

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114701.D
 Acq On : 31 May 2019 12:00
 Operator : HP/JU
 Sample : PB120137BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BL

Quant Time: Jun 01 00:20:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	450544	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1766477	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	921963	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1759401	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1184472	20.00	ng	0.00
87) Perylene-d12	15.22	264	1003154	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2777419	108.23	ng	0.02
7) Phenol-d6	6.34	99	3394775	109.78	ng	0.01
23) Nitrobenzene-d5	7.26	82	2222238	78.49	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	1063349	121.04	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3964858	79.81	ng	0.00
79) Terphenyl-d14	12.79	244	4088347	64.90	ng	0.00

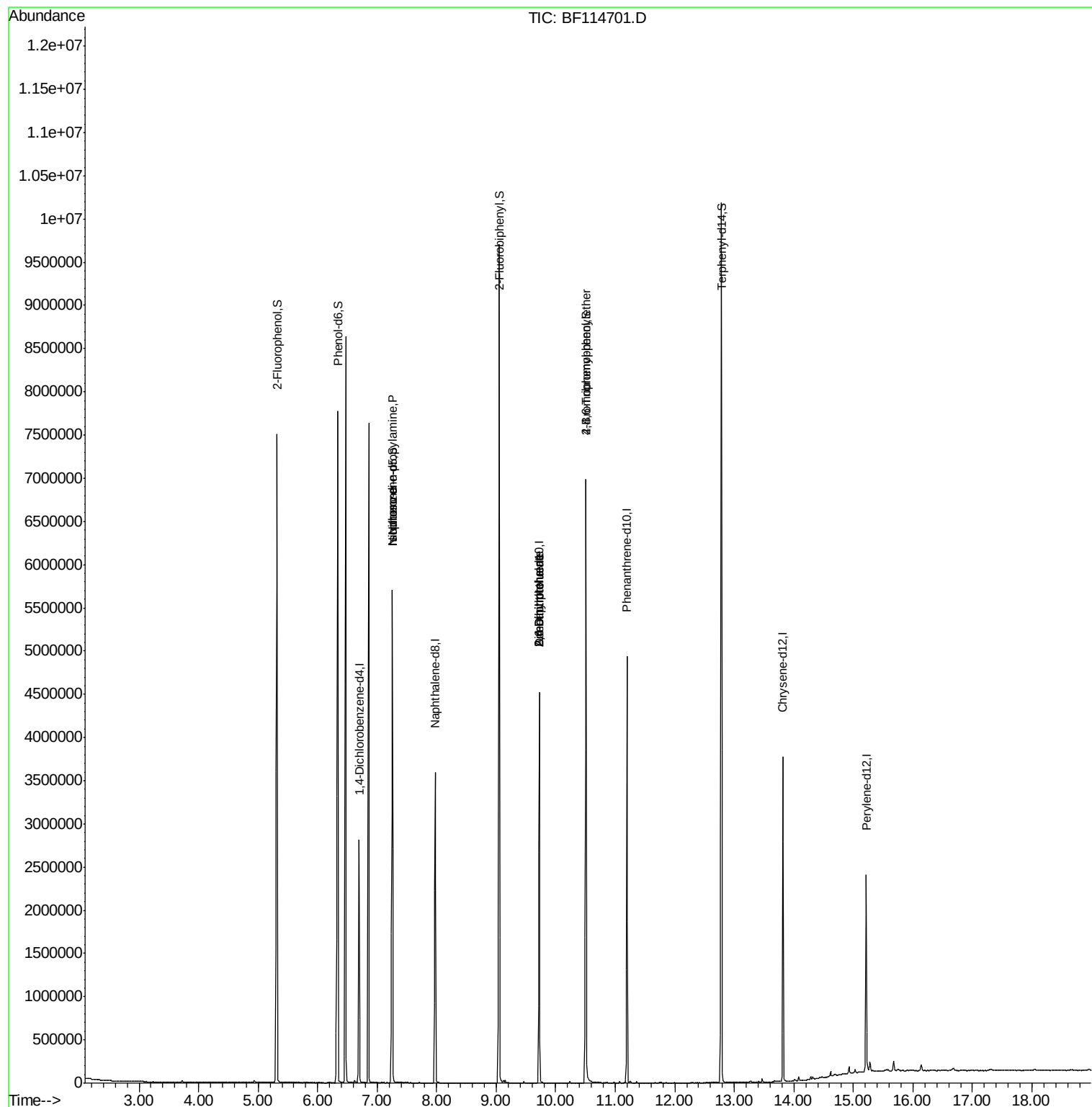
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	65264	Below Cal		82
19) n-Nitroso-di-n-propylamine	7.26	70	303920	14.239 ng	#	75
25) Isophorone	7.26	82	2138217	37.630 ng	#	63
50) Dimethylphthalate	9.72	163	263360	4.099 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	119791	8.025 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	119791	6.253 ng	#	23
58) Fluorene	10.51	166	45360	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.51	248	68894	3.652 ng	#	1
74) Di-n-butylphthalate	11.77	149	1933	Below Cal	#	76

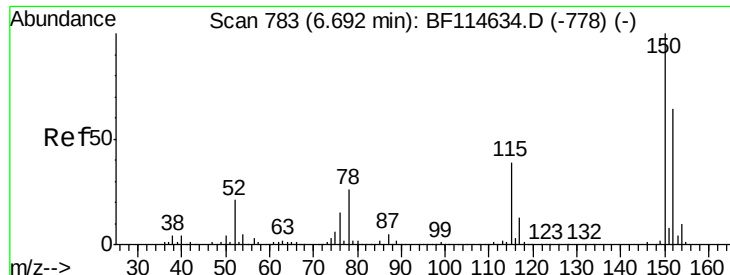
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114701.D
Acq On : 31 May 2019 12:00
Operator : HP/JU
Sample : PB120137BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120137BL

