

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133762.D
 Acq On : 14 Jun 2023 20:58
 Operator : CG\JU
 Sample : 03092-05RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2RE

Quant Time: Jun 15 01:30:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

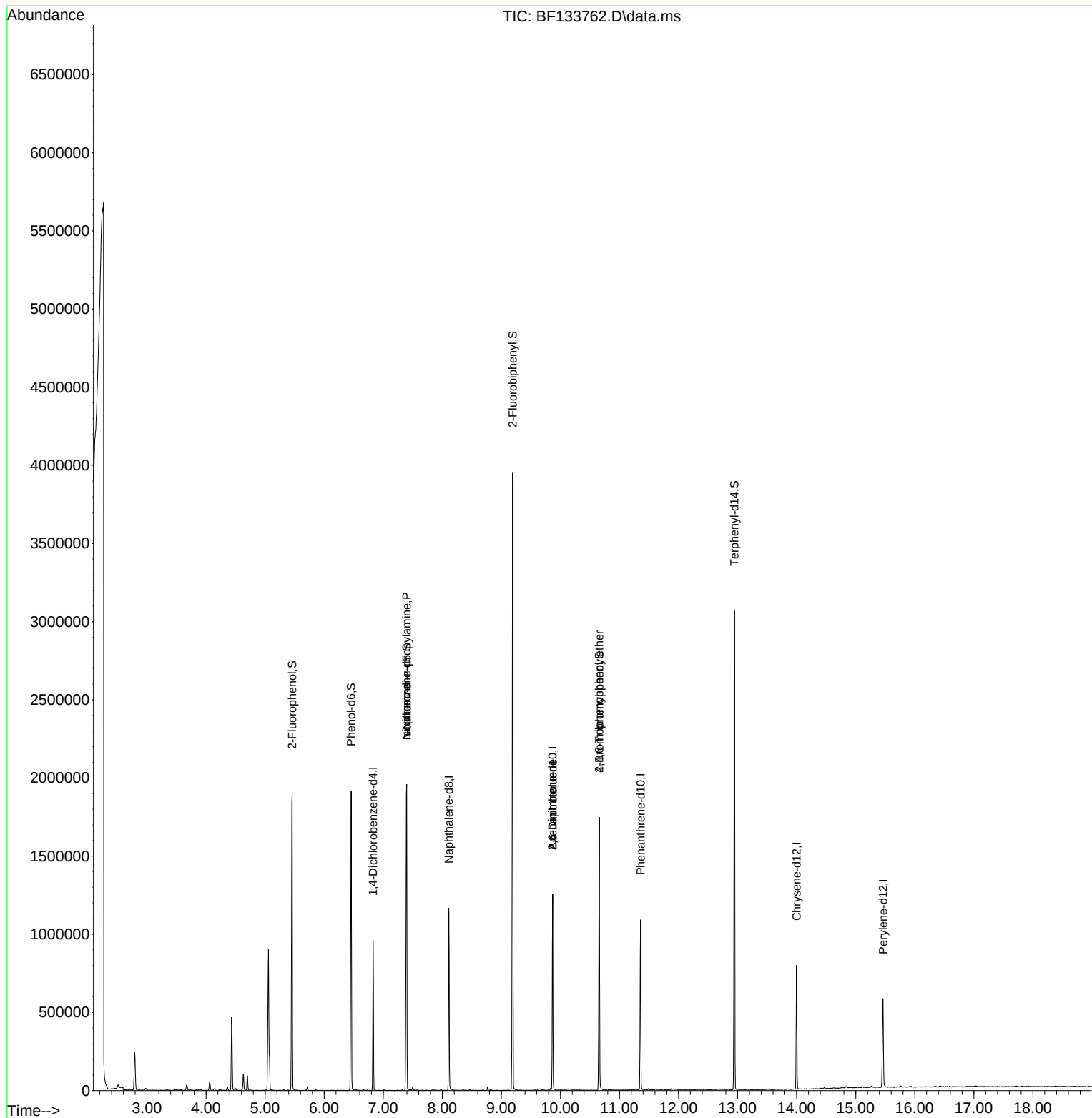
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	126959	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	474827	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	225380	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	382969	20.000	ng	0.00
76) Chrysene-d12	13.998	240	246871	20.000	ng	-0.01
86) Perylene-d12	15.462	264	269938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	506280	69.423	ng	0.01
7) Phenol-d6	6.457	99	553891	58.349	ng	-0.01
23) Nitrobenzene-d5	7.398	82	655987	75.247	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	193936	67.978	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1161546	73.261	ng	0.00
79) Terphenyl-d14	12.945	244	1005741	63.038	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	94541	15.653	ng	# 75
25) Isophorone	7.398	82	655981	40.987	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	29644	8.537	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	29644	6.713	ng	# 19
67) 4-Bromophenyl-phenylether	10.657	248	12271	2.871	ng	# 1

