

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119564.D
 Acq On : 27 Mar 2020 12:42
 Operator : CG/JU
 Sample : L1761-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032520

Quant Time: Mar 27 13:18:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

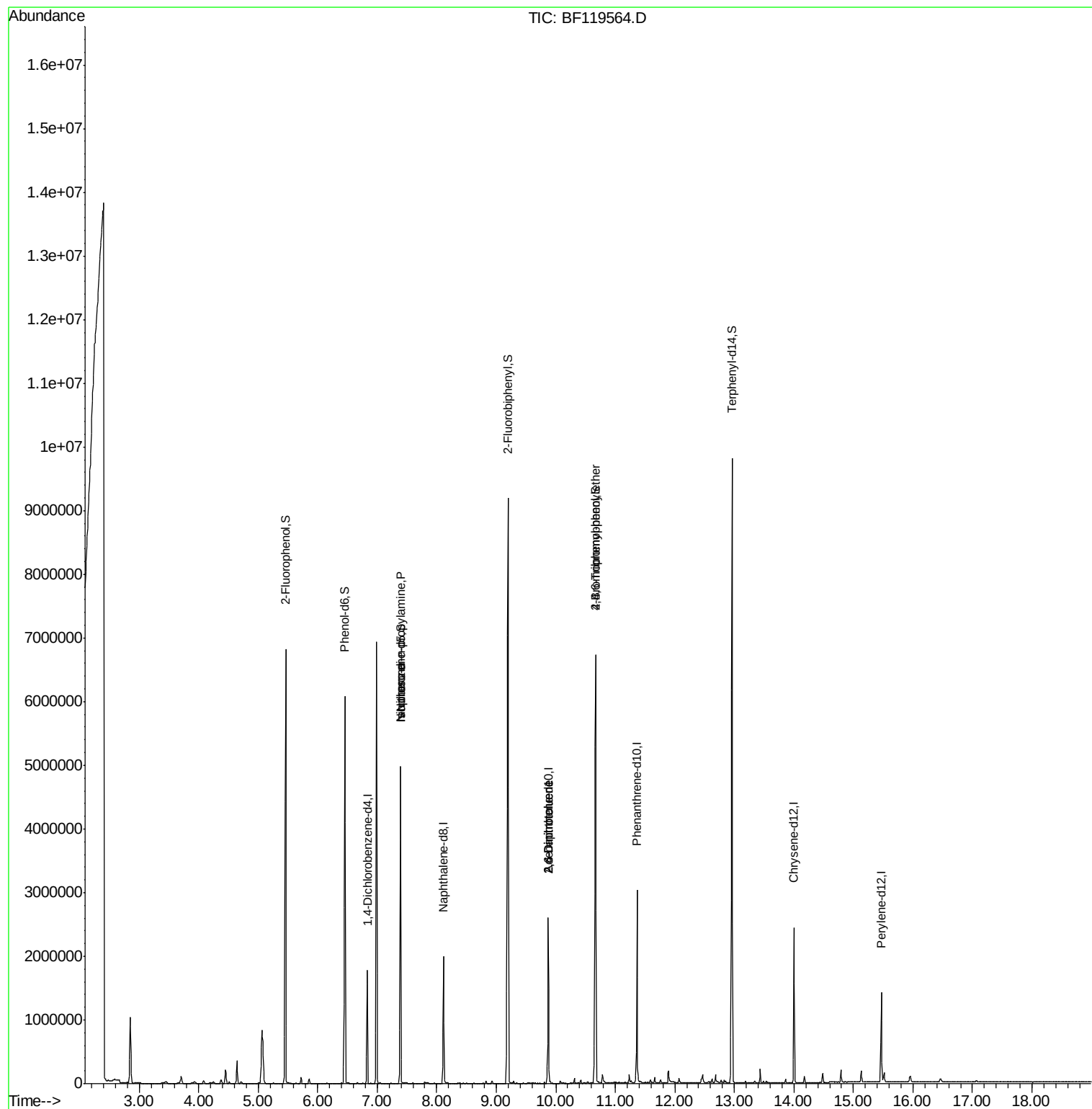
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	258365	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1004945	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	546359	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1081782	20.00	ng	0.00
76) Chrysene-d12	14.00	240	793989	20.00	ng	-0.01
87) Perylene-d12	15.47	264	651062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2065603	127.27	ng	0.02
7) Phenol-d6	6.46	99	2323730	112.08	ng	0.00
23) Nitrobenzene-d5	7.39	82	1904313	102.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	924039	163.94	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3577579	97.01	ng	0.00
79) Terphenyl-d14	12.96	244	4091090	100.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	256603	20.534	ng	# 77
25) Isophorone	7.39	82	1882615	50.190	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	71106	8.548	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	71106	6.786	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	54925	4.458	ng	# 1

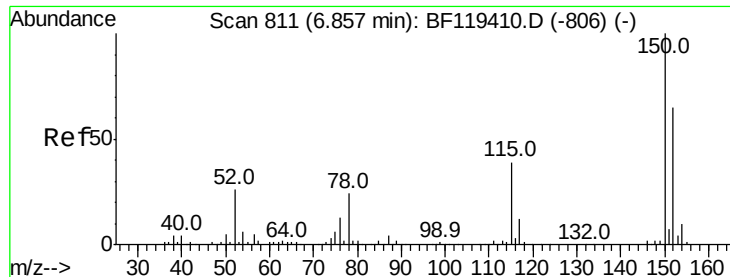
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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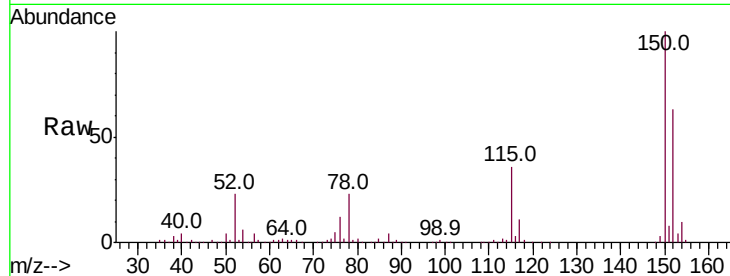