Quant Time: Jun 01 00:20:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



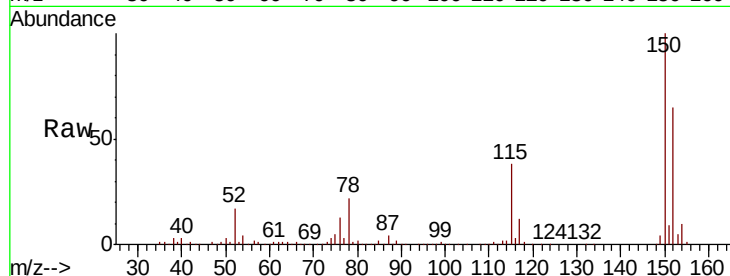


#1

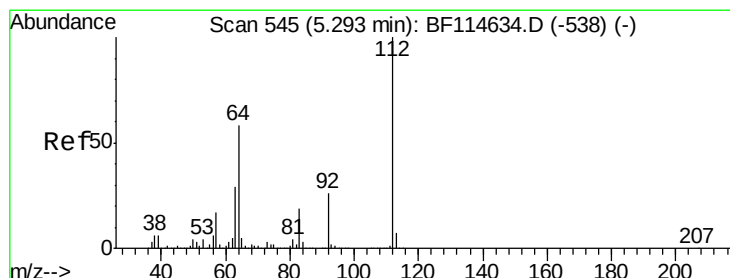
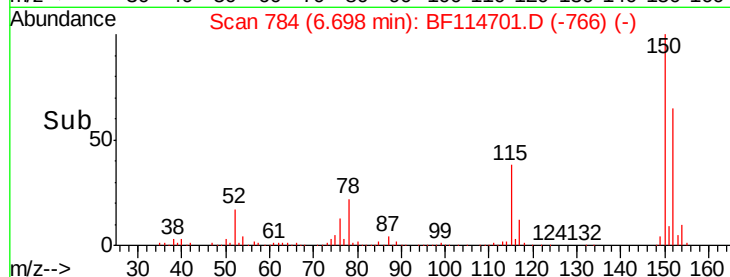
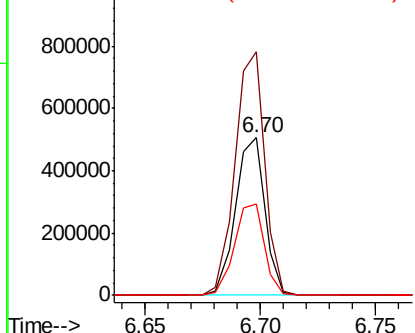
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
PB120137BL

Tgt Ion:152 Resp: 450544
Ion Ratio Lower Upper
152 100
150 154.8 124.4 186.6
115 58.3 48.7 73.1



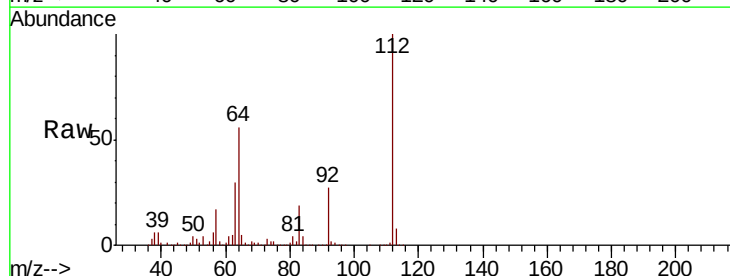
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



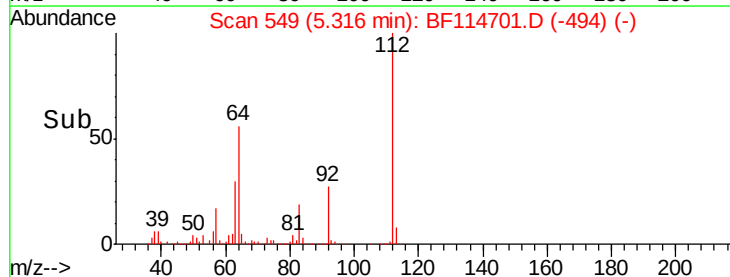
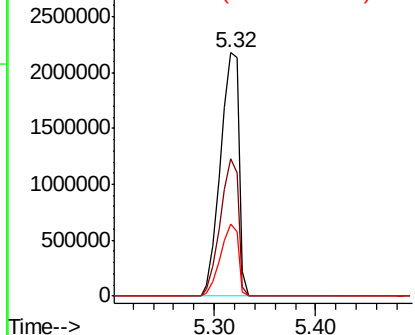
#5

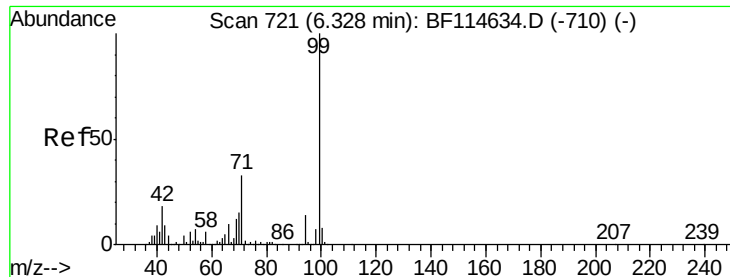
2-Fluorophenol
Concen: 108.232 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Tgt Ion:112 Resp: 2777419
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 29.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.781 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB120137BL

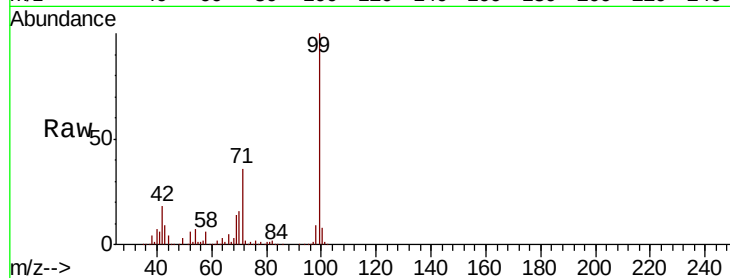
Tgt Ion: 99 Resp: 3394775

Ion Ratio Lower Upper

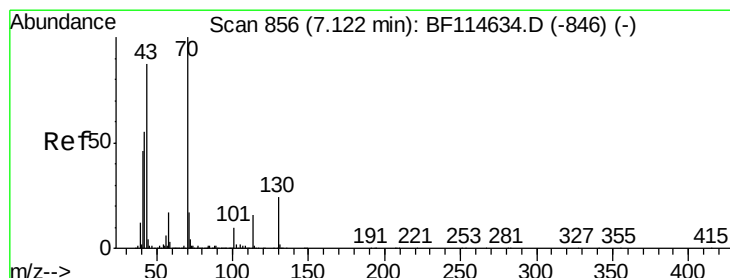
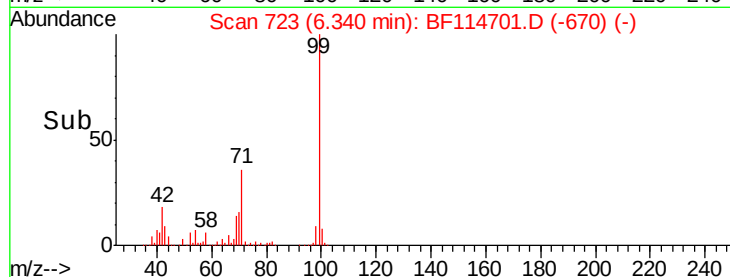
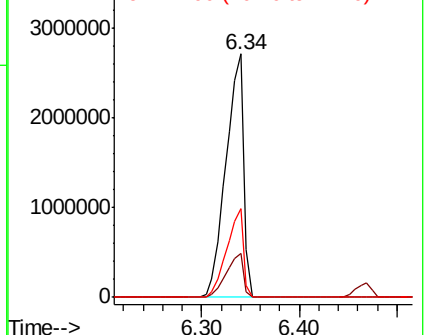
99 100

