Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121565.D
Acq On : 14 Sep 2020 17:34
Operator : JU/CG
Sample : L3993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091120-DP

Quant Time: Sep 14 18:13:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	186518	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	728960	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	378913	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	707149	20.00	ng		0.00
76) Chrysene-d12	13.99	240	524652	20.00	ng		0.00
86) Perylene-d12	15.44	264	433594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1270566	101.24	ng		0.04
7) Phenol-d6	6.48	99	1514920	92.00	ng		0.02
23) Nitrobenzene-d5	7.40	82	1242725	91.53	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	587973	124.85	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2114014	84.50	ng		0.00
79) Terphenyl-d14	12.94	244	2321199	89.63	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	50403	2.875	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	166428	17.538	ng	#	79
25) Isophorone	7.40	82	1237211	45.269	ng	#	66
32) Benzoic acid	7.85	122	2643	7.184	ng		87
50) Dimethylphthalate	9.58	163	306521	11.161	ng		99
57) 2,4-Dinitrotoluene	9.87	165	48911	6.647	ng	#	23
65) 4,6-Dinitro-2-methylphenol	10.66	198	1079	7.065	ng	#	1
67) 4-Bromophenyl-phenylether	10.66	248	33784	4.196	ng	#	1

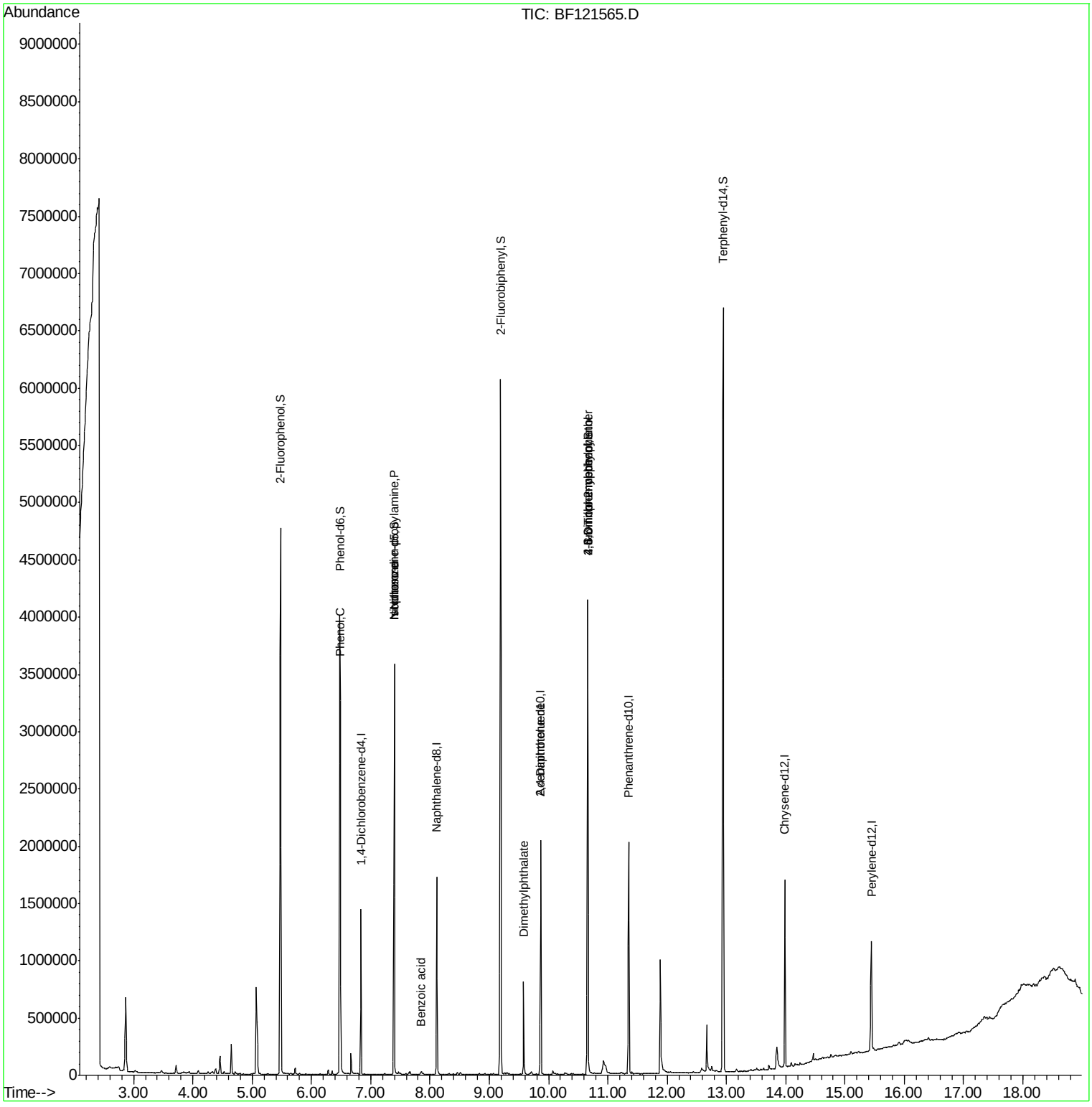
(#) = qualifier out of range (m) = manual integration (+) = signals summed

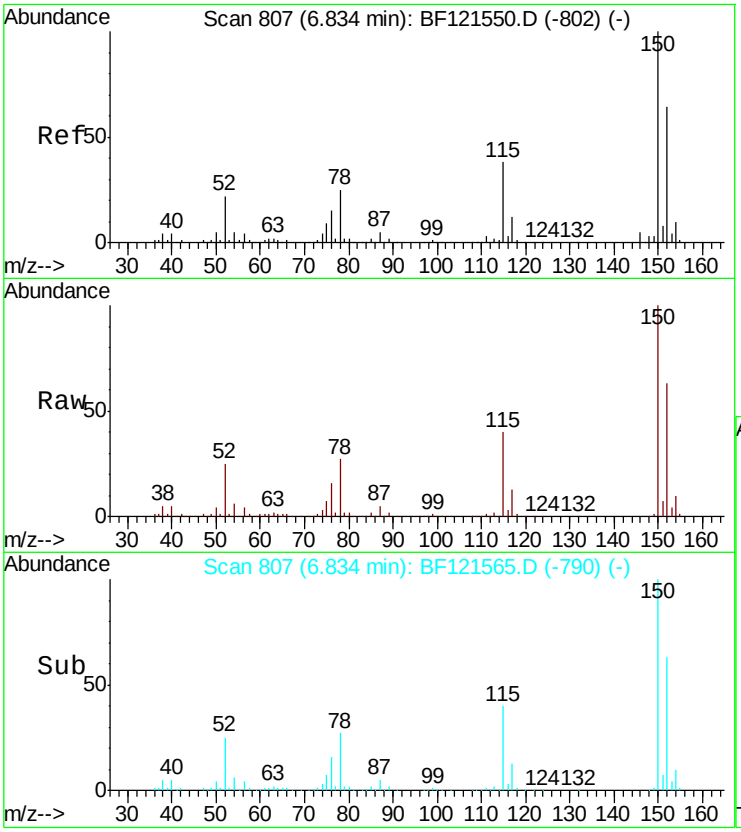
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\
Data File : BF121565.D
Acq On : 14 Sep 2020 17:34
Operator : JU/CG
Sample : L3993-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-091120-DP