#1

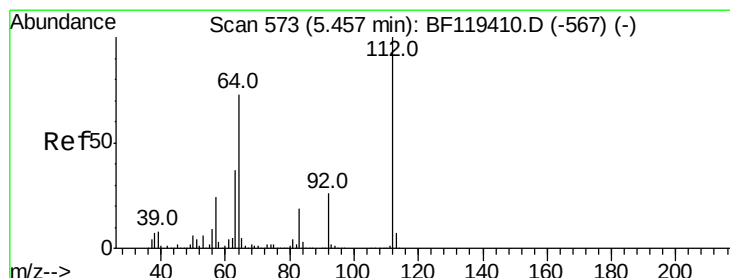
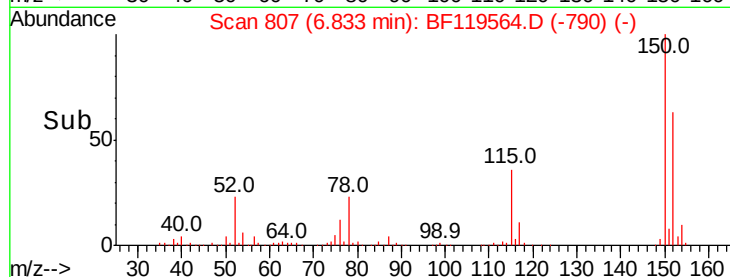
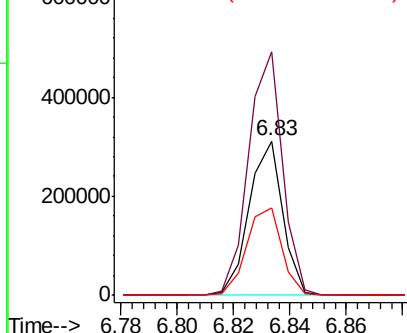
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

Instrument :
BNA_F
ClientSampleId :
SU-02-032520

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.5	186.7
115	56.3	49.6	74.4



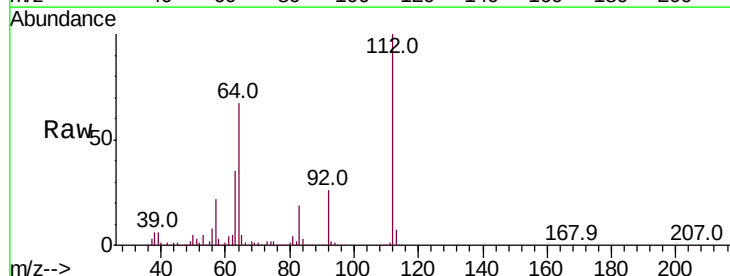
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



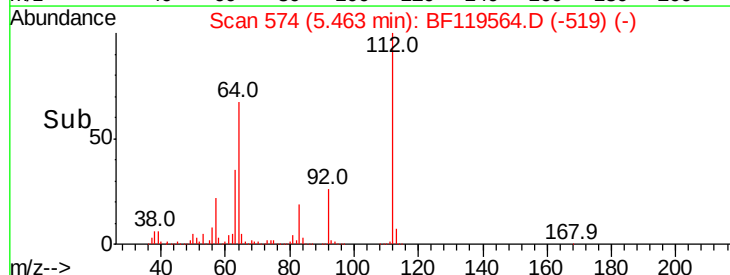
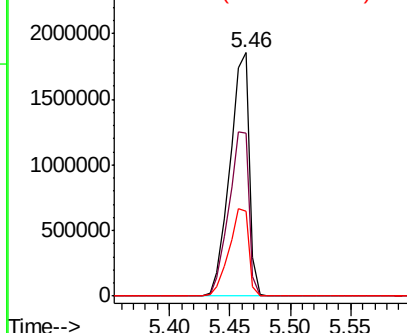
#5

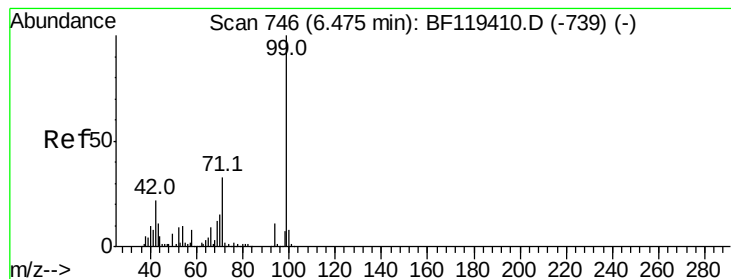
2-Fluorophenol
Concen: 127.271 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	56.7	85.1
63	35.0	29.5	44.3



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: 112.081 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119564.D

Acq: 27 Mar 2020 12:42

Instrument :

BNA_F

ClientSampleId :

SU-02-032520

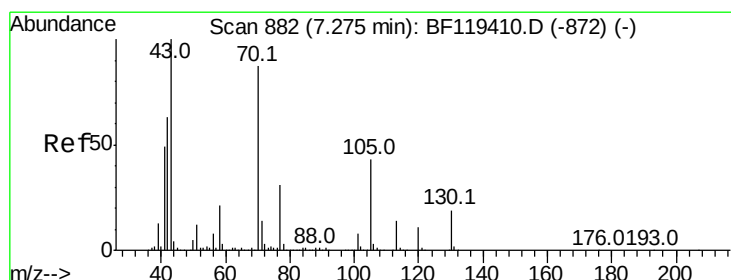
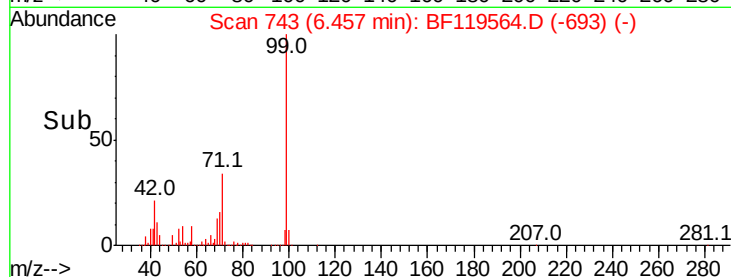
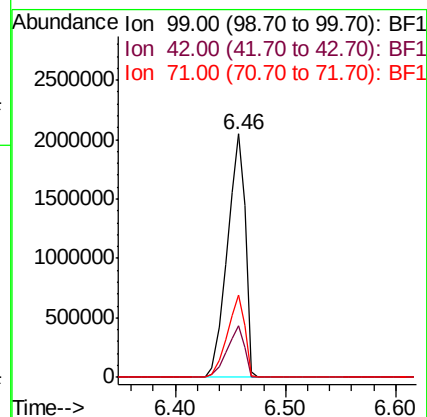
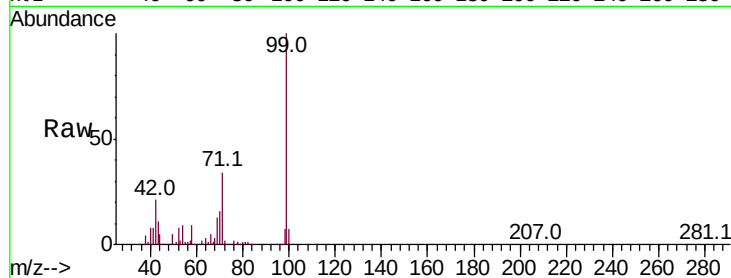
Tot Ion: 99 Resp: 2323730