42 18.1 14.7 22.1

71 36.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.239 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Tgt Ion: 70 Resp: 303920

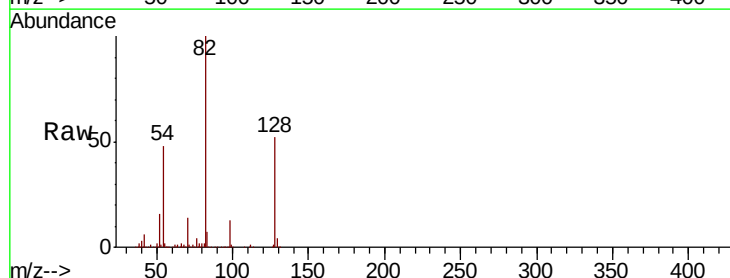
Ion Ratio Lower Upper

70 100

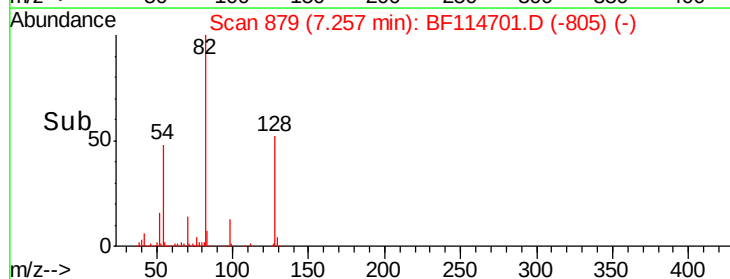
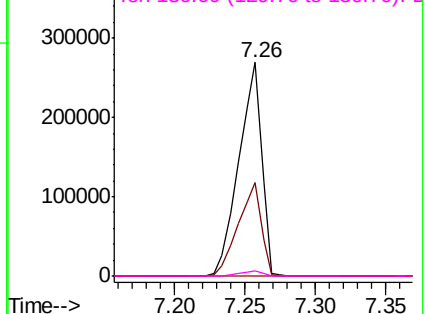
42 44.0 44.4 66.6#

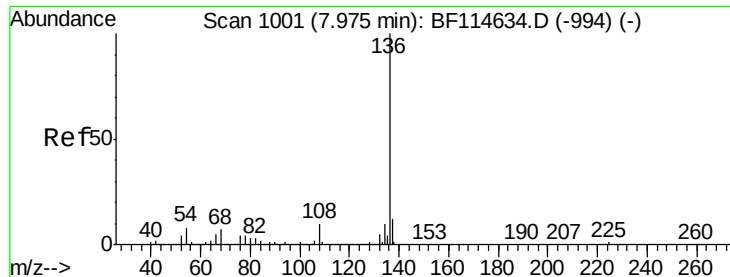
101 0.0 8.2 12.4#

130 2.4 19.4 29.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

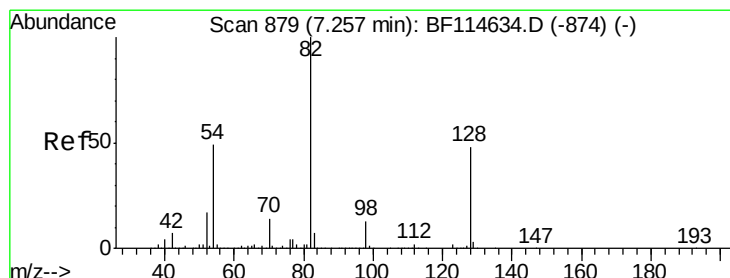
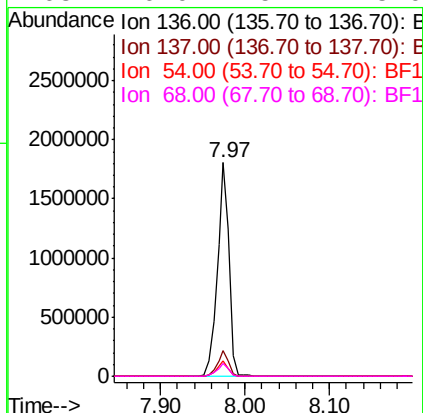
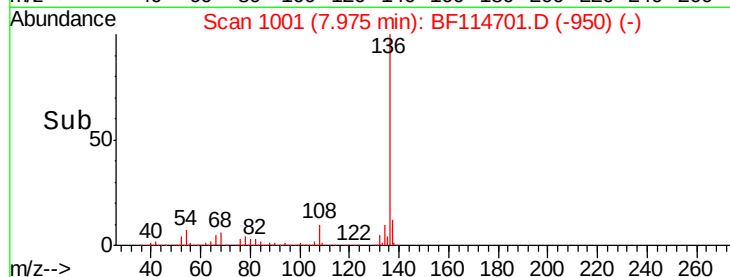
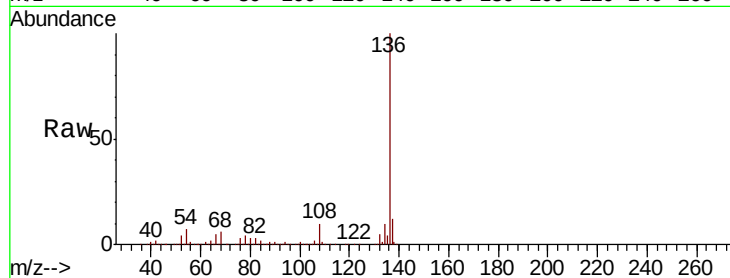




