Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121516.D
Acq On : 2 Sep 2020 16:17
Operator : JU/CG
Sample : PB131374BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131374BL

Quant Time: Sep 02 17:59:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	331309	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1322712	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	717384	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1415233	20.00	ng	0.00
76) Chrysene-d12	14.00	240	1277566	20.00	ng	-0.01
86) Perylene-d12	15.47	264	1332142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2681792	135.81	ng	0.00
7) Phenol-d6	6.47	99	3503499	126.96	ng	0.00
23) Nitrobenzene-d5	7.41	82	2285501	118.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	1280427	176.71	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3844882	86.48	ng	0.00
79) Terphenyl-d14	12.96	244	4652462	76.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	5257	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	306251	19.858	ng	# 78
25) Isophorone	7.41	82	2268194	52.122	ng	# 63
32) Benzoic acid	8.13	122	247	6.688	ng	# 1
48) 2-Nitroaniline	9.20	65	6547	7.099	ng	# 1
51) 2,6-Dinitrotoluene	9.88	165	93924	15.229	ng	# 23
57) 2,4-Dinitrotoluene	9.88	165	93924	14.285	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.67	198	2416	6.419	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	72422	4.652	ng	# 1
77) Benzidine	12.96	184	65427	2.348	ng	# 89

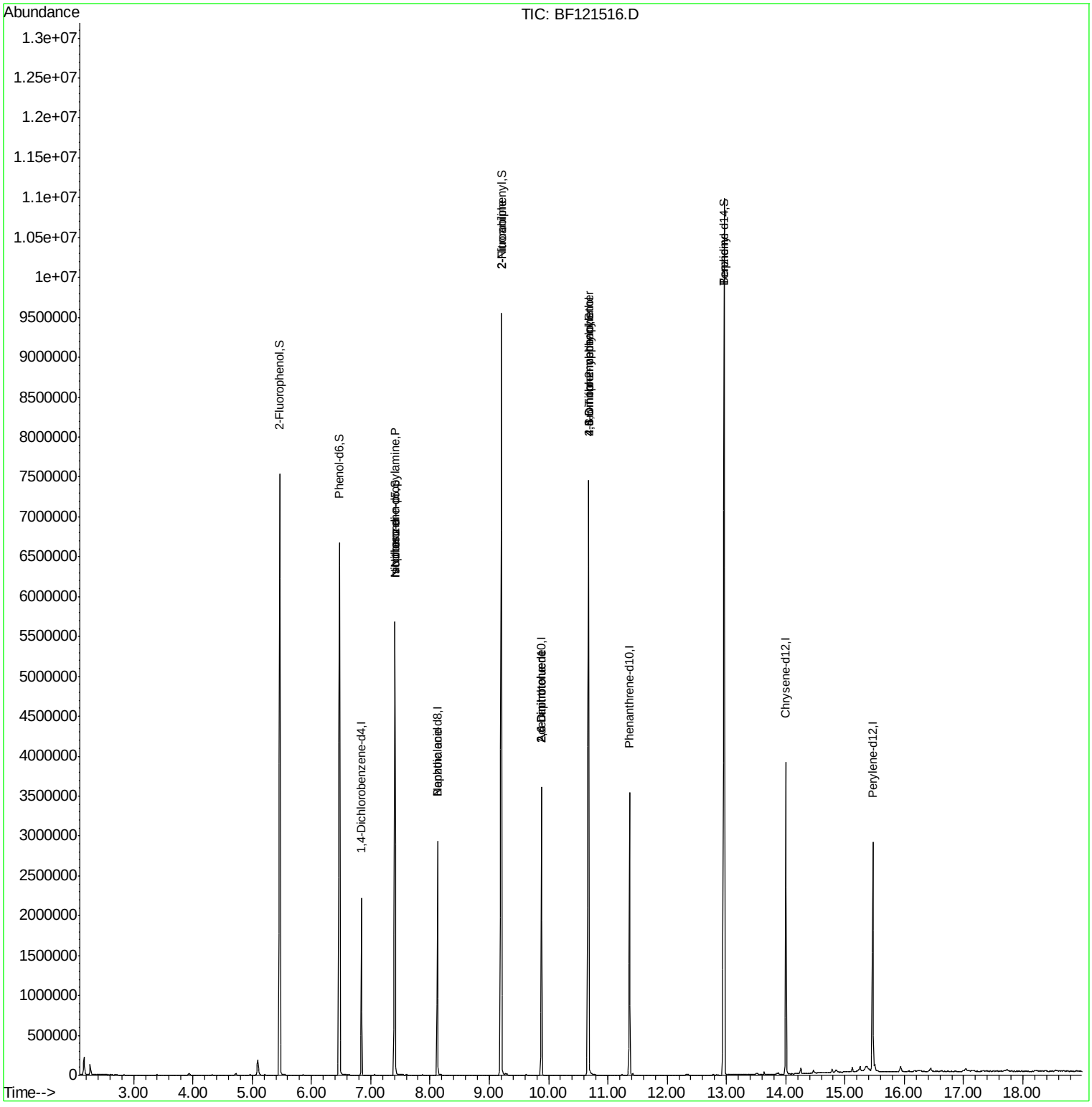
(#) = qualifier out of range (m) = manual integration (+) = signals summed

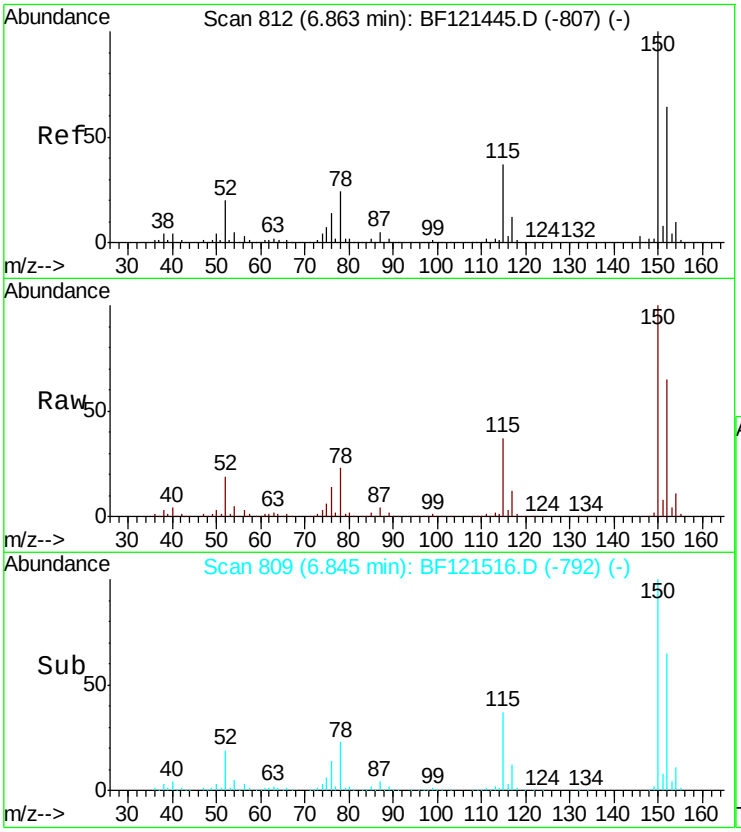
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
Data File : BF121516.D
Acq On : 2 Sep 2020 16:17
Operator : JU/CG
Sample : PB131374BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Quant Time: Sep 02 17:59:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 17:52:18 2020
Response via : Initial Calibration