Quant Time: Sep 14 18:13:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

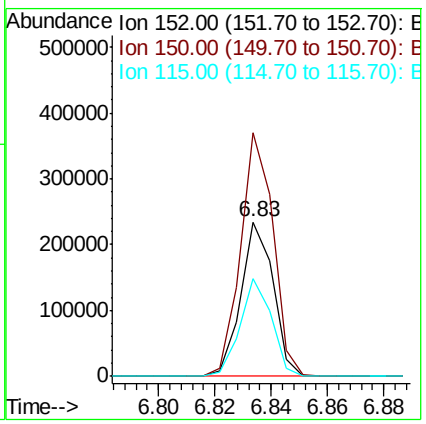




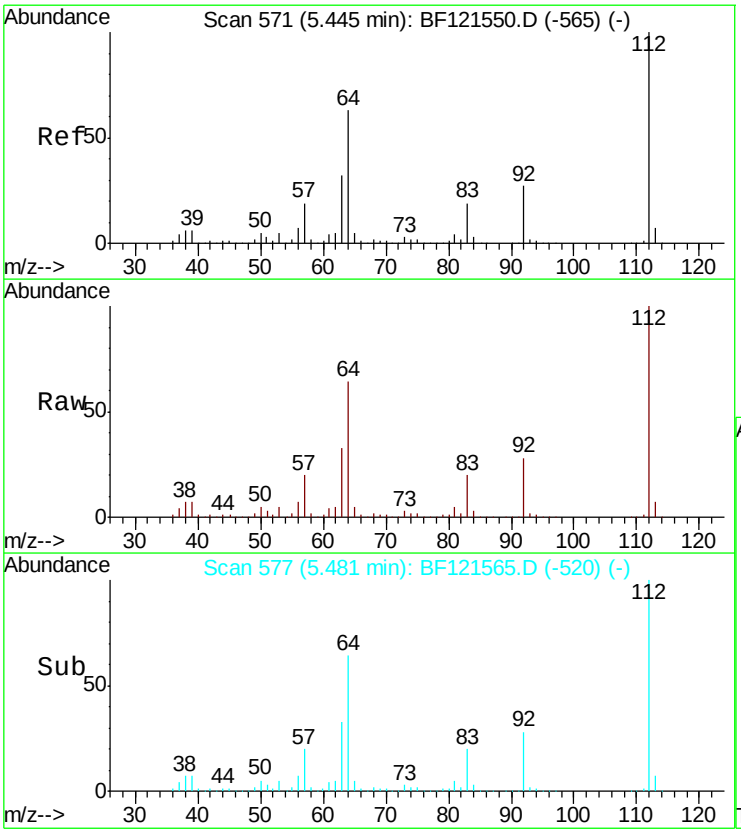
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:152 Resp: 186518

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.8	188.6
115	63.3	47.8	71.8



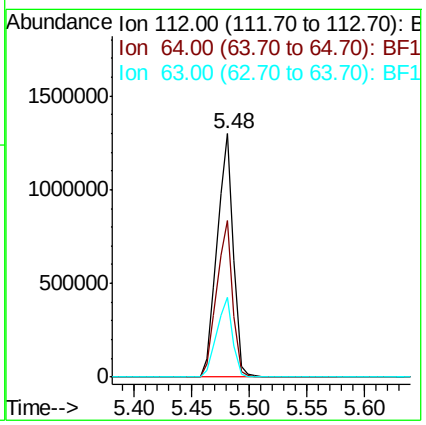
Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

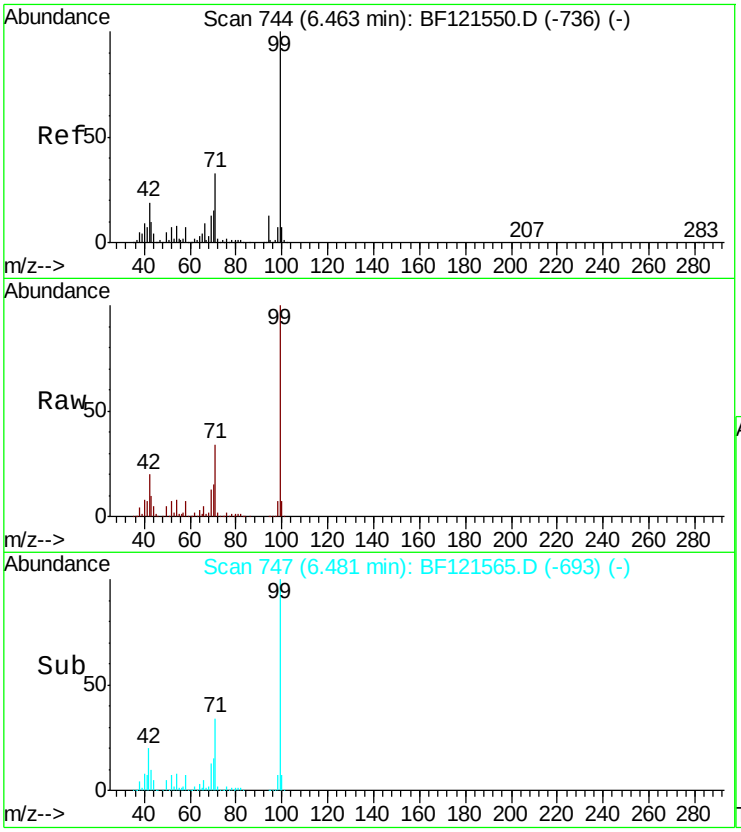


#5
2-Fluorophenol
Concen: 101.235 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.04 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:112 Resp: 1270566

Ion	Ratio	Lower	Upper
112	100		
64	64.2	50.3	75.5
63	32.8	25.6	38.4



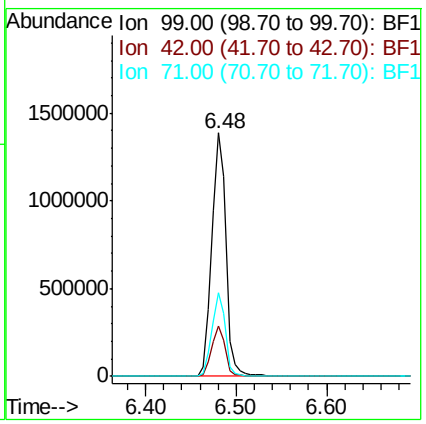


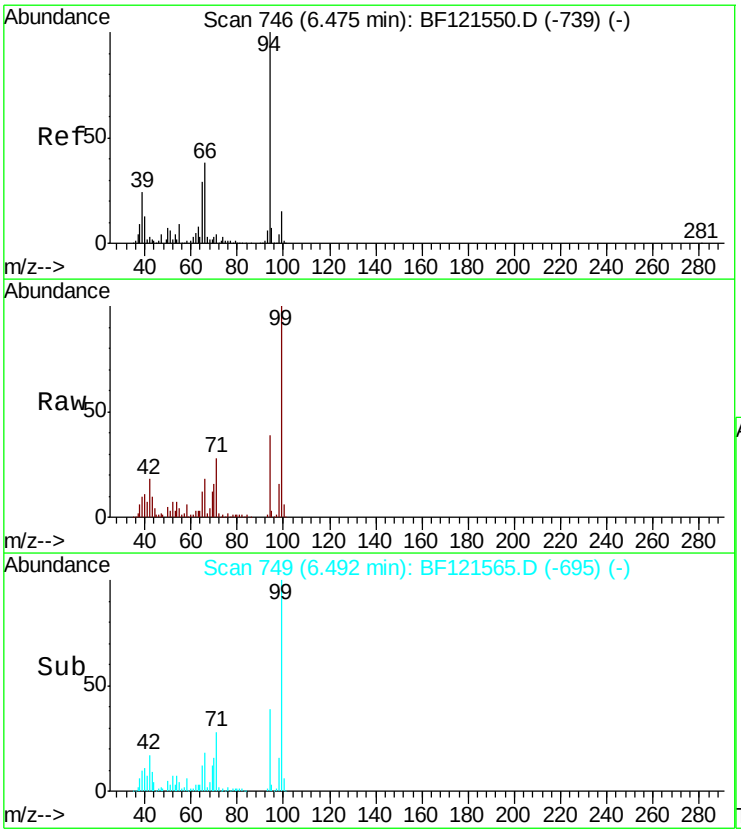
#7
Phenol-d6
Concen: 92.005 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion: 99 Resp: 1514920

