

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114208.D
 Acq On : 12 May 2019 22:08
 Operator : JU/SJ
 Sample : K2767-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

Quant Time: May 13 07:49:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

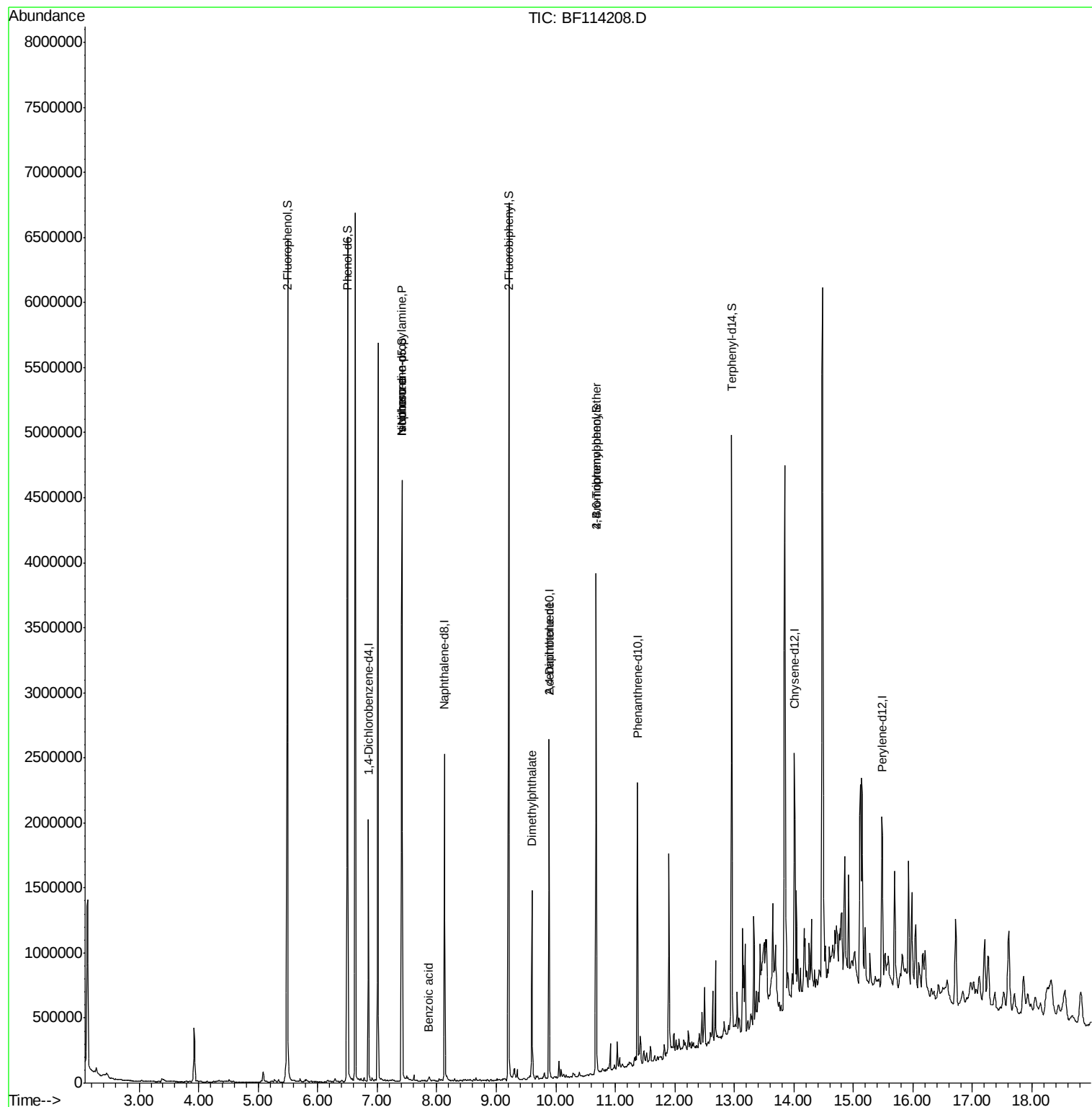
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	283050	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1046685	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	480937	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	847136	20.00	ng	0.00
76) Chrysene-d12	14.01	240	603686	20.00	ng	-0.01
87) Perylene-d12	15.48	264	564034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1810895	102.96	ng	0.01
7) Phenol-d6	6.50	99	2406310	115.67	ng	0.01
23) Nitrobenzene-d5	7.42	82	1499562	80.40	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	496953	99.95	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2146384	67.51	ng	0.00
79) Terphenyl-d14	12.96	244	1627419	55.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	196479	14.901	ng	# 75
25) Isophorone	7.42	82	1494687	43.212	ng	# 64
32) Benzoic acid	7.86	122	3748	7.331	ng	97
50) Dimethylphthalate	9.60	163	525708	14.890	ng	99
57) 2,4-Dinitrotoluene	9.89	165	61171	5.755	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	33238	3.564	ng	# 1

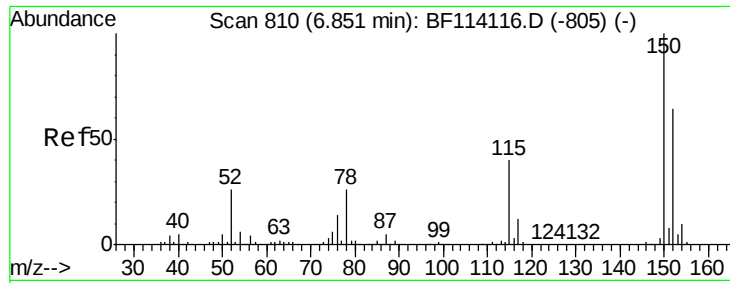
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
Data File : BF114208.D
Acq On : 12 May 2019 22:08
Operator : JU/SJ
Sample : K2767-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0612-01

