Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120995.D
Acq On : 23 Jul 2020 22:27
Operator : JU/CG
Sample : L3380-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 24 00:51:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155152	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576787	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314834	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	599891	20.00	ng	0.00
76) Chrysene-d12	13.96	240	522082	20.00	ng	-0.01
86) Perylene-d12	15.41	264	470894	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1065658	112.60	ng	0.01
7) Phenol-d6	6.45	99	1151705	94.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	890973	89.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	466663	135.41	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1704249	80.82	ng	0.00
79) Terphenyl-d14	12.92	244	1770012	73.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	1594	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	117992	16.973	ng	# 78
25) Isophorone	7.37	82	890965	44.785	ng	# 63
50) Dimethylphthalate	9.56	163	264747	11.656	ng	99
57) 2,4-Dinitrotoluene	9.85	165	39503	6.165	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	854	4.069	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	26109	3.904	ng	# 1

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

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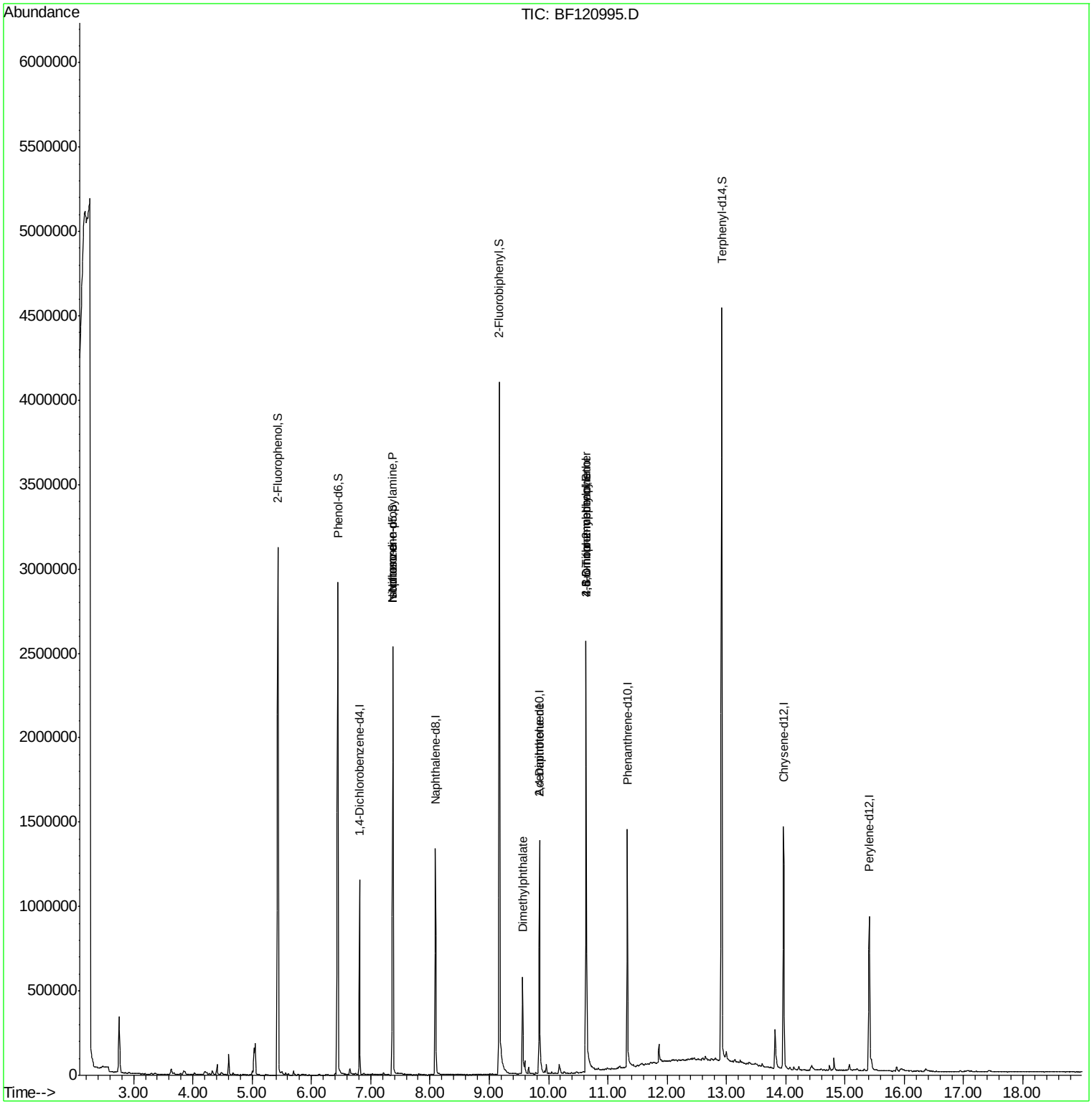
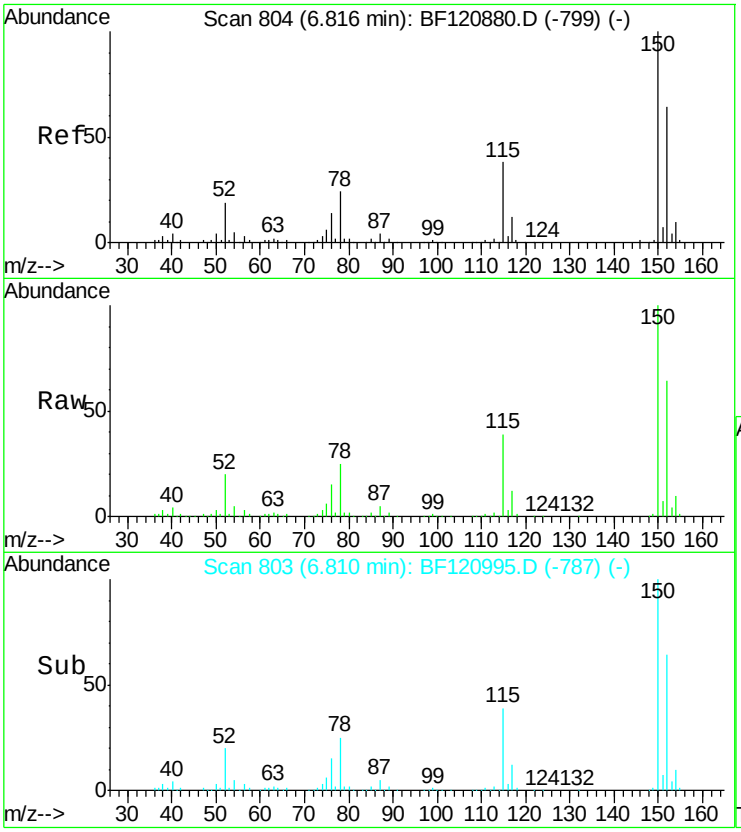
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