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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TP-2RE

Quant Time: Jun 15 01:30:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 16:27:59 2023
Response via : Initial Calibration

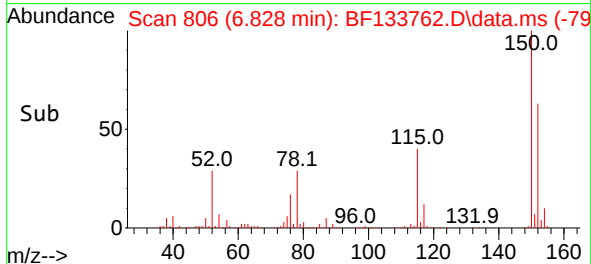
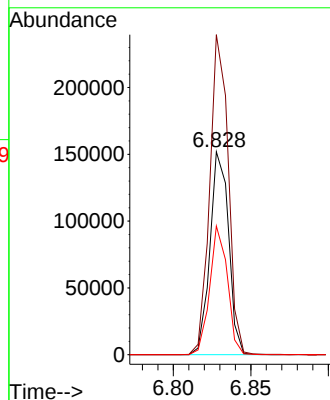
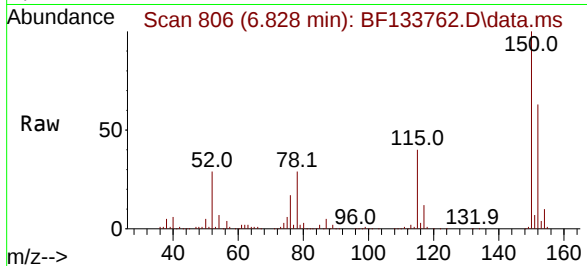




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

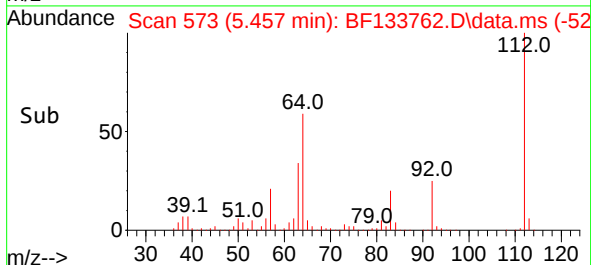
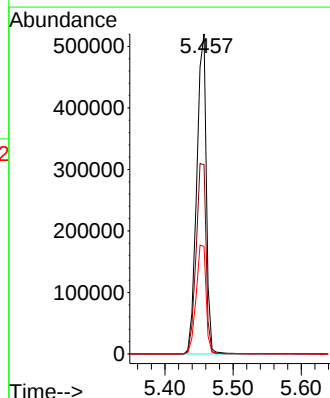
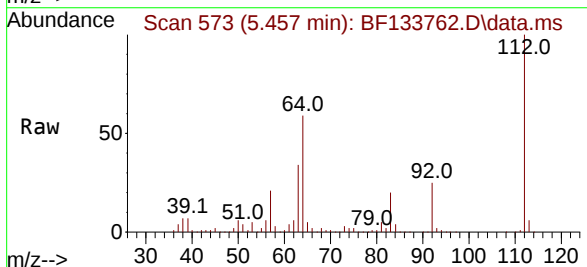
Instrument :
BNA_F
ClientSampleId :
TP-2RE