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	34.1	26.1	39.1

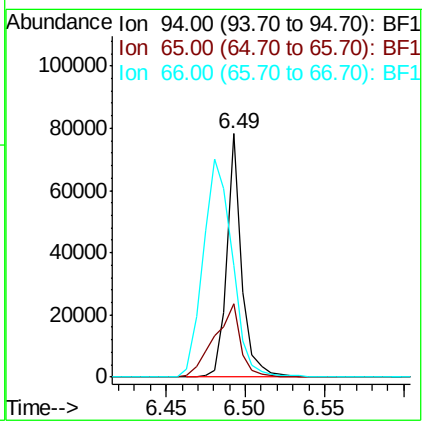


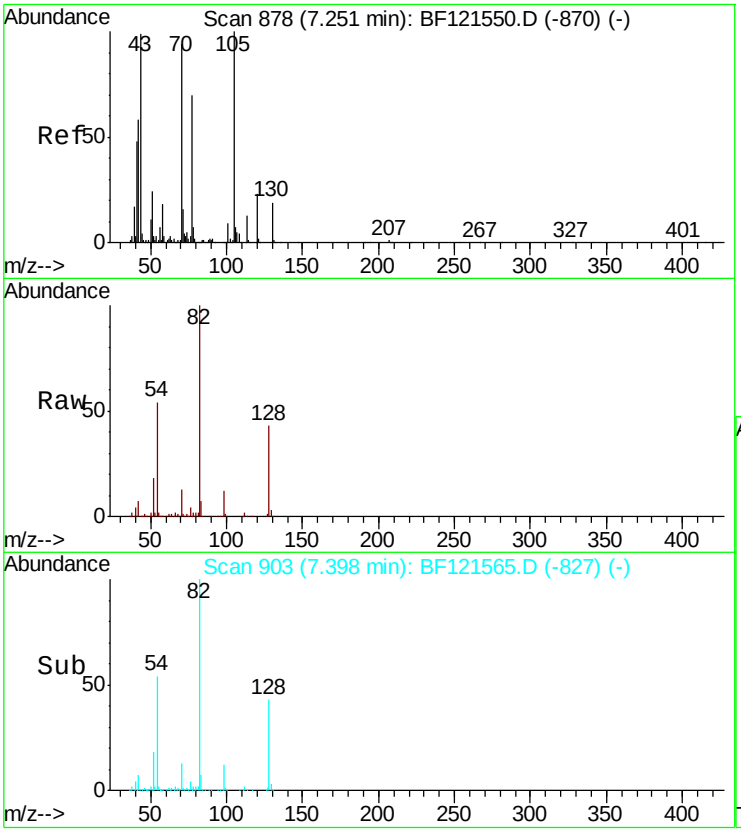


#10
Phenol
Concen: 2.875 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion: 94 Resp: 50403

Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.4	49.4
66	45.8	18.3	58.3



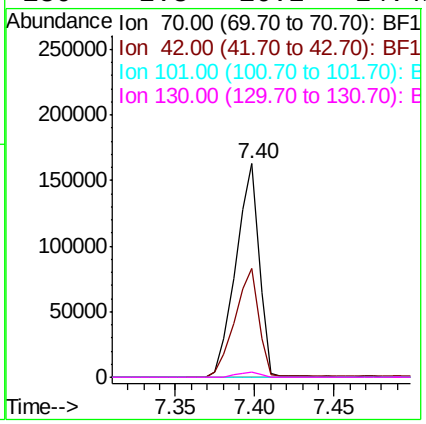


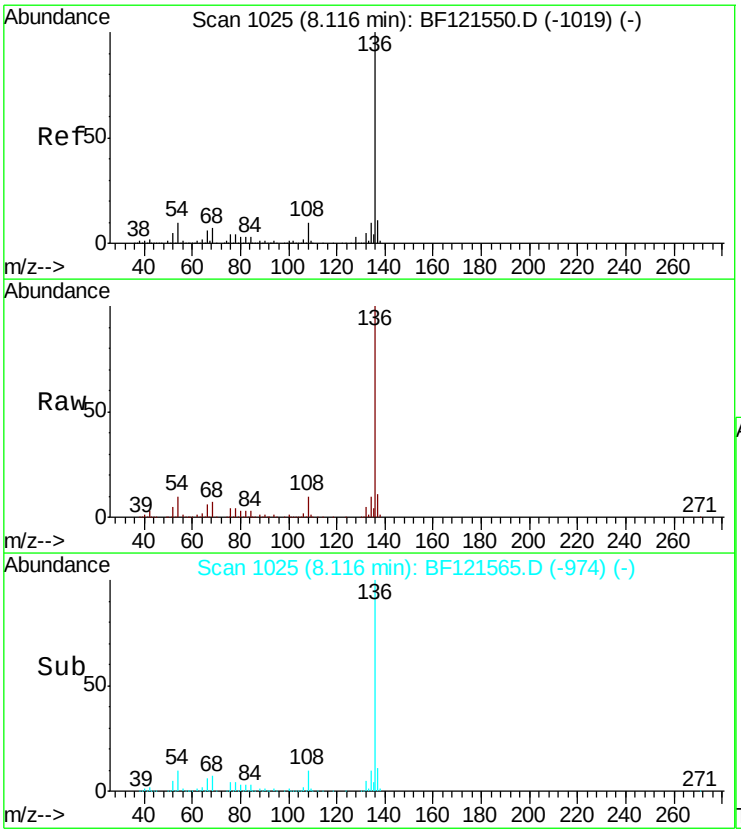
#19
n-Nitroso-di-n-propylamine
Concen: 17.538 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion: 70 Resp: 166428

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.4	74.2
101	0.0	7.6	11.4#
130	2.3	16.2	24.4#