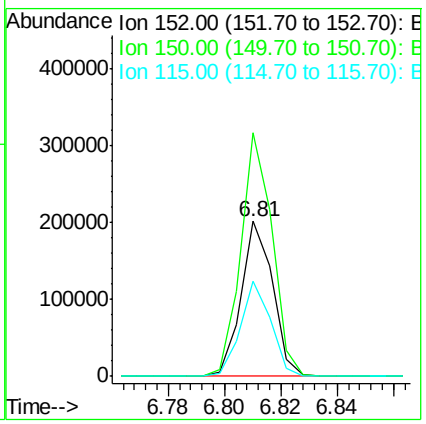


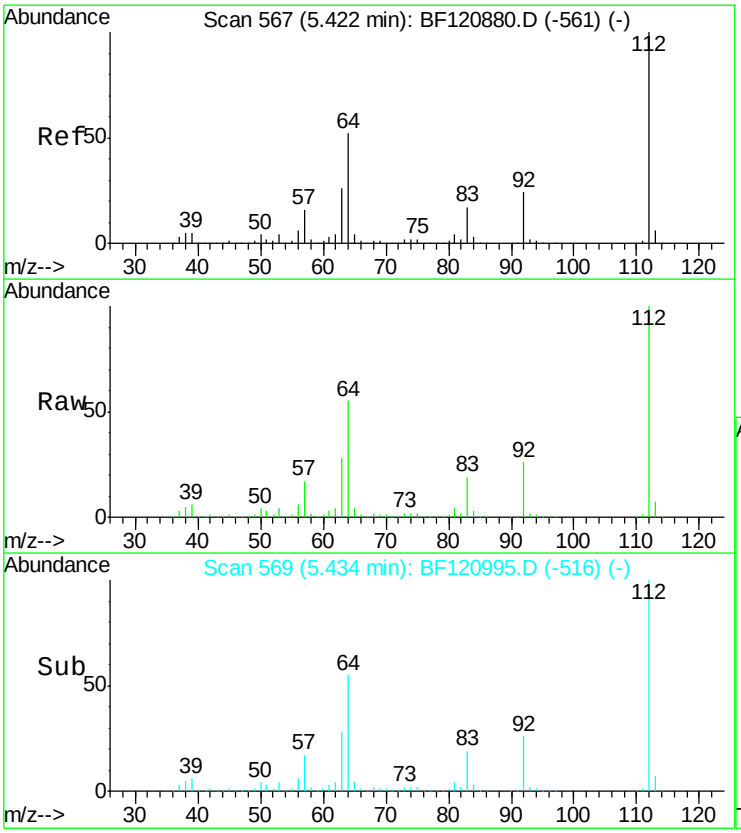
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155152

Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.0	187.6
115	61.2	47.0	70.4

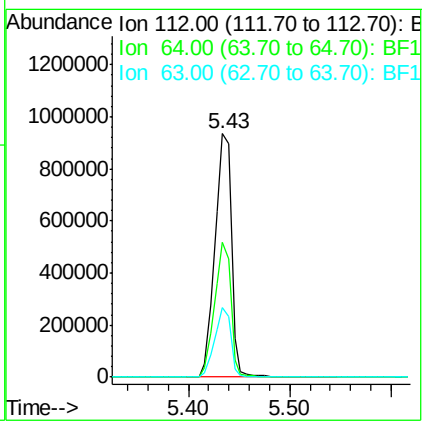


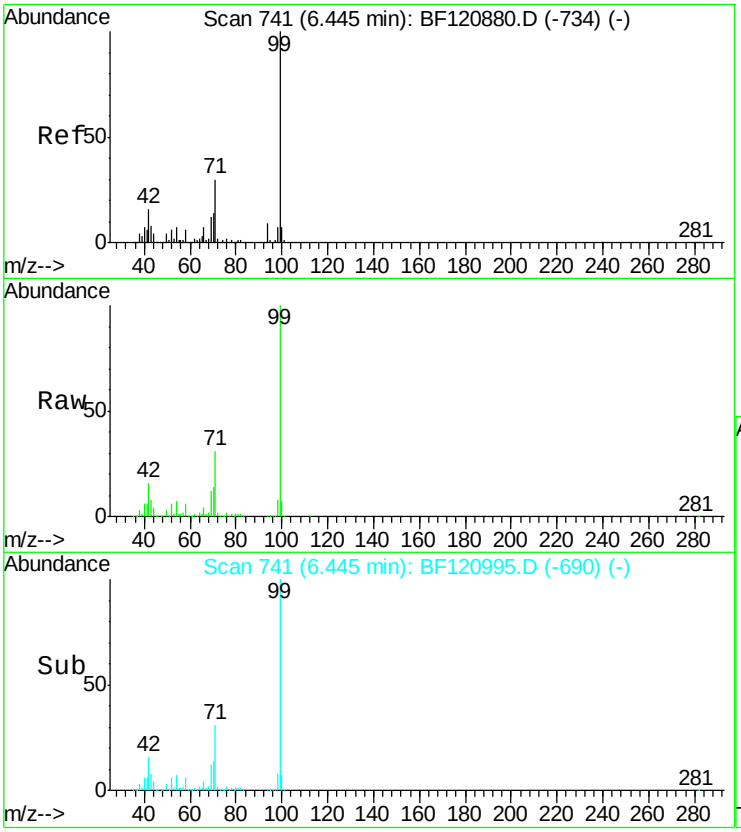


#5
2-Fluorophenol
Concen: 112.599 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:112 Resp: 1065658

