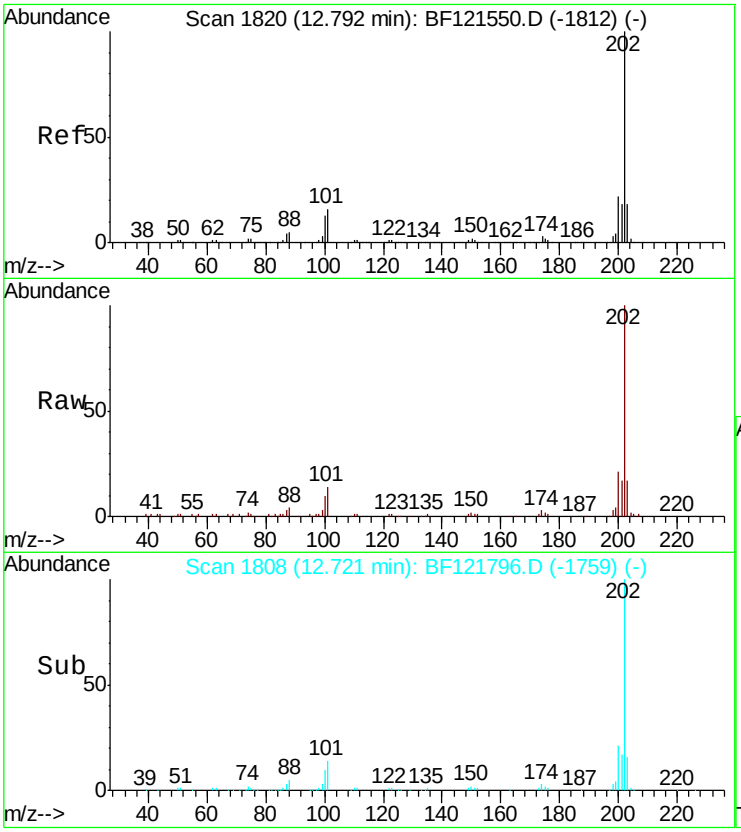


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:240 Resp: 286097

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.6	20.9	31.3



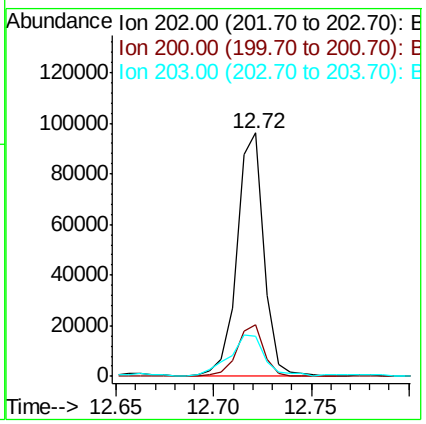


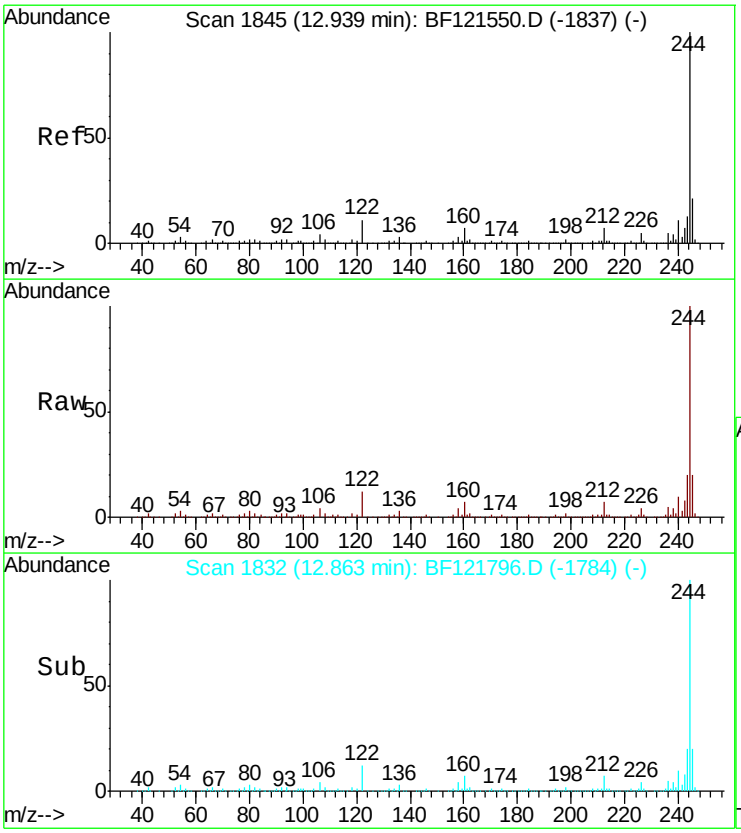
#78
Pyrene
Concen: 4.405 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:202 Resp: 92084