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

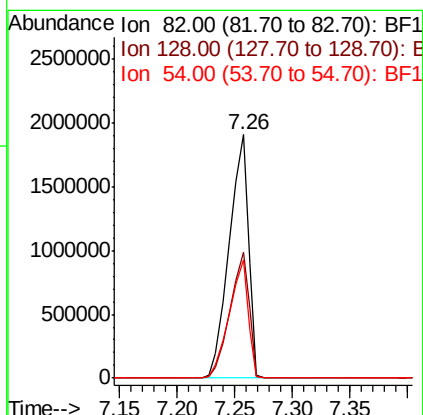
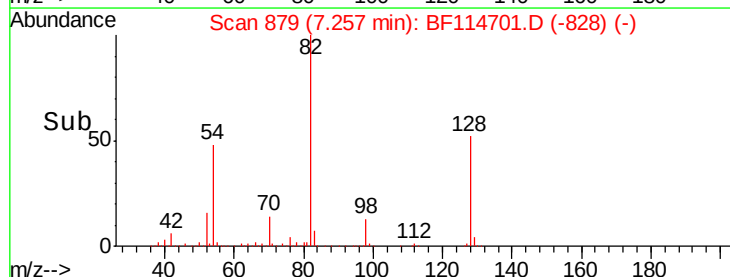
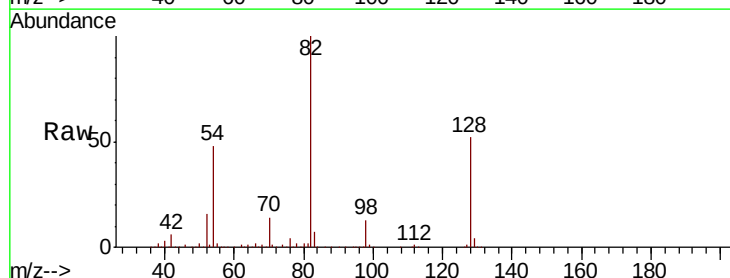
Instrument :
BNA_F
ClientSampleId :
PB120137BL

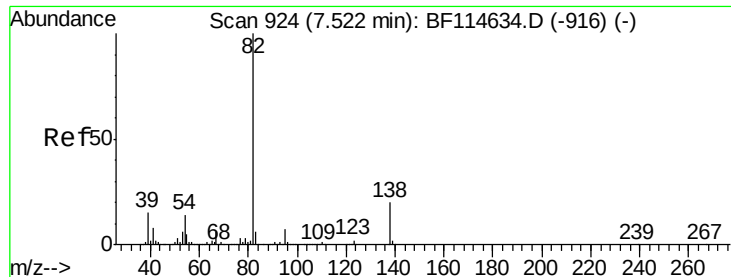
Tgt Ion:	136	Resp:	1766477
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	7.1	6.3	9.5
68	6.0	5.4	8.0



#23
Nitrobenzene-d5
Concen: 78.486 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Tgt Ion:	82	Resp:	2222238
Ion	Ratio	Lower	Upper
82	100		
128	51.6	38.5	57.7
54	48.5	39.1	58.7





#25

Isophorone

Concen: 37.630 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB120137BL

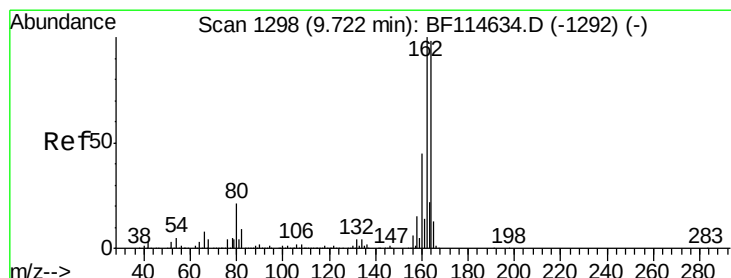
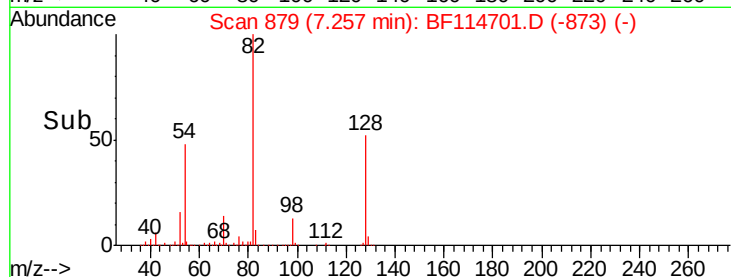
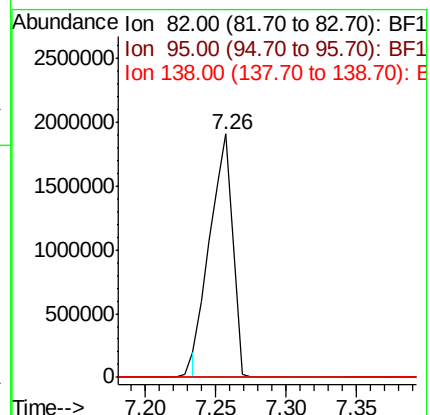
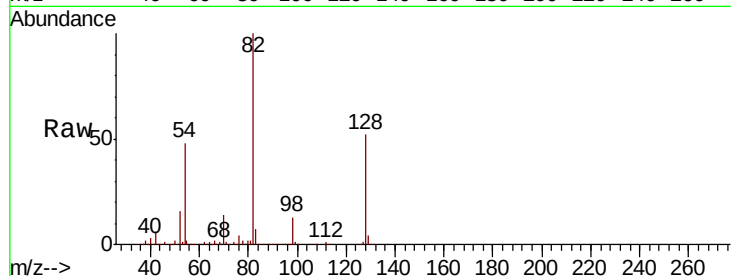
Tgt Ion: 82 Resp: 2138217

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.9 23.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

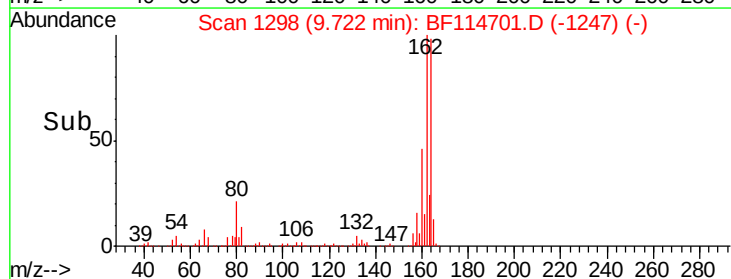
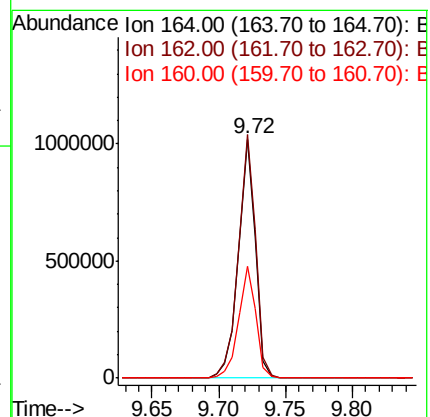
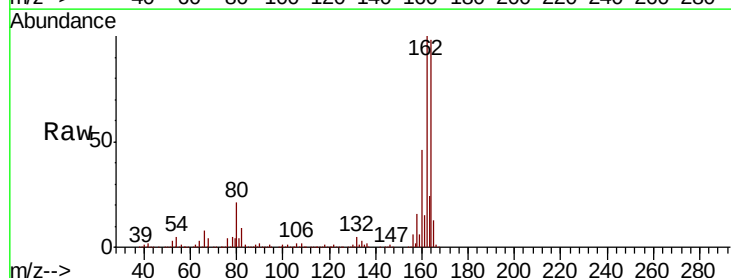
Tgt Ion: 164 Resp: 921963

