Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121374.D
Acq On : 21 Aug 2020 18:45
Operator : JU/CG
Sample : L3719-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20200512-AMENDED-DISCRETE-00

Quant Time: Aug 22 00:34:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	157674	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	619792	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	320529	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	612116	20.00	ng		0.00
76) Chrysene-d12	13.84	240	465076	20.00	ng		0.00
86) Perylene-d12	15.26	264	393725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	637312	66.28	ng		0.01
7) Phenol-d6	6.34	99	972395	79.21	ng		0.00
23) Nitrobenzene-d5	7.26	82	642086	58.59	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	190340	50.96	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1038177	58.08	ng		0.00
79) Terphenyl-d14	12.79	244	880837	37.01	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	39374	3.059	ng		80
19) n-Nitroso-di-n-propylamine	7.26	70	85392	12.935	ng	#	78
25) Isophorone	7.26	82	637500	31.965	ng	#	65
50) Dimethylphthalate	9.45	163	122595	5.257	ng		99
51) 2,6-Dinitrotoluene	9.73	165	41209	8.275	ng	#	29
55) Dibenzofuran	9.93	168	116	Below Cal		#	46
57) 2,4-Dinitrotoluene	9.73	165	41209	6.783	ng	#	25
58) Fluorene	10.52	166	7867	Below Cal		#	87

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

Quantitation Report (Not Reviewed)

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Acq On : 21 Aug 2020 18:45
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BNA_F
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20200512-AMENDED-DISCRETE-00

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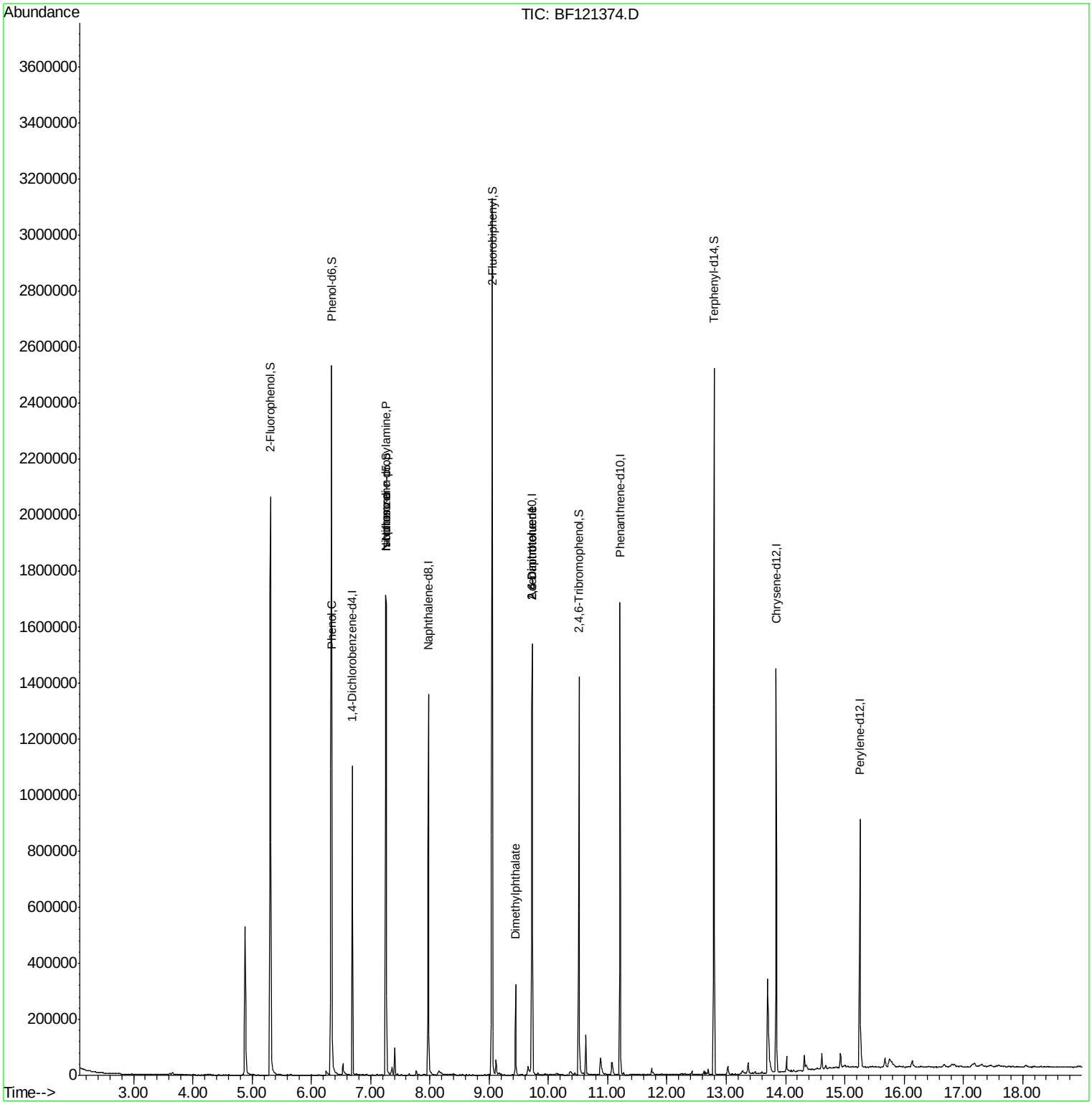
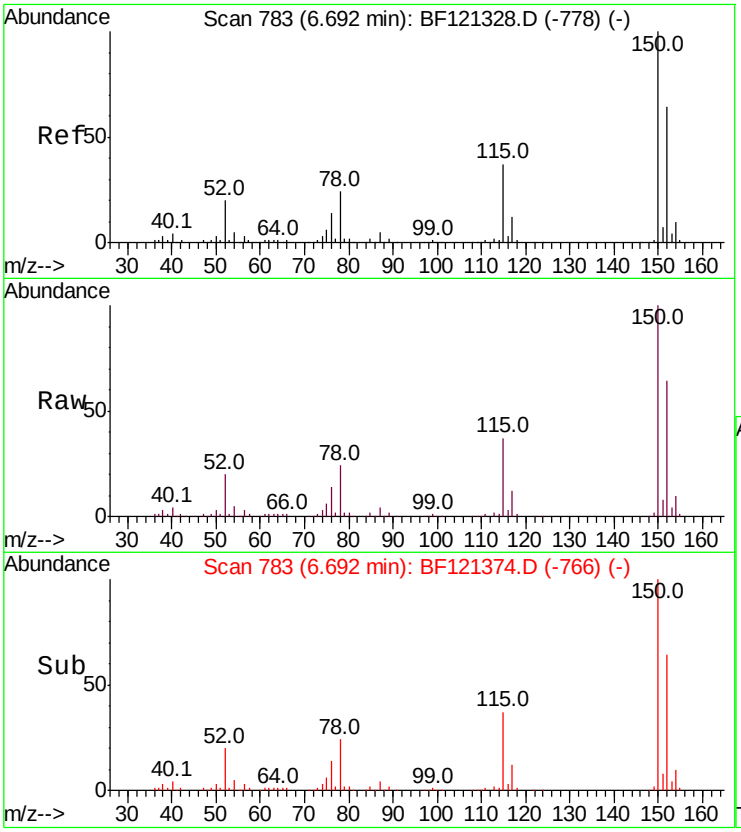