Quant Time: May 13 07:49:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

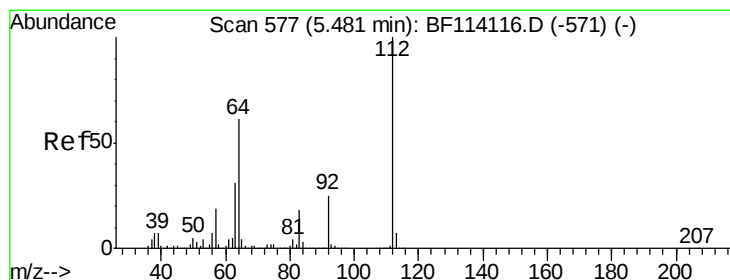
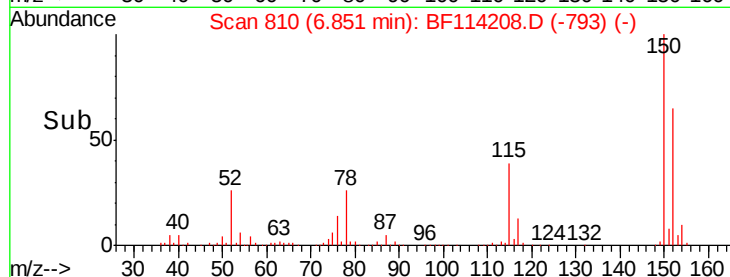
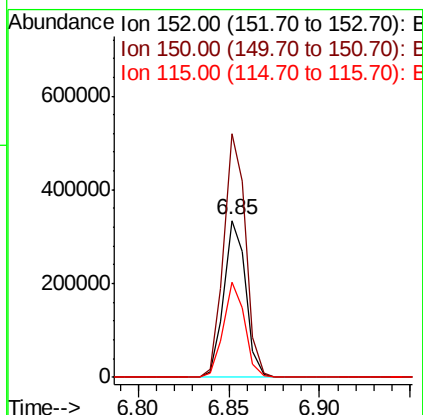
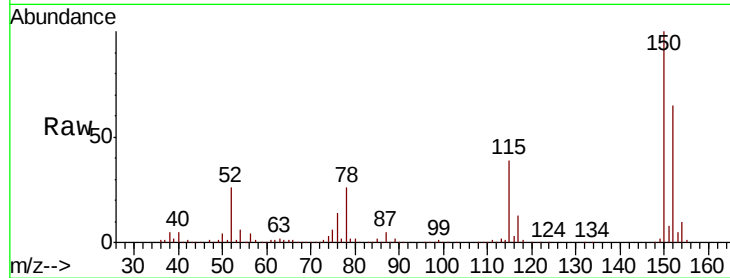




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

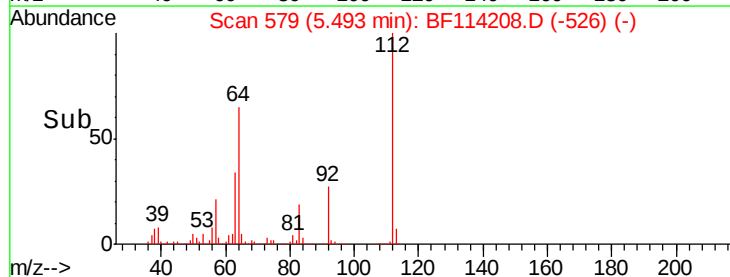
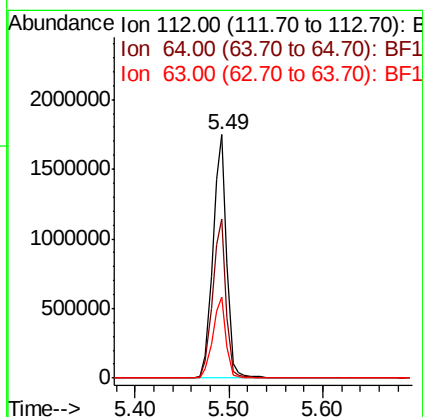
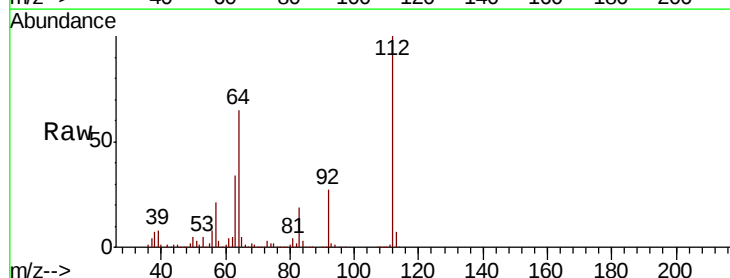
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

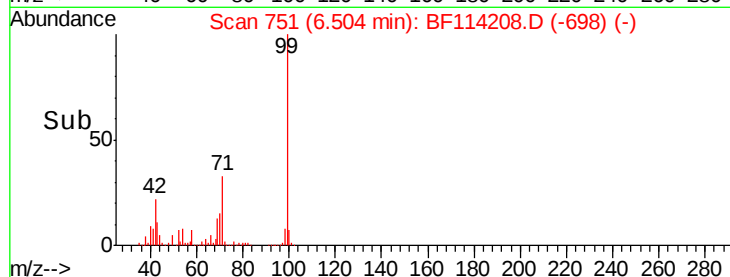
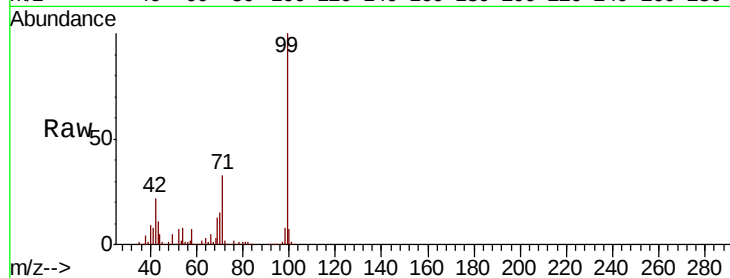
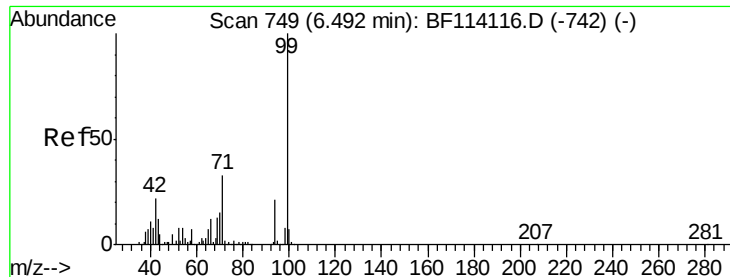
Tgt Ion:152 Resp: 283050
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.3 186.5
 115 60.3 49.1 73.7



#5
 2-Fluorophenol
 Concen: 102.957 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

Tgt Ion:112 Resp: 1810895
 Ion Ratio Lower Upper
 112 100
 64 65.4 49.0 73.6
 63 33.5 24.6 37.0