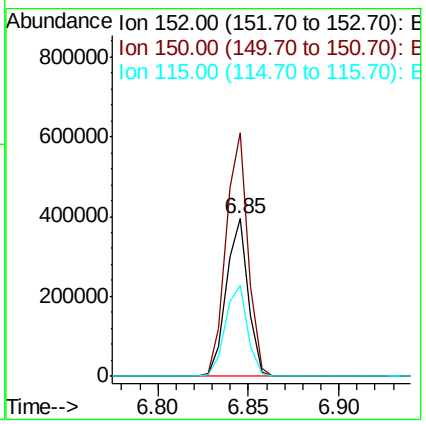


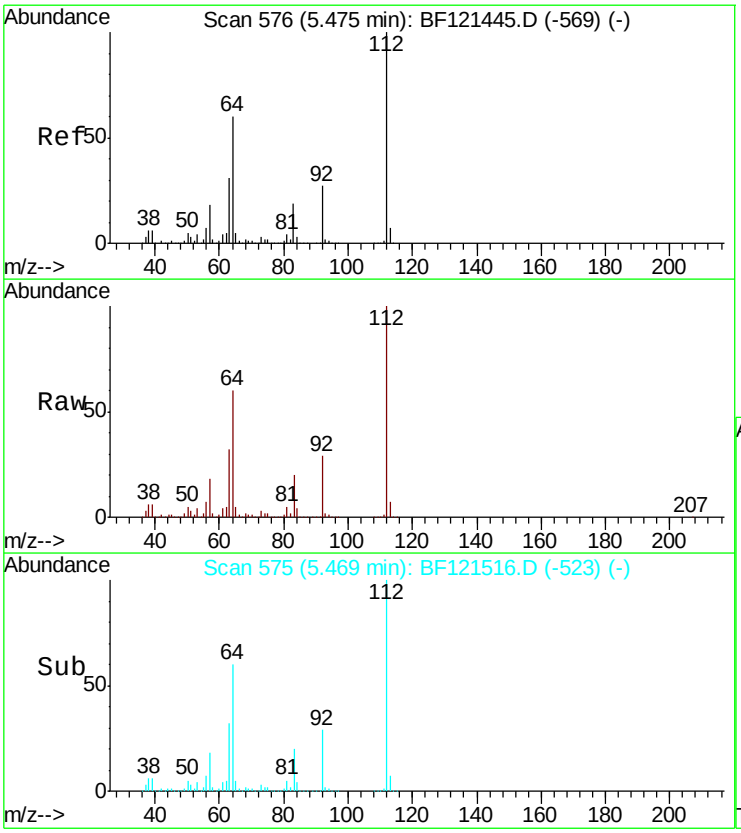
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:152 Resp: 331309

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.1	189.1
115	57.7	48.4	72.6

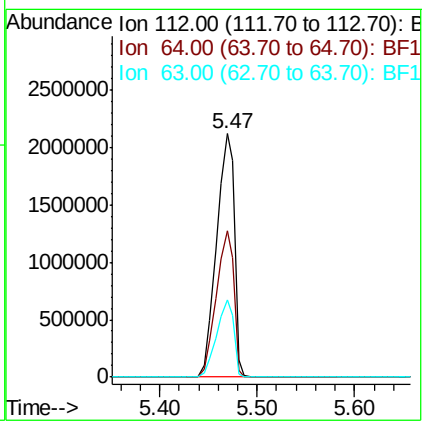


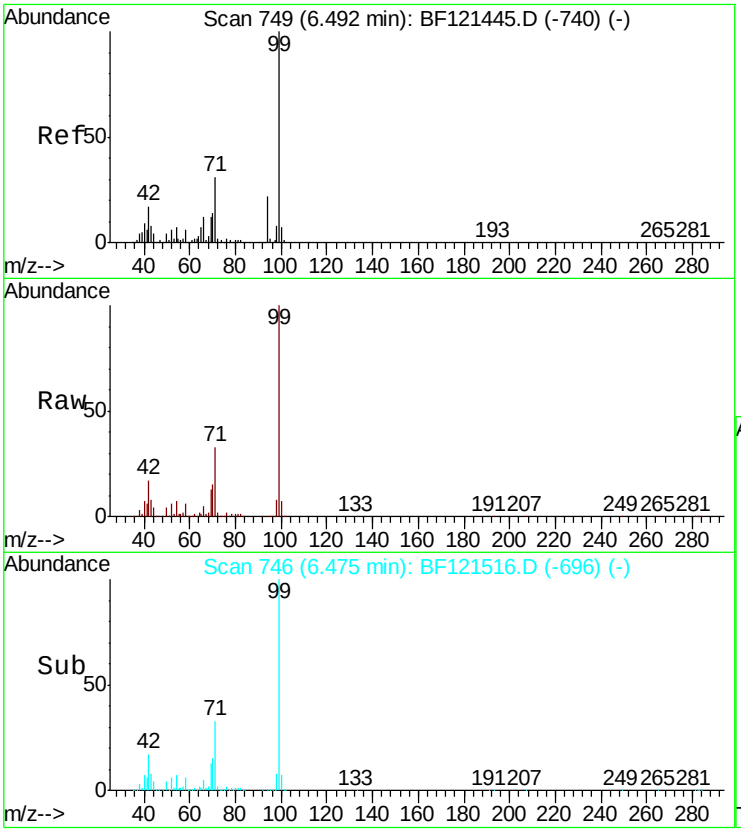


#5
2-Fluorophenol
Concen: 135.806 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:112 Resp: 2681792

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	31.7	23.4	35.2



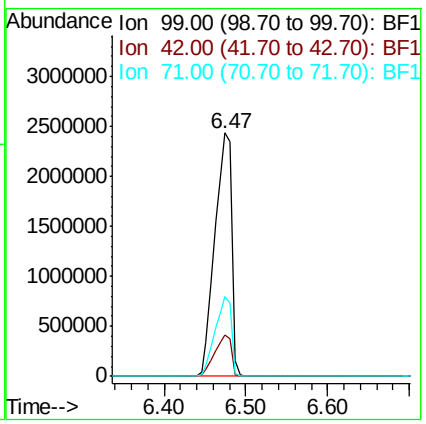


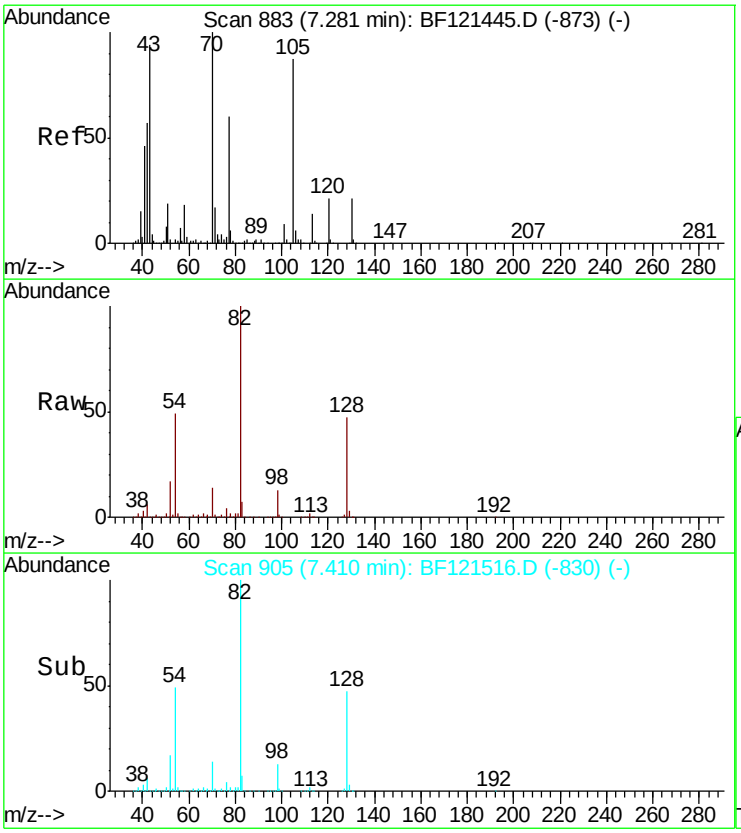
#7
Phenol-d6
Concen: 126.956 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion: 99 Resp: 3503499