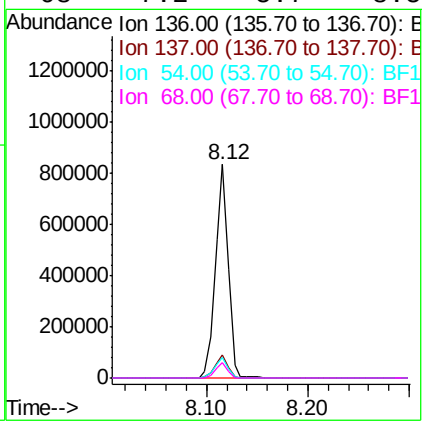


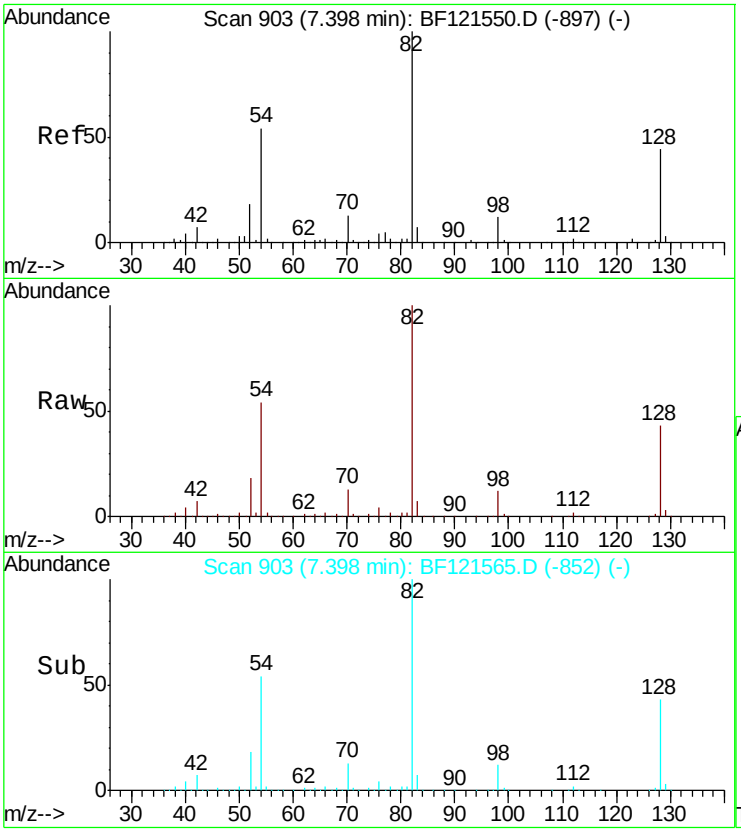


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:136 Resp: 728960

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.5	7.6	11.4
68	7.2	5.7	8.5



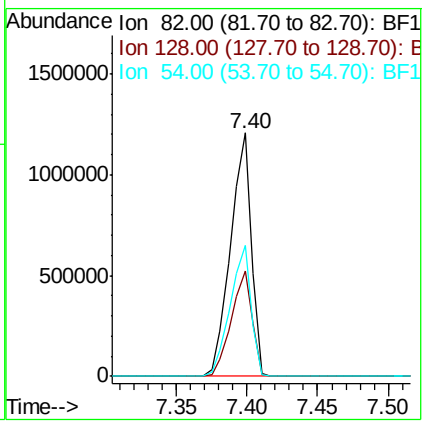


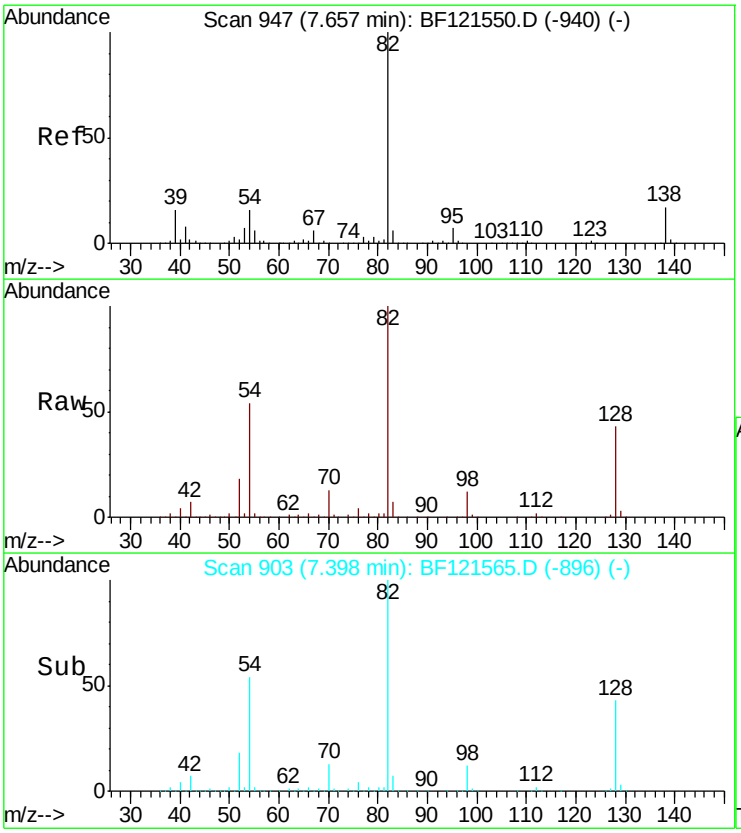
#23
Nitrobenzene-d5
Concen: 91.533 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion: 82 Resp: 1242725

Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.1	52.7
54	54.0	43.0	64.6

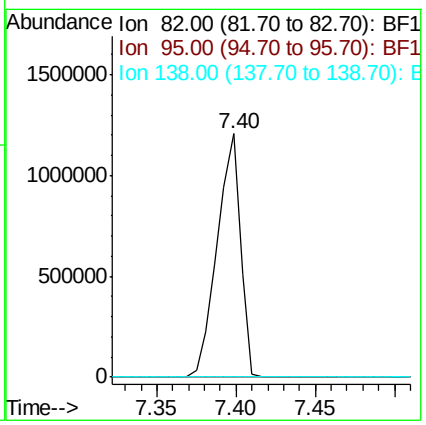


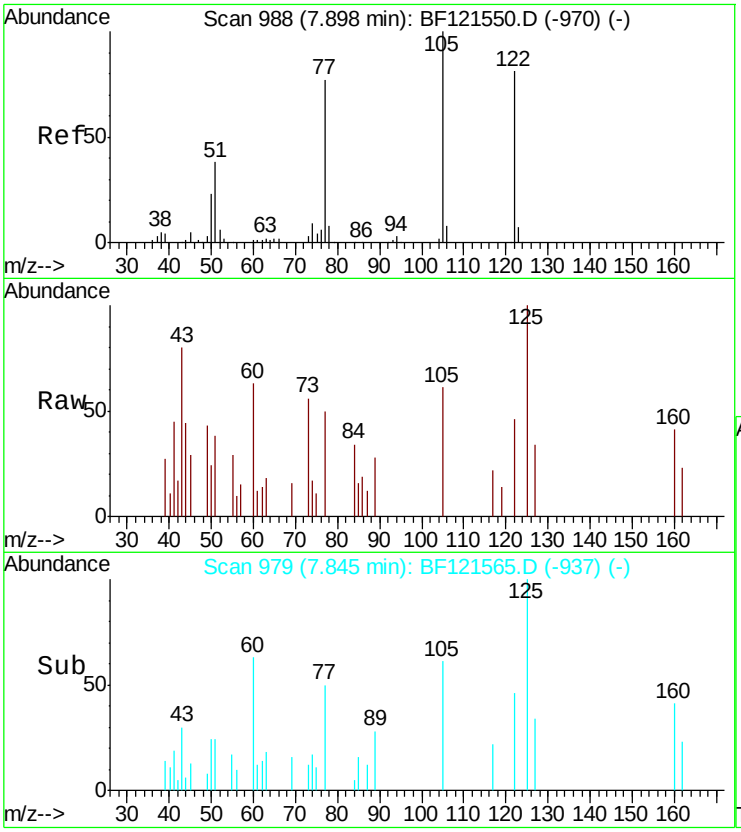


#25
Isophorone
Concen: 45.269 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion: 82 Resp: 1237211