#7

Phenol-d6

Concen: 115.672 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

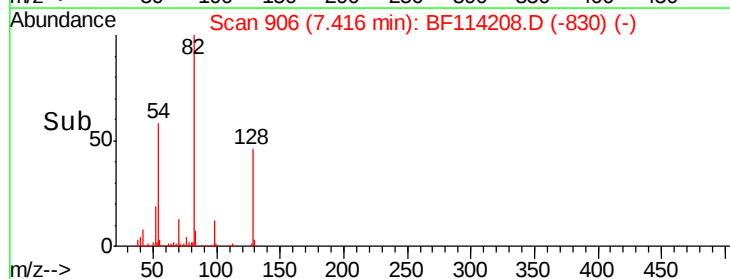
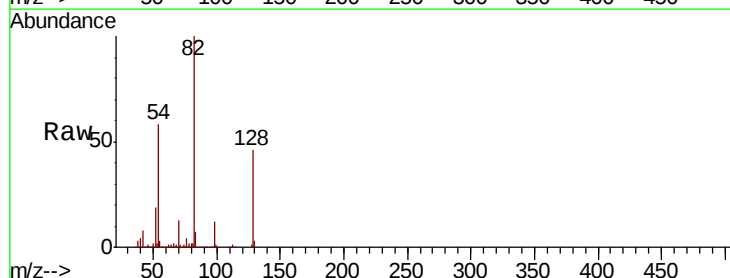
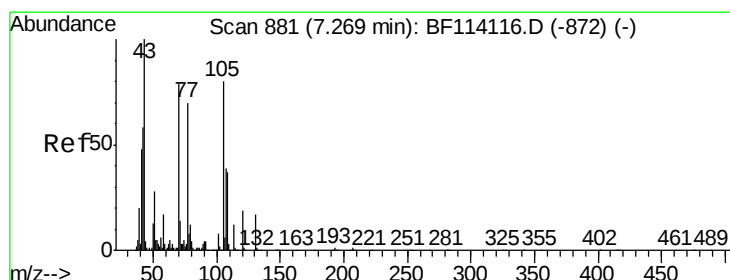
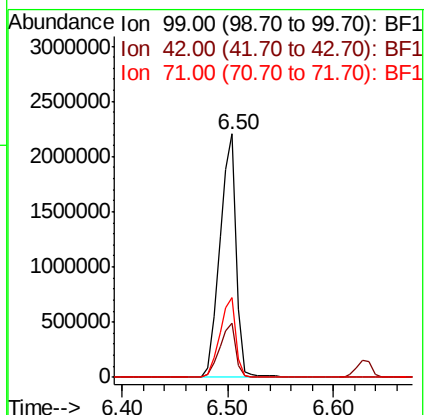
Tgt Ion: 99 Resp: 2406310

Ion Ratio Lower Upper

99 100

42 22.2 17.9 26.9

71 32.7 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 14.901 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Tgt Ion: 70 Resp: 196479

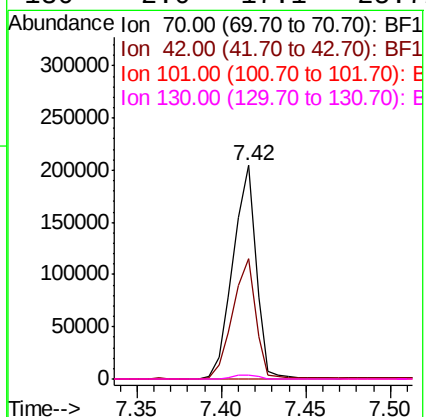
Ion Ratio Lower Upper

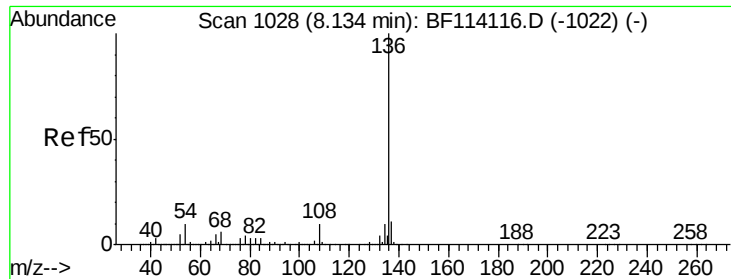
70 100

42 56.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

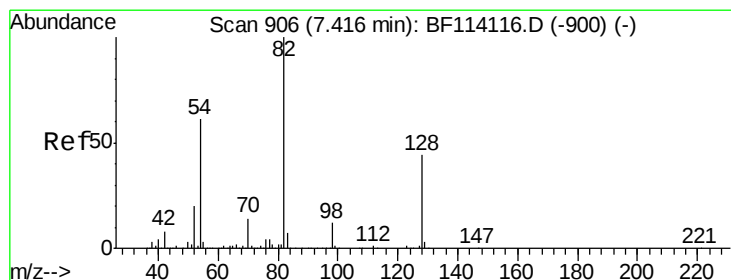
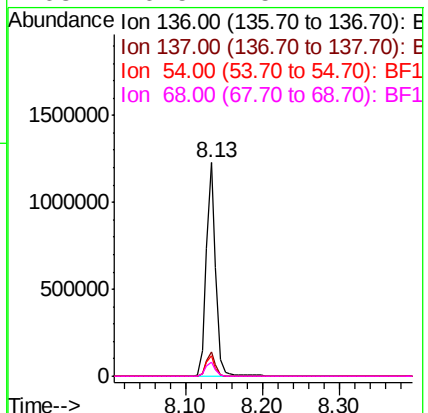
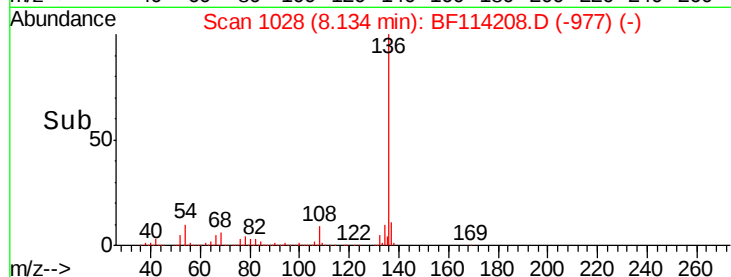
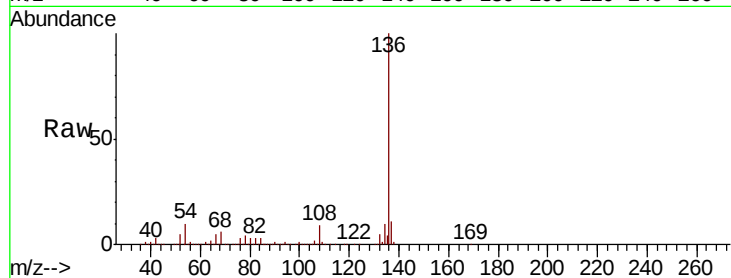