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.4
71	33.0	24.8	37.2

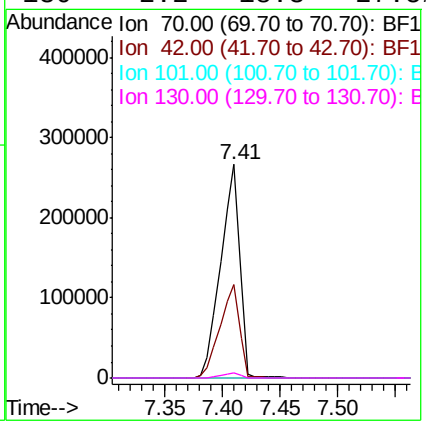


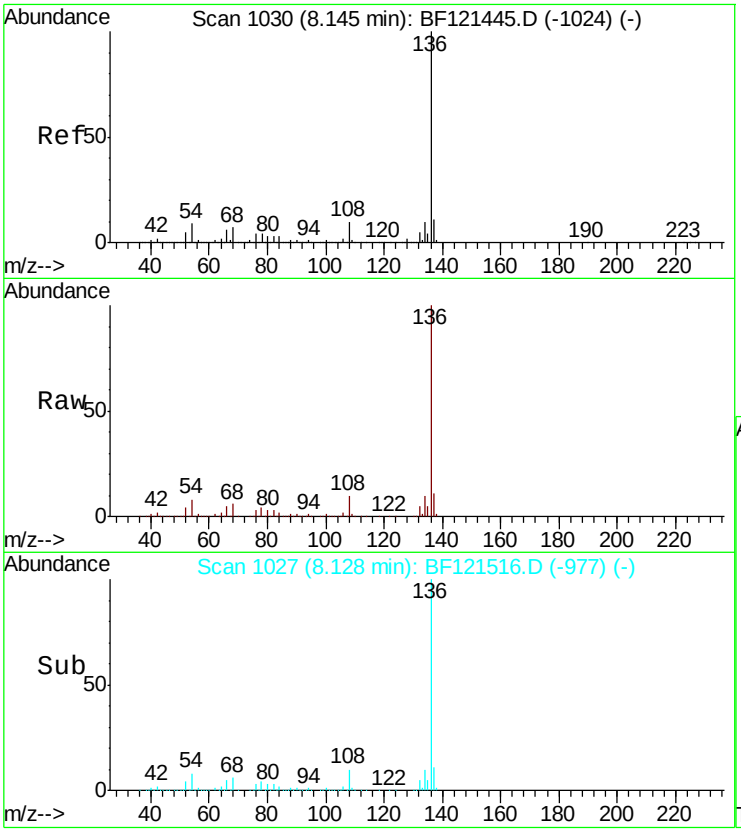


#19
n-Nitroso-di-n-propylamine
Concen: 19.858 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion: 70 Resp: 306251

Ion	Ratio	Lower	Upper
70	100		
42	43.6	42.0	63.0
101	0.0	8.1	12.1#
130	2.2	18.3	27.5#



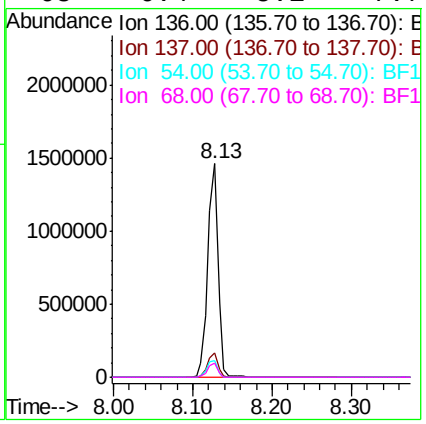


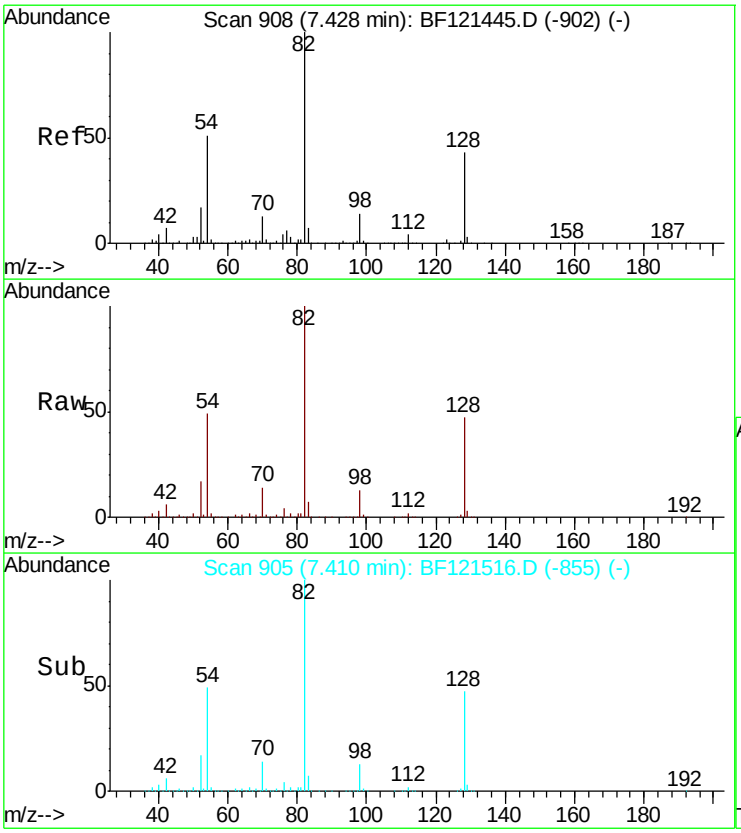
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:136 Resp: 1322712

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.2	9.4
68	6.4	5.1	7.7

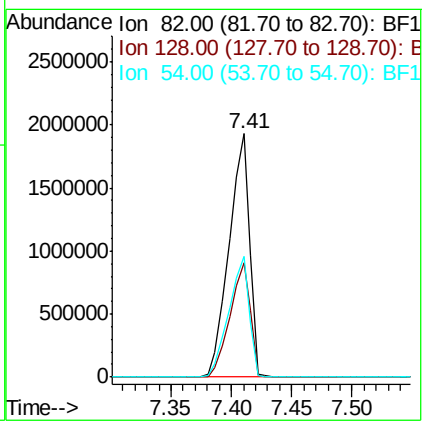


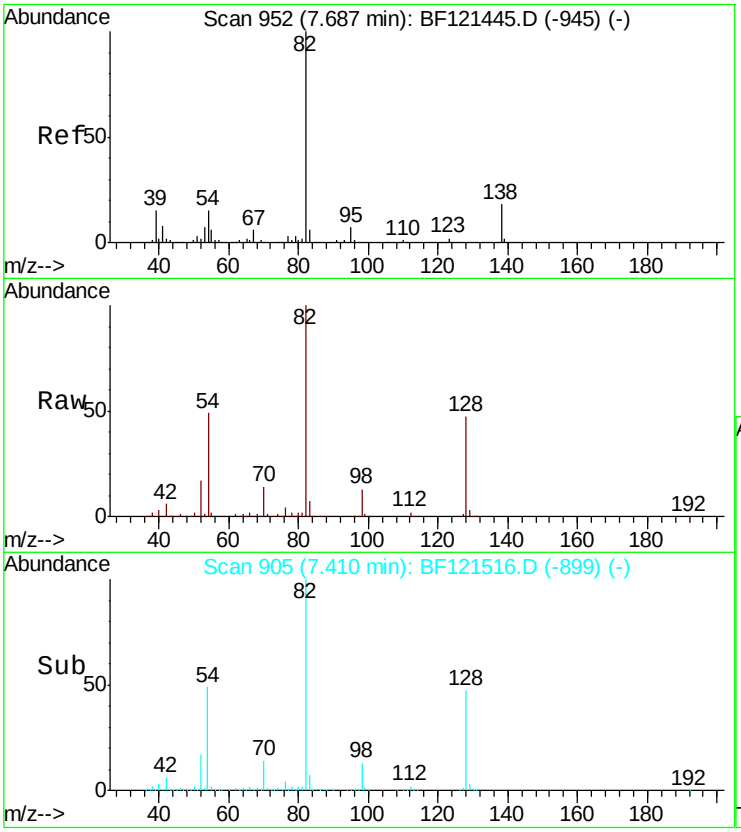


#23
Nitrobenzene-d5
Concen: 118.128 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion: 82 Resp: 2285501