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.7	20.5#



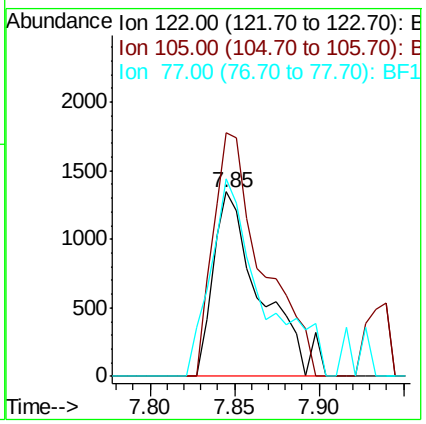


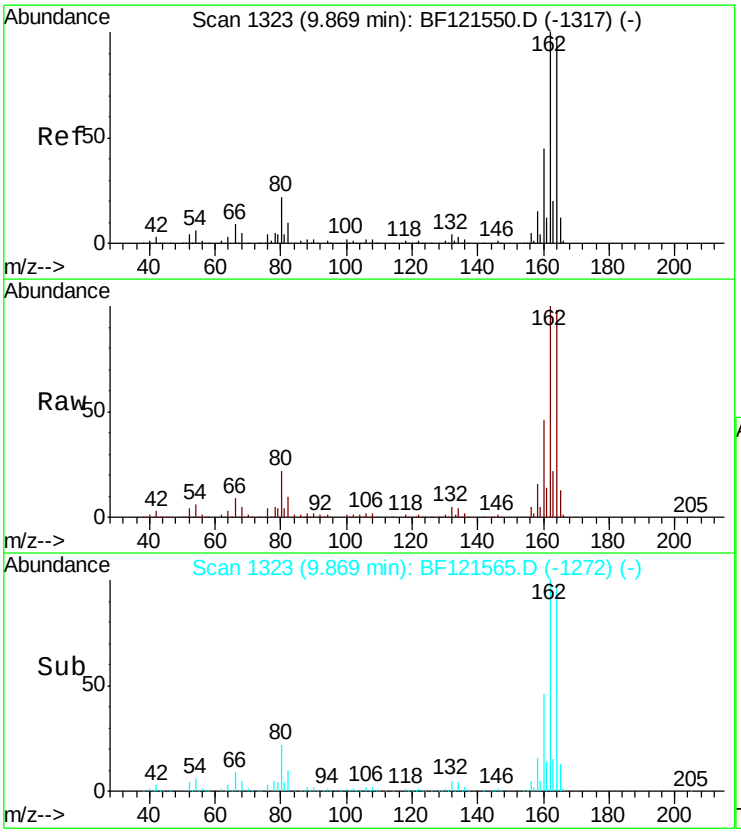
#32
Benzoic acid
Concen: 7.184 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion:122 Resp: 2643

Ion	Ratio	Lower	Upper
122	100		
105	132.1	100.5	140.5
77	107.1	72.6	112.6

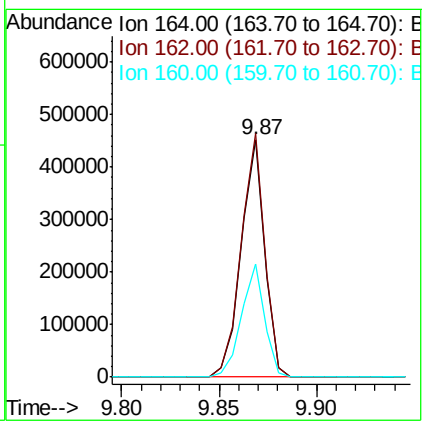


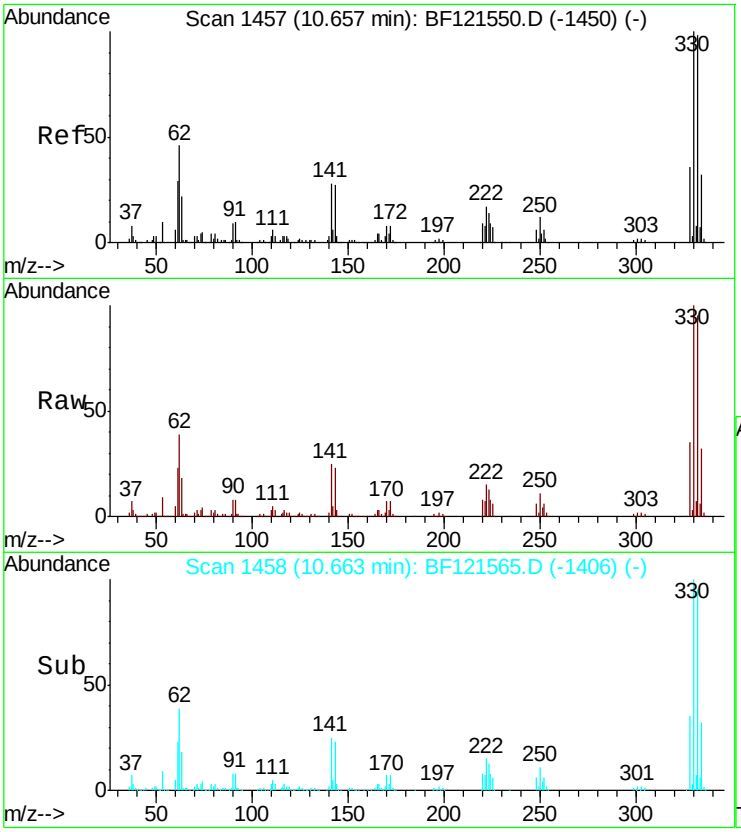


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:164 Resp: 378913

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.3	123.5
160	47.4	37.0	55.4



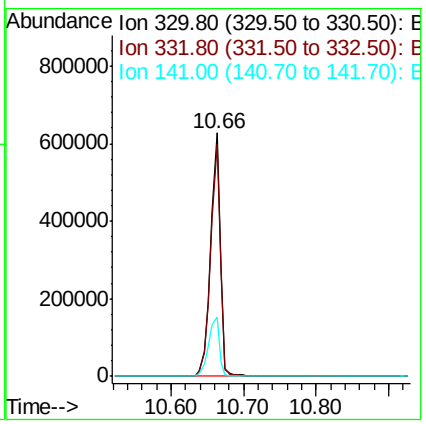


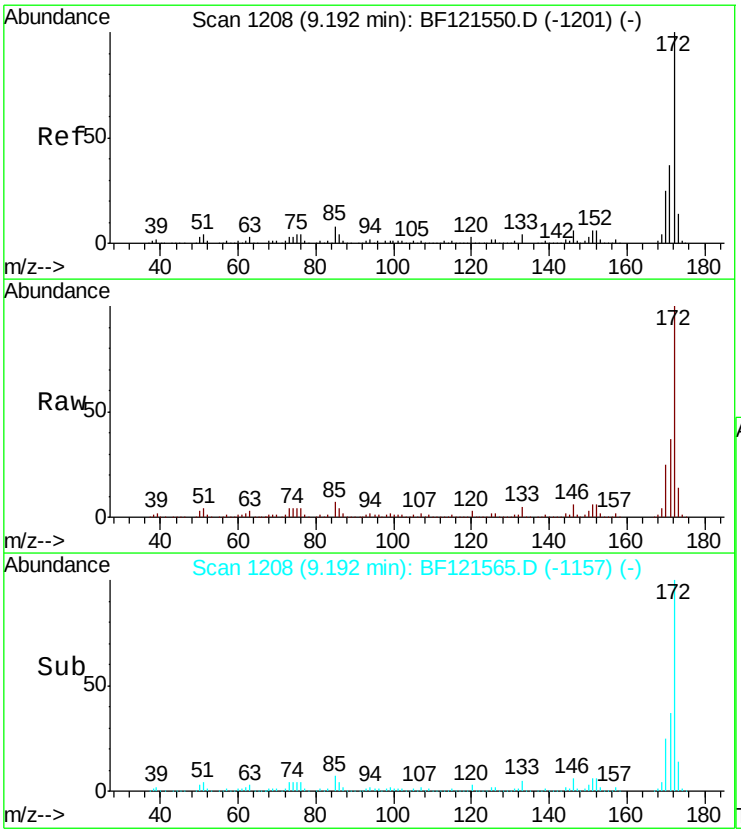
#42
2,4,6-Tribromophenol
Concen: 124.851 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion:330 Resp: 587973