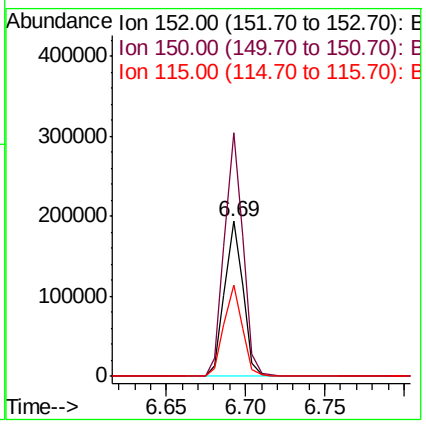


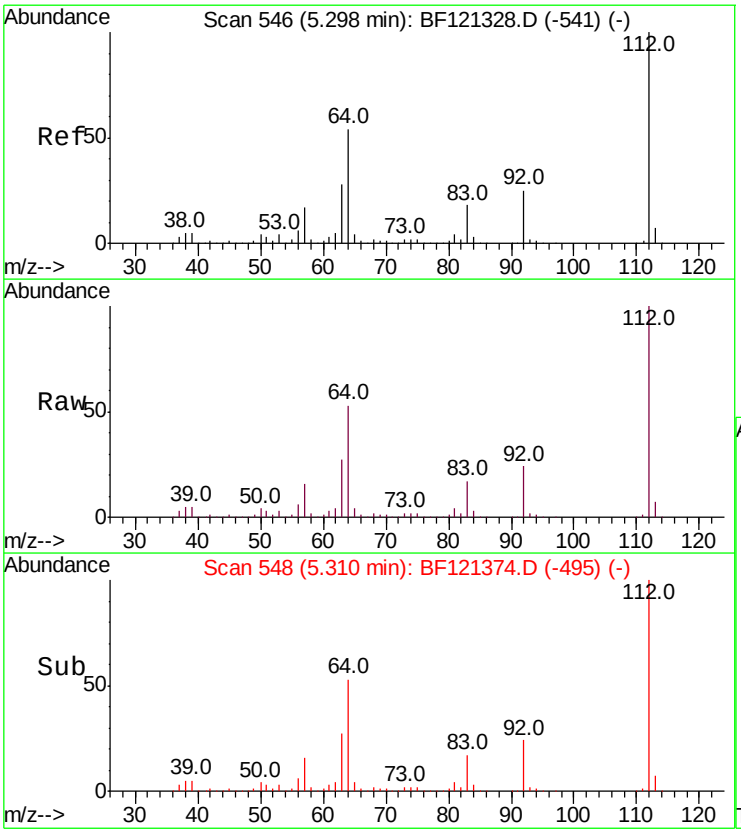
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:152 Resp: 157674

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.8	187.2
115	59.0	46.1	69.1

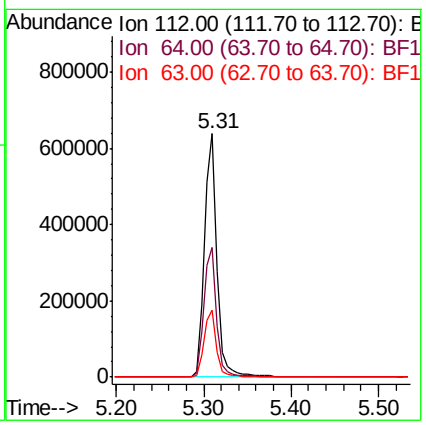


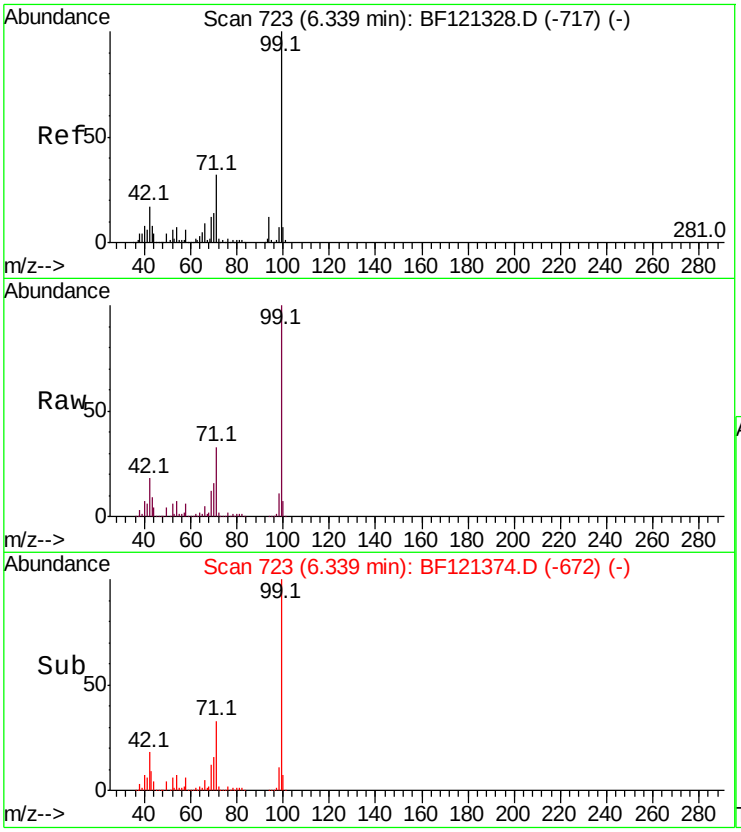


#5
2-Fluorophenol
Concen: 66.277 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:112 Resp: 637312

Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.5	65.3
63	27.3	22.0	33.0



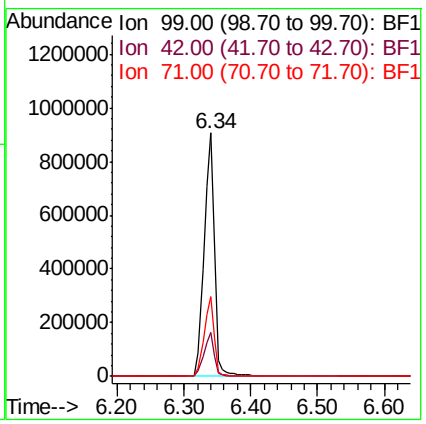


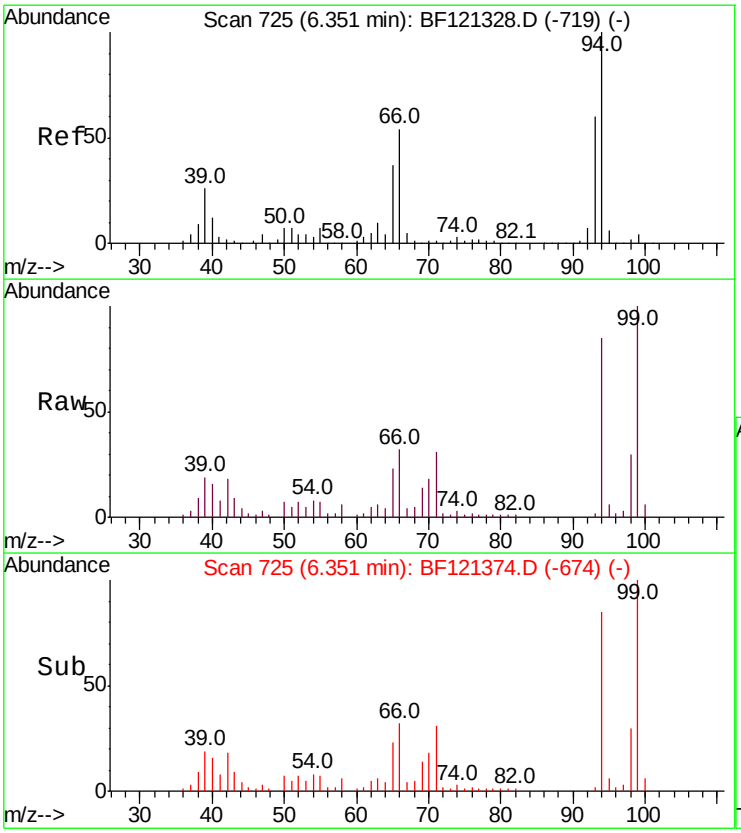
#7
Phenol-d6
Concen: 79.215 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion: 99 Resp: 972395