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.3	55.9
54	49.4	39.0	58.6



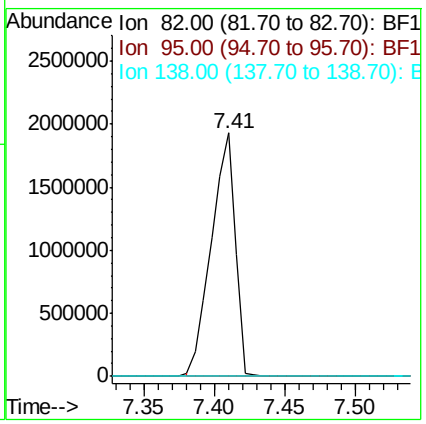


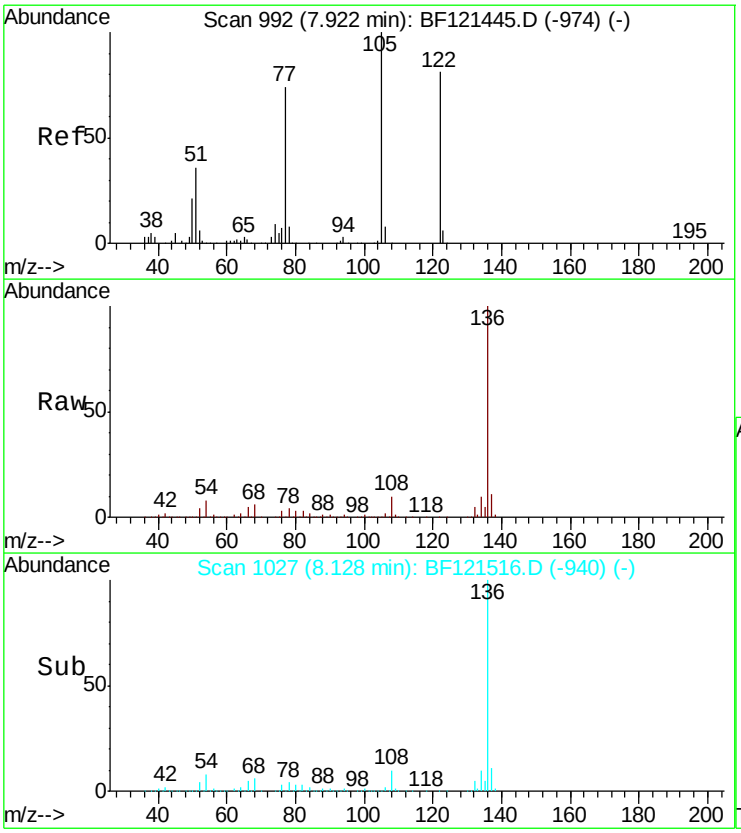
#25
Isophorone
Concen: 52.122 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion: 82 Resp: 2268194

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.6	23.4#

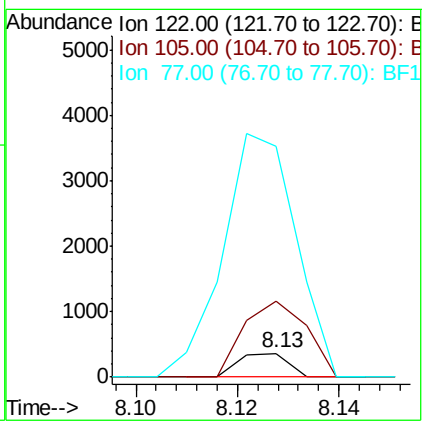


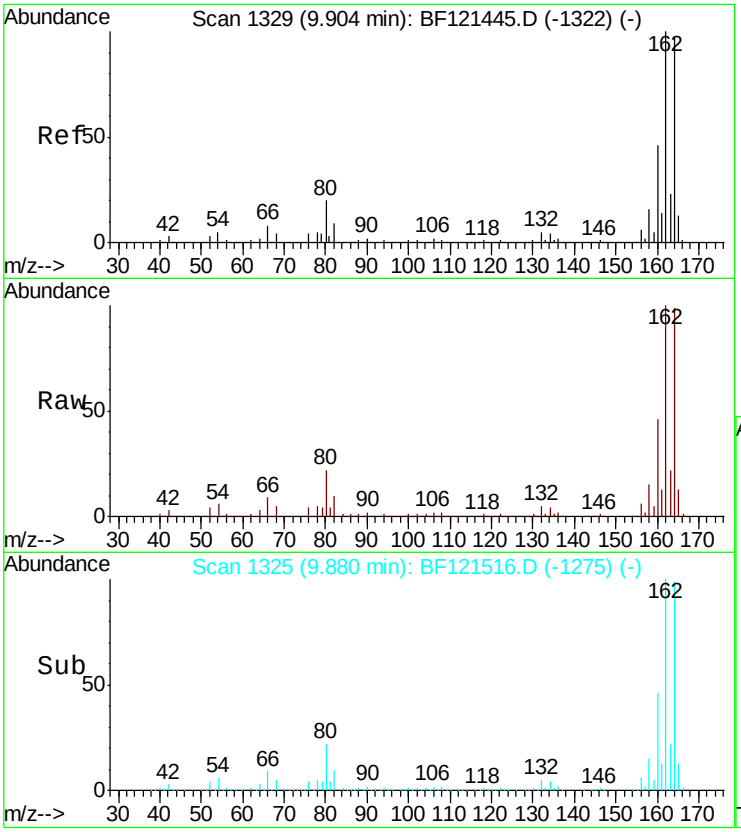


#32
Benzoic acid
Concen: 6.688 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.21 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:122 Resp: 247

Ion	Ratio	Lower	Upper
122	100		
105	313.4	102.2	142.2#
77	962.7	69.8	109.8#



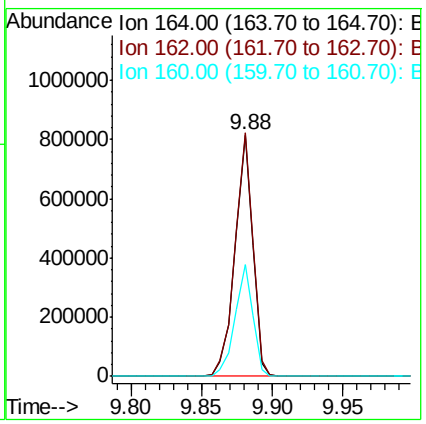


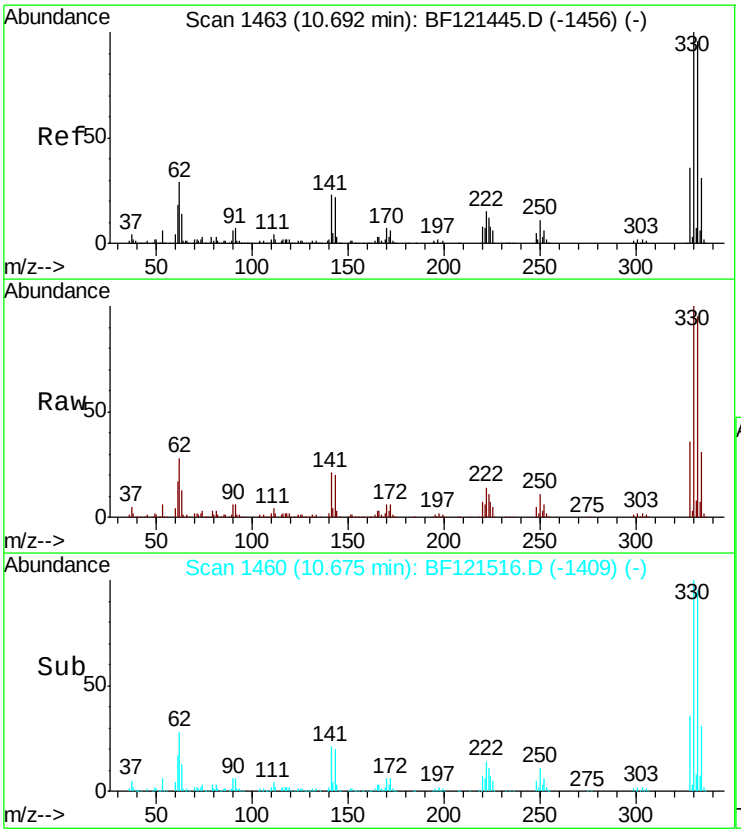
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:164 Resp: 717384