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	27.4	23.6	35.4

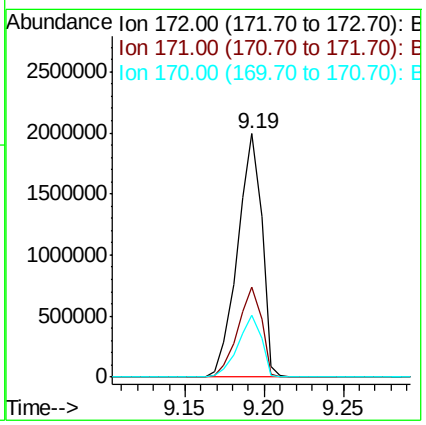


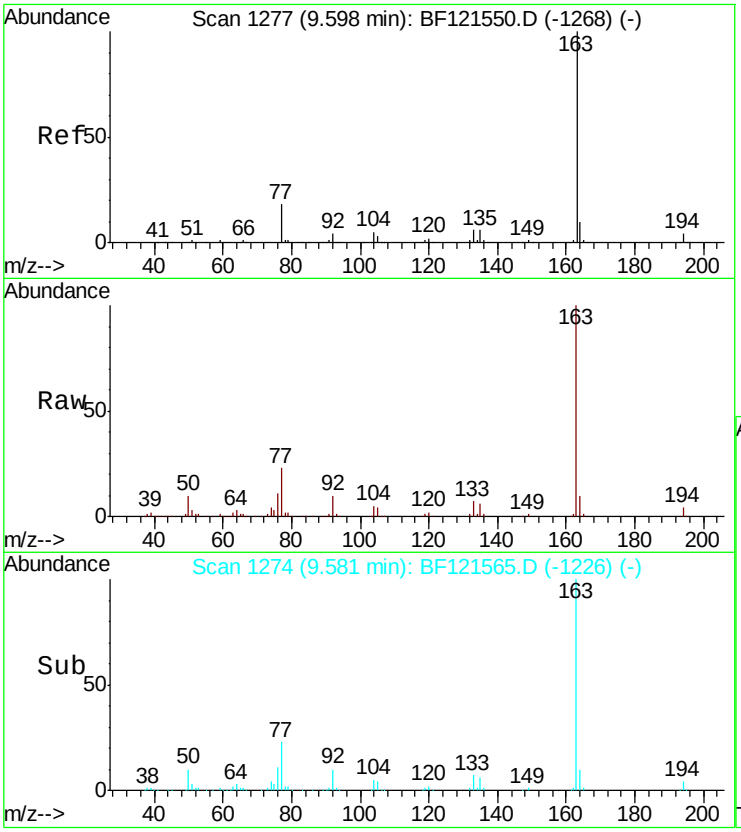


#45
2-Fluorobiphenyl
Concen: 84.498 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:172 Resp: 2114014

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.6
170	25.3	19.8	29.8



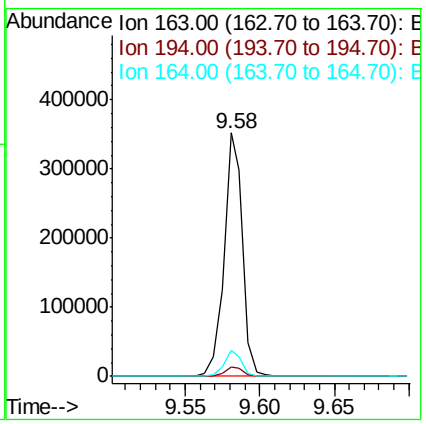


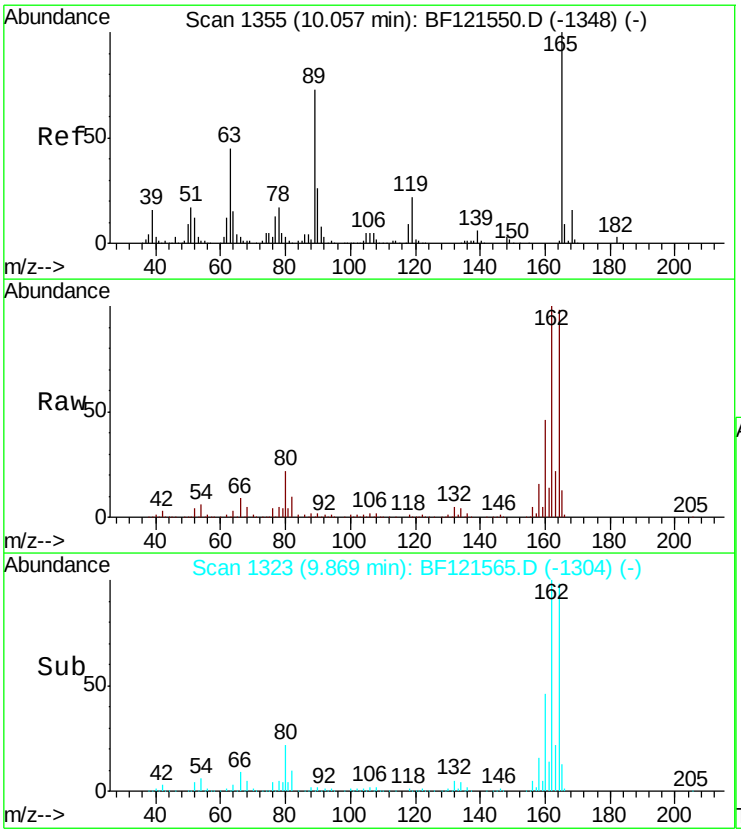
#50
Dimethylphthalate
Concen: 11.161 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion:163 Resp: 306521

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.5	7.9	11.9

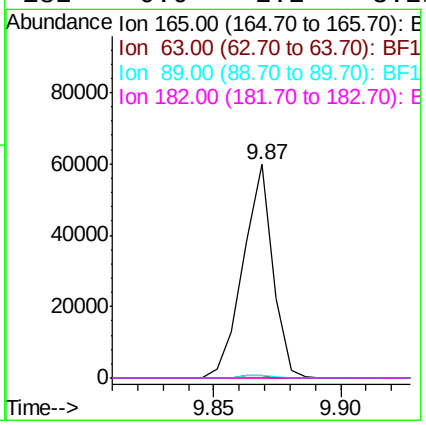


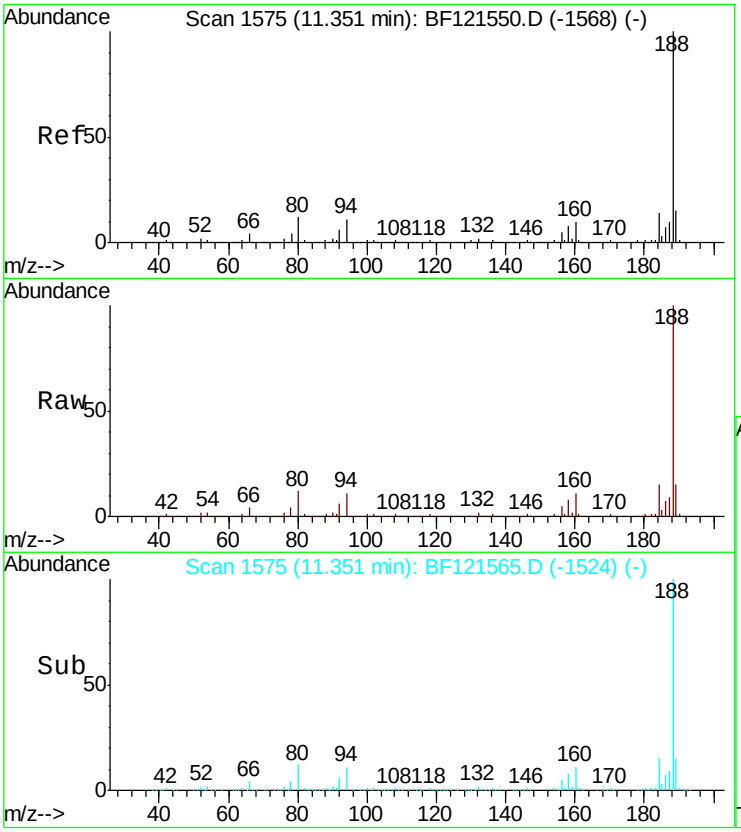


#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:165 Resp: 48911

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	1.4	58.2	87.4#
182	0.0	2.2	3.2#