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	32.9	25.2	37.8

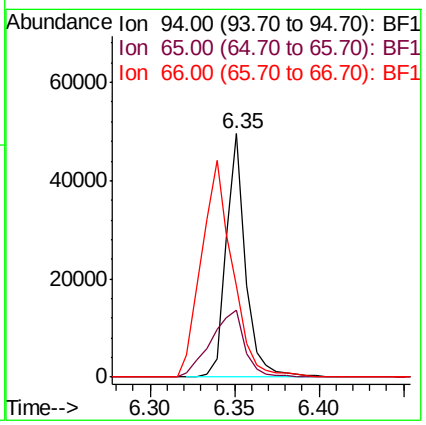


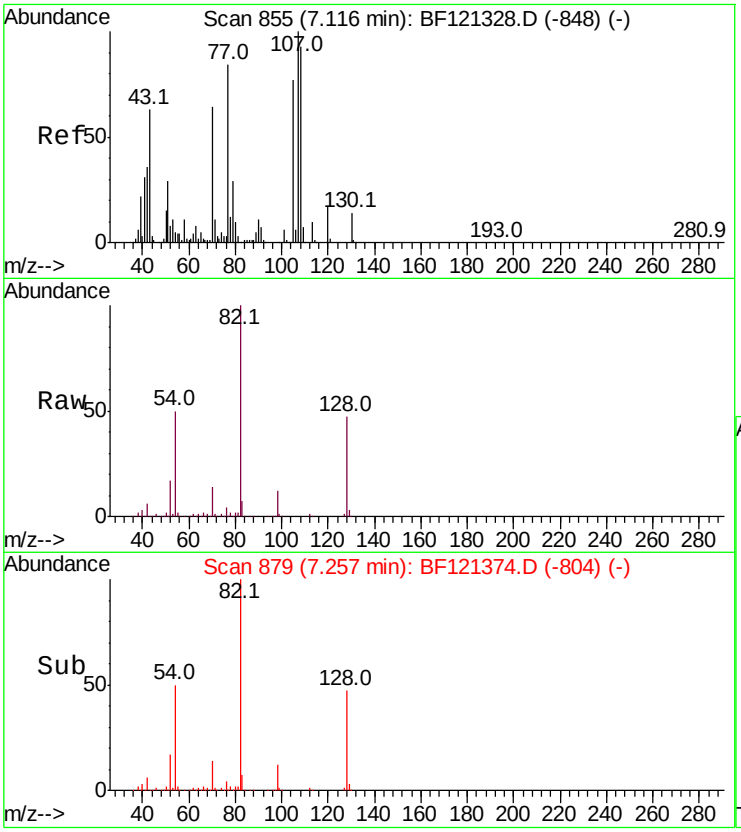


#10
Phenol
Concen: 3.059 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion: 94 Resp: 39374

Ion	Ratio	Lower	Upper
94	100		
65	27.5	16.6	56.6
66	37.5	34.3	74.3



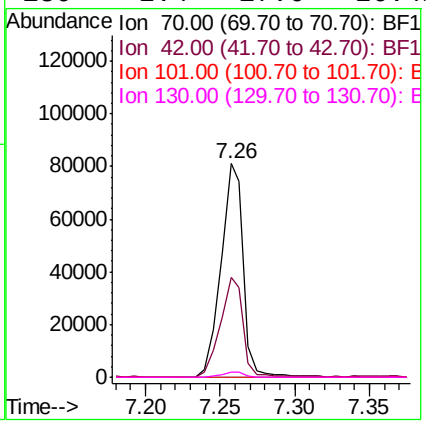


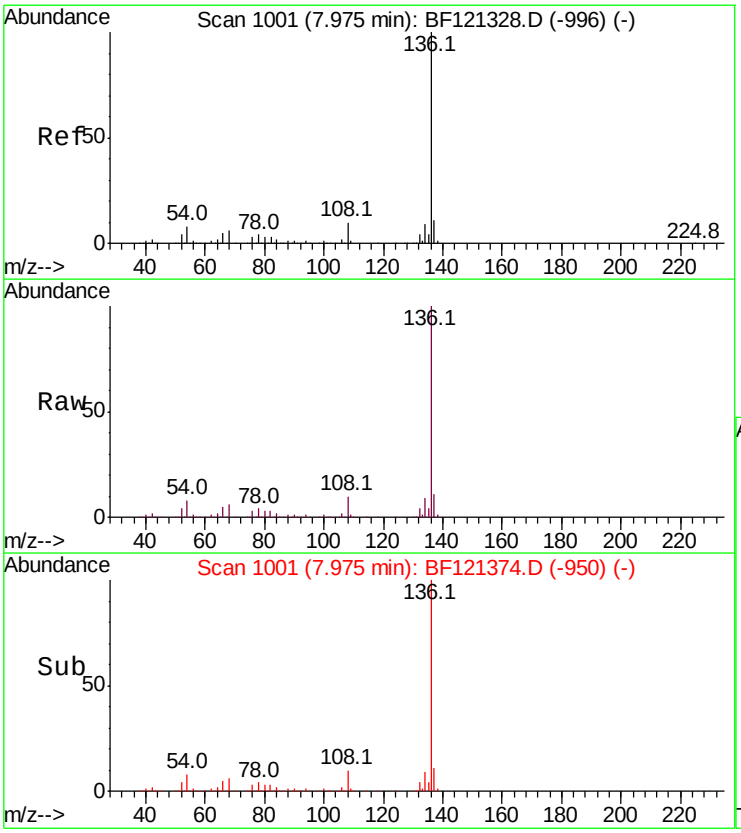
#19
n-Nitroso-di-n-propylamine
Concen: 12.935 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion: 70 Resp: 85392

Ion	Ratio	Lower	Upper
70	100		
42	46.9	45.2	67.8
101	0.0	7.7	11.5#
130	2.4	17.6	26.4#