Ion	Ratio	Lower	Upper
112	100		
64	55.4	41.3	61.9
63	28.4	21.1	31.7



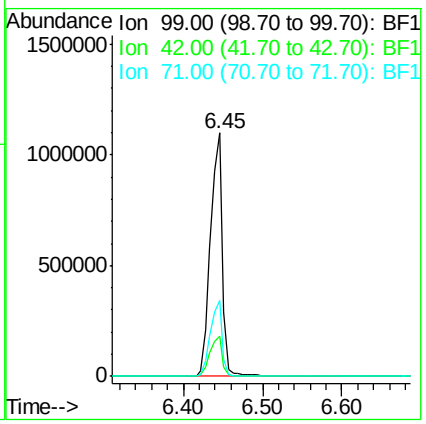


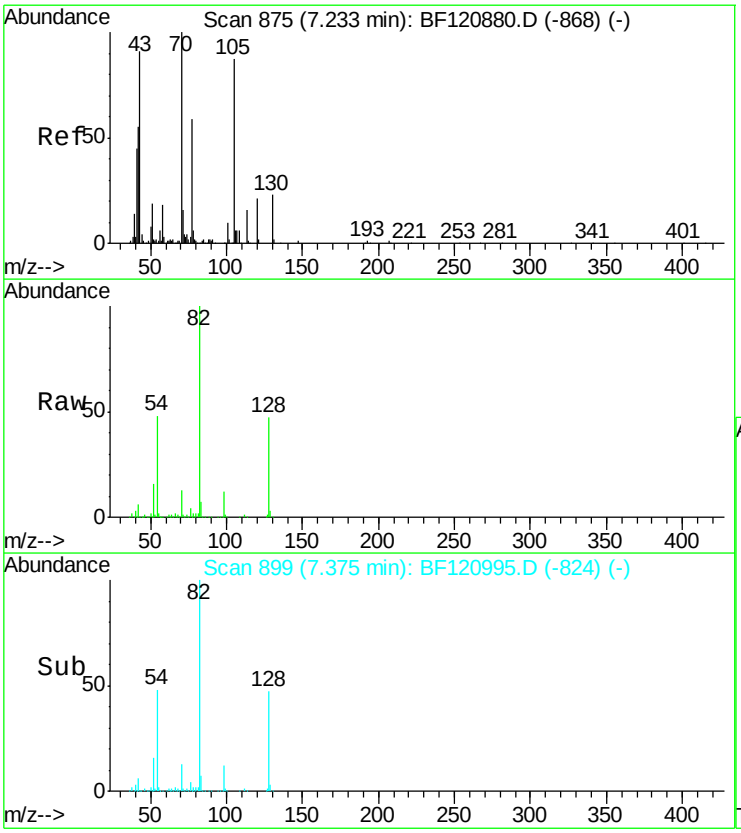
#7
Phenol-d6
Concen: 94.206 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1151705

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.1	19.7
71	31.1	24.2	36.4

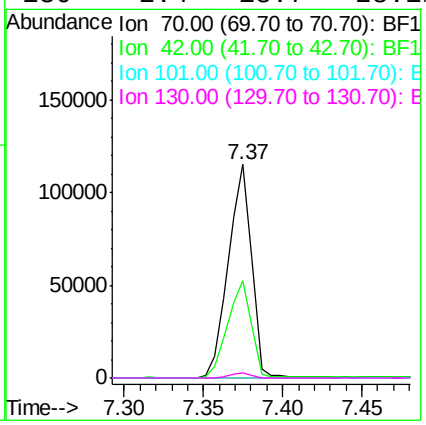


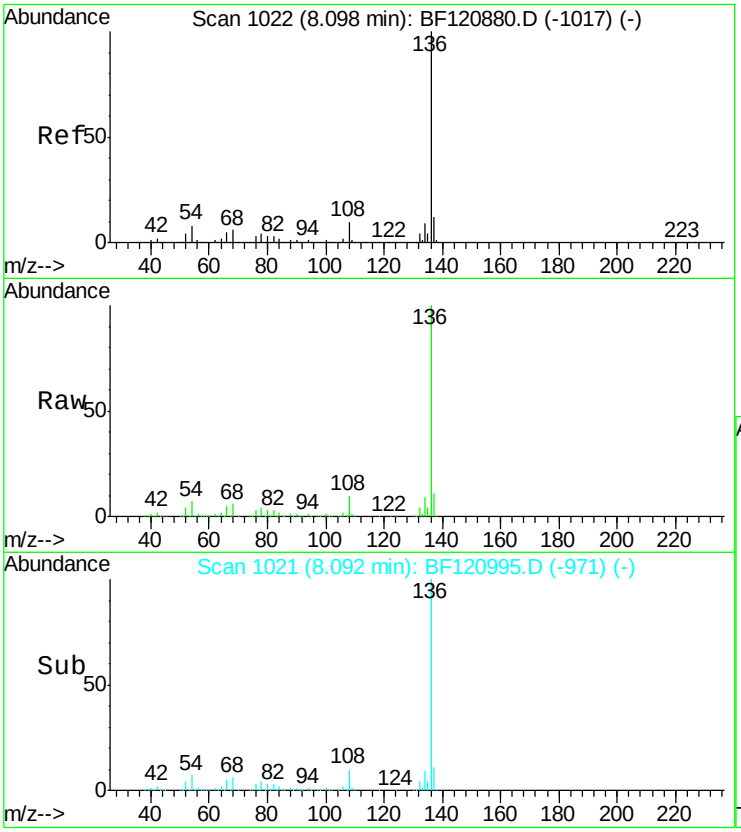


#19
n-Nitroso-di-n-propylamine
Concen: 16.973 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion: 70 Resp: 117992

Ion	Ratio	Lower	Upper
70	100		
42	45.8	44.0	66.0
101	0.0	7.8	11.6#
130	2.4	18.7	28.1#



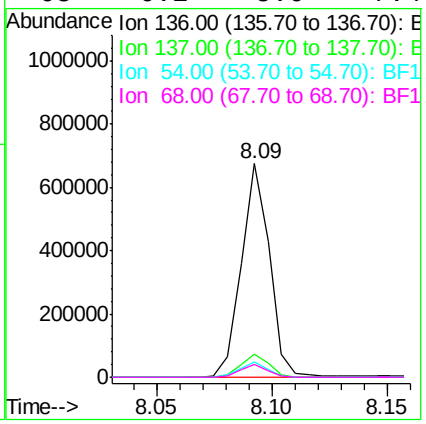


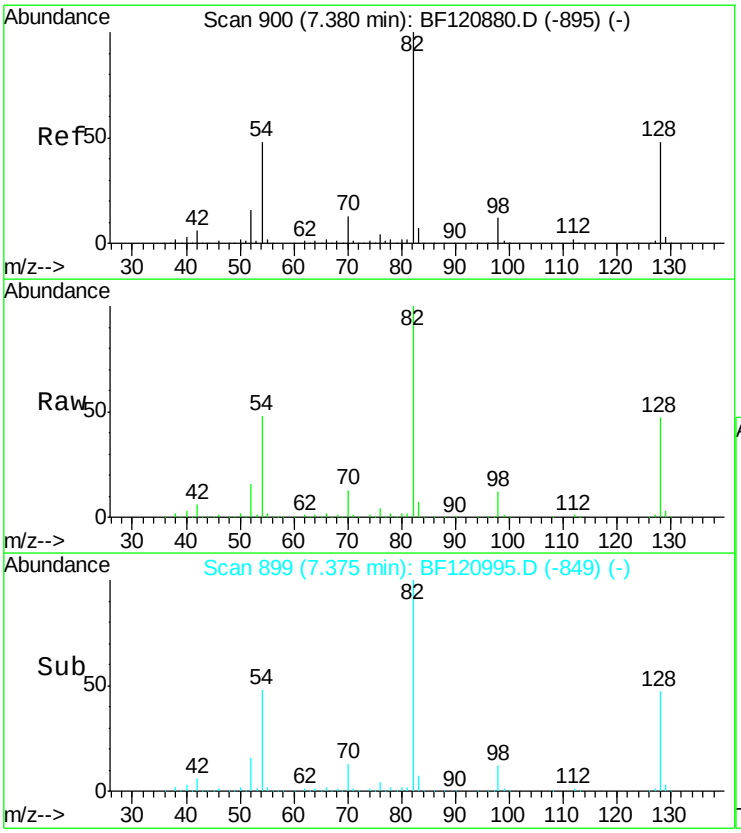
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 576787