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 34.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.534 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119564.D

Acq: 27 Mar 2020 12:42

Tgt Ion: 70 Resp: 256603

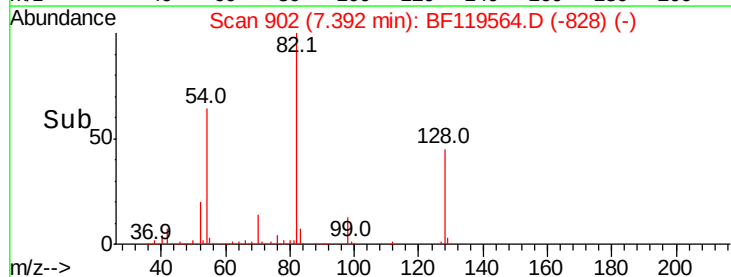
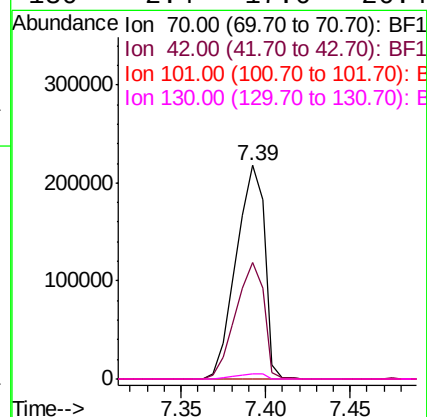
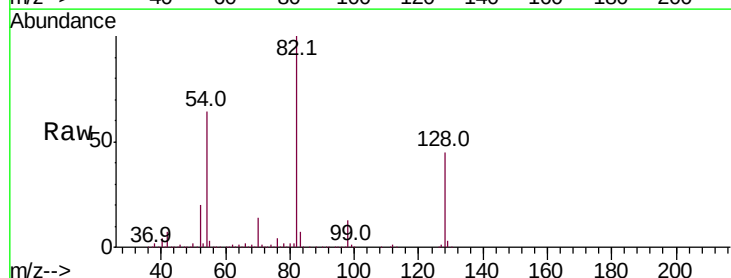
Ion Ratio Lower Upper

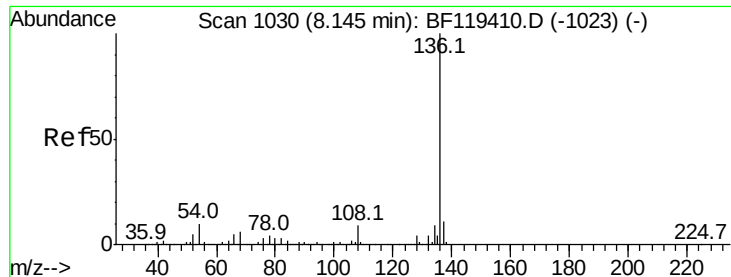
70 100

42 54.8 54.5 81.7

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

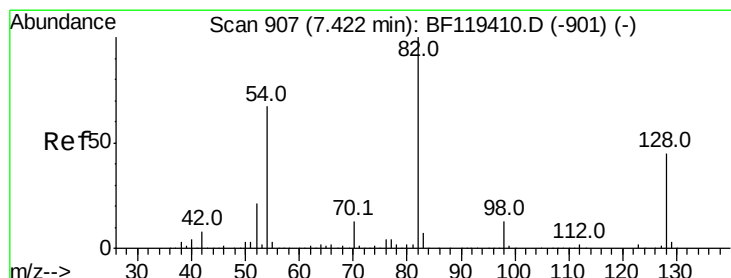
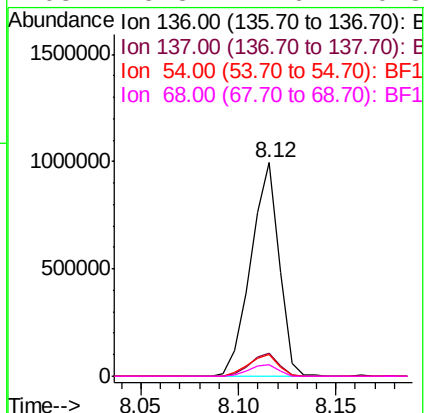
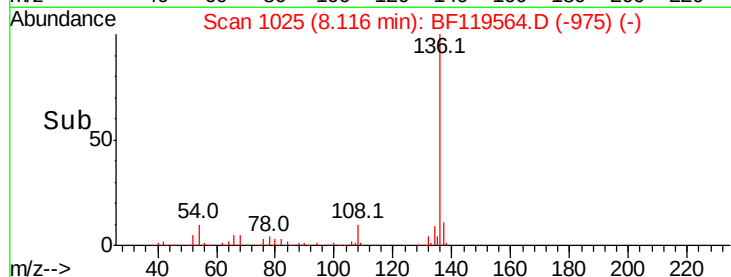
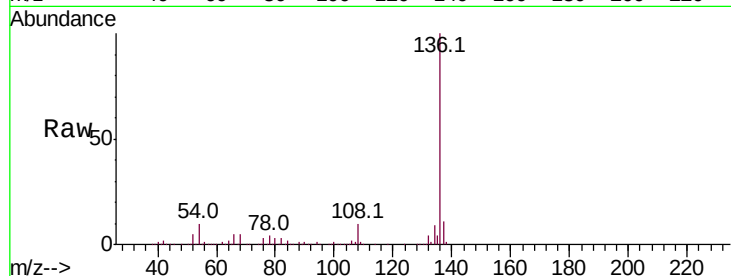