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.5	120.7
160	46.4	36.2	54.4

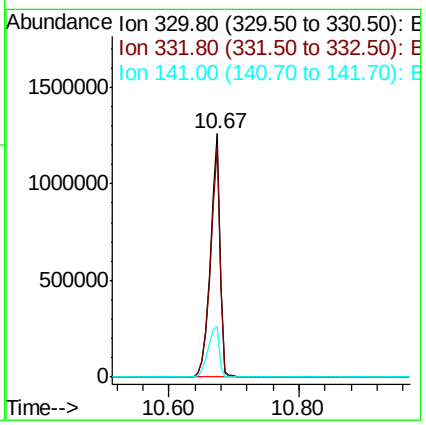


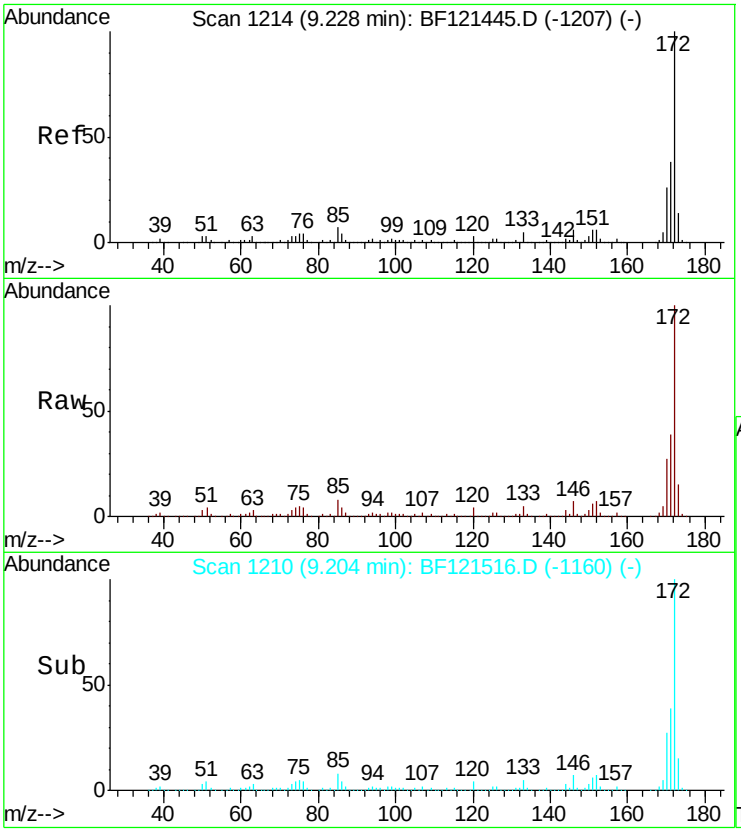


#42
2,4,6-Tribromophenol
Concen: 176.709 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:330 Resp: 1280427

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.2
141	24.9	22.6	34.0



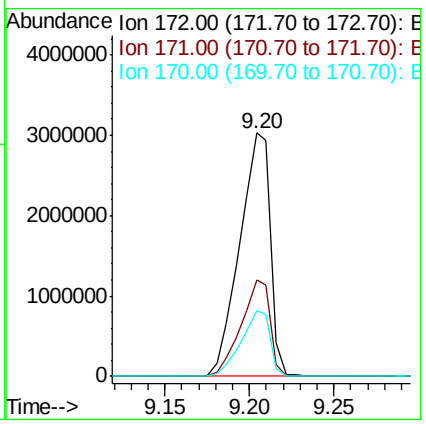


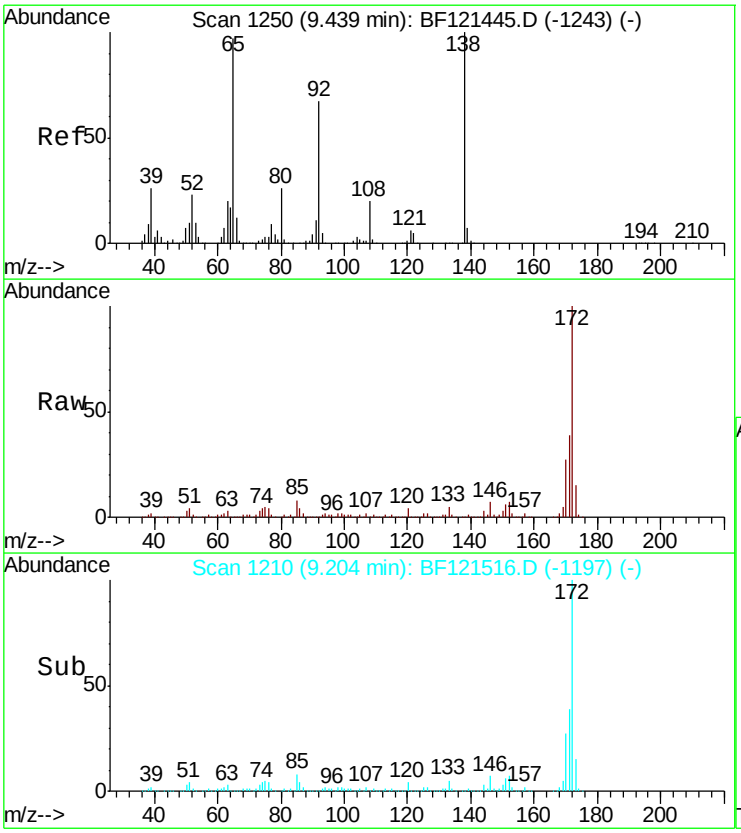
#45
2-Fluorobiphenyl
Concen: 86.478 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:172 Resp: 3844882

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.4	45.6
170	26.7	20.7	31.1

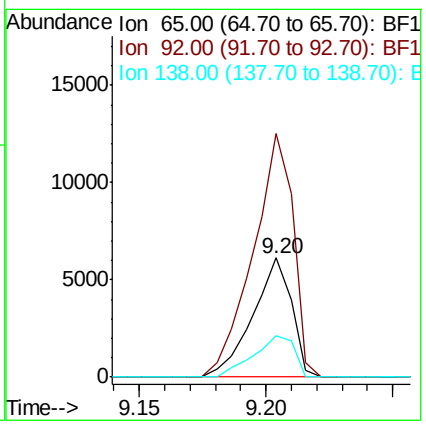


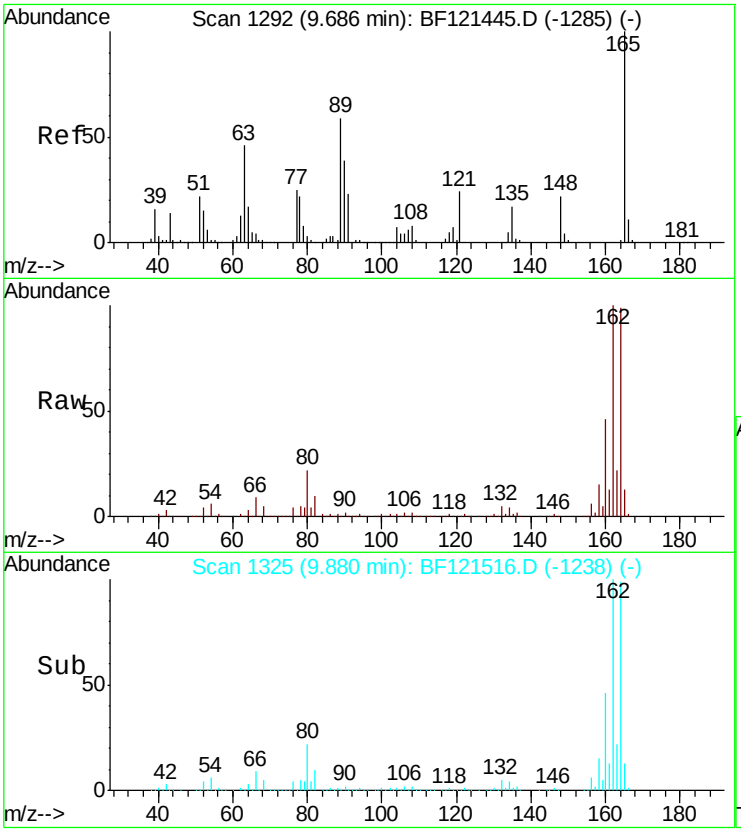


#48
2-Nitroaniline
Concen: 7.099 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.22 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion: 65 Resp: 6547