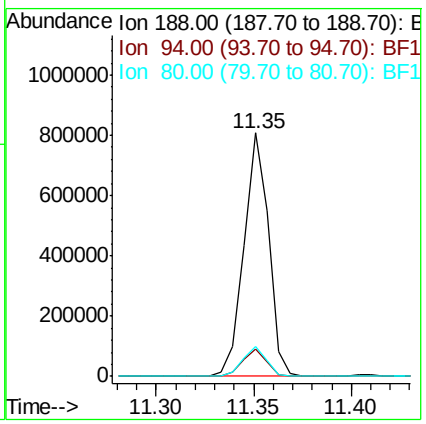


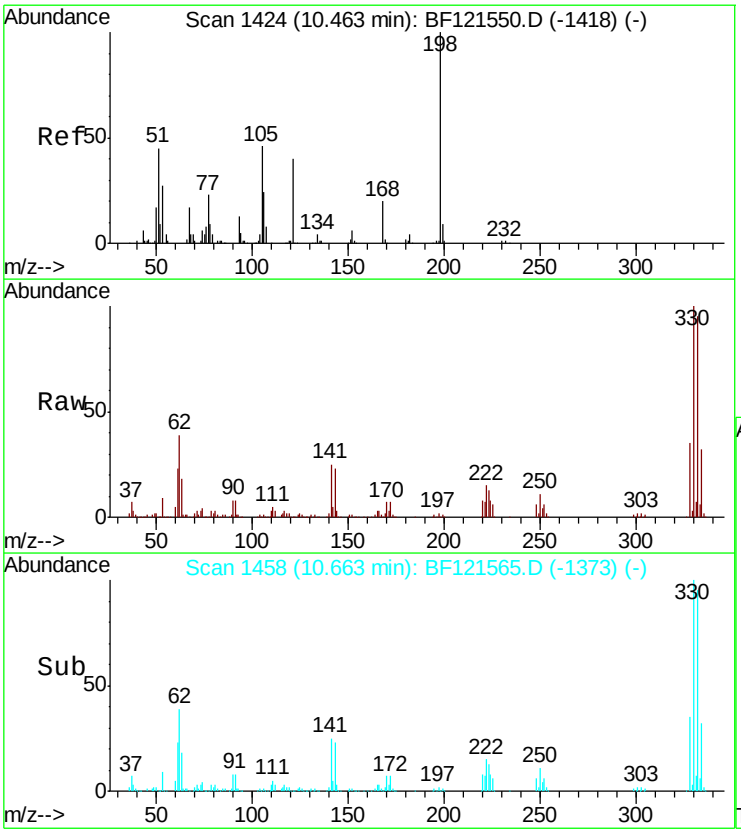
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion:188 Resp: 707149

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.7	13.1
80	12.5	9.3	13.9

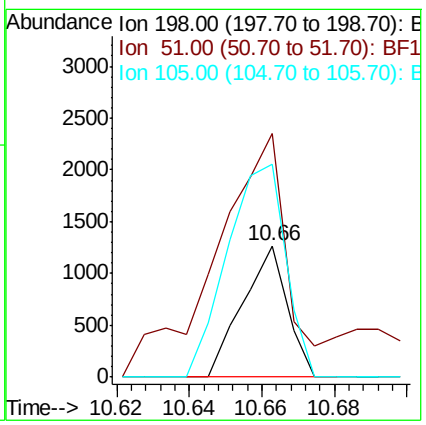


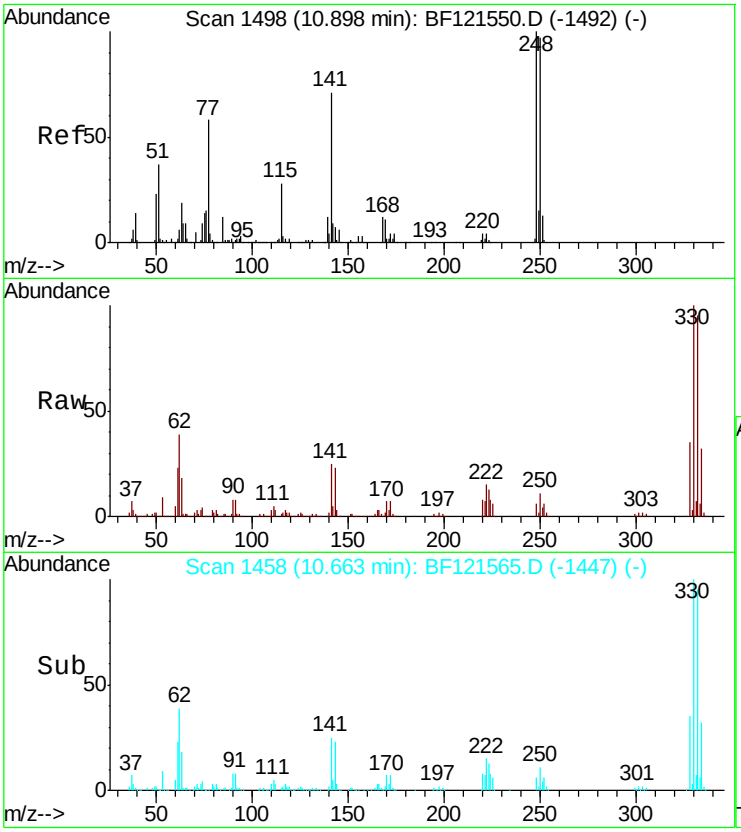


#65
4,6-Dinitro-2-methylphenol
Concen: 7.065 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.20 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:198 Resp: 1079