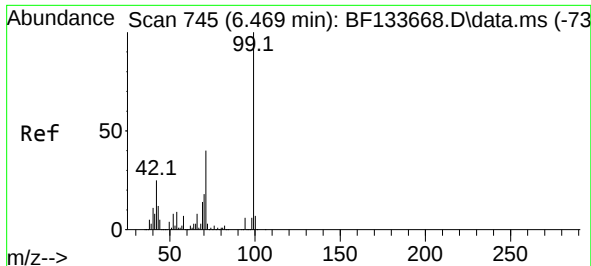
Tgt Ion:152 Resp: 126959
Ion Ratio Lower Upper
152 100
150 157.7 124.3 186.5
115 63.4 48.5 72.7



#5
2-Fluorophenol
Concen: 69.423 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion:112 Resp: 506280
Ion Ratio Lower Upper
112 100
64 59.1 49.0 73.4
63 33.6 26.8 40.2

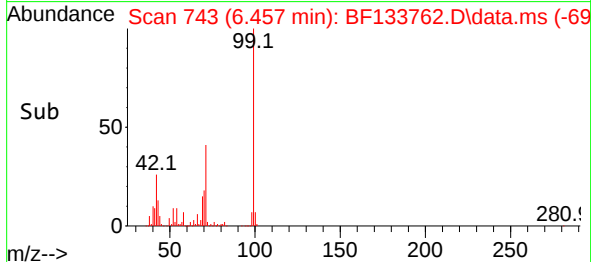
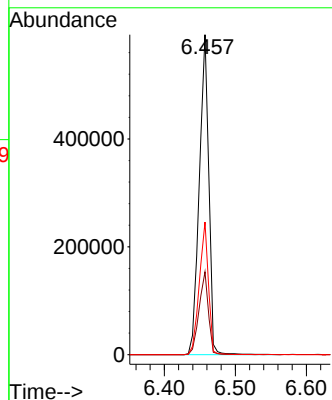
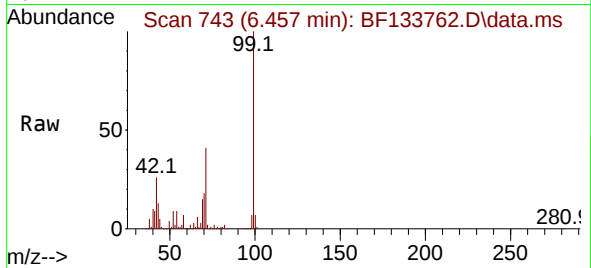




#7
Phenol-d6
Concen: 58.349 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

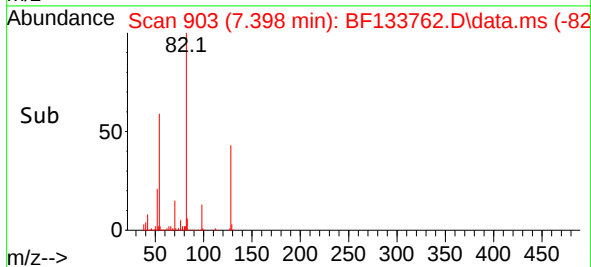
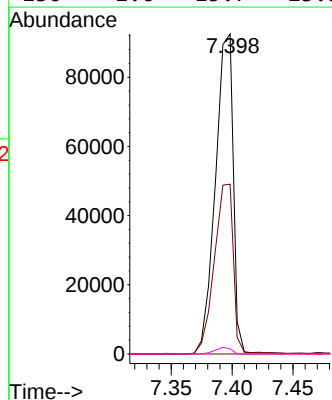
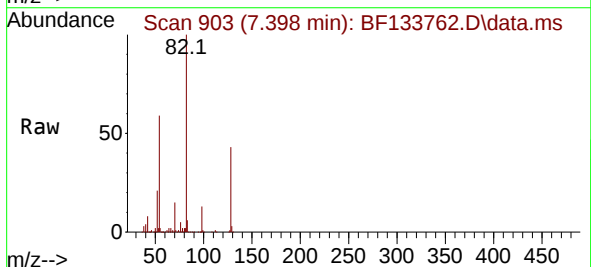
Instrument :
BNA_F
ClientSampleId :
TP-2RE