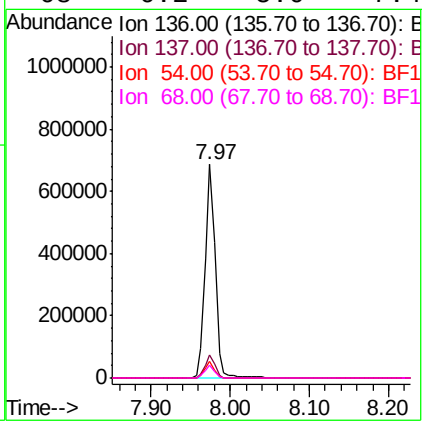


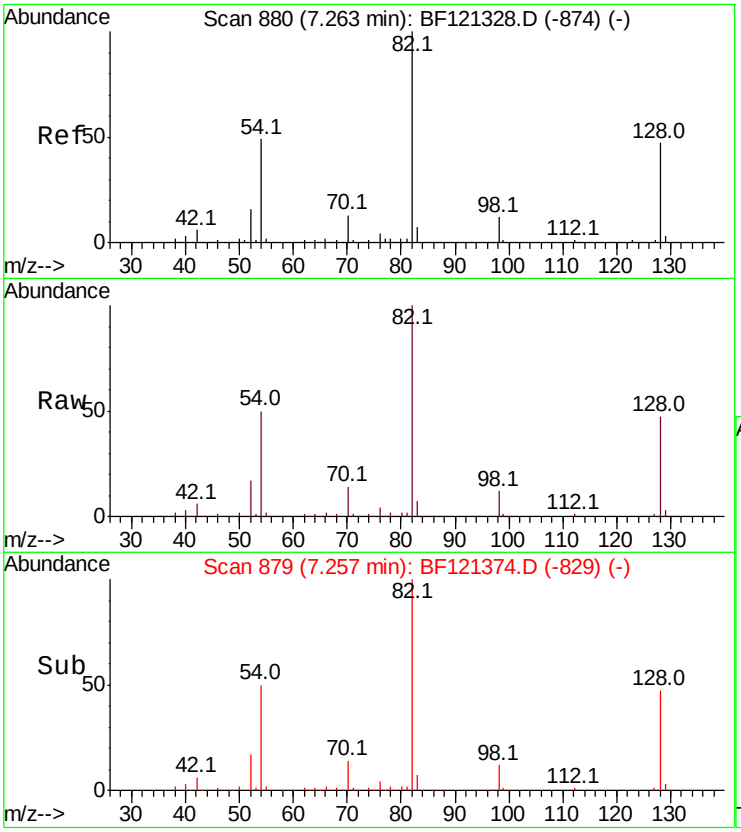


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:136 Resp: 619792

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.1	9.1
68	6.2	5.0	7.4



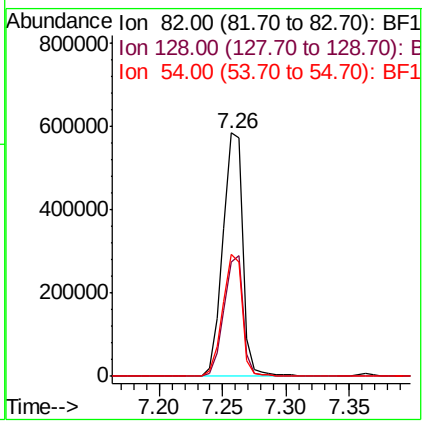


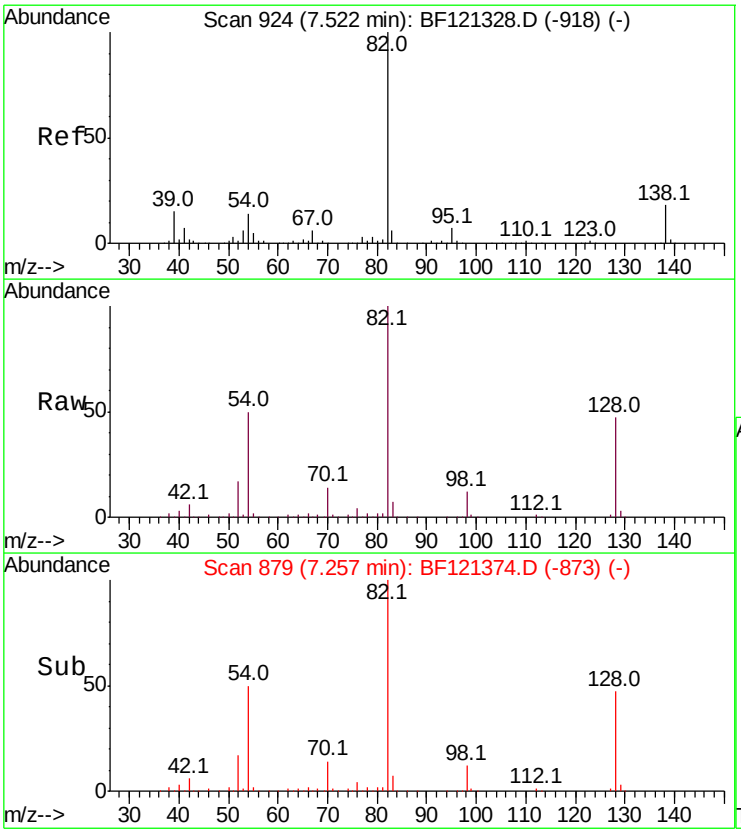
#23
Nitrobenzene-d5
Concen: 58.590 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion: 82 Resp: 642086

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.9	56.9
54	50.1	39.0	58.4

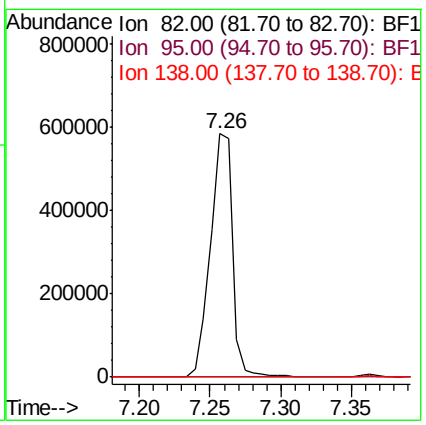


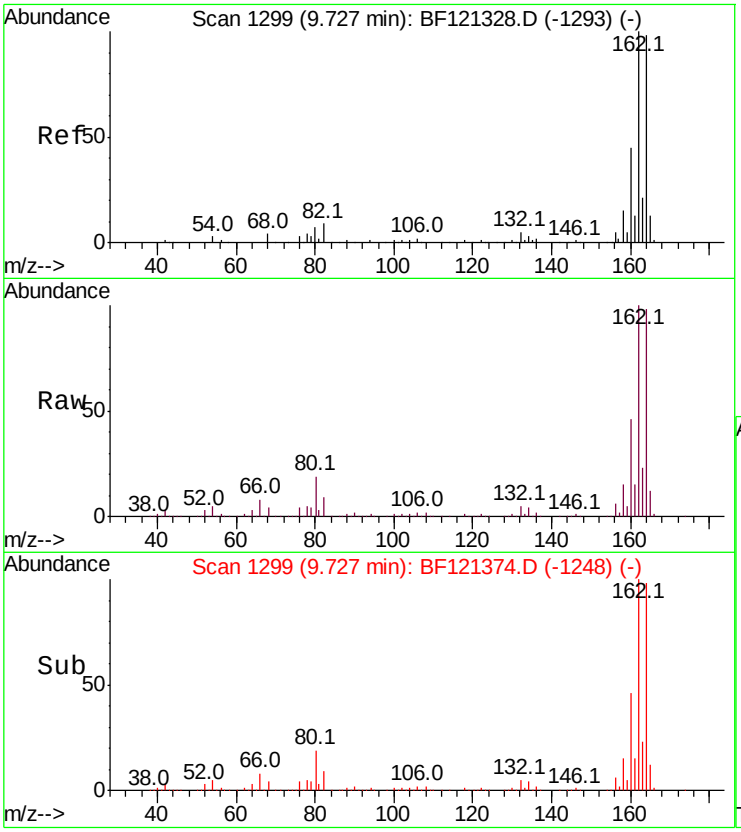


#25
Isophorone
Concen: 31.965 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion: 82 Resp: 637500