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.4	6.3	9.5
68	6.2	5.0	7.4

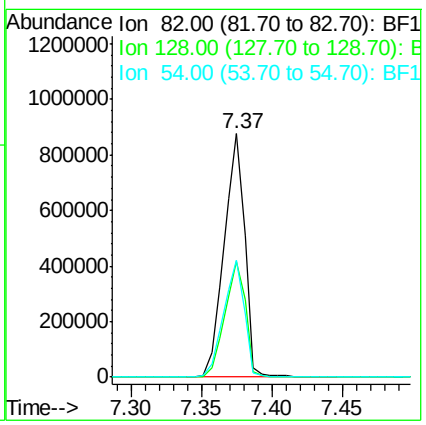


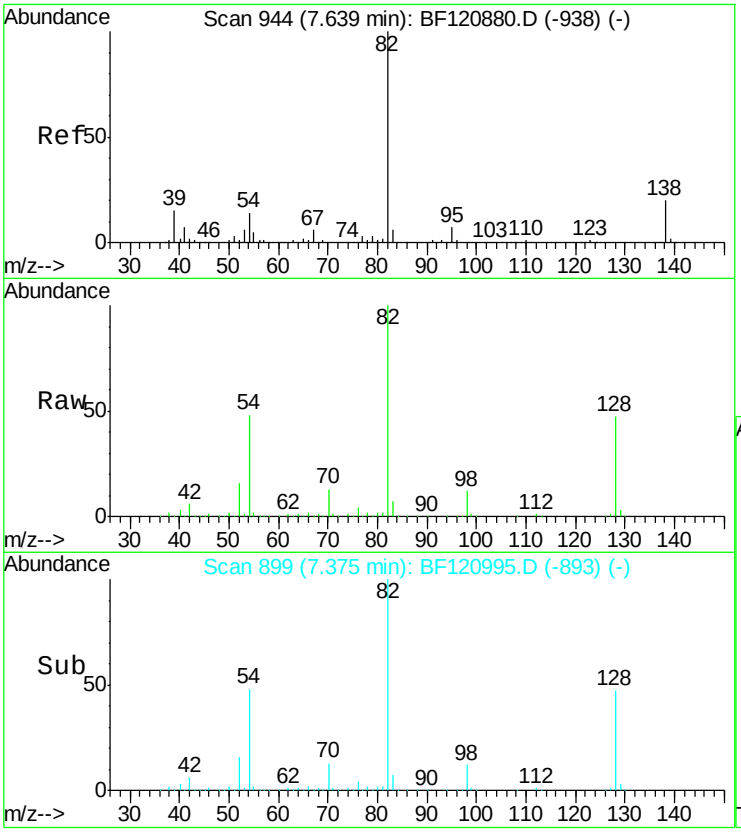


#23
Nitrobenzene-d5
Concen: 89.382 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion: 82 Resp: 890973

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.2	57.4
54	48.2	38.7	58.1



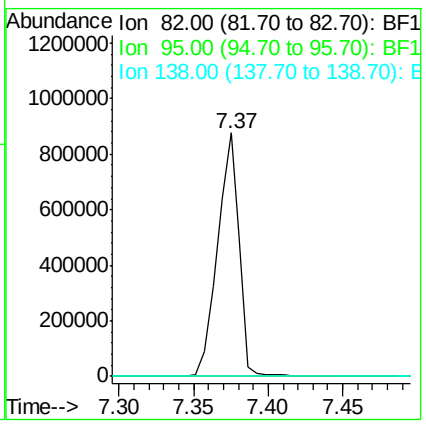


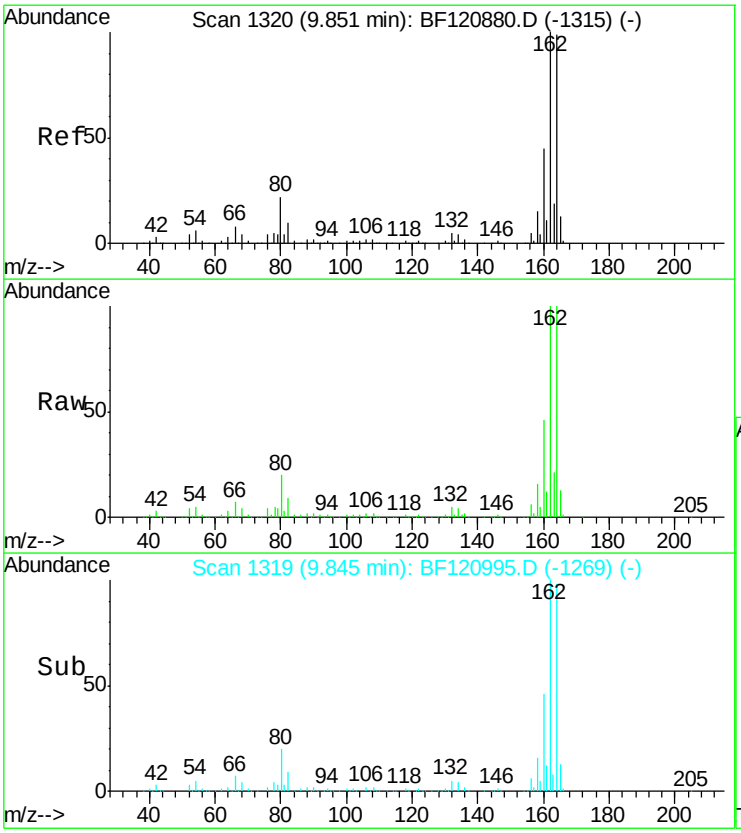
#25
Isophorone
Concen: 44.785 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 890965