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

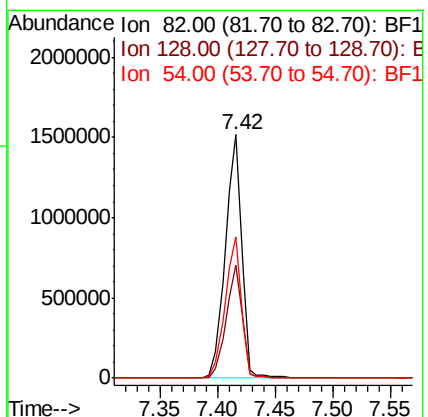
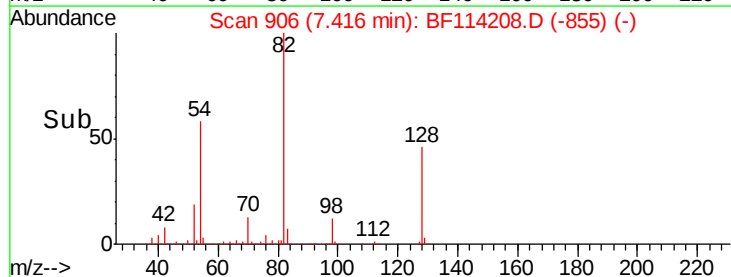
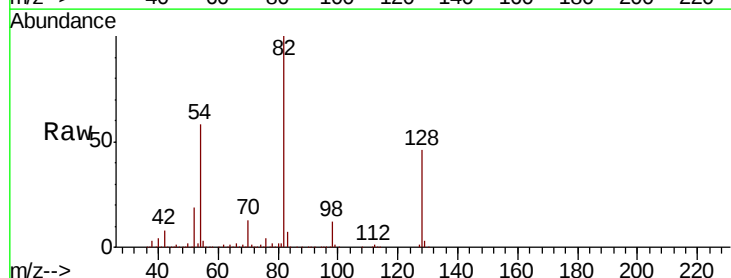
Instrument :
BNA_F
ClientSampleId :
P026-SS011-0612-01

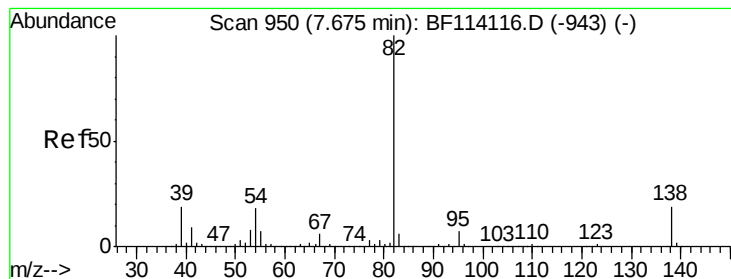
Tgt Ion:	136	Resp:	1046685
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.6	7.8	11.8
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 80.402 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

Tgt Ion:	82	Resp:	1499562
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.5	53.3
54	58.0	48.5	72.7





#25

Isophorone

Concen: 43.212 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

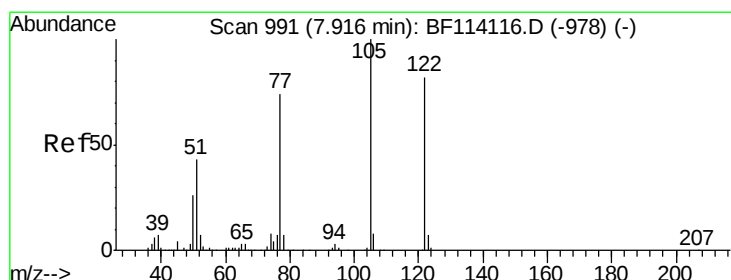
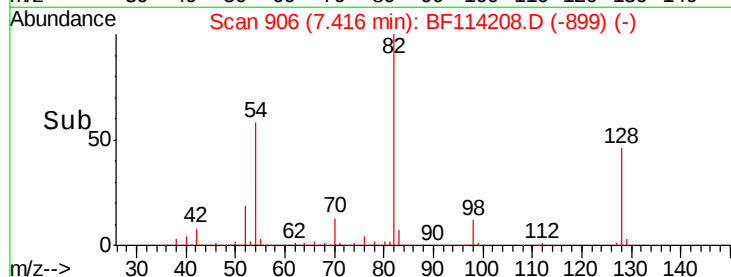
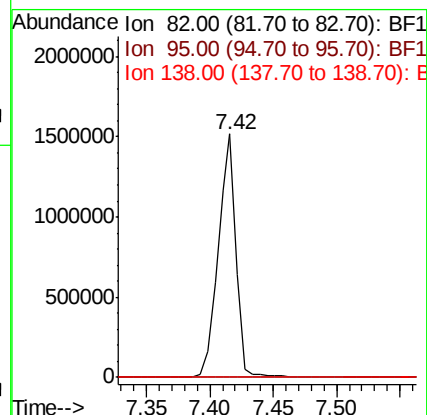
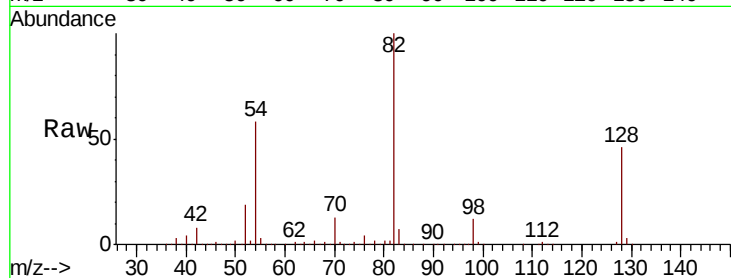
Tgt Ion: 82 Resp: 1494687

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.331 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

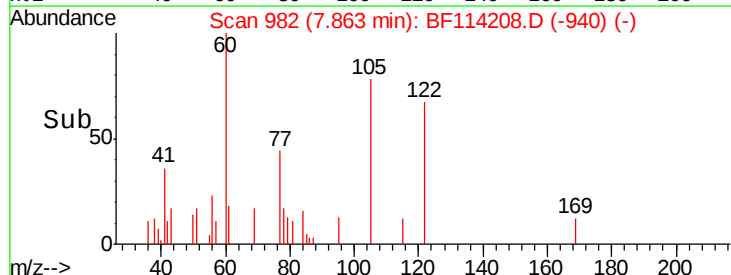
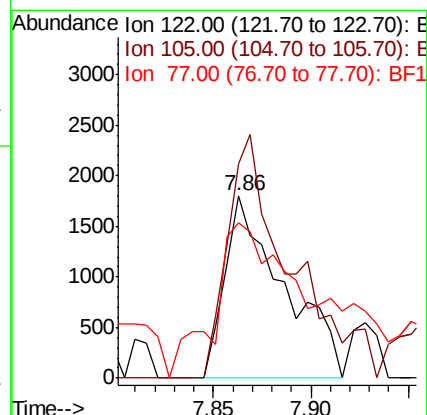
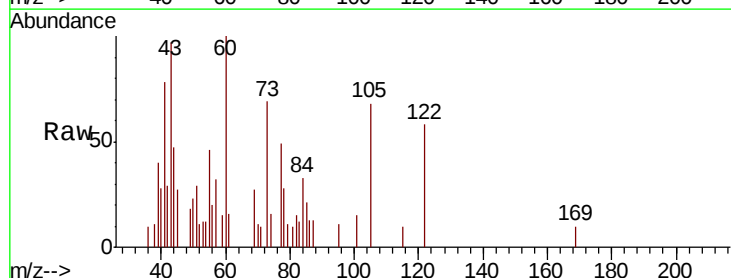
Tgt Ion: 122 Resp: 3748