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	14.6	21.8#



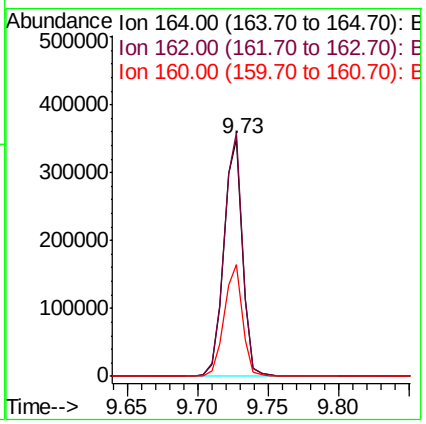


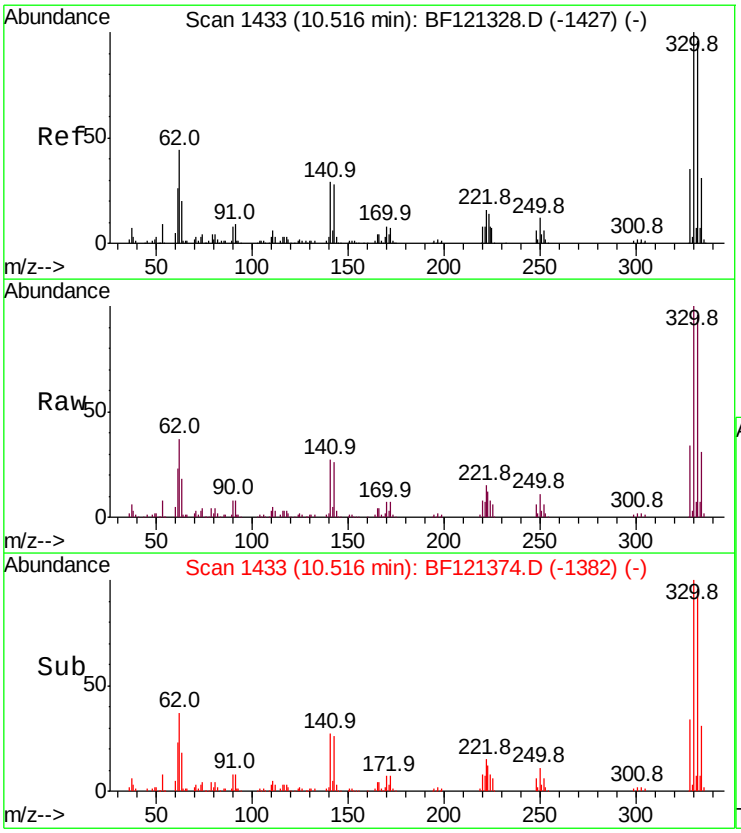
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:164 Resp: 320529

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.7	122.5
160	46.8	37.0	55.4

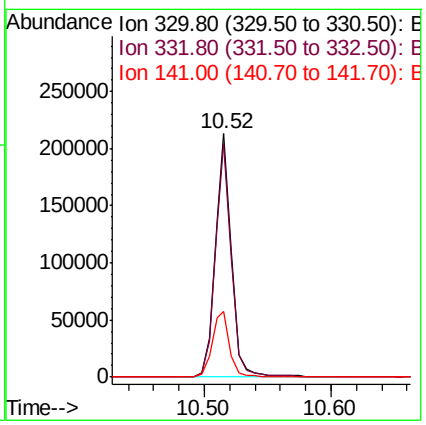


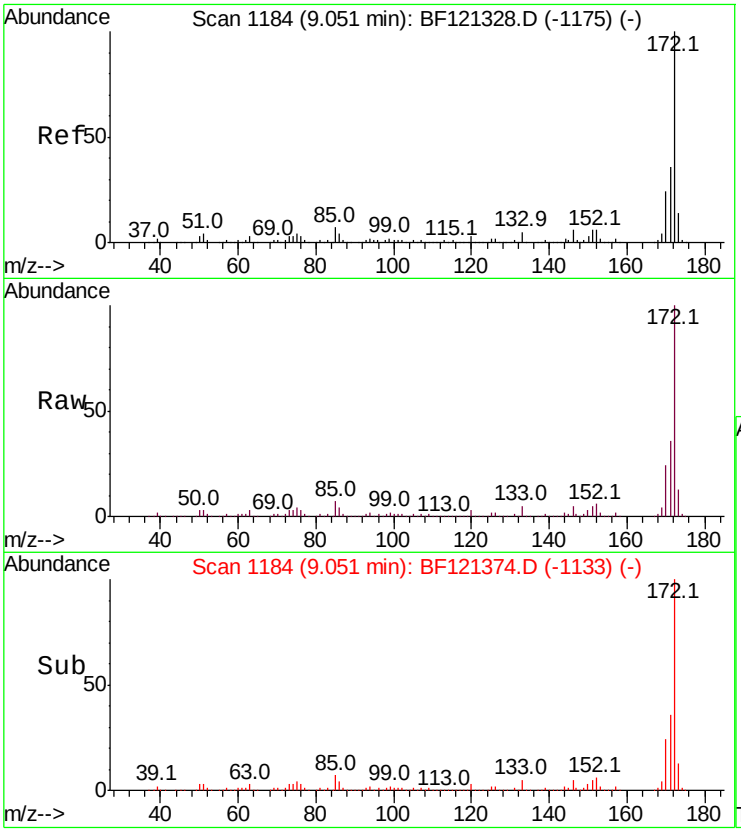


#42
2,4,6-Tribromophenol
Concen: 50.959 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:330 Resp: 190340

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	29.4	22.8	34.2



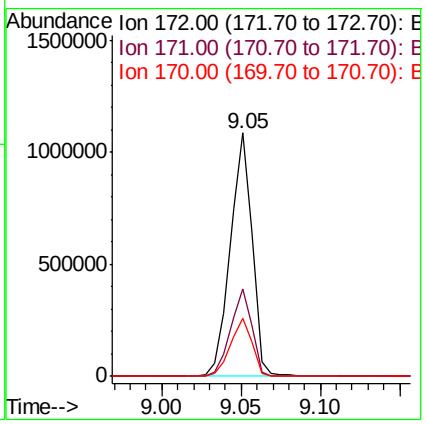


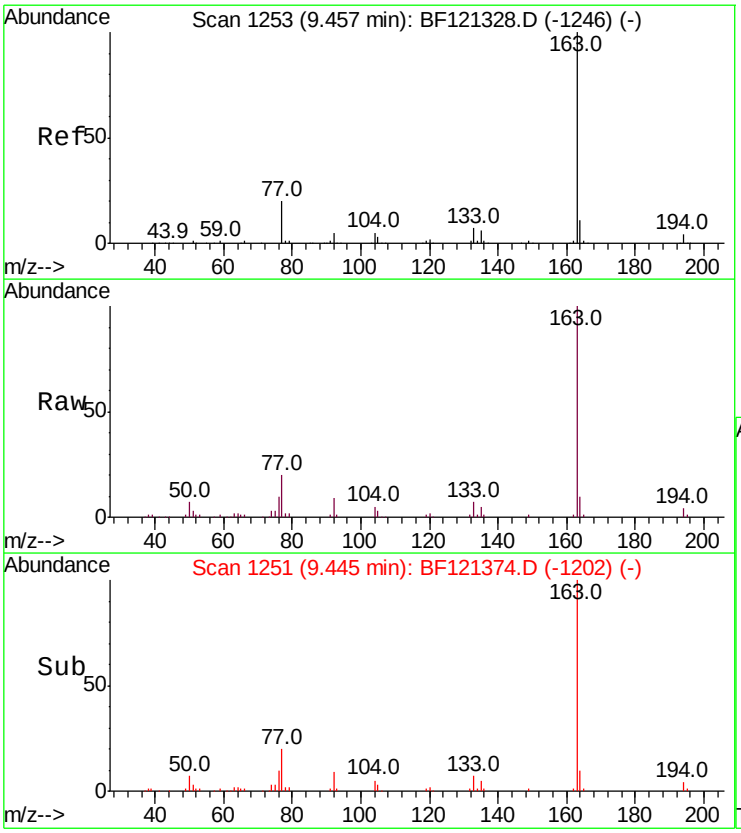
#45
2-Fluorobiphenyl
Concen: 58.085 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:172 Resp: 1038177