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.6	23.4#

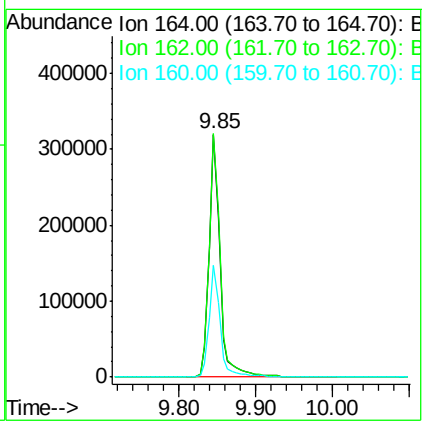


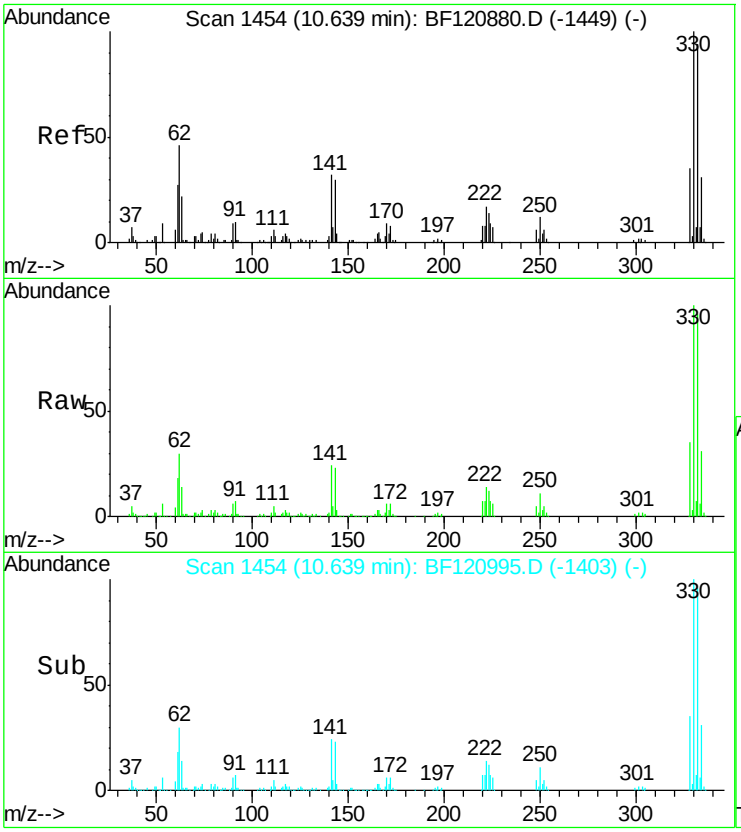


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:164 Resp: 314834

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.2	121.8
160	46.0	36.9	55.3



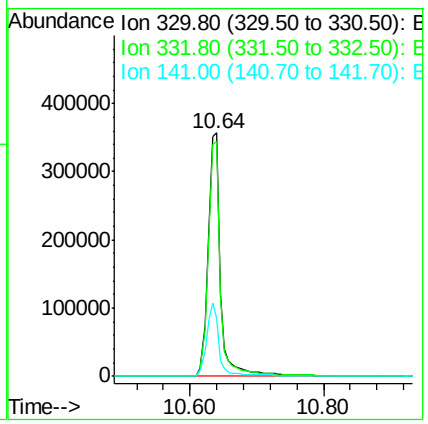


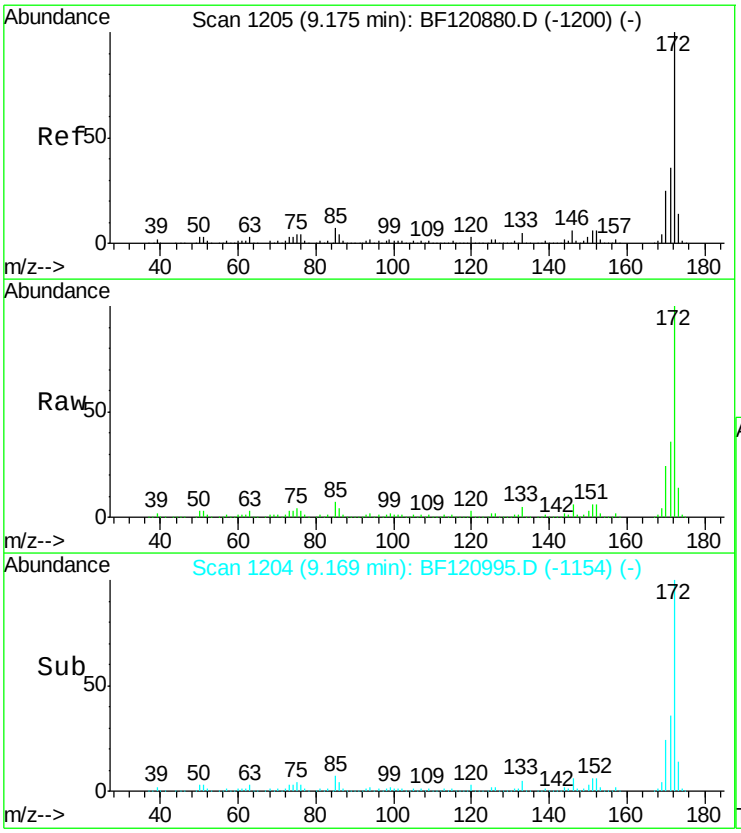
#42
2,4,6-Tribromophenol
Concen: 135.415 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 466663

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.5	113.3
141	30.8	25.7	38.5

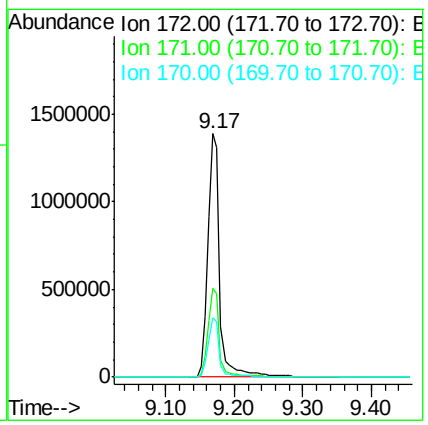


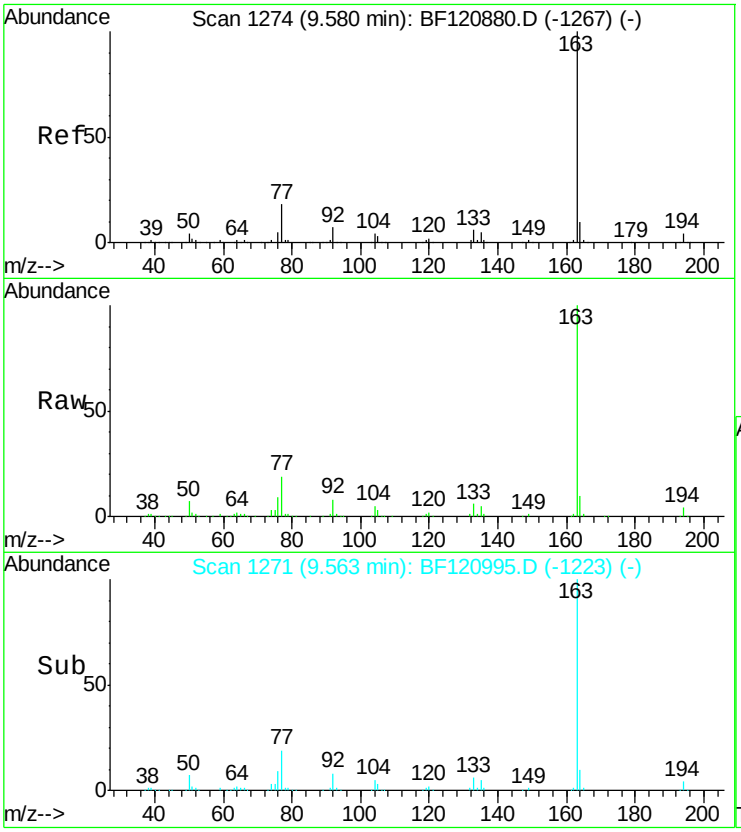


#45
2-Fluorobiphenyl
Concen: 80.821 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:172 Resp: 1704249