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

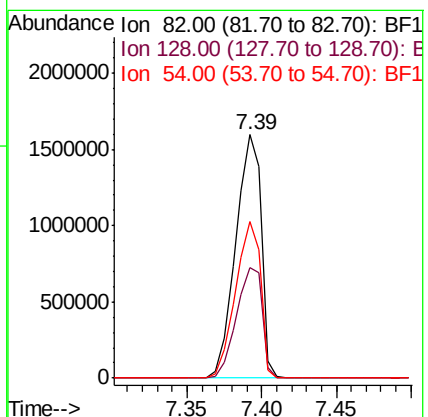
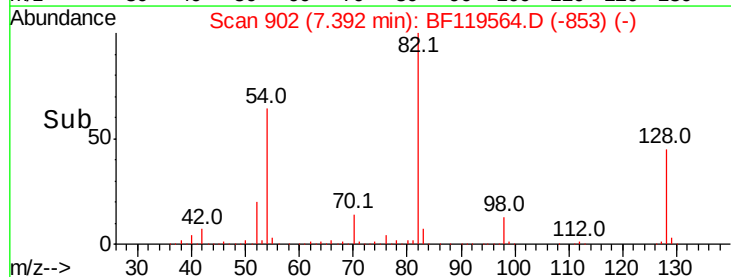
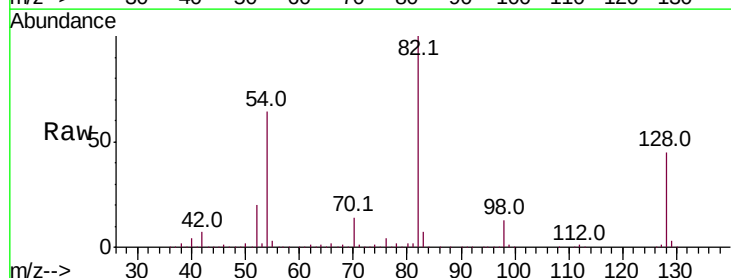
Instrument :
BNA_F
ClientSampleId :
SU-02-032520

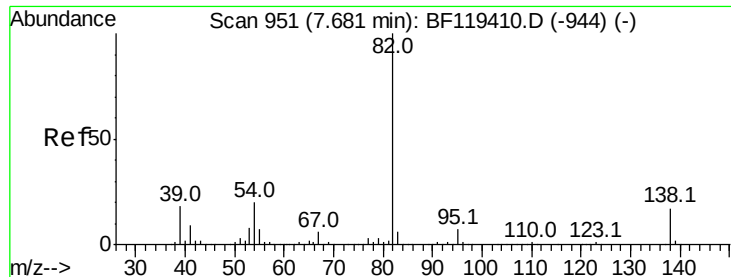
Tot Ion:136	Resp: 1004945
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 9.9	9.1 13.7
68 5.3	4.6 6.8



#23
Nitrobenzene-d5
Concen: 102.986 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

Tgt Ion: 82	Resp: 1904313
Ion Ratio	Lower Upper
82 100	
128 45.2	36.3 54.5
54 64.1	50.6 75.8





#25

Isophorone

Concen: 50.190 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119564.D

Acq: 27 Mar 2020 12:42

Instrument :

BNA_F

ClientSampleId :

SU-02-032520

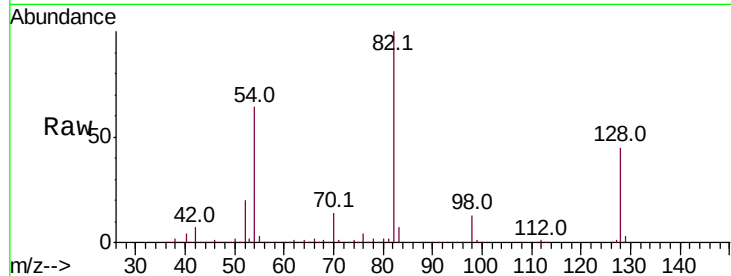
Tot Ion: 82 Resp: 1882615

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

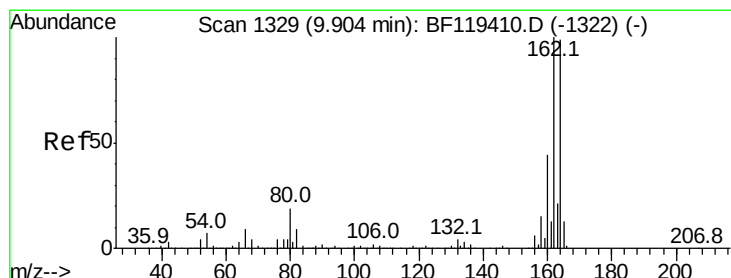
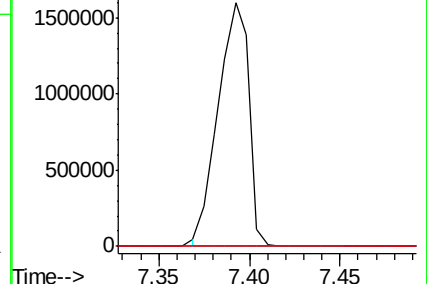
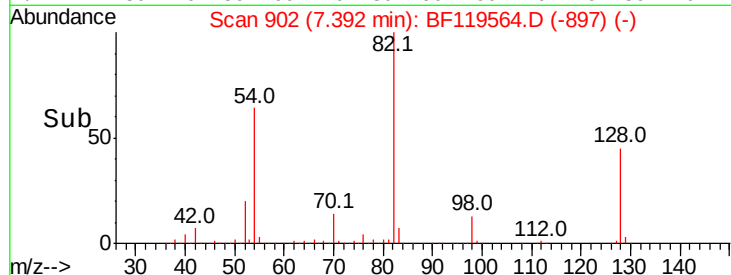
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119564.D