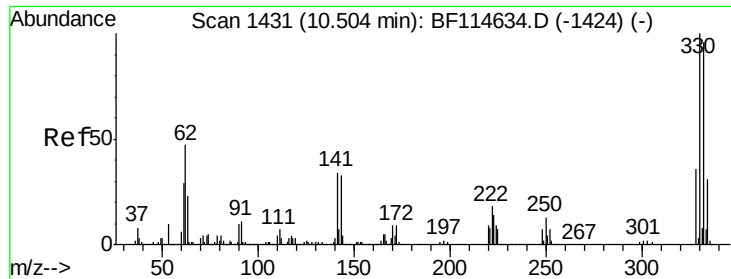
Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.2

160 46.8 36.6 54.8

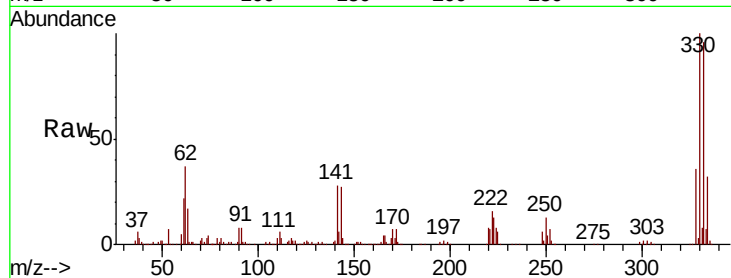




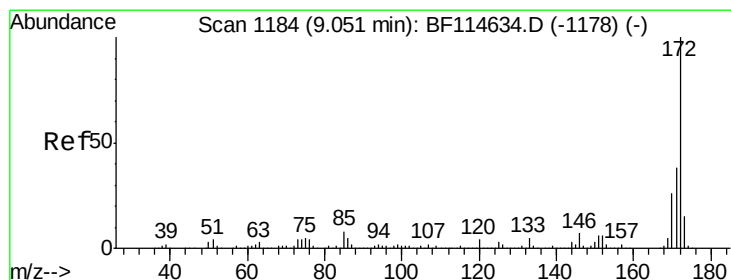
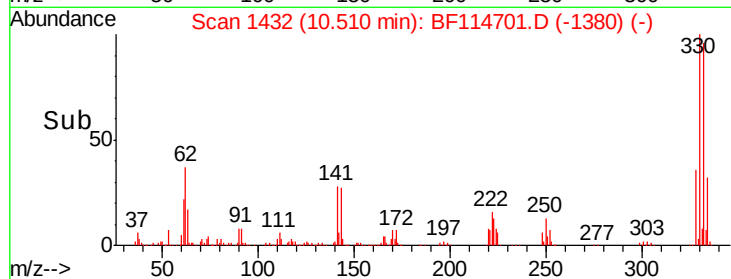
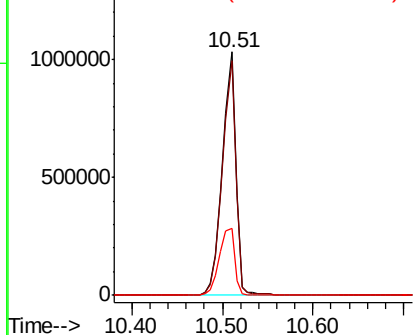
#42
 2,4,6-Tribromophenol
 Concen: 121.043 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BL

Tgt Ion:330 Resp: 1063349
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.8 113.8
 141 31.7 27.8 41.8

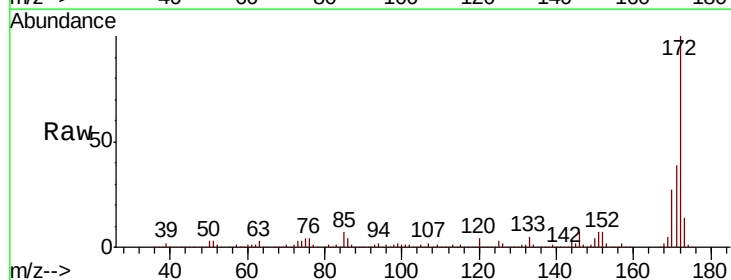


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

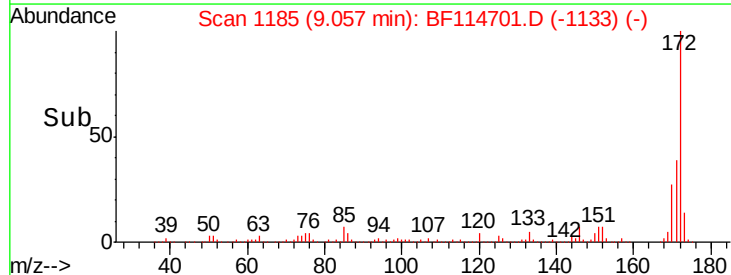
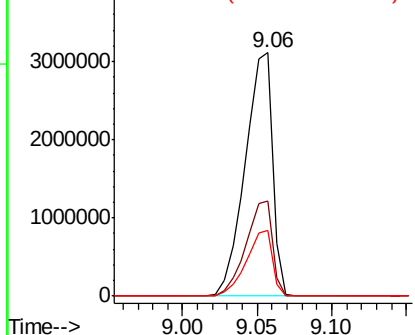


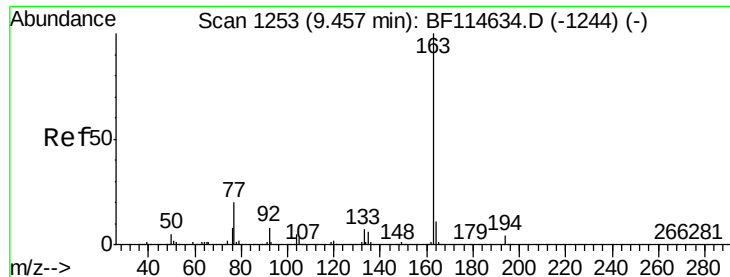
#45
 2-Fluorobiphenyl
 Concen: 79.805 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Tgt Ion:172 Resp: 3964858
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.6 45.8
 170 26.9 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.099 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