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	19.6	29.4



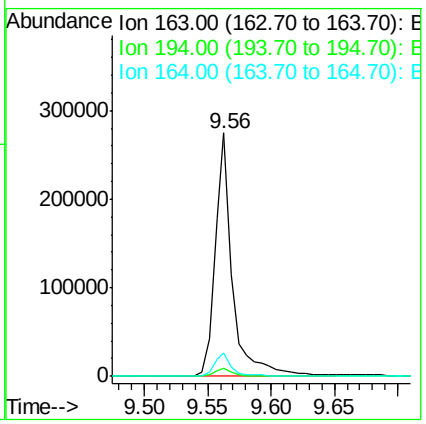


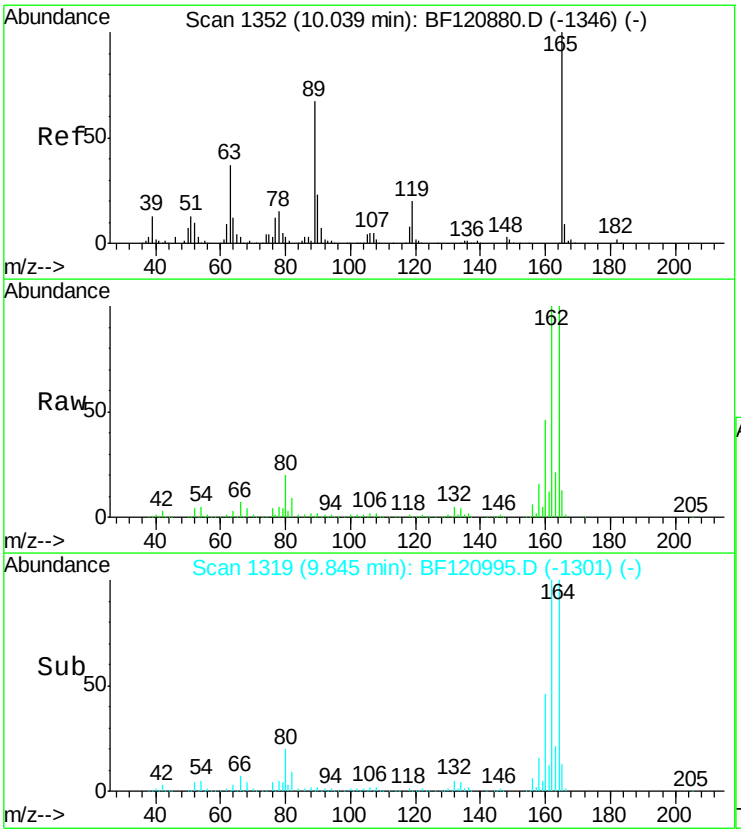
#50
Dimethylphthalate
Concen: 11.656 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 264747

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.7	7.9	11.9

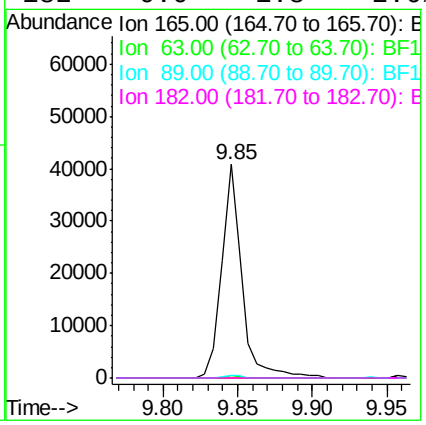


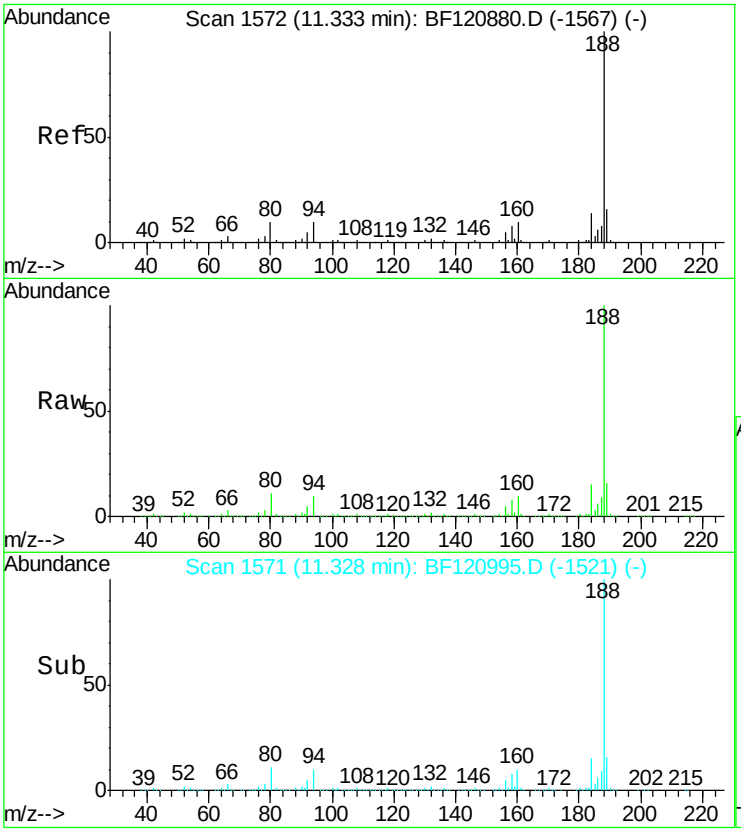


#57
2,4-Dinitrotoluene
Concen: 6.165 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:165 Resp: 39503

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.3	53.4	80.0#
182	0.0	1.8	2.6#