Ion	Ratio	Lower	Upper
65	100		
92	204.8	58.6	87.8#
138	34.6	88.6	133.0#



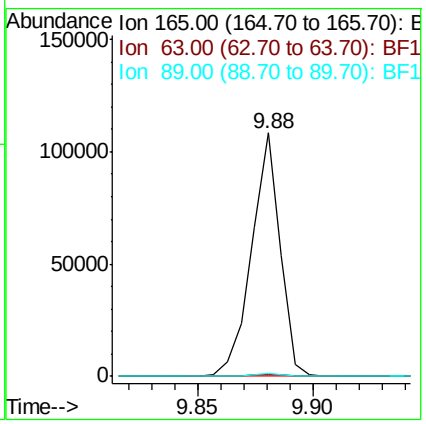


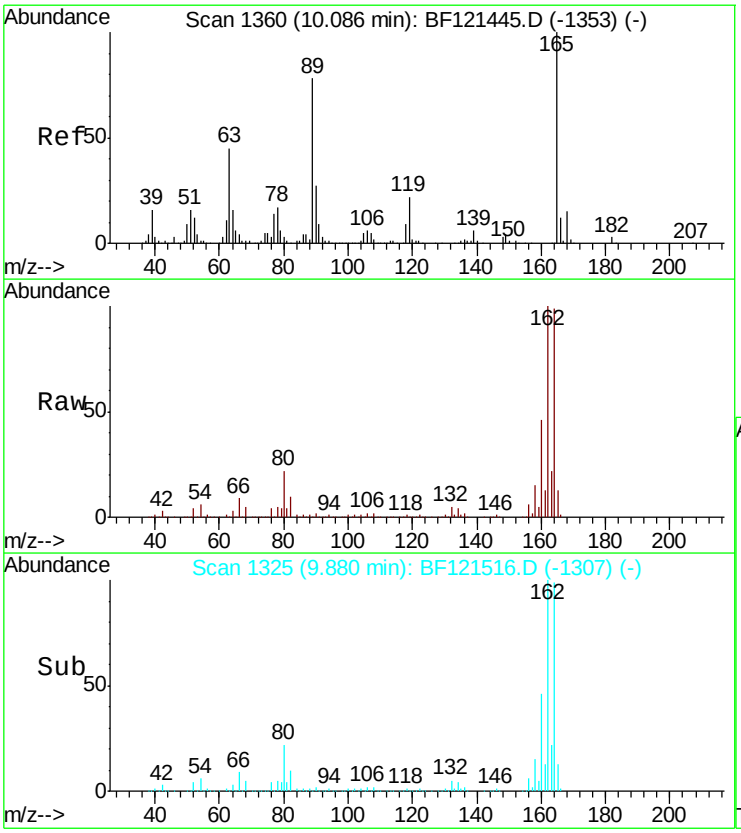
#51
2,6-Dinitrotoluene
Concen: 15.229 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:165 Resp: 93924

Ion	Ratio	Lower	Upper
165	100		
63	0.9	47.4	71.0#
89	1.4	47.9	71.9#

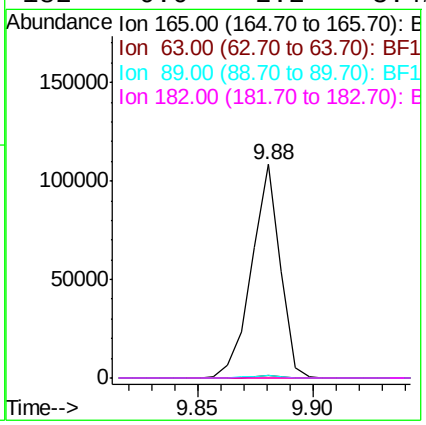


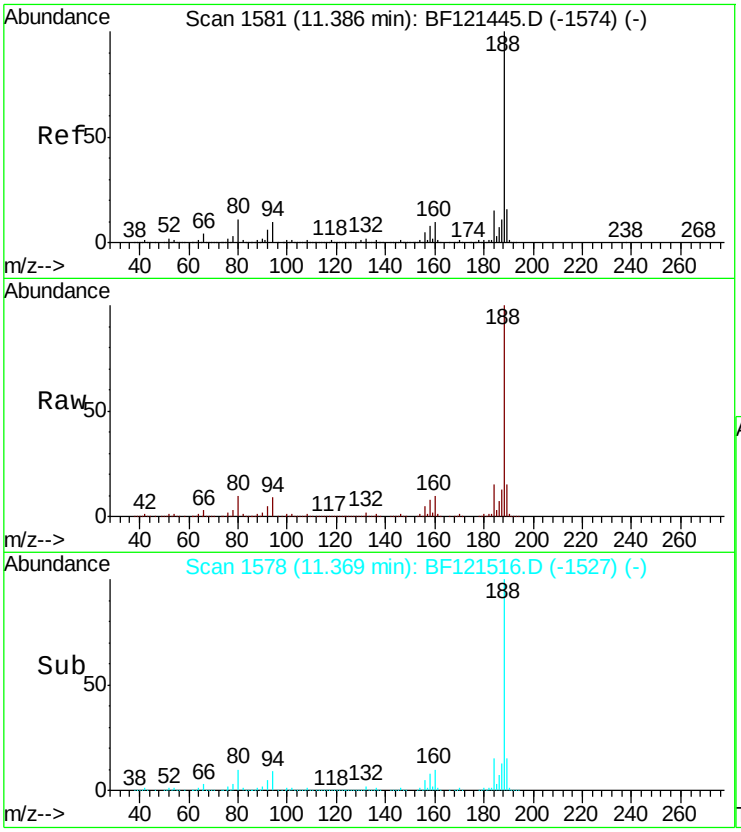


#57
2,4-Dinitrotoluene
Concen: 14.285 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:165 Resp: 93924

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.6	50.4#
89	1.4	56.4	84.6#
182	0.0	2.2	3.4#