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.4	29.2

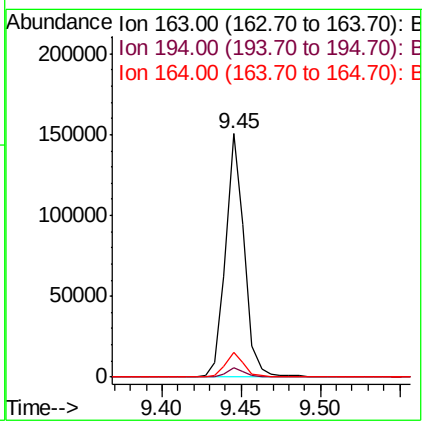


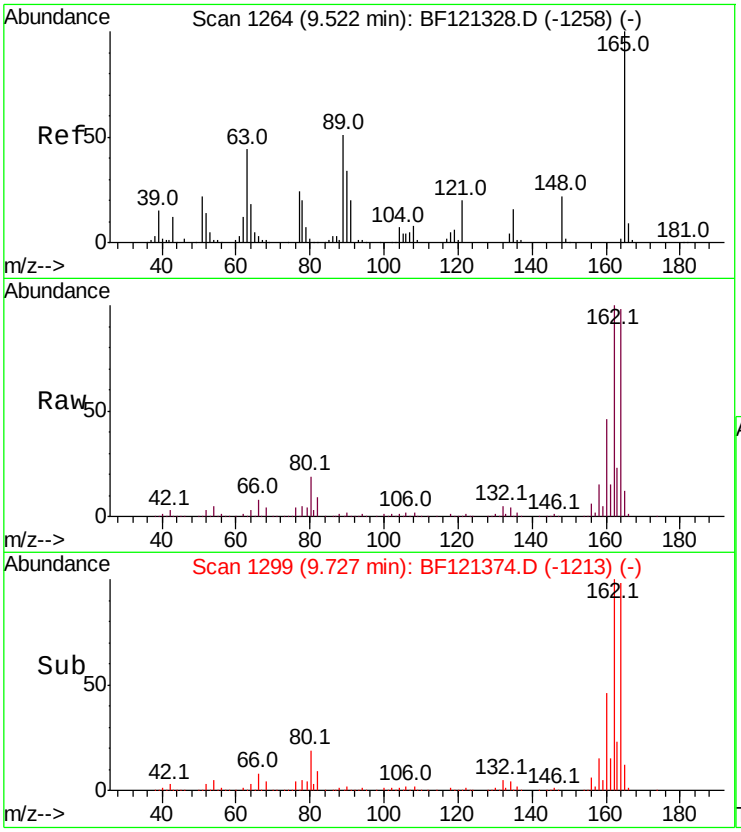


#50
Dimethylphthalate
Concen: 5.257 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:163 Resp: 122595

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.4	12.6



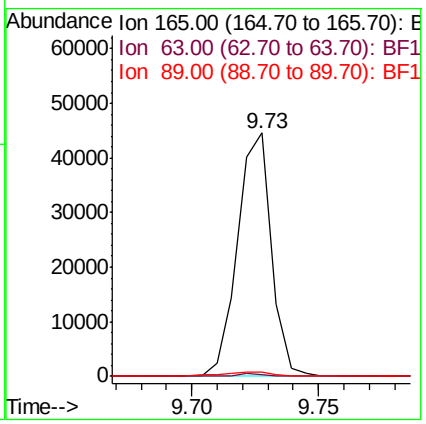


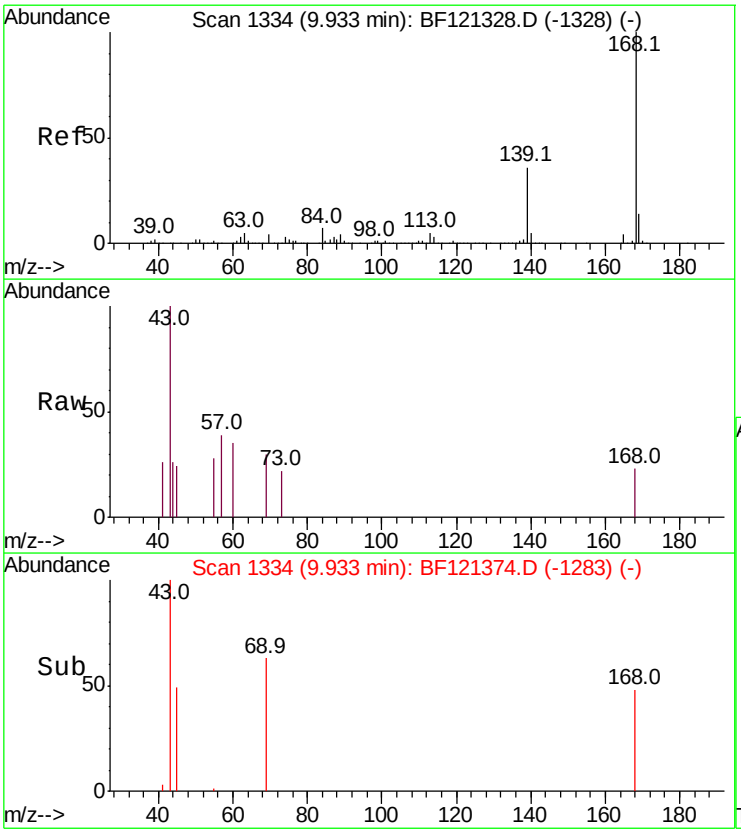
#51
2,6-Dinitrotoluene
Concen: 8.275 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.21 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:165 Resp: 41209