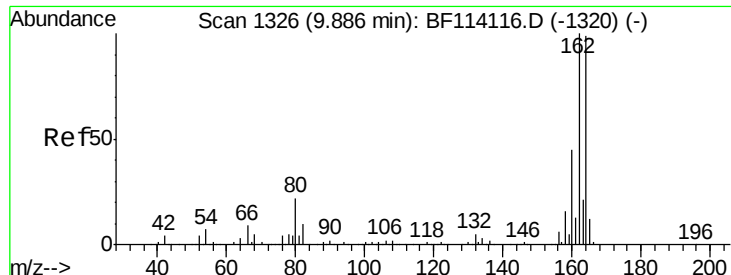
Ion Ratio Lower Upper

122 100

105 117.2 99.9 139.9

77 85.1 69.4 109.4

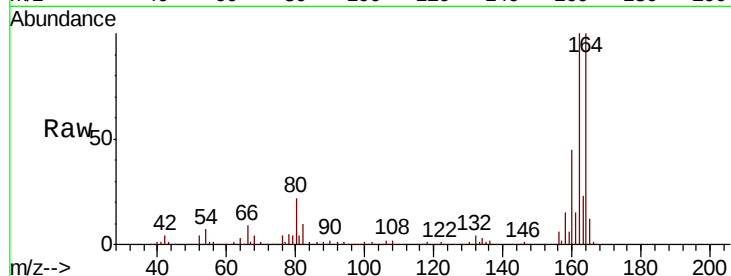




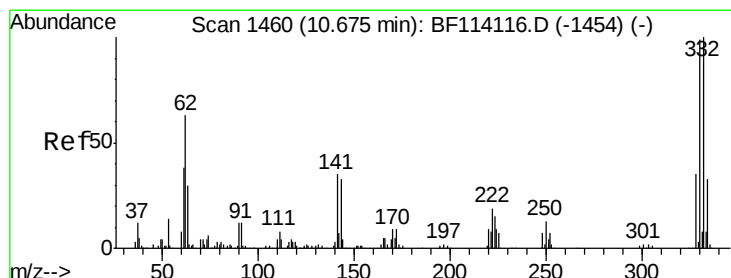
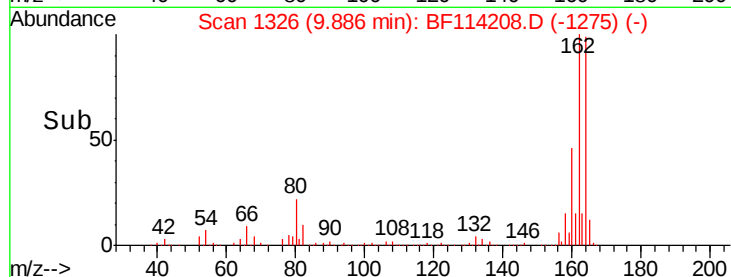
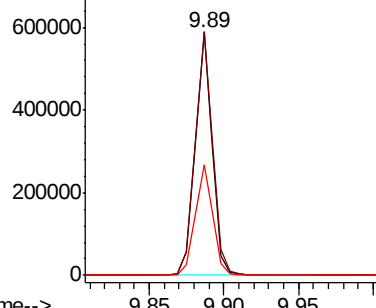
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

Instrument :
BNA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	45.4	36.5	54.7

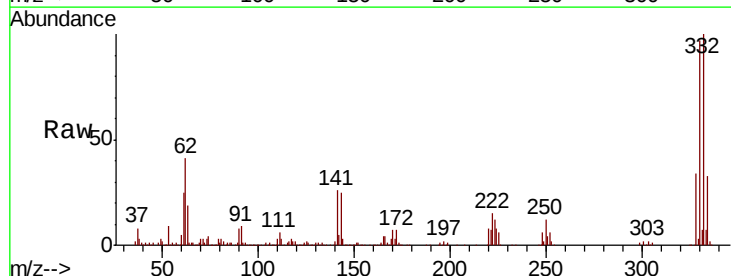


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

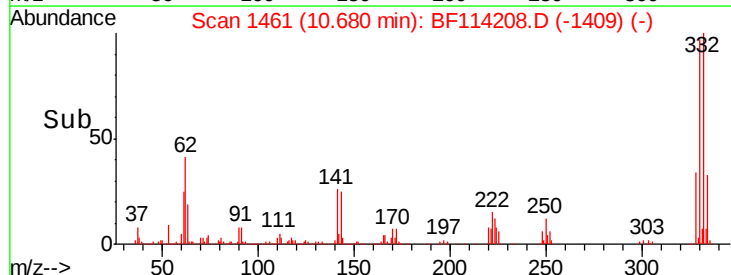
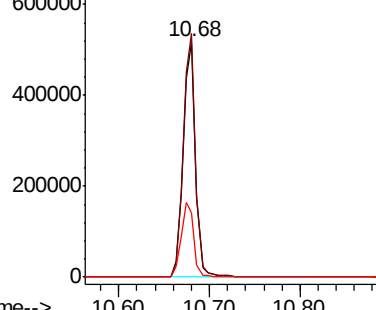


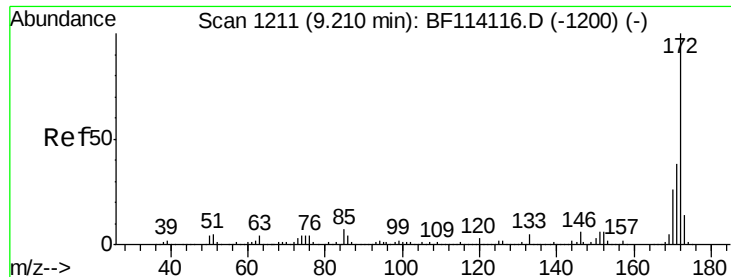
#42
2,4,6-Tribromophenol
Concen: 99.949 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114208.D
Acq: 12 May 2019 22:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	81.4	122.2
141	32.7	26.6	40.0