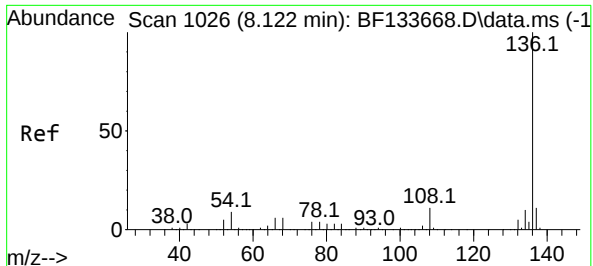
Tgt Ion: 99 Resp: 553891
Ion Ratio Lower Upper
99 100
42 25.9 19.9 29.9
71 41.5 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.653 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion: 70 Resp: 94541
Ion Ratio Lower Upper
70 100
42 53.1 55.8 83.8#
101 0.0 8.1 12.1#
130 1.6 15.7 23.5#

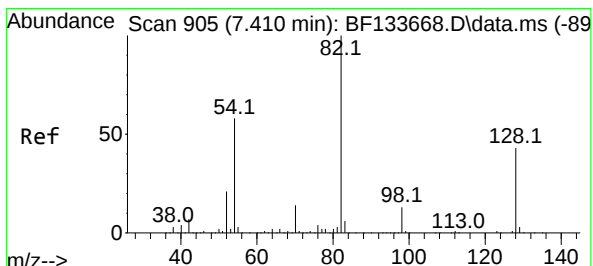
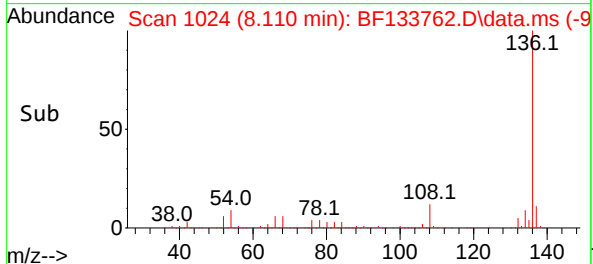
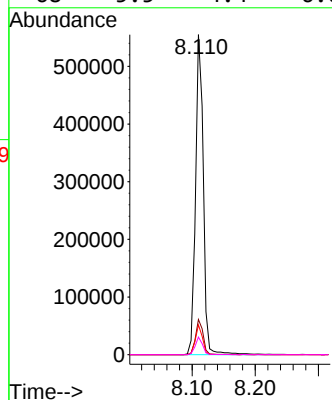
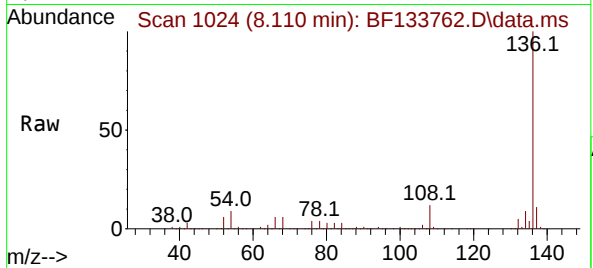