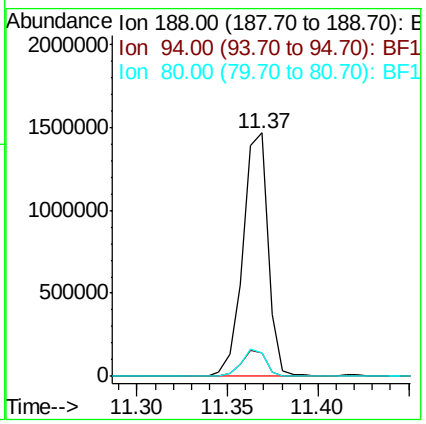


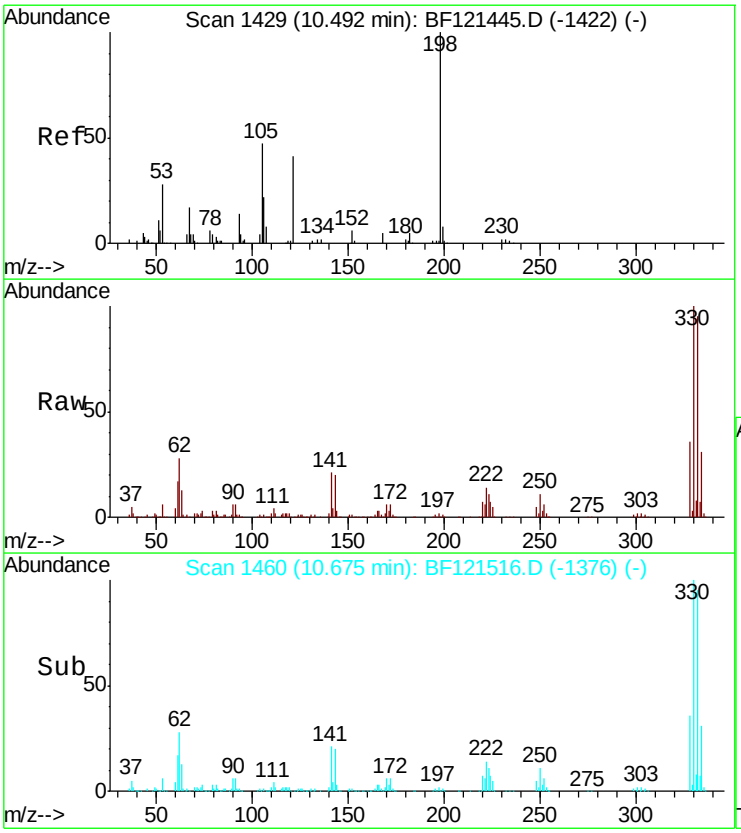
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:188 Resp: 1415233

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.8	13.2
80	9.6	9.1	13.7

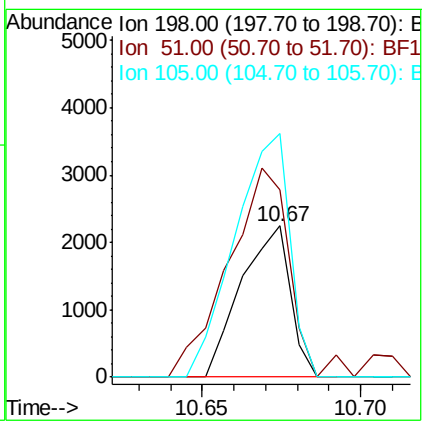


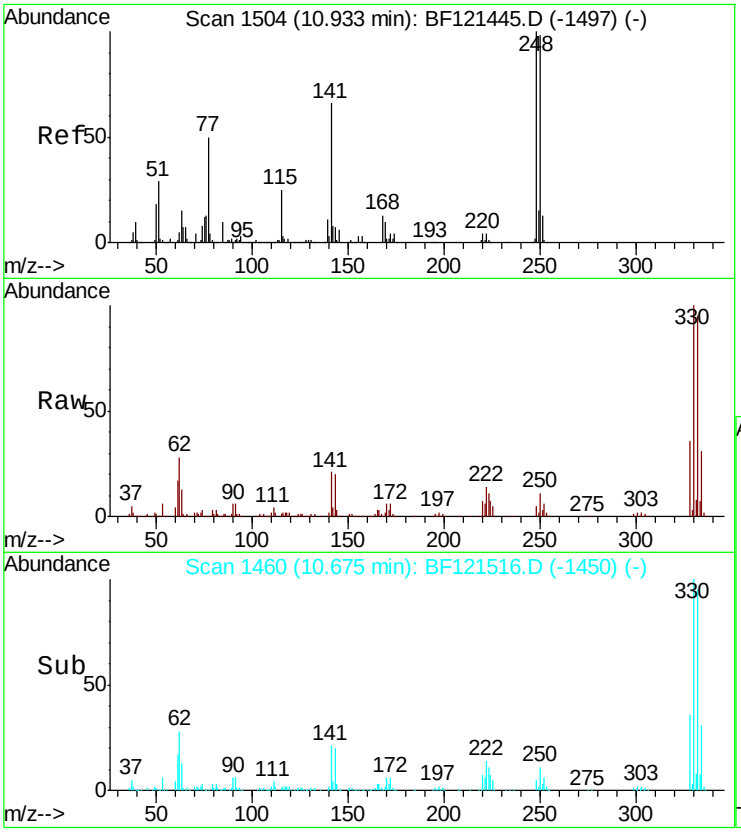


#65
4,6-Dinitro-2-methylphenol
Concen: 6.419 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.19 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:198 Resp: 2416

Ion	Ratio	Lower	Upper
198	100		
51	123.8	24.9	64.9#
105	161.0	25.8	65.8#



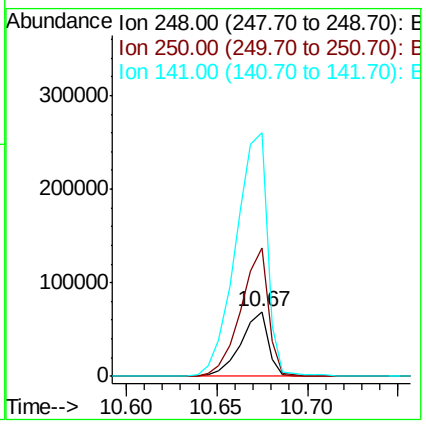


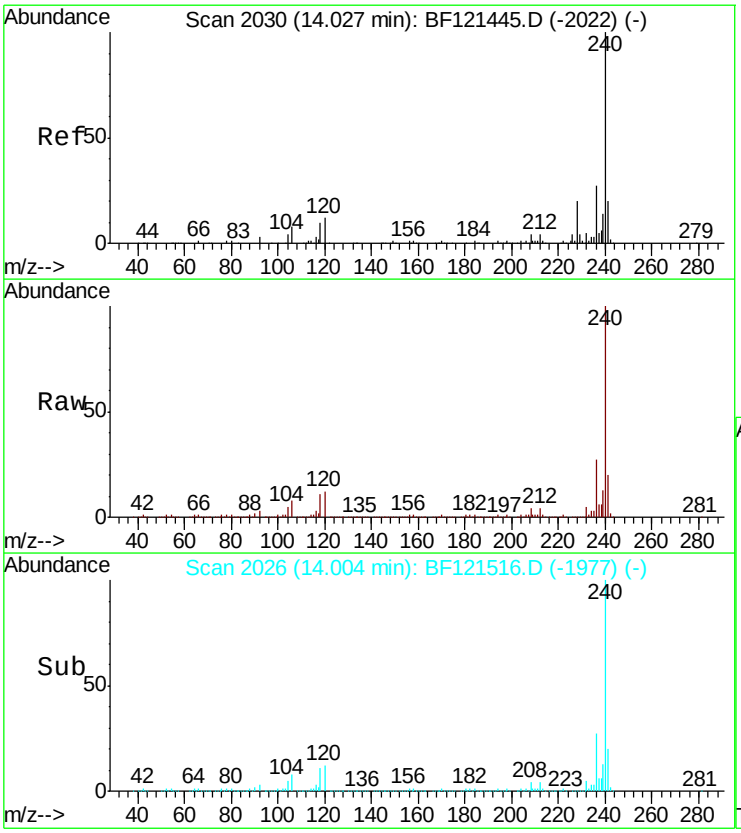
#67
4-Bromophenyl-phenylether
Concen: 4.652 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:248 Resp: 72422