Acq: 27 Mar 2020 12:42

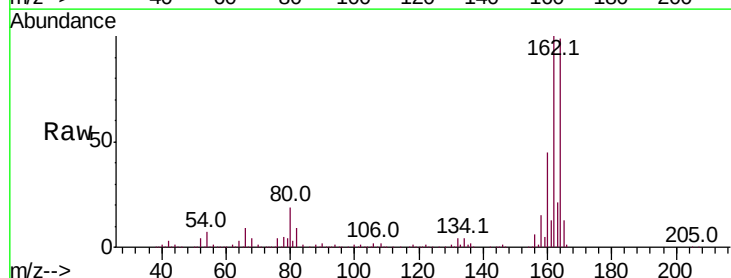
Tgt Ion:164 Resp: 546359

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

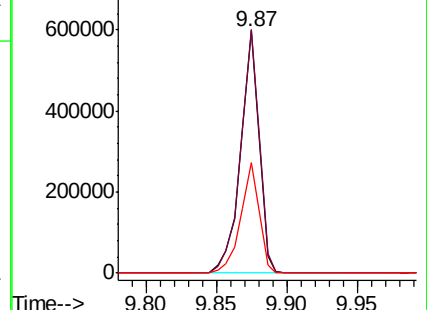
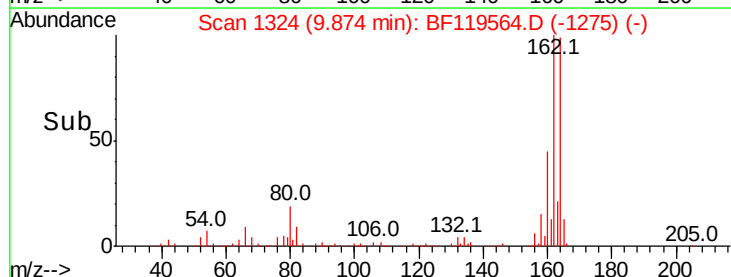
160 45.7 35.7 53.5

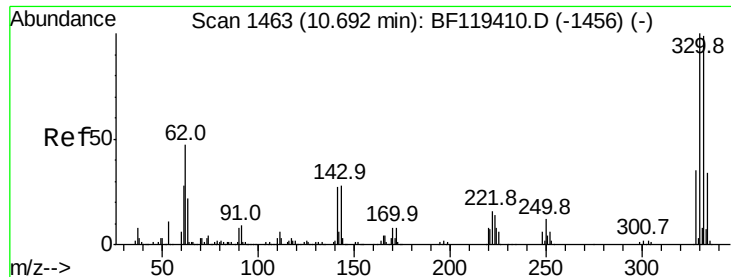


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

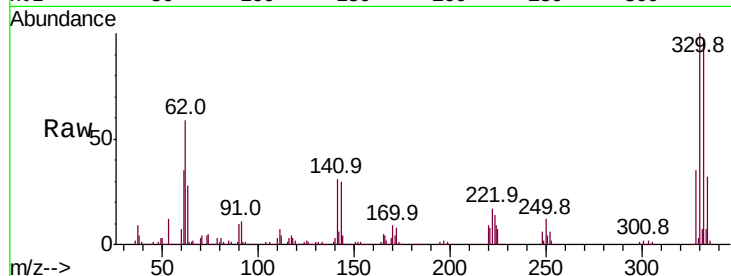




#42
 2,4,6-Tribromophenol
 Concen: 163.936 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119564.D
 Acq: 27 Mar 2020 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032520

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	31.7	25.4	38.0

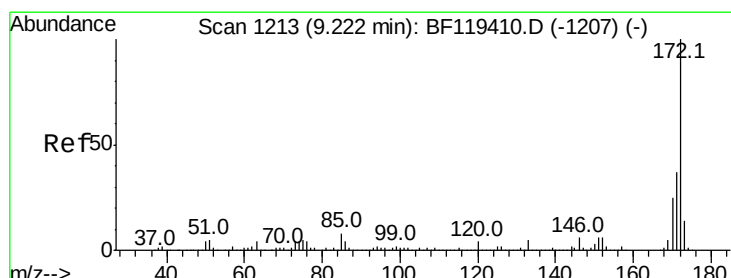
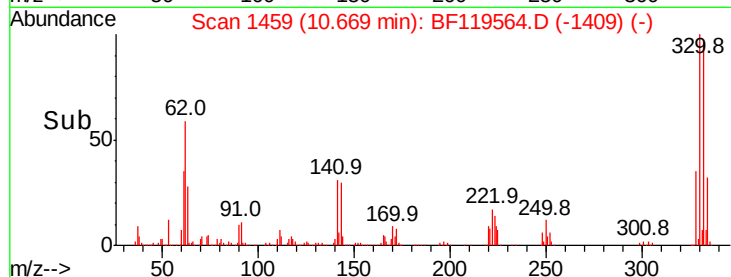
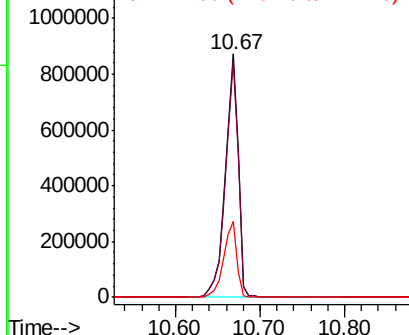


Abundance

Ion 329.80 (329.50 to 330.50): E

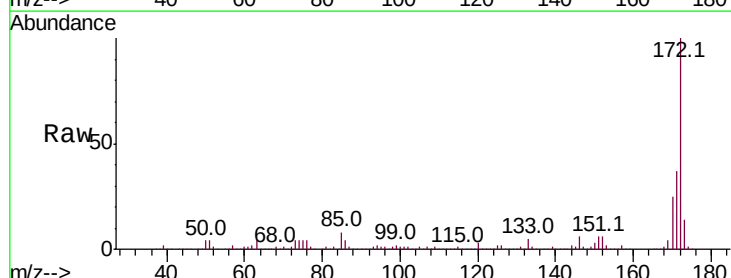
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.007 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119564.D
 Acq: 27 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	25.1	20.2	30.2