PB120137BL

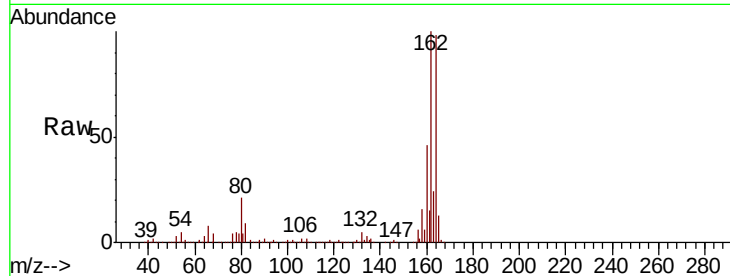
Tgt Ion:163 Resp: 263360

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

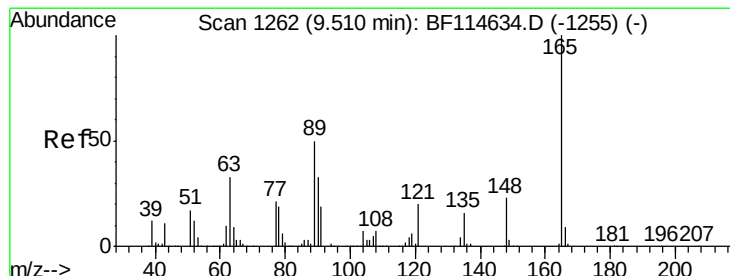
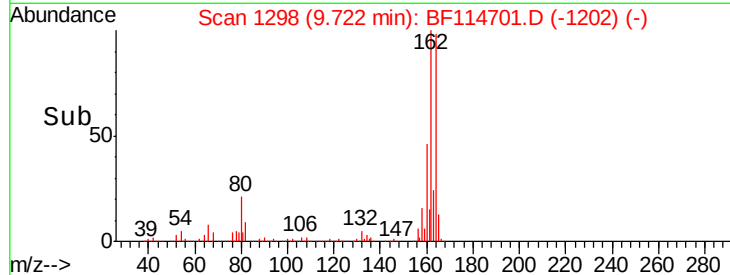
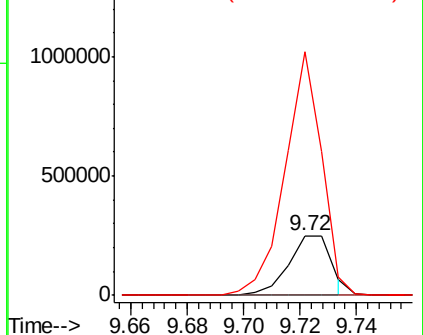
164 407.5 8.6 13.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.025 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

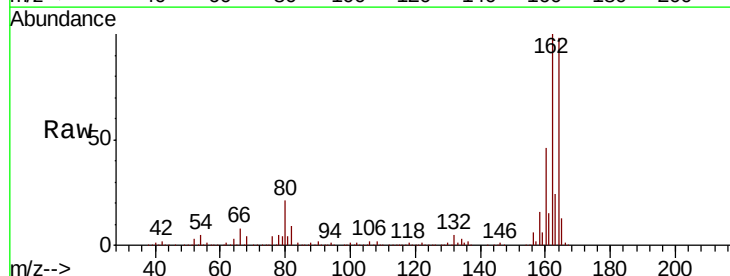
Tgt Ion:165 Resp: 119791

Ion Ratio Lower Upper

165 100

63 1.0 36.6 54.8#

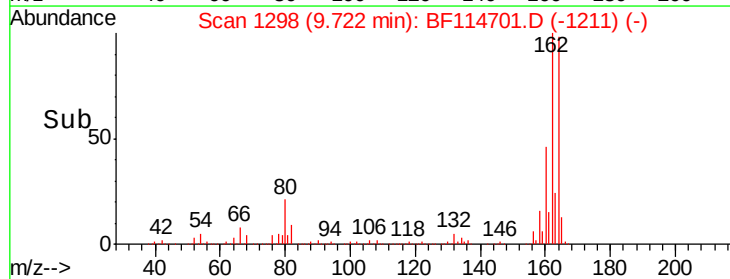
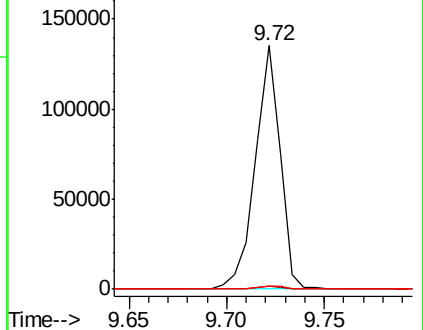
89 1.3 40.2 60.4#