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

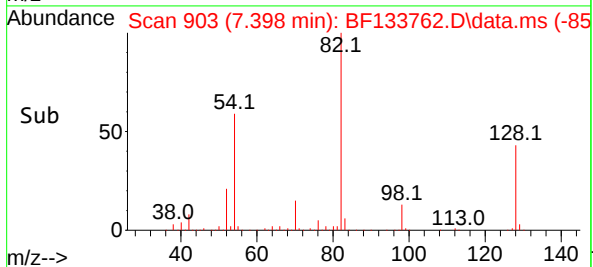
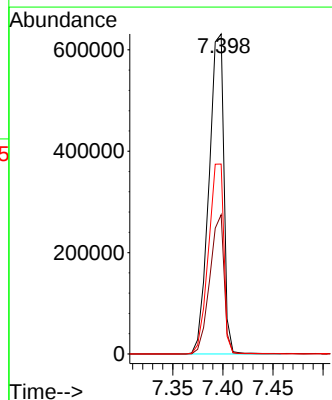
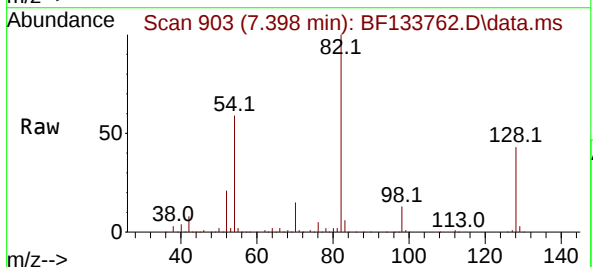
Instrument :
BNA_F
ClientSampleId :
TP-2RE

Tgt Ion:136 Resp: 474827
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.3 7.4 11.0
68 5.5 4.4 6.6



#23
Nitrobenzene-d5
Concen: 75.247 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion: 82 Resp: 655987
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.2
54 59.3 46.5 69.7

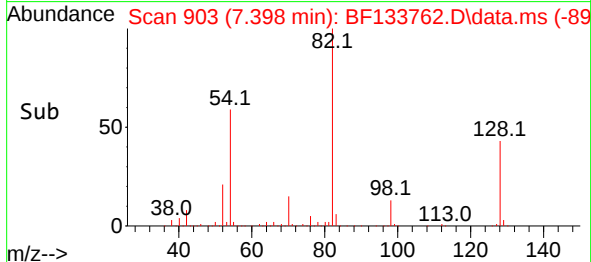
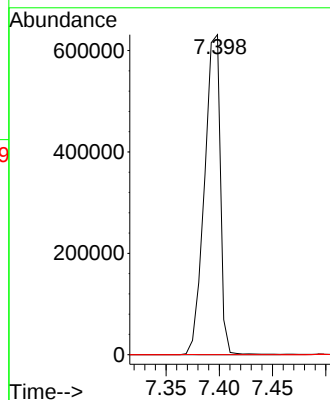
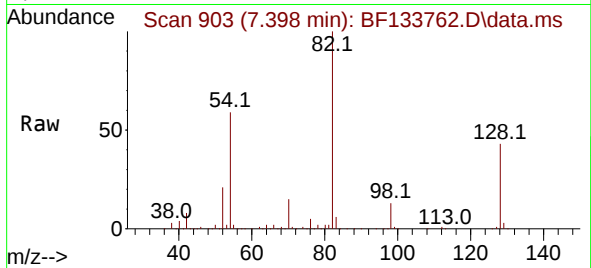




#25
Isophorone
Concen: 40.987 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

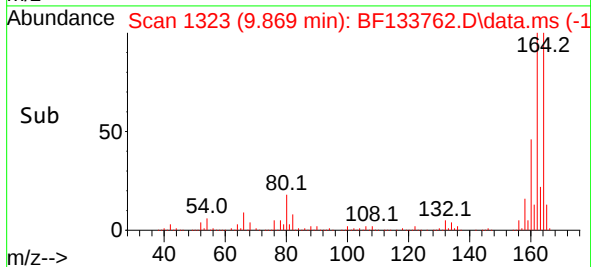