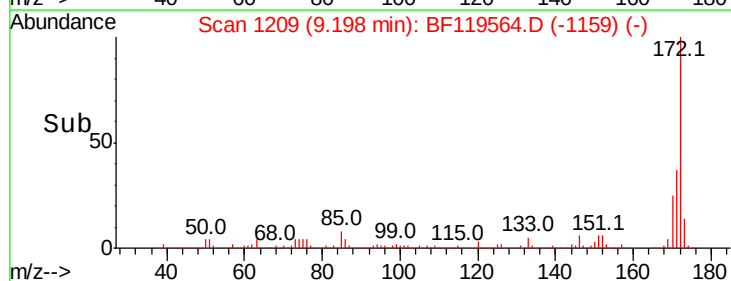
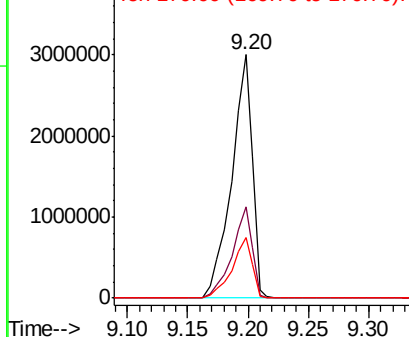


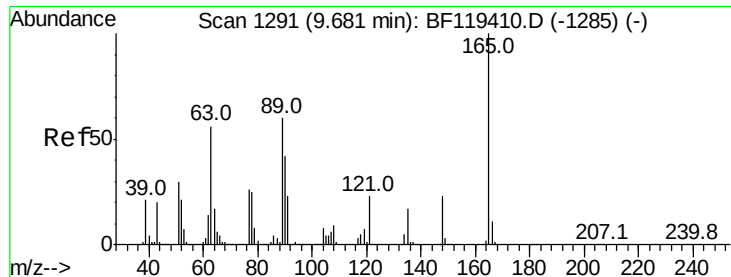
Abundance

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

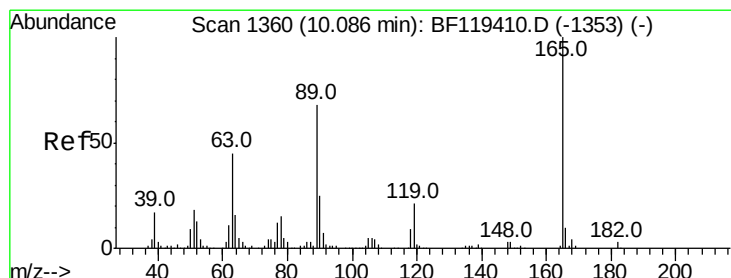
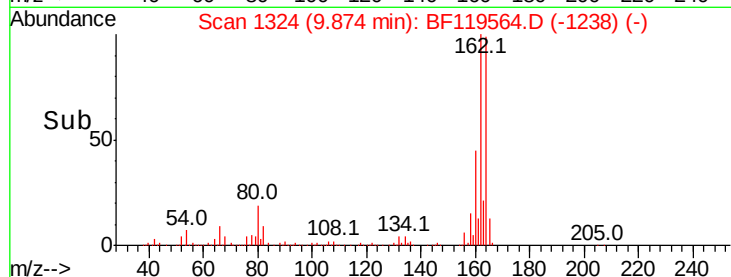
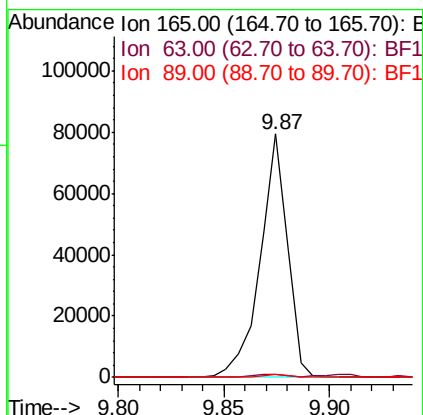
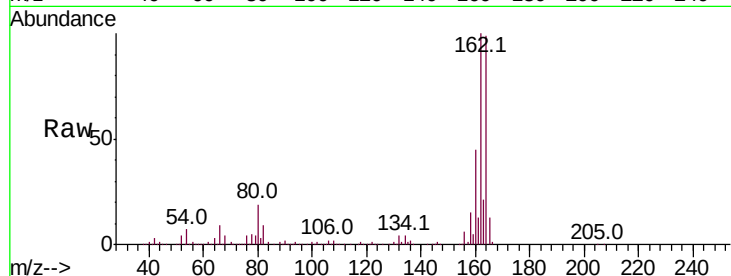




#51
 2,6-Dinitrotoluene
 Concen: 8.548 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119564.D
 Acq: 27 Mar 2020 12:42

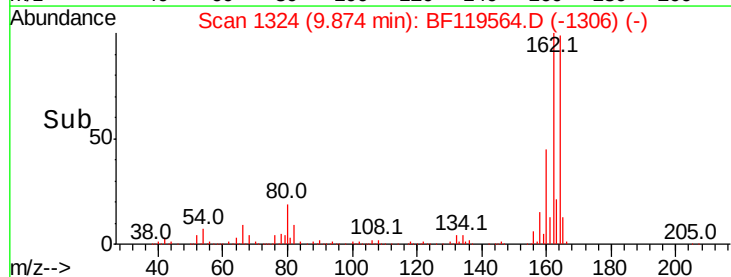
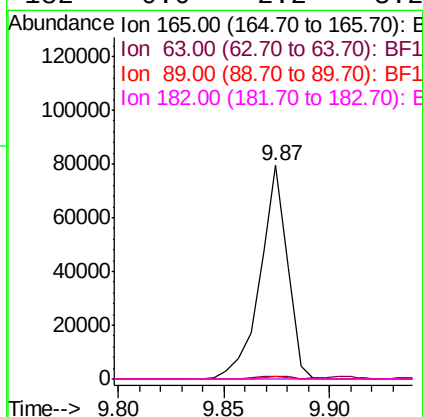
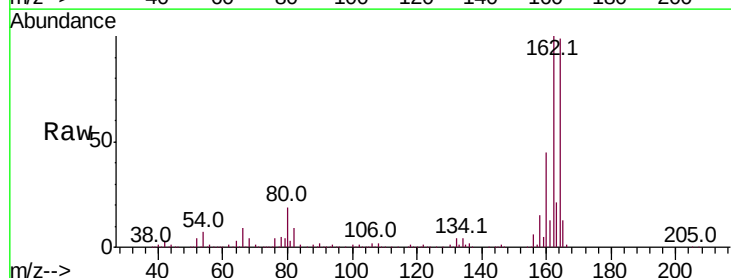
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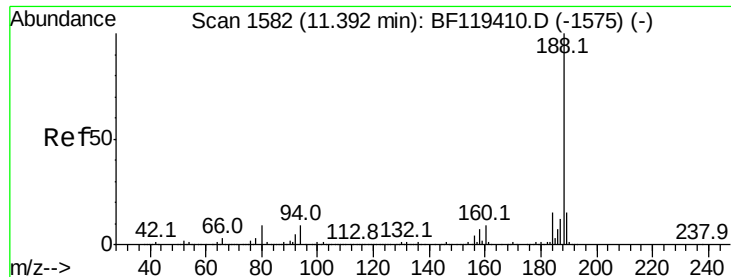
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.2	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.786 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119564.D
 Acq: 27 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