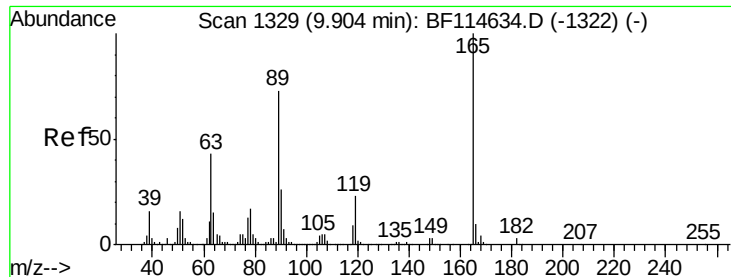


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

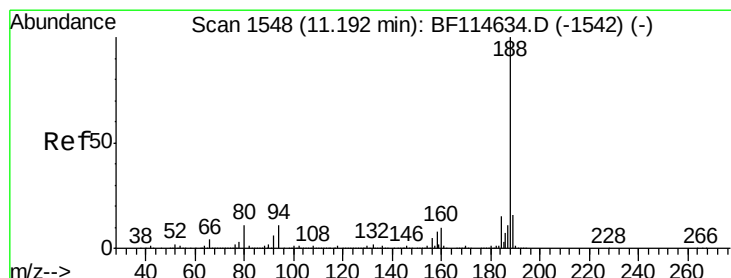
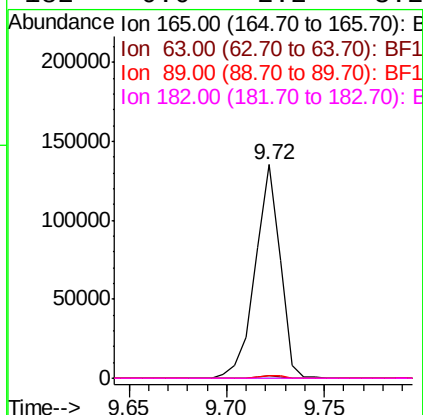
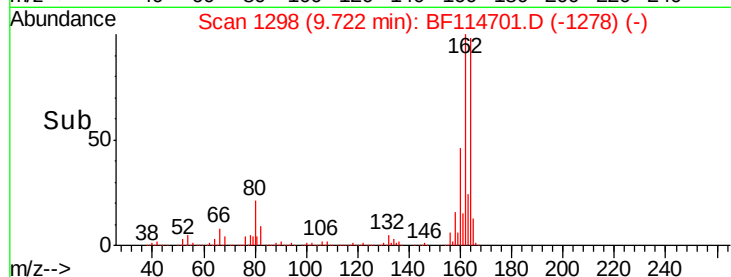
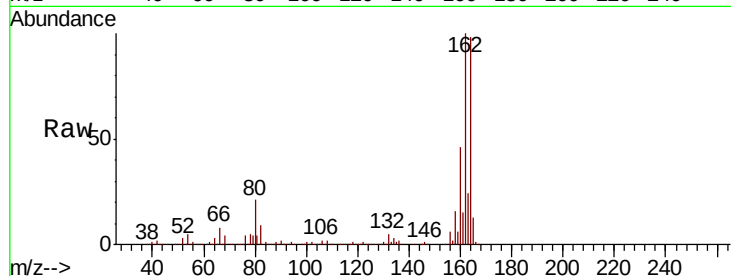




#57
2,4-Dinitrotoluene
Concen: 6.253 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

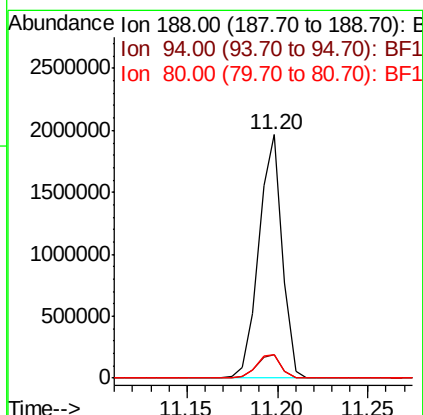
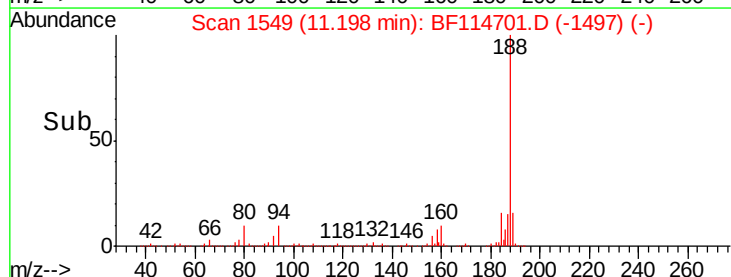
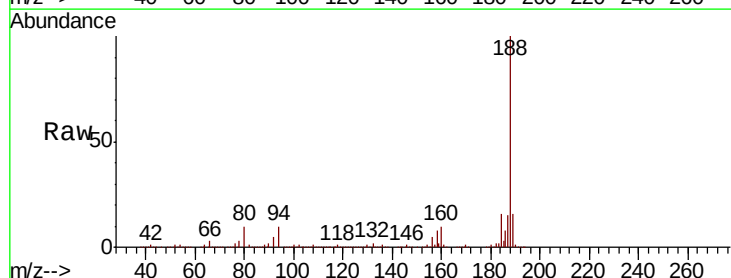
Instrument :
BNA_F
ClientSampleId :
PB120137BL

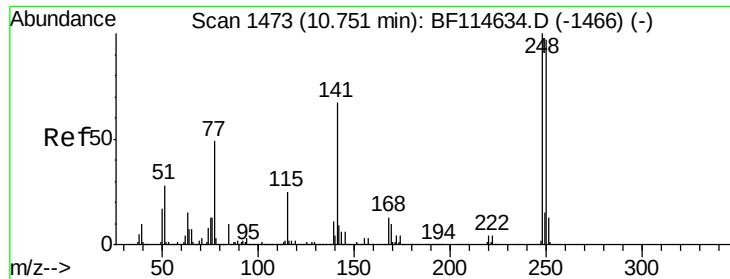
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114701.D
Acq: 31 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	13.0
80	9.9	9.0	13.6

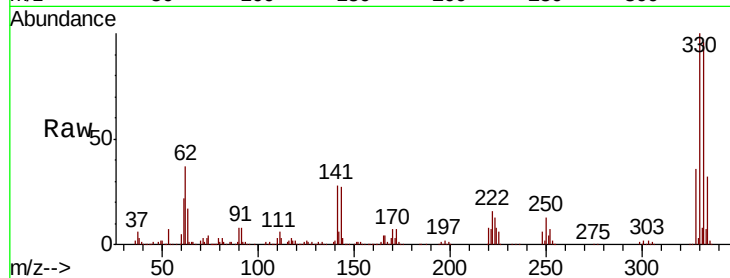




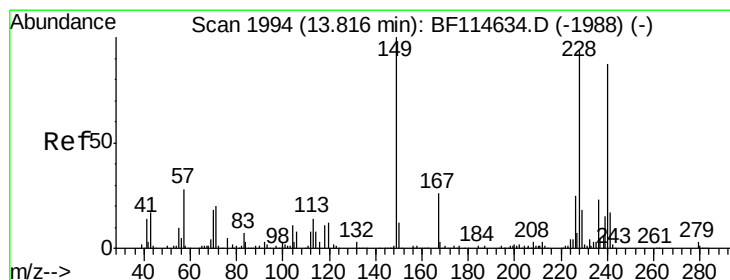
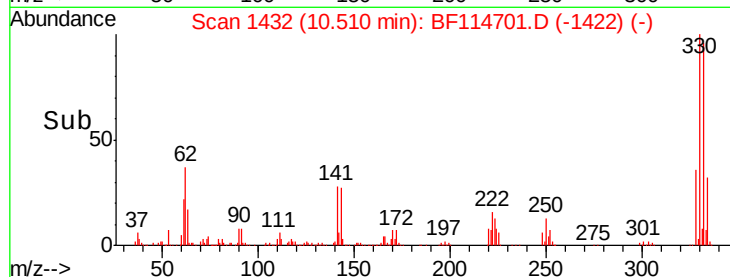
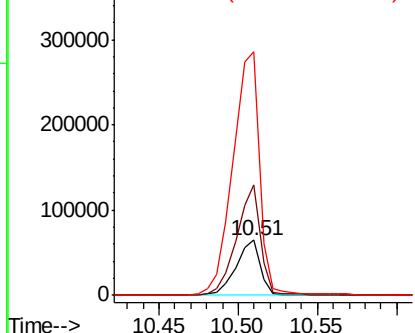
#67
 4-Bromophenyl-phenylether
 Concen: 3.652 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.24 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BL