Ion	Ratio	Lower	Upper
248	100		
250	198.4	77.8	116.6#
141	375.7	56.4	84.6#

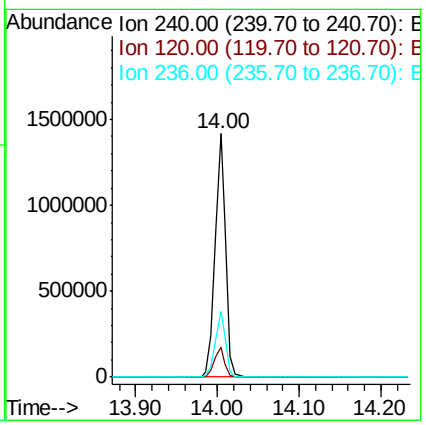


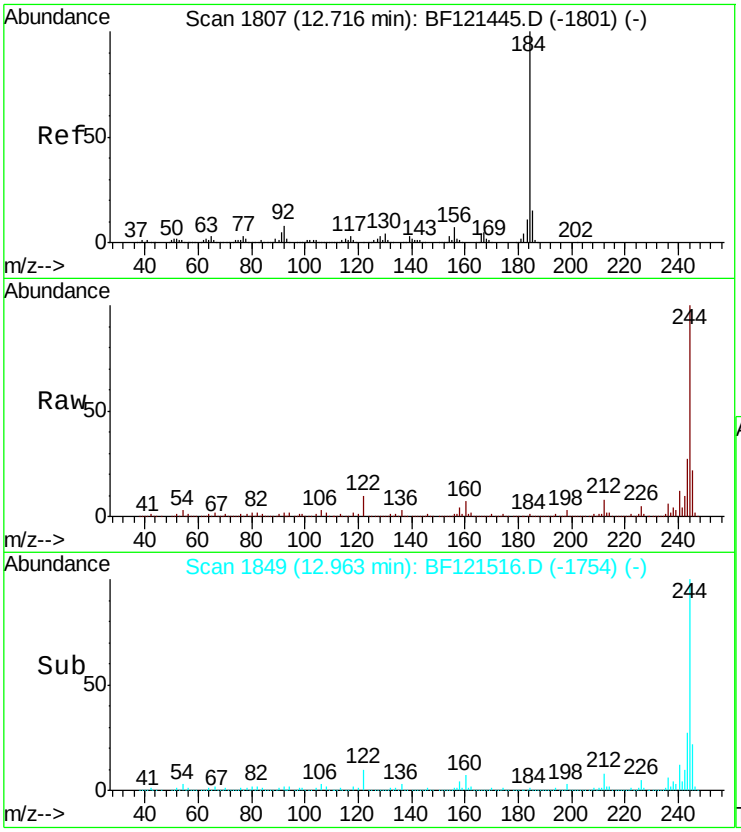


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:240 Resp: 1277566

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.0	12.0#
236	27.2	21.4	32.2



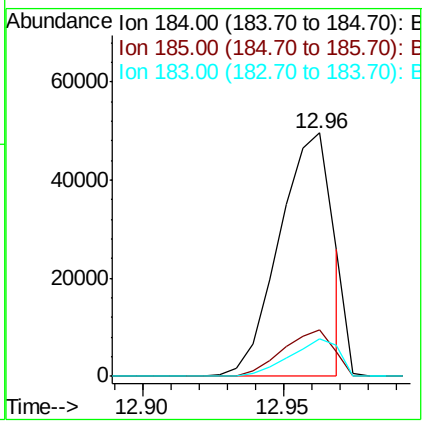


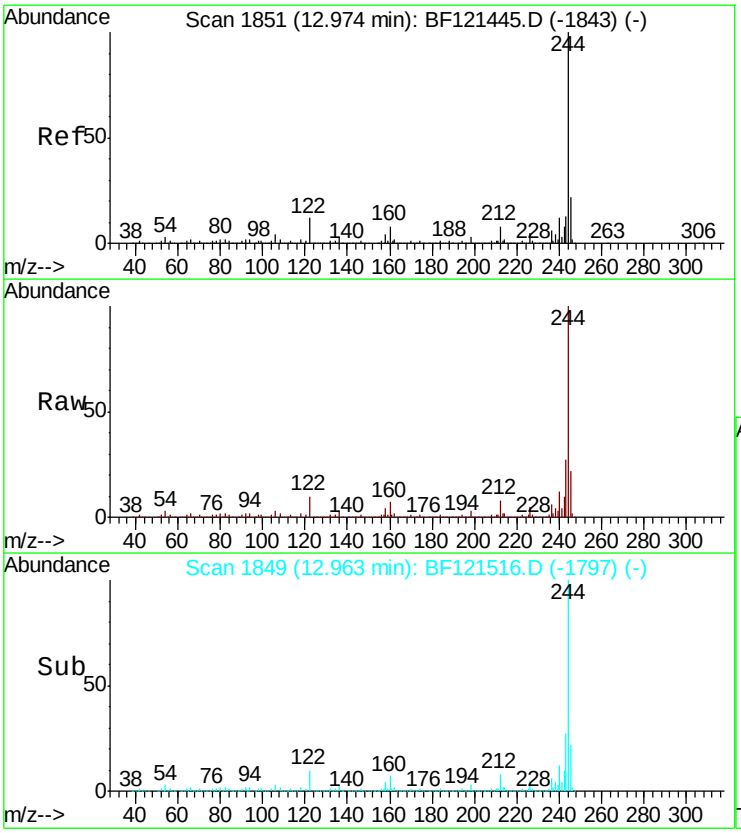
#77
Benzidine
Concen: 2.348 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.26 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:184 Resp: 65427

Ion	Ratio	Lower	Upper
184	100		
185	19.1	11.5	17.3#
183	15.5	9.0	13.6#

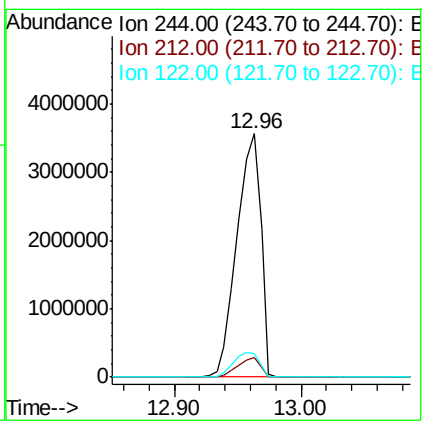


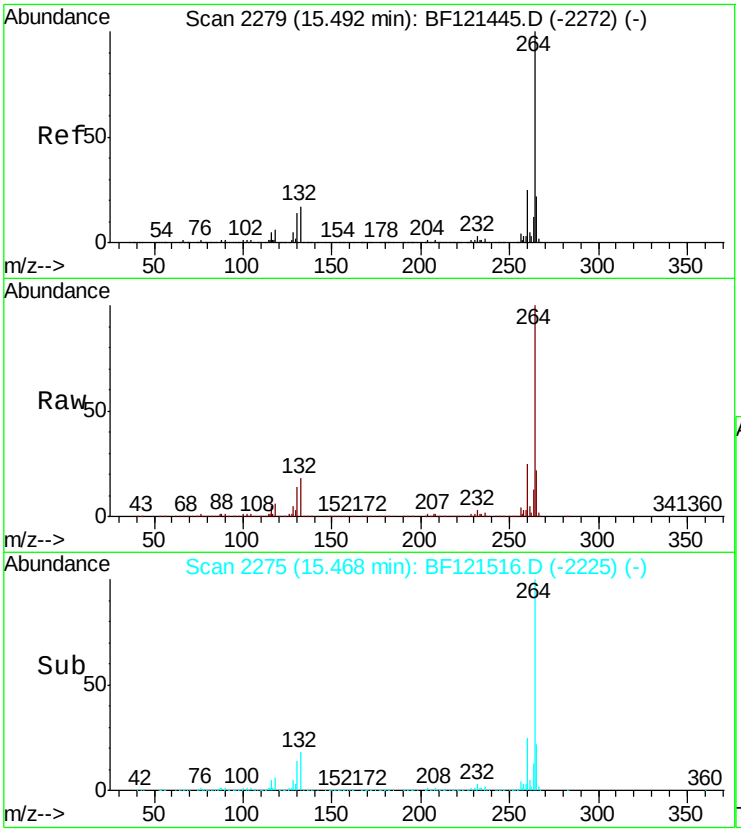


#79
Terphenyl-d14
Concen: 76.655 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Tgt Ion:244 Resp: 4652462

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	9.9	9.3	13.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF121516.D
Acq: 2 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PB131374BL

Tgt Ion:264 Resp: 1332142

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.2	17.4	26.2