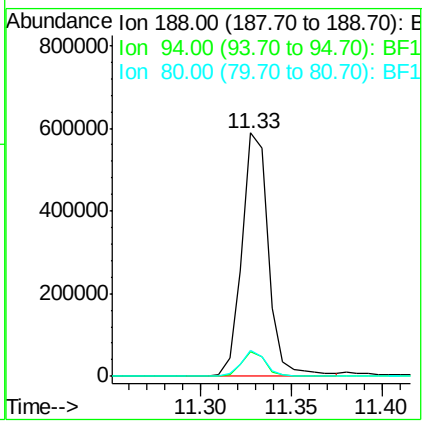


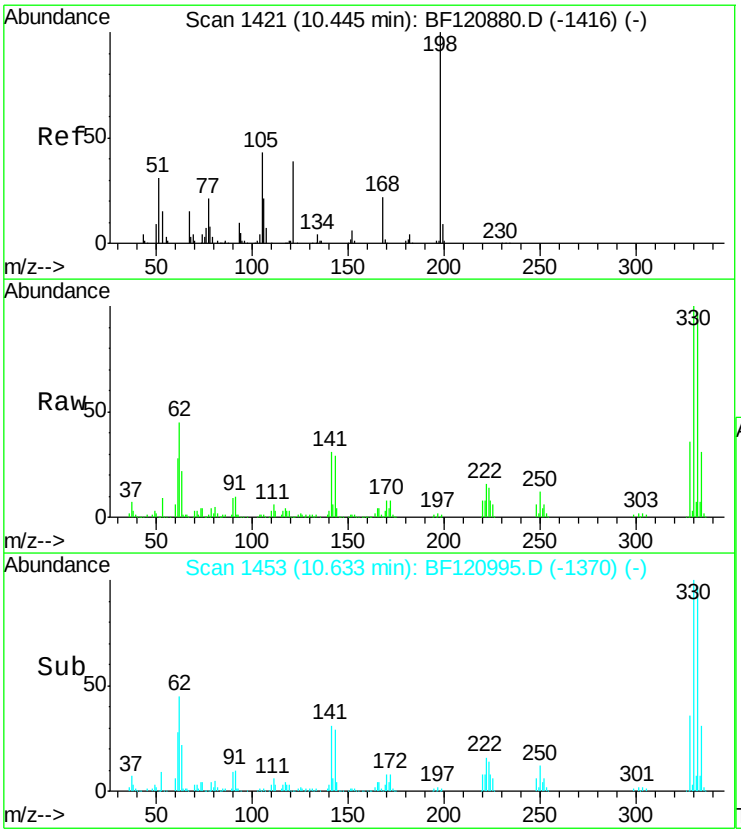
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 599891

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.5	8.3	12.5

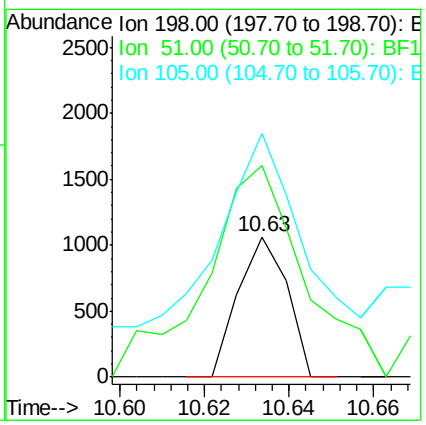


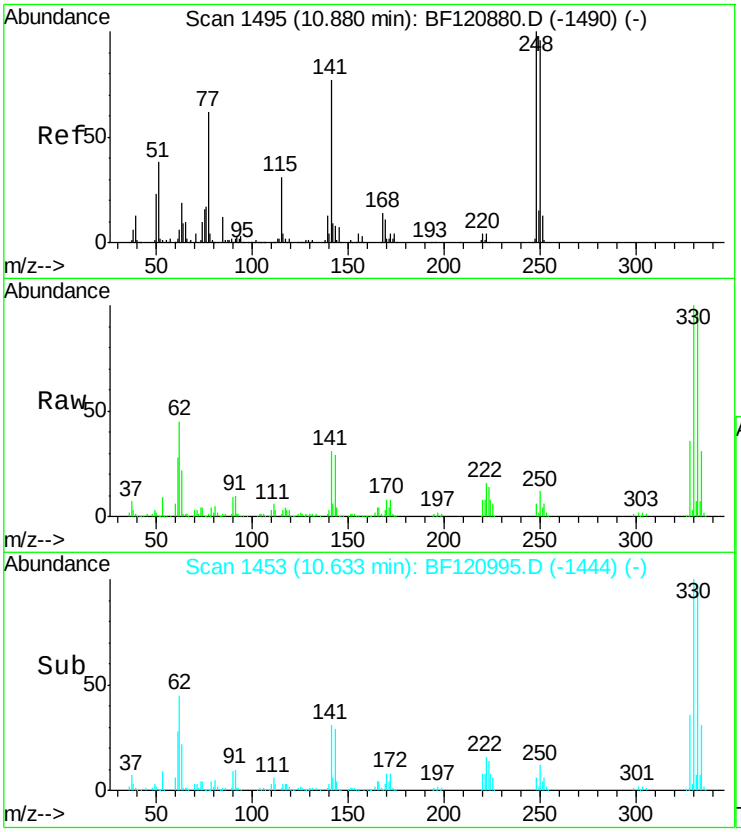


#65
4,6-Dinitro-2-methylphenol
Concen: 4.069 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:198 Resp: 854