Tgt Ion:248 Resp: 68894
 Ion Ratio Lower Upper
 248 100
 250 199.5 78.0 117.0#
 141 440.9 53.8 80.8#

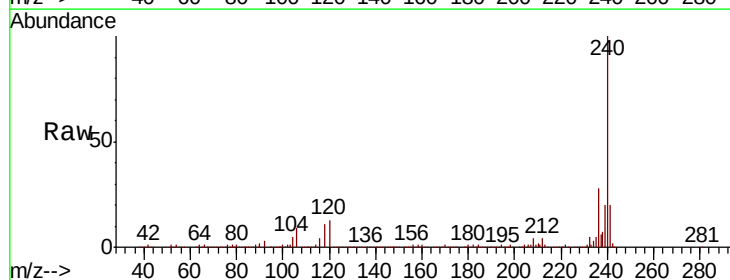


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

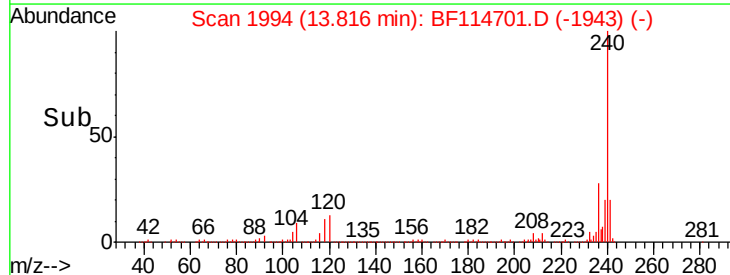
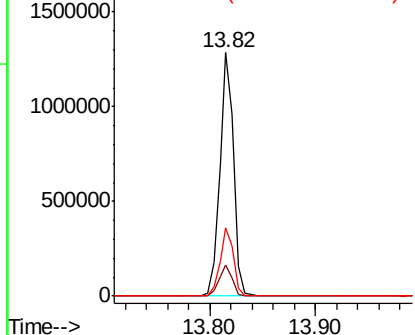


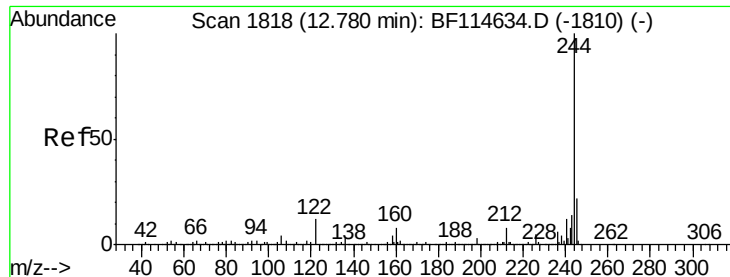
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF114701.D
 Acq: 31 May 2019 12:00

Tgt Ion:240 Resp: 1184472
 Ion Ratio Lower Upper
 240 100
 120 13.0 11.2 16.8
 236 28.1 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.896 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Instrument :

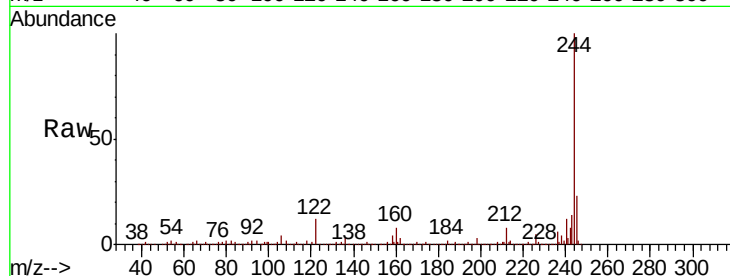
BNA_F

ClientSampleId :

PB120137BL

Tgt Ion:244 Resp: 4088347

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	12.4	9.8	14.8

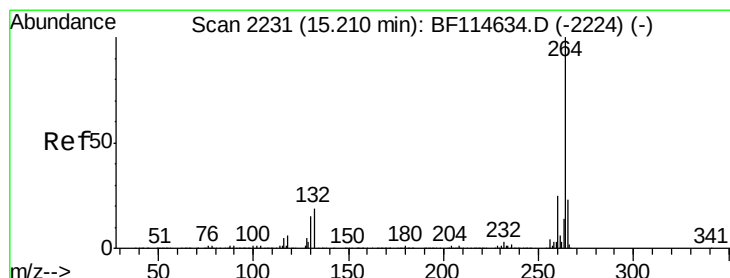
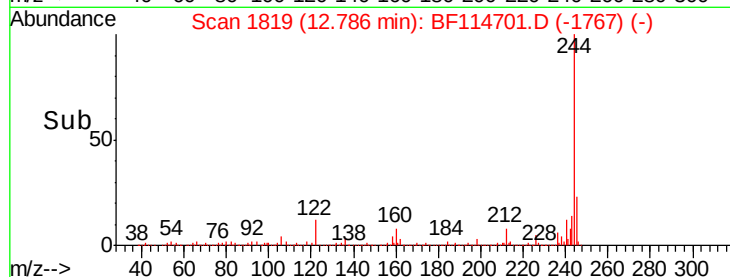
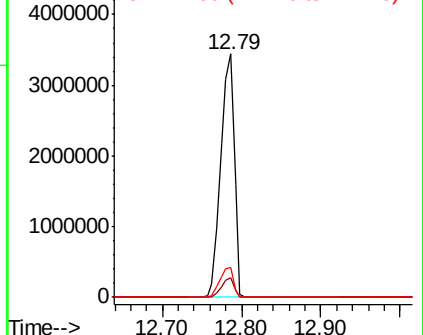


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

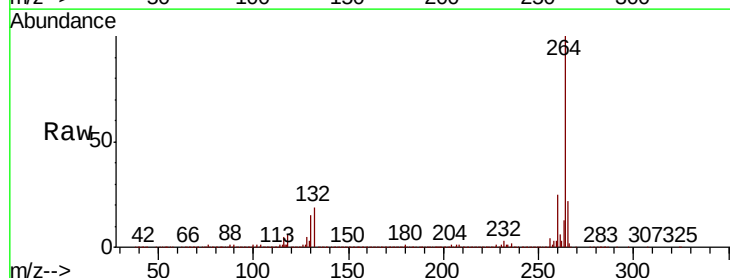
Delta R.T. 0.01 min

Lab File: BF114701.D

Acq: 31 May 2019 12:00

Tgt Ion:264 Resp: 1003154

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.0	18.1	27.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