Ion	Ratio	Lower	Upper
198	100		
51	186.0	31.1	71.1#
105	162.9	26.6	66.6#



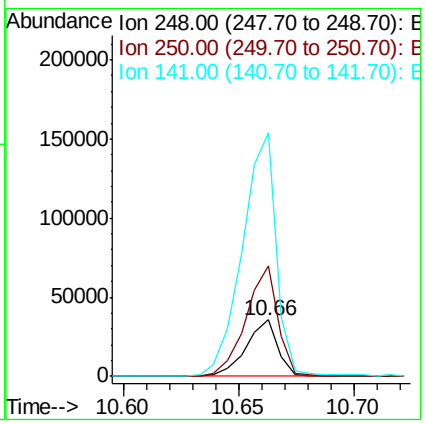


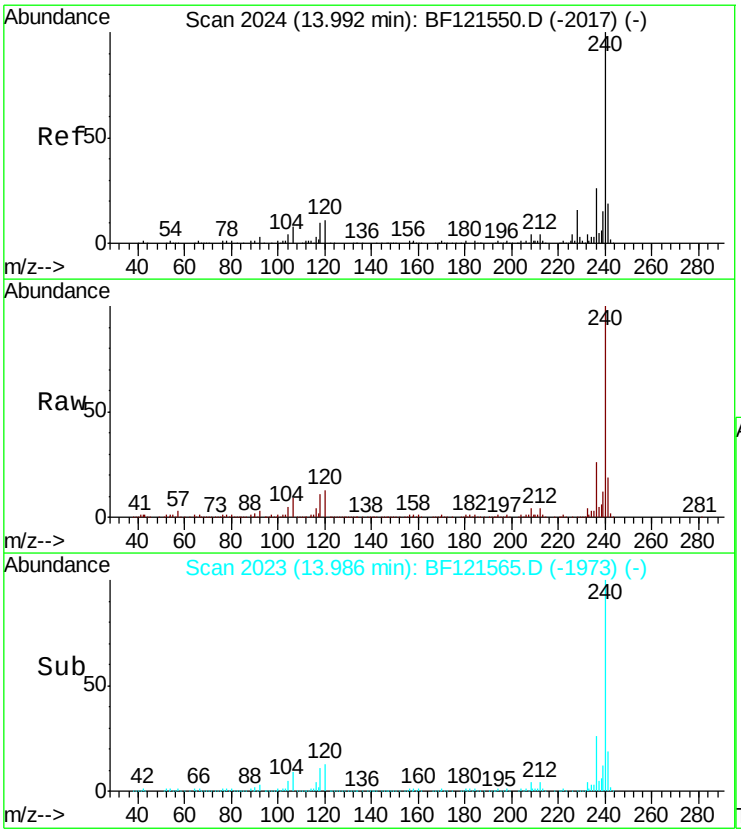
#67
4-Bromophenyl-phenylether
Concen: 4.196 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.24 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion:248 Resp: 33784

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.4	116.0#
141	430.9	56.7	85.1#

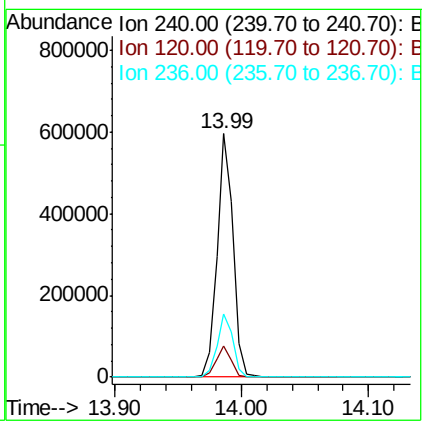


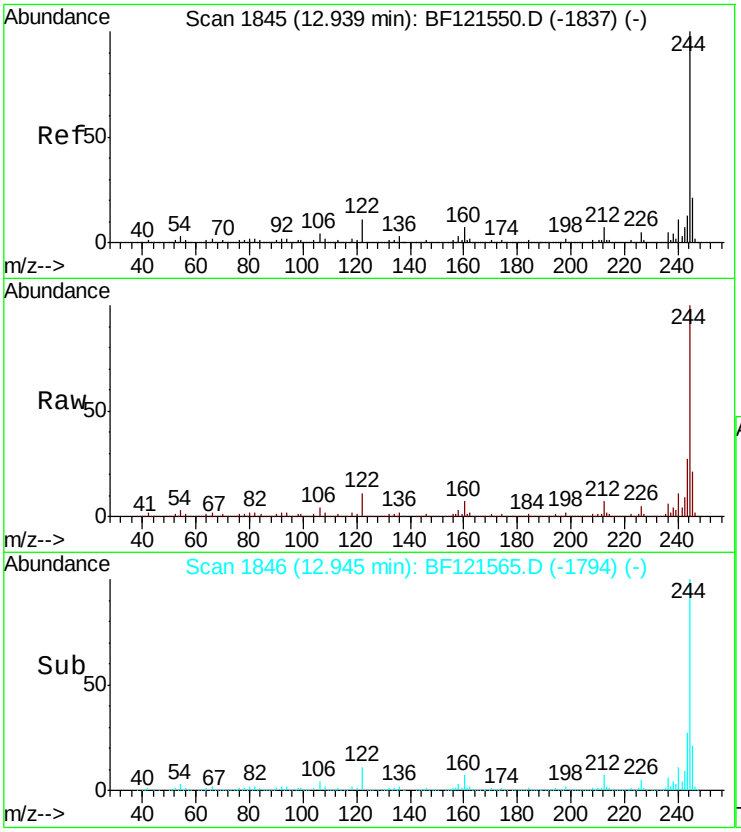


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:240 Resp: 524652

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	25.9	20.5	30.7



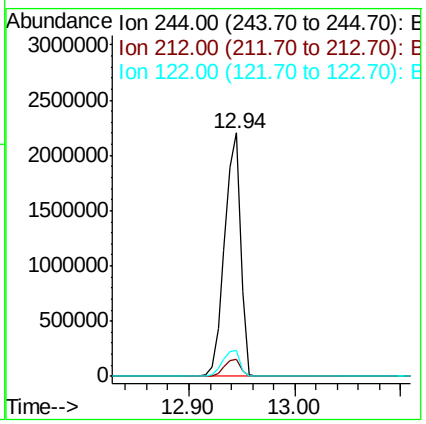


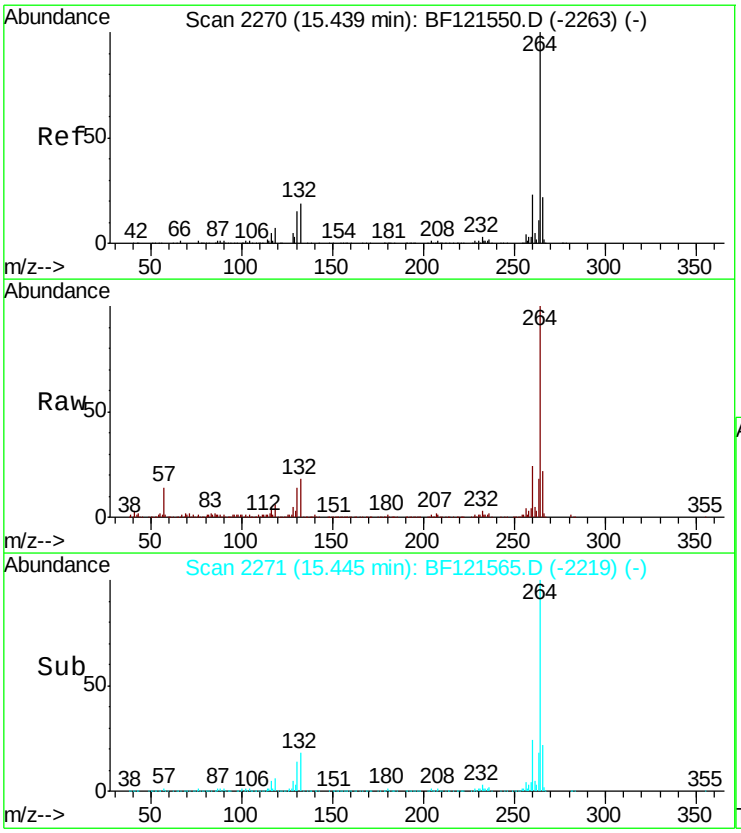
#79
Terphenyl-d14
Concen: 89.631 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Instrument :
BNA_F
ClientSampleId :
PAV-091120-DP

Tgt Ion:244 Resp: 2321199

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.6	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF121565.D
Acq: 14 Sep 2020 17:34

Tgt Ion:264 Resp: 433594

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.7	17.8	26.6