Ion	Ratio	Lower	Upper
198	100		
51	150.8	19.5	59.5#
105	173.8	24.4	64.4#



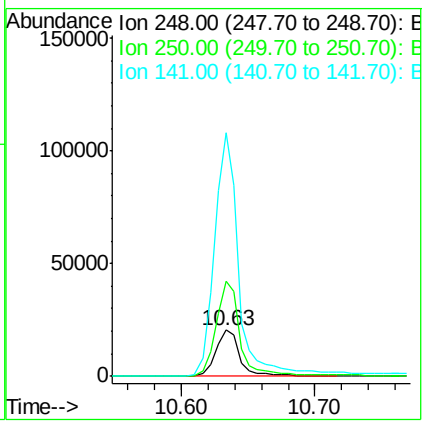


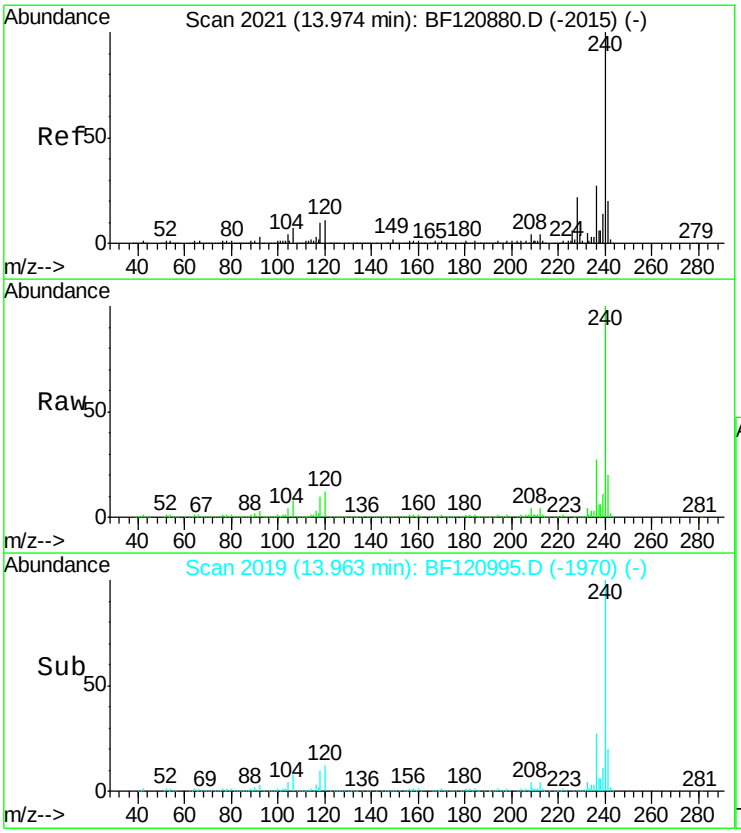
#67
4-Bromophenyl-phenylether
Concen: 3.904 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 26109

Ion	Ratio	Lower	Upper
248	100		
250	205.8	77.1	115.7#
141	528.0	61.2	91.8#

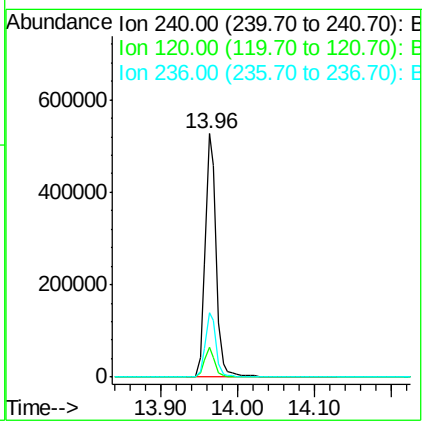


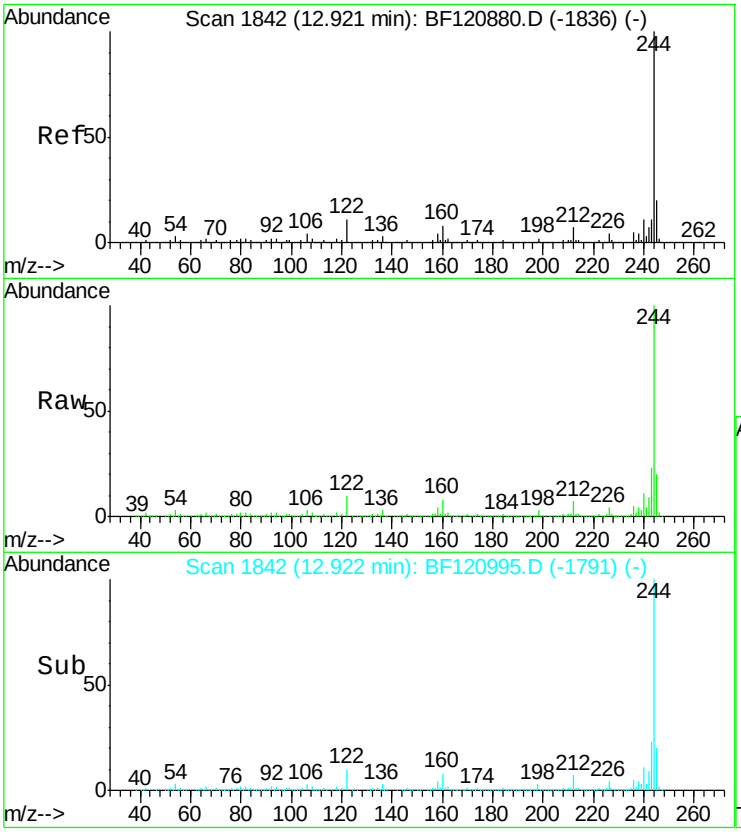


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:240 Resp: 522082

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.4
236	26.5	21.7	32.5



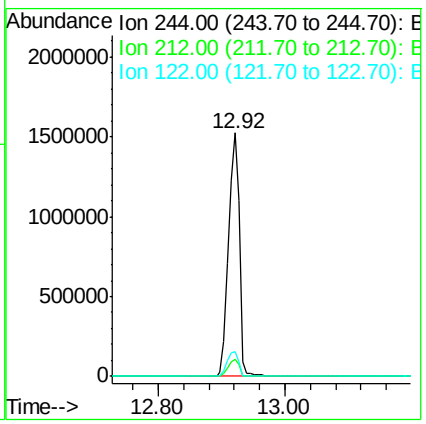


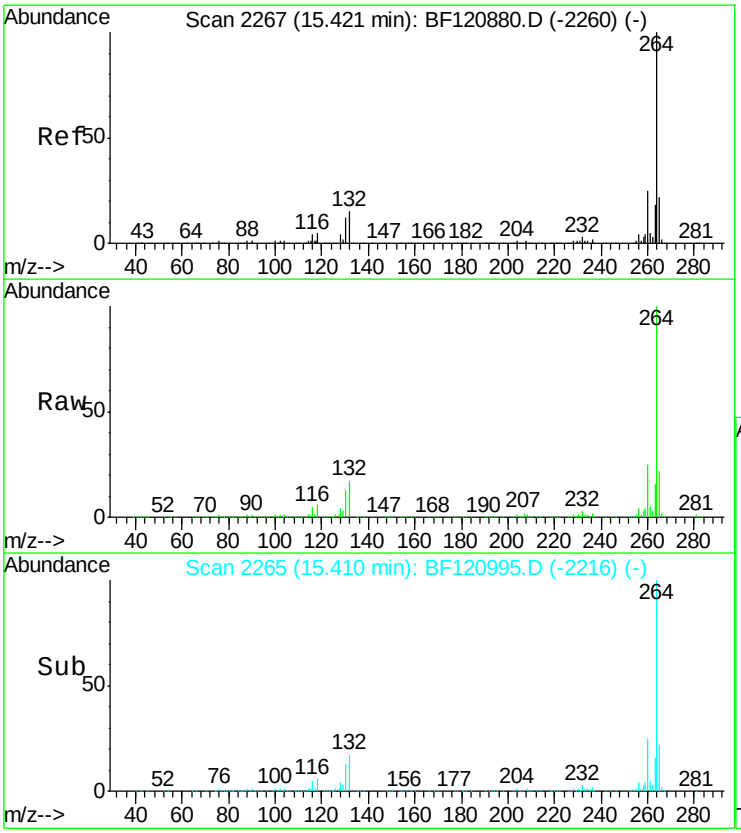
#79
Terphenyl-d14
Concen: 73.698 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1770012

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.1	8.9	13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:264 Resp: 470894

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.9	17.4	26.2