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.7	14.6	21.8

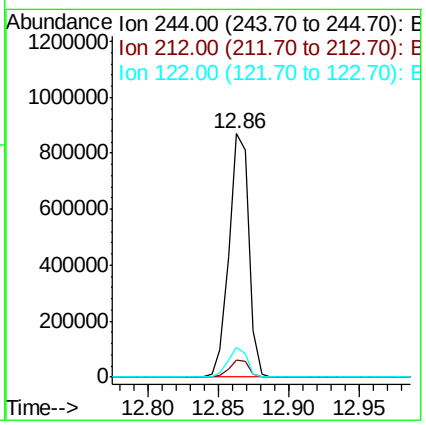


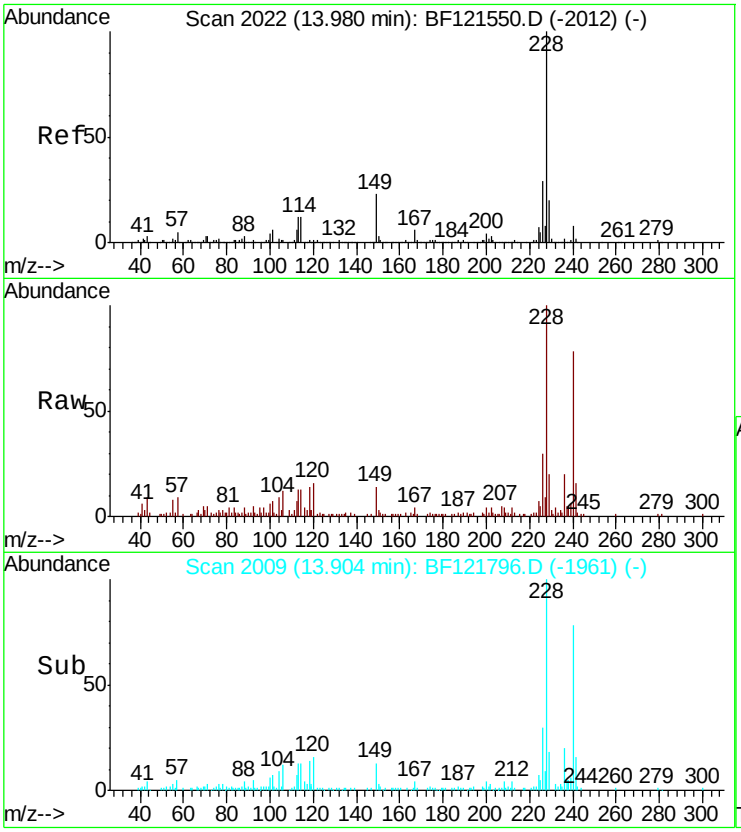


#79
Terphenyl-d14
Concen: 60.182 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:244 Resp: 849888

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.0	8.1	12.1



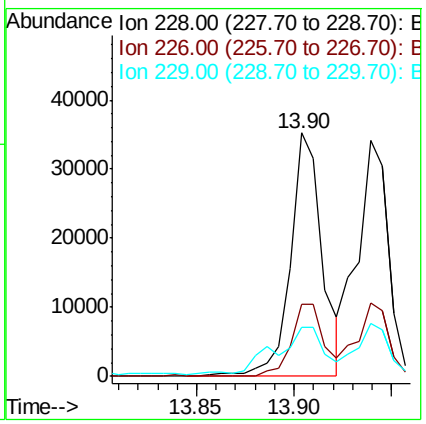


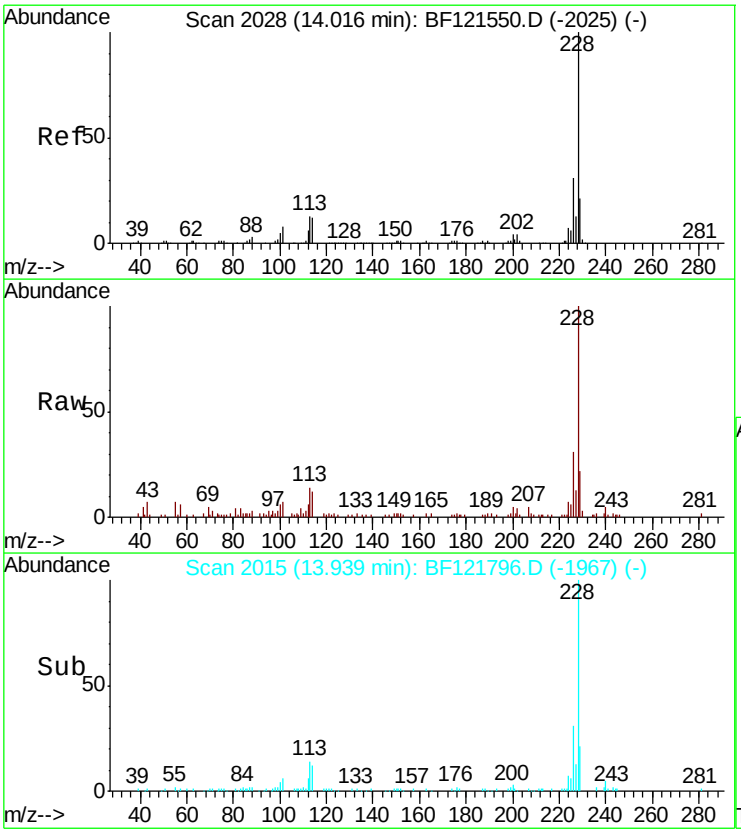
#81
Benzo(a)anthracene
Concen: 2.196 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:228 Resp: 39745