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

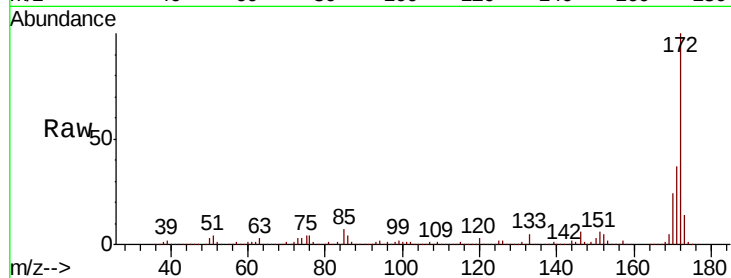




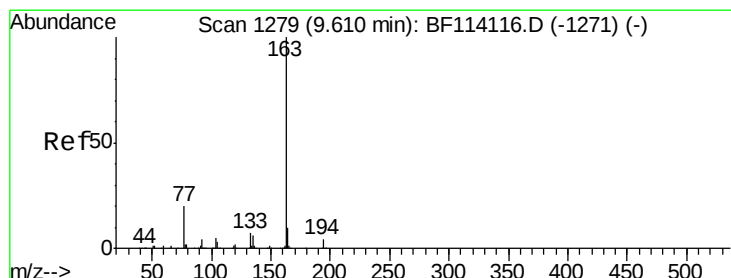
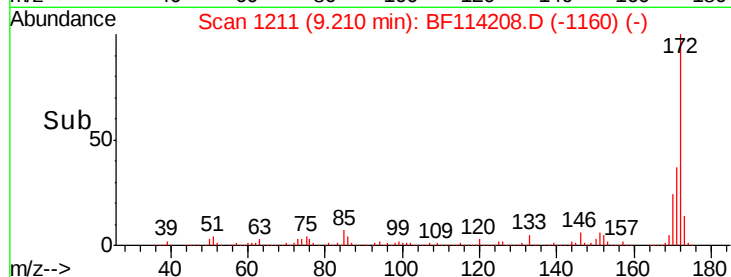
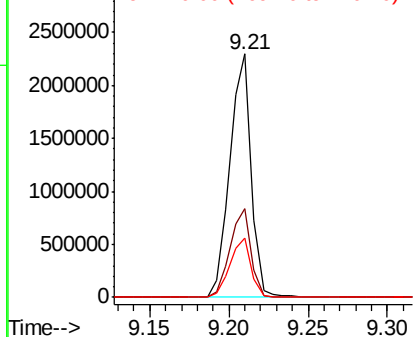
#45
 2-Fluorobiphenyl
 Concen: 67.509 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

Tgt Ion:172 Resp: 2146384
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.7 46.1
 170 24.5 20.5 30.7

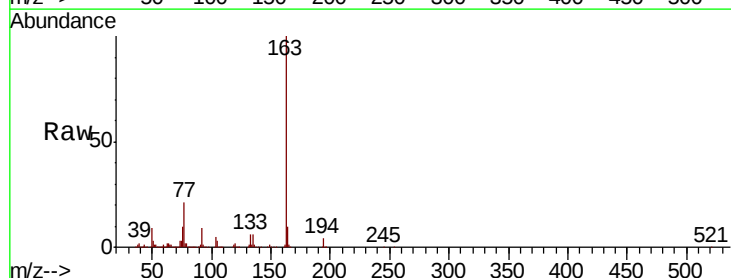


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

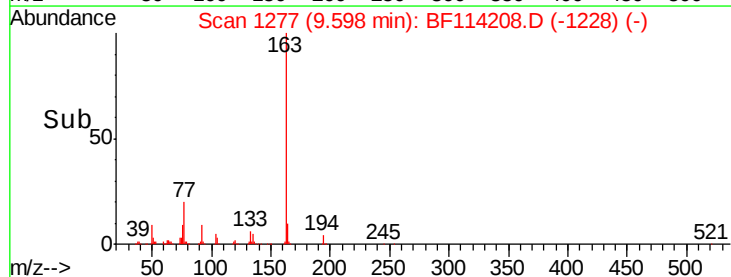
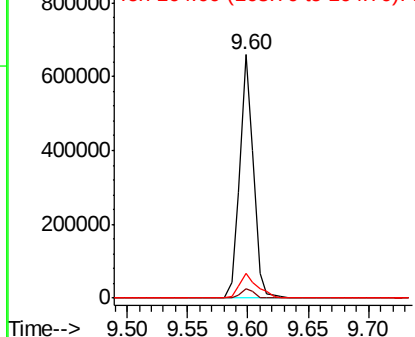


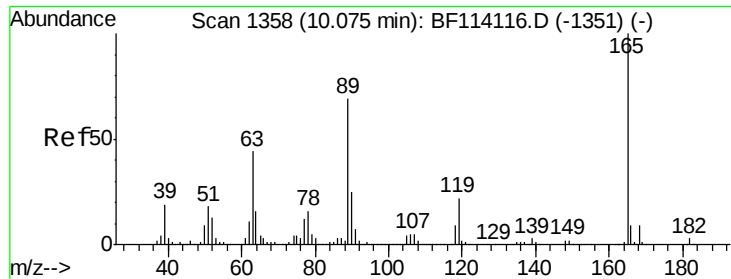
#50
 Dimethylphthalate
 Concen: 14.890 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

Tgt Ion:163 Resp: 525708
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 10.2 8.2 12.2



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

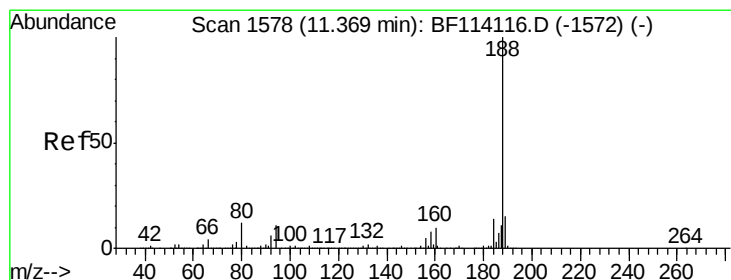
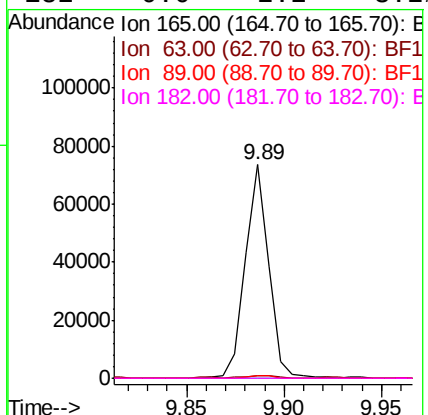
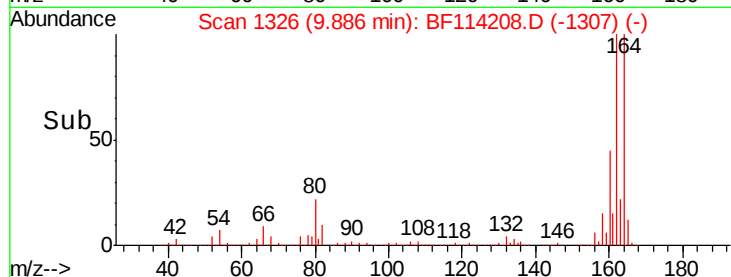
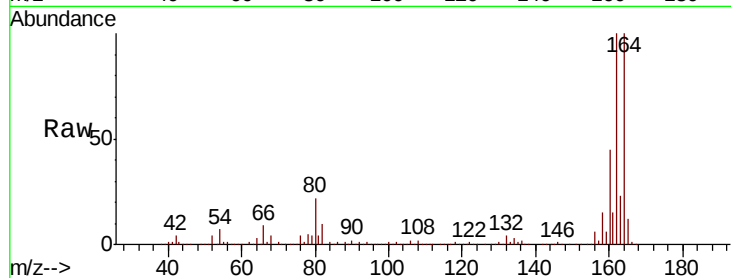