Ion	Ratio	Lower	Upper
165	100		
63	0.8	38.5	57.7#
89	1.8	41.2	61.8#

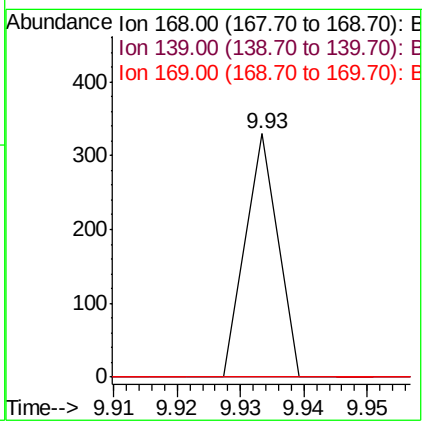


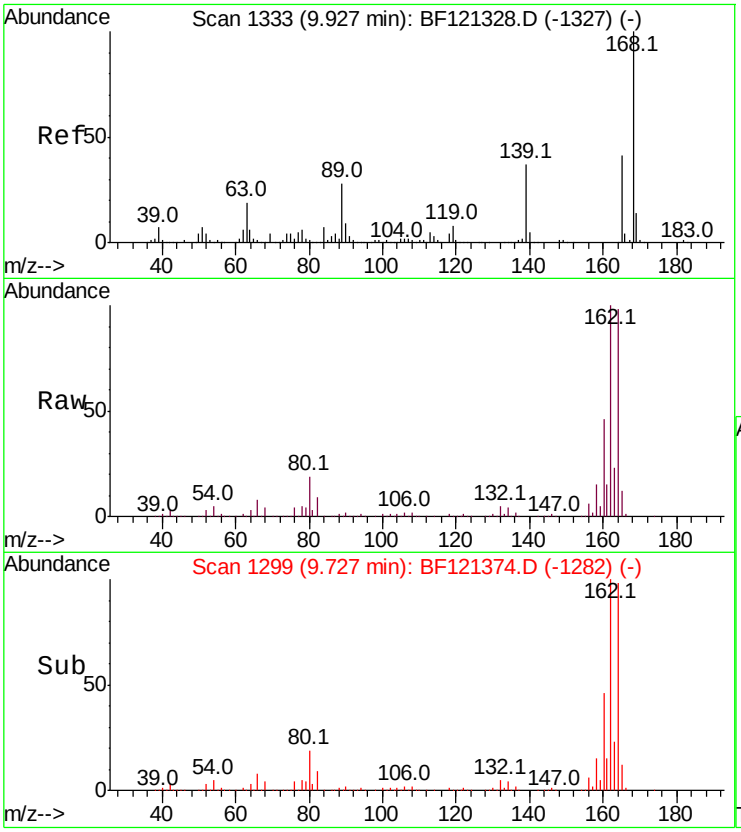


#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:168 Resp: 116

Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.1	43.7#
169	0.0	11.0	16.6#



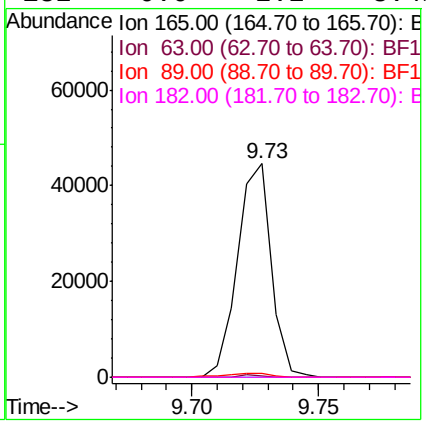


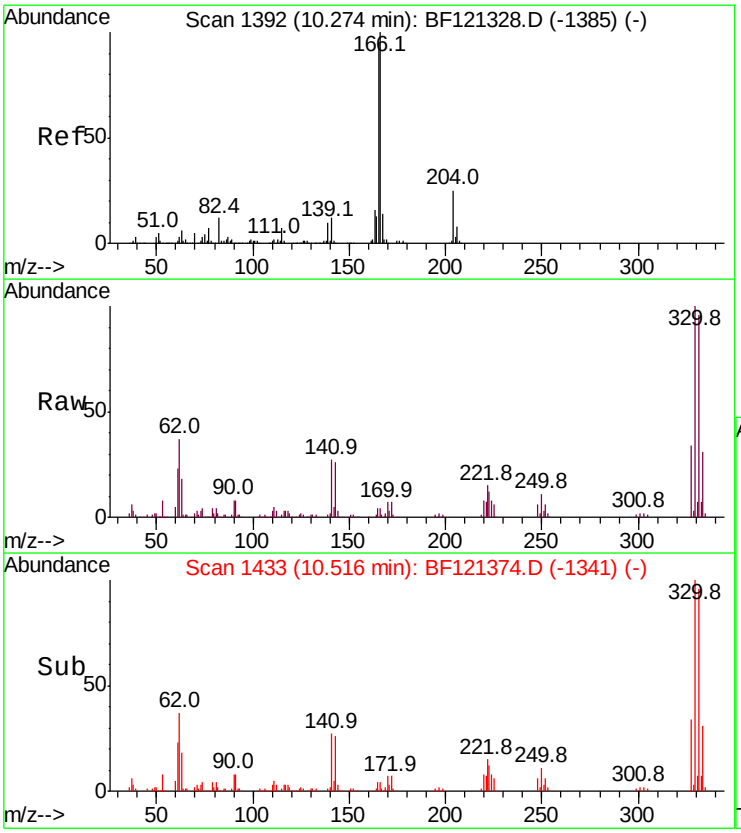
#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:165 Resp: 41209

Ion	Ratio	Lower	Upper
165	100		
63	0.8	37.5	56.3#
89	1.8	54.2	81.4#
182	0.0	2.2	3.4#

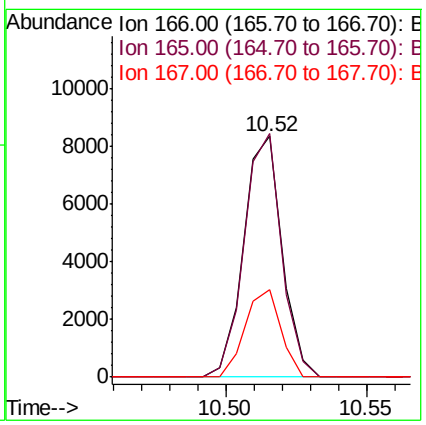


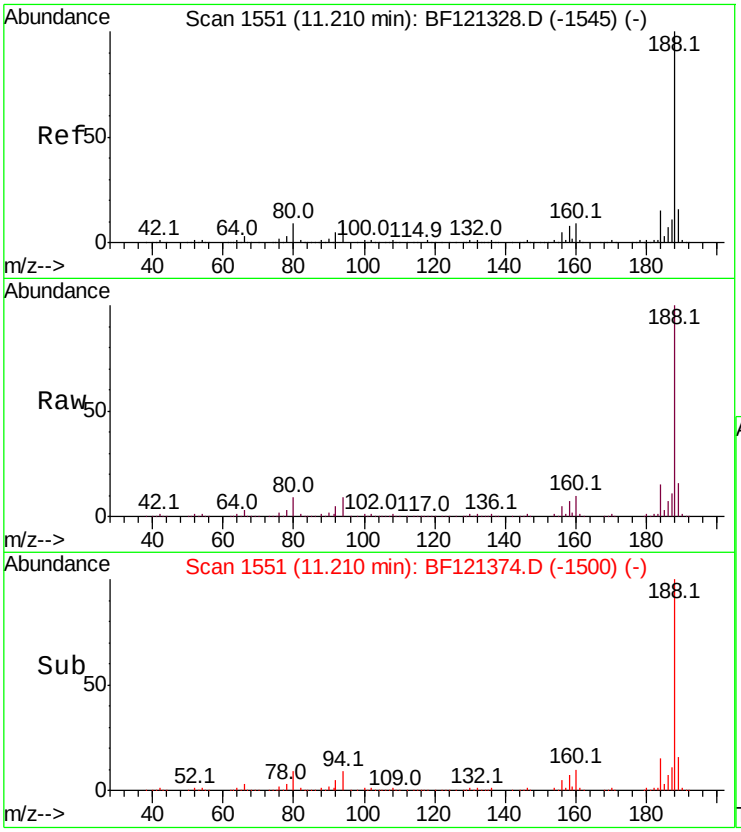


#58
Fluorene
Concen: Below Cal
RT: 10.52 min Scan# 1433
Delta R.T. 0.24 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:166 Resp: 7867