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.3	33.5
229	20.0	16.2	24.4

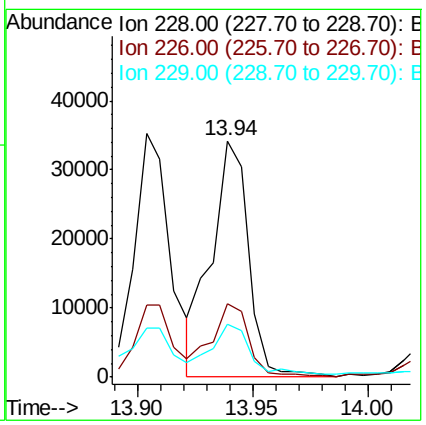


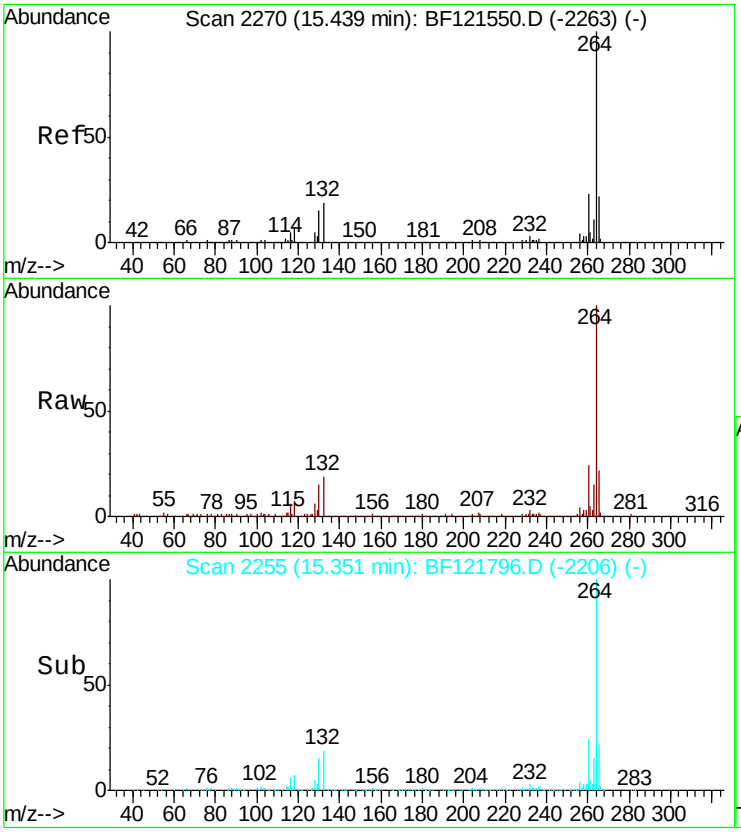


#83
Chrysene
Concen: 2.090 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:228 Resp: 38315