#57
 2,4-Dinitrotoluene
 Concen: 5.755 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

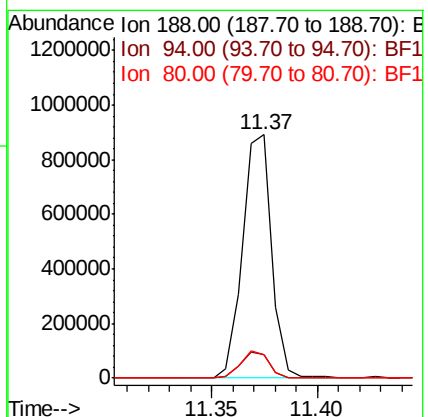
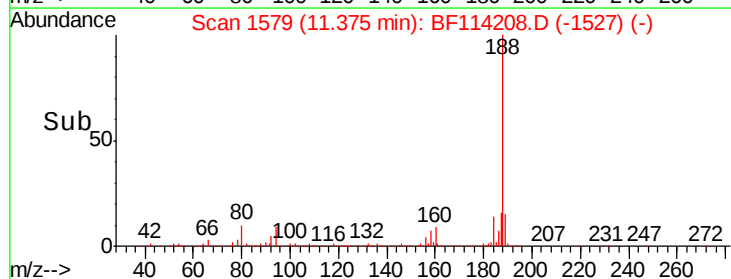
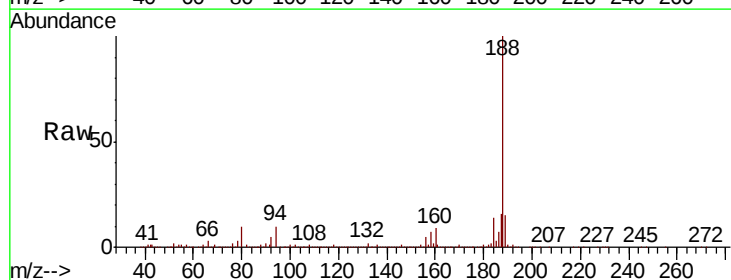
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

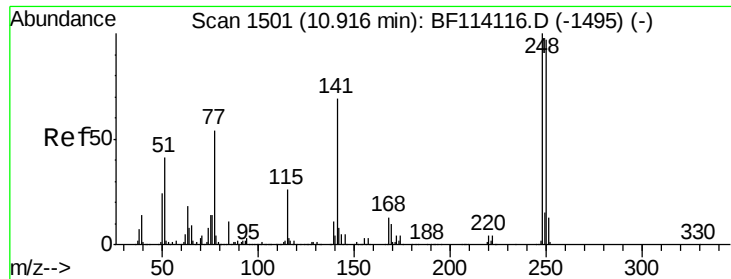
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.4	12.6
80	9.7	9.2	13.8

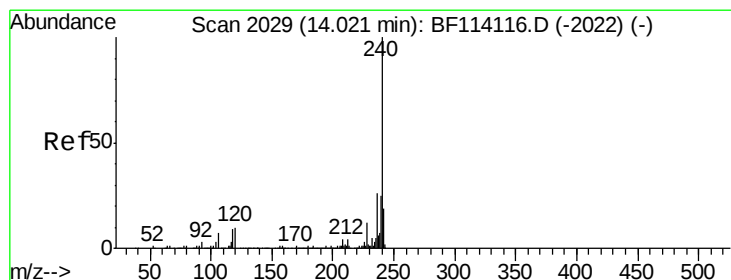
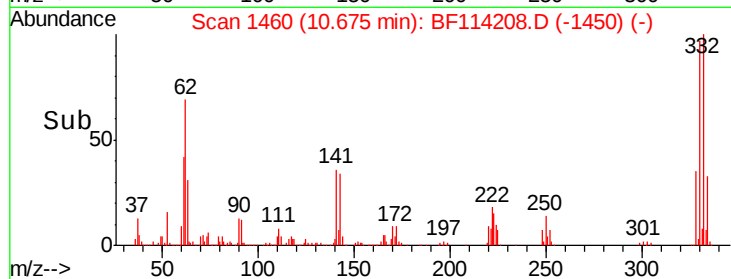
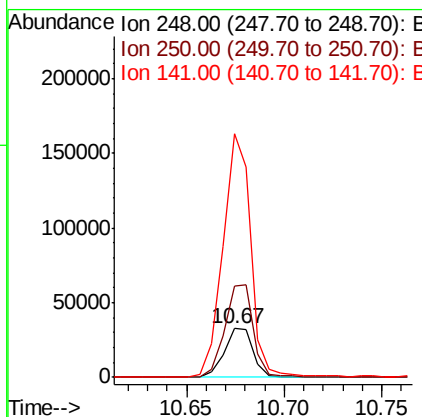
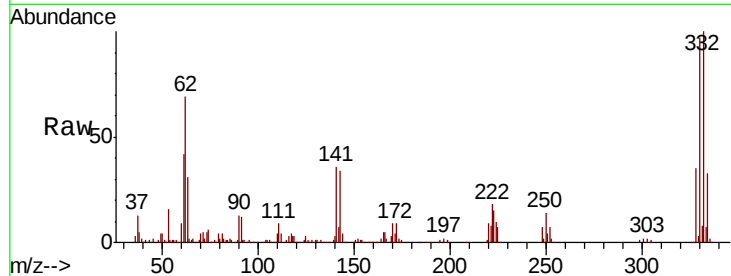