Ion	Ratio	Lower	Upper
166	100		
165	101.2	75.8	113.8
167	36.3	11.0	16.4#



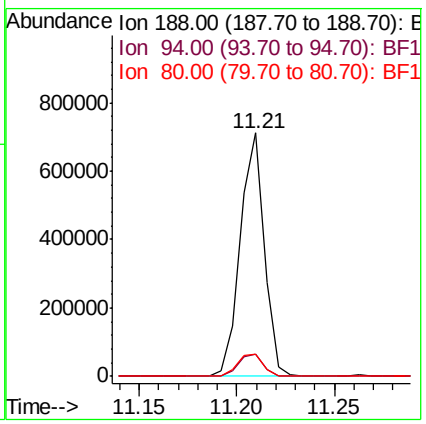


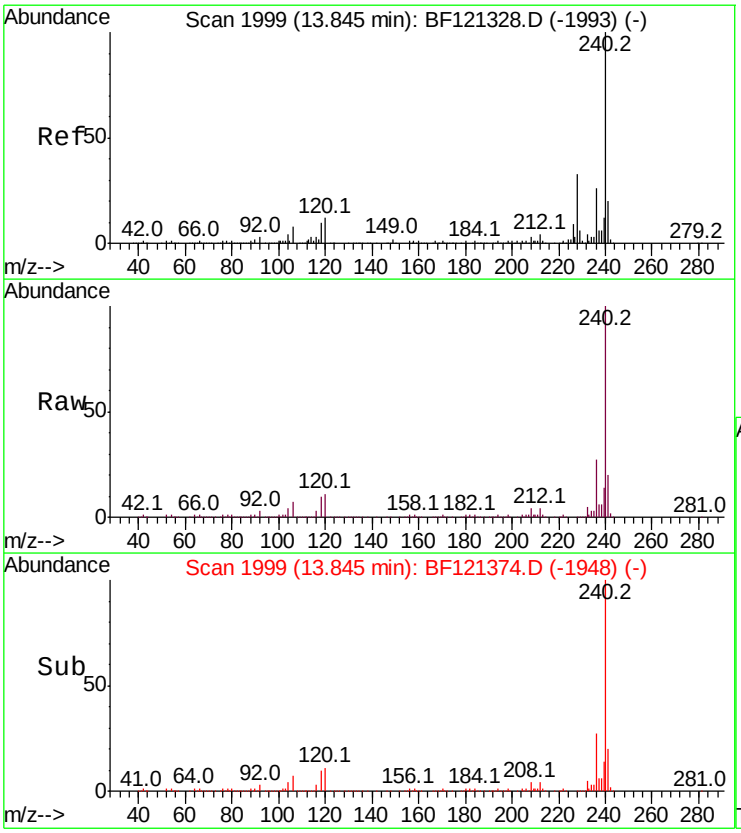
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:188 Resp: 612116

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.1	7.4	11.0

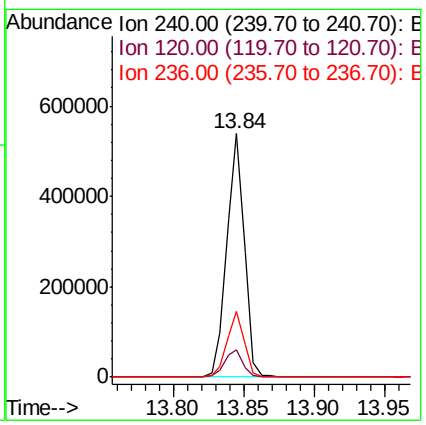


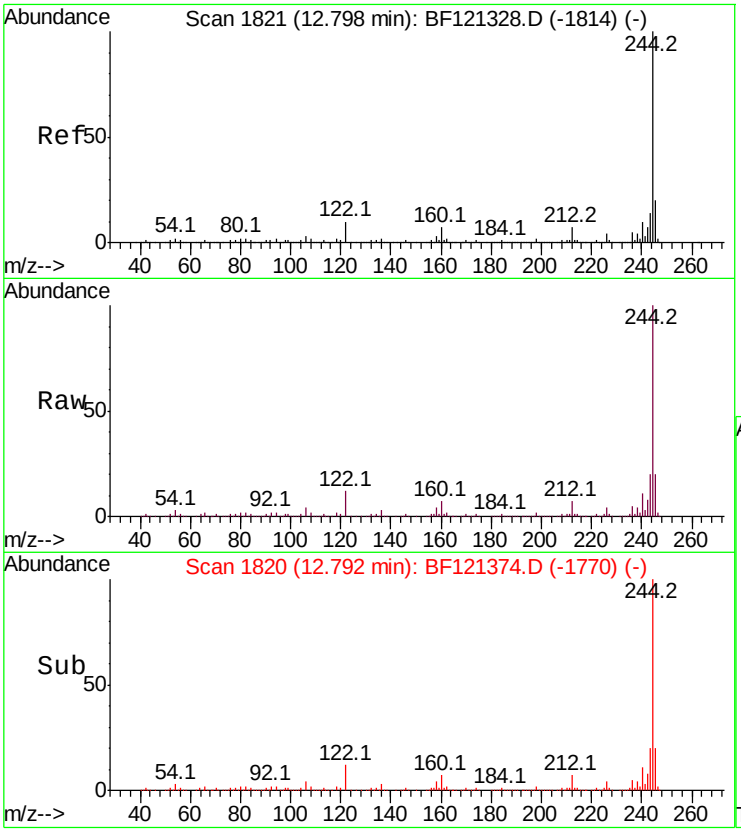


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:240 Resp: 465076

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	27.0	20.6	31.0



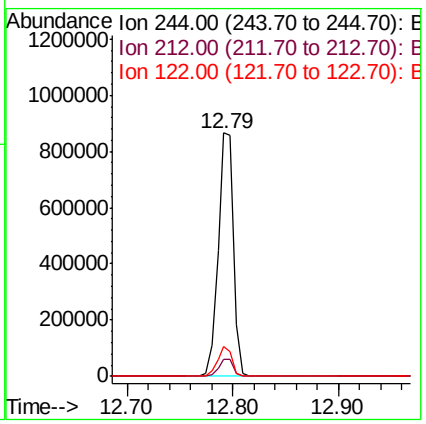


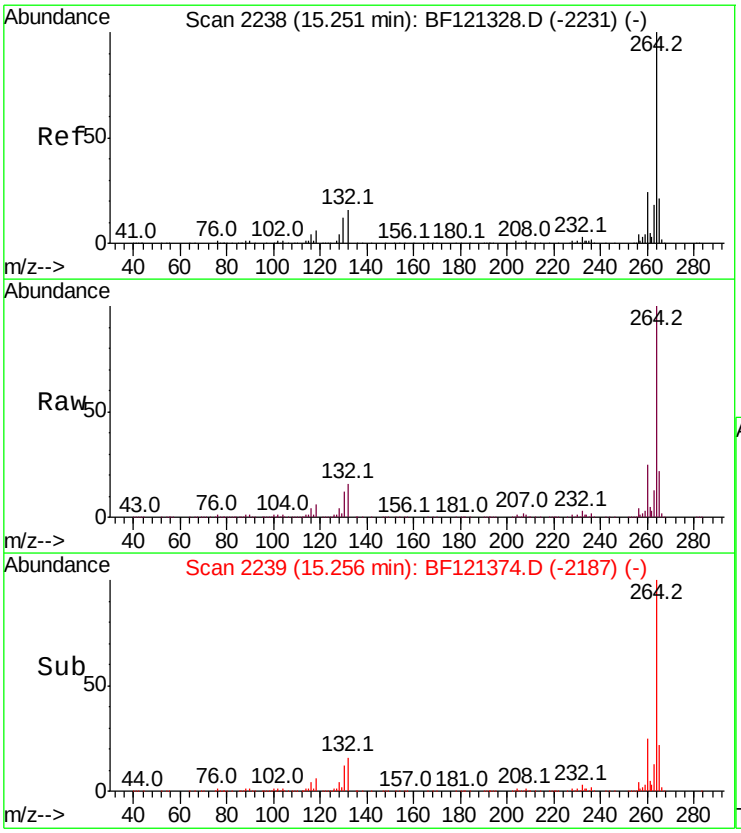
#79
Terphenyl-d14
Concen: 37.011 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tgt Ion:244 Resp: 880837

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	7.8	11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:264 Resp: 393725

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	17.1	25.7