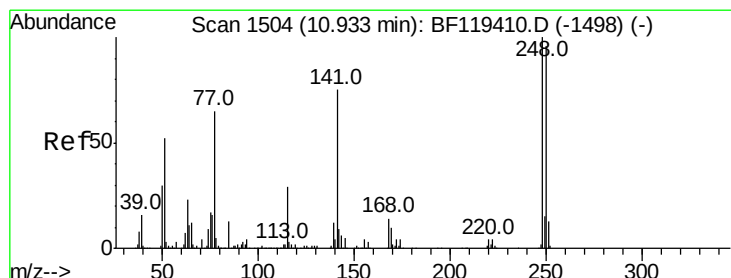
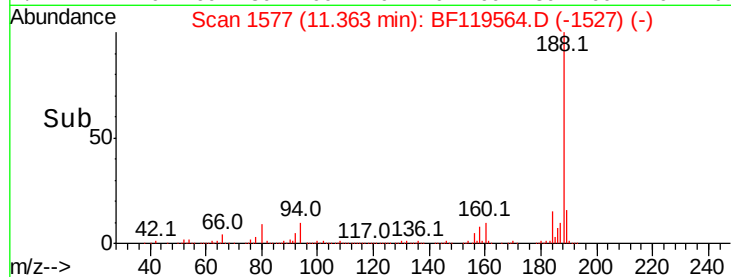
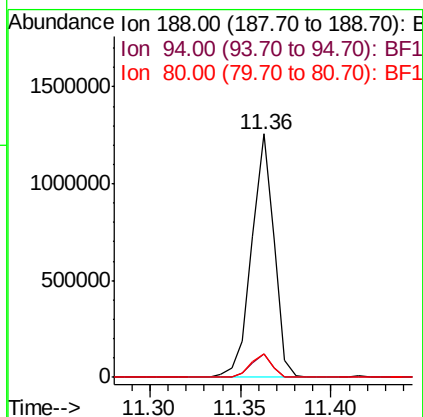
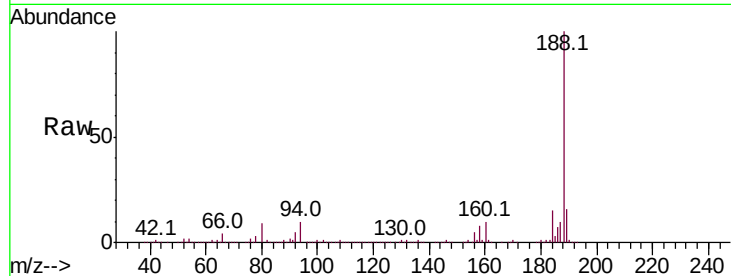




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

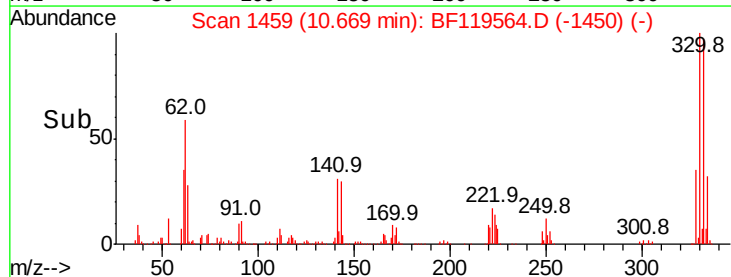
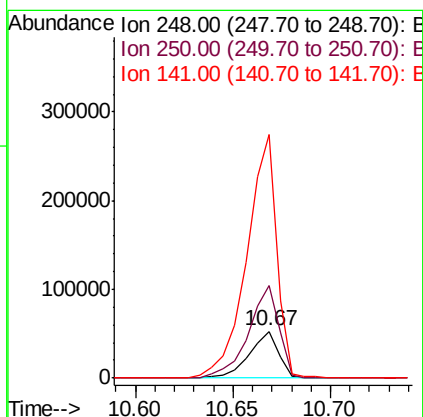
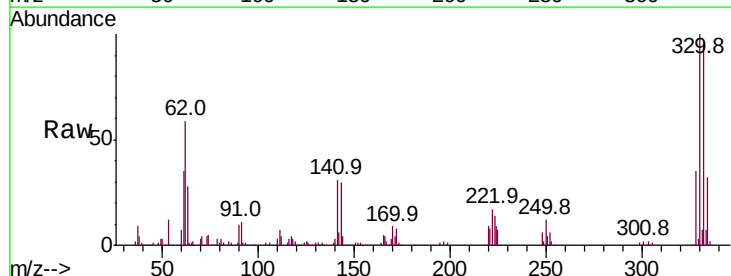
Instrument :
BNA_F
ClientSampleId :
SU-02-032520

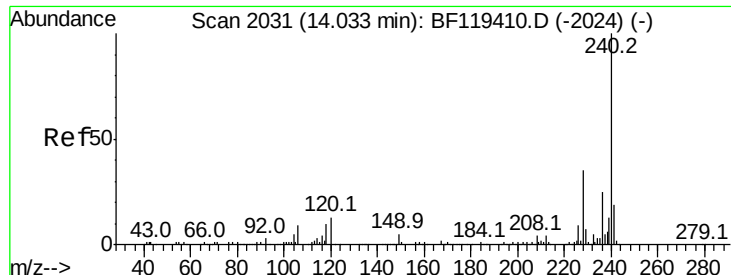
Tot Ion:188 Resp: 1081782
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.4 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.458 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