#67
 4-Bromophenyl-phenylether
 Concen: 3.564 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

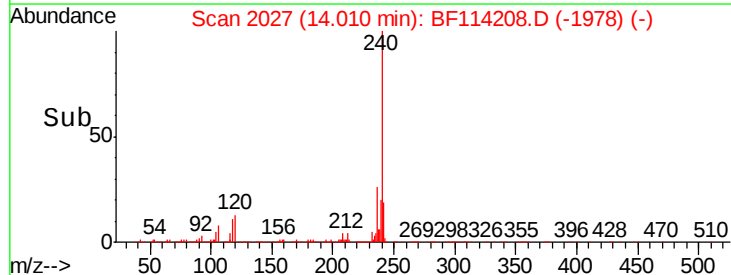
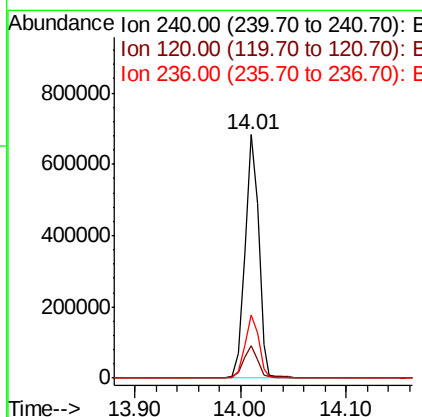
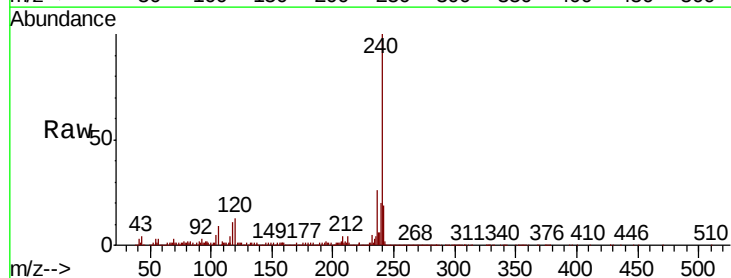
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS011-0612-01

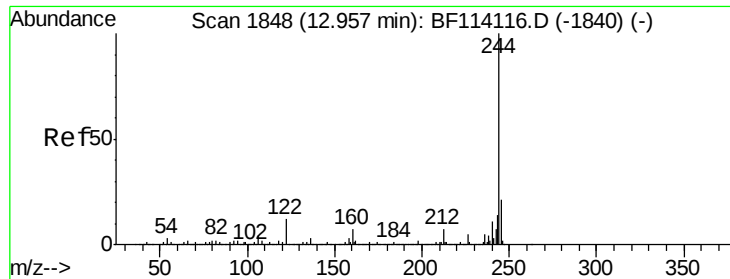
Tgt Ion	Ratio	Lower	Upper
248	100		
250	187.0	77.4	116.2#
141	499.9	55.6	83.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF114208.D
 Acq: 12 May 2019 22:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.3	12.5#
236	25.9	20.8	31.2





#79

Terphenyl-d14

Concen: 55.572 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

Instrument :

BNA_F

ClientSampleId :

P026-SS011-0612-01

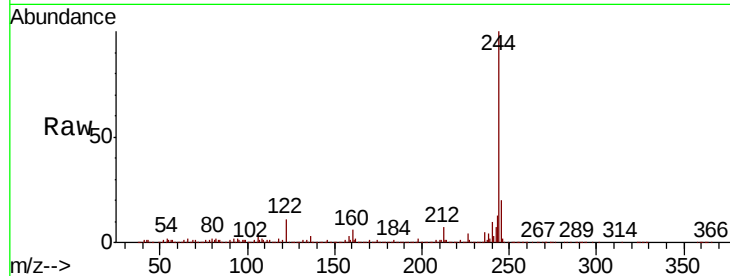
Tgt Ion:244 Resp: 1627419

Ion Ratio Lower Upper

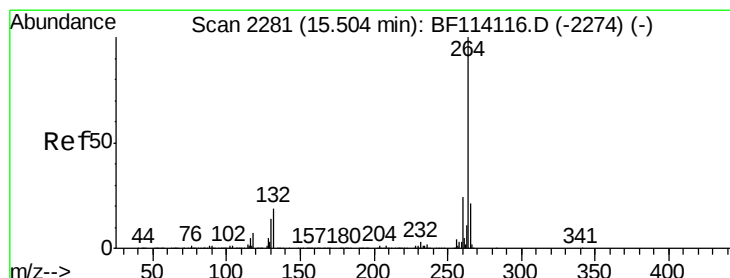
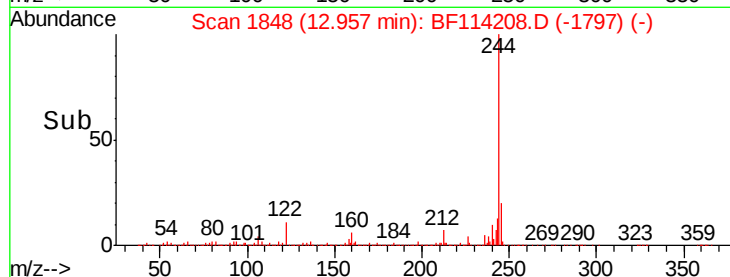
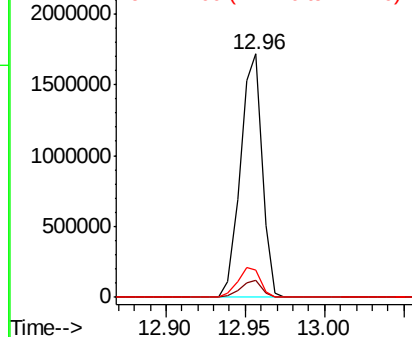
244 100

212 6.8 5.8 8.6

122 11.3 9.4 14.2



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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114208.D

Acq: 12 May 2019 22:08

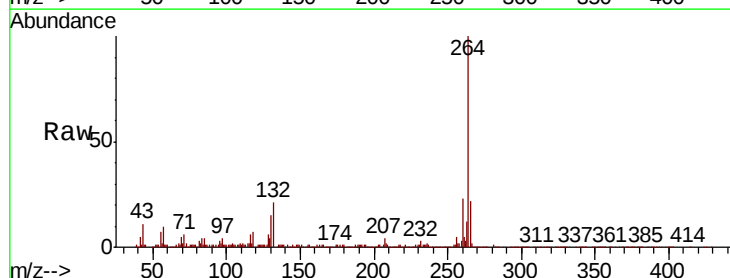
Tgt Ion:264 Resp: 564034

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.9 16.9 25.3



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