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	22.2	15.9	23.9



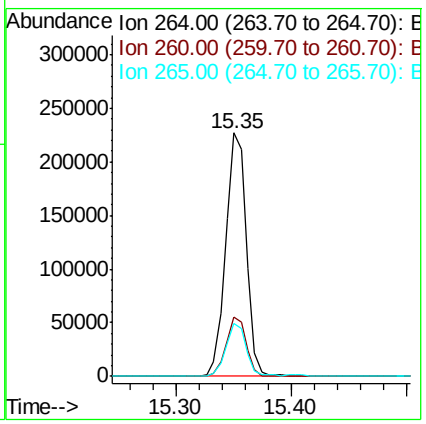


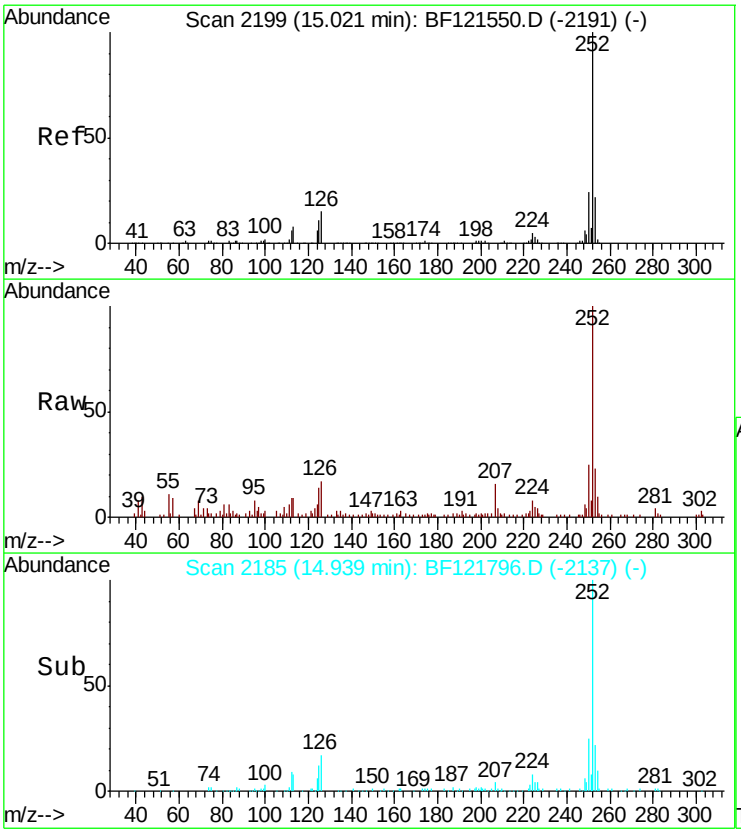
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:264 Resp: 280408

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.3	25.9

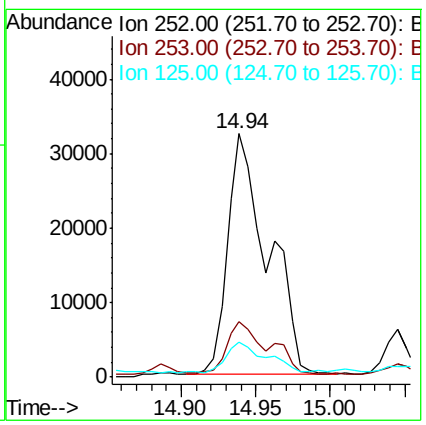


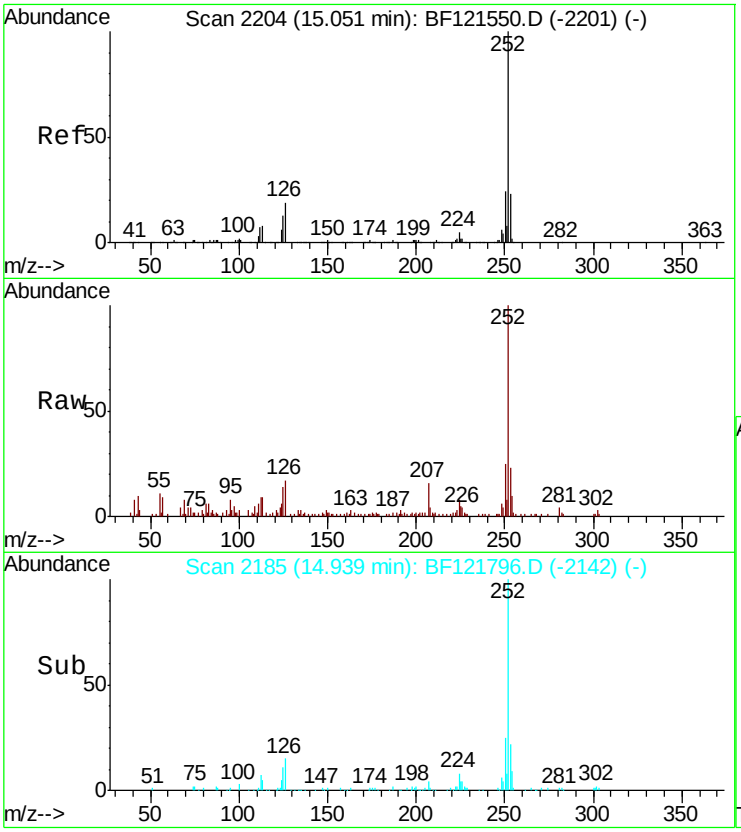


#88
Benzo(b)fluoranthene
Concen: 3.260 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion:252 Resp: 61112

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.2	8.0	12.0#





#89
Benzo(k)fluoranthene
Concen: 3.560 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.05 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tgt Ion:252 Resp: 61112

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	14.2	7.7	11.5#