Tgt Ion:248 Resp: 54925
Ion Ratio Lower Upper
248 100
250 197.0 77.3 115.9#
141 518.8 58.6 87.8#

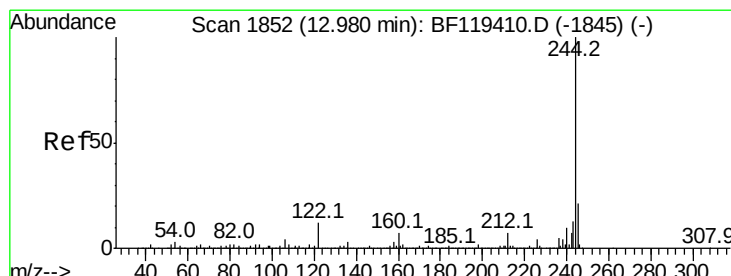
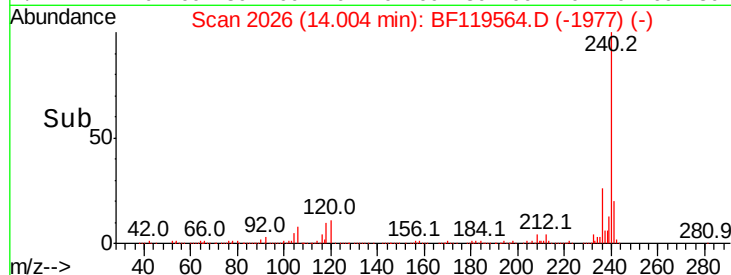
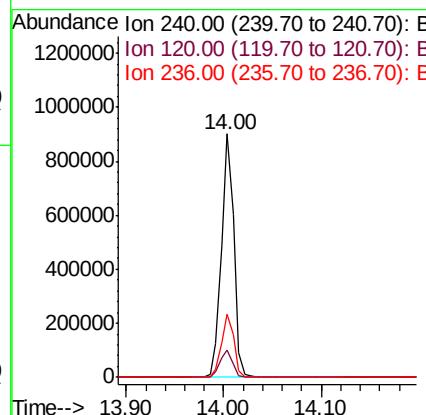
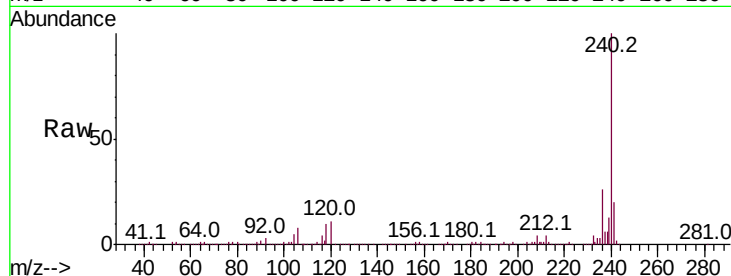




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119564.D
 Acq: 27 Mar 2020 12:42

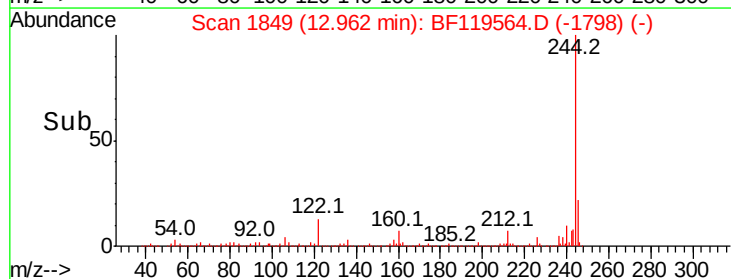
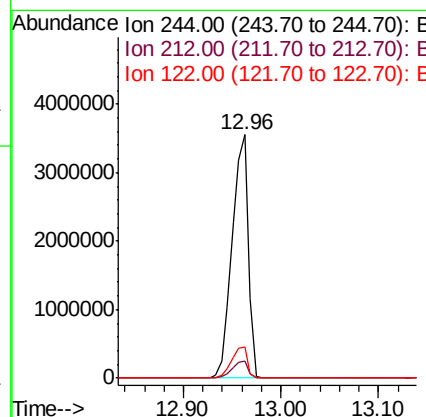
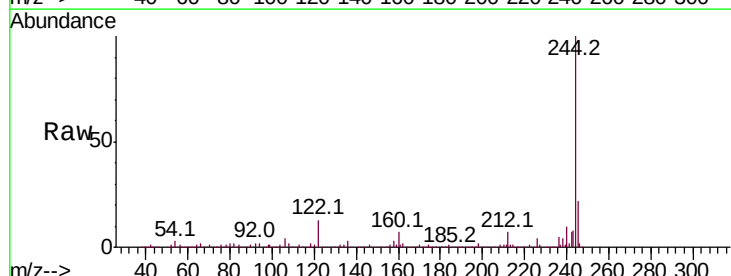
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032520

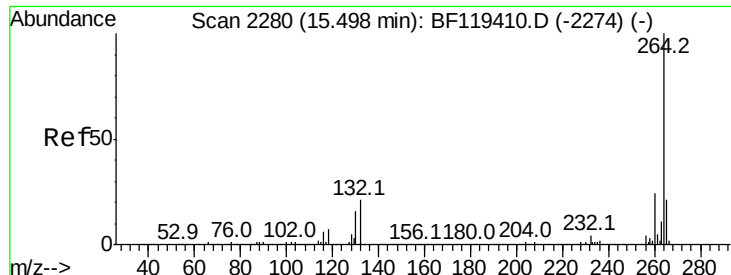
Tot Ion:240 Resp: 793989
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 26.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 100.950 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119564.D
 Acq: 27 Mar 2020 12:42

Tgt Ion:244 Resp: 4091090
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.8 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119564.D
Acq: 27 Mar 2020 12:42

Instrument :
BNA_F
ClientSampleId :
SU-02-032520

Tot Ion:	264	Resp:	651062
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.7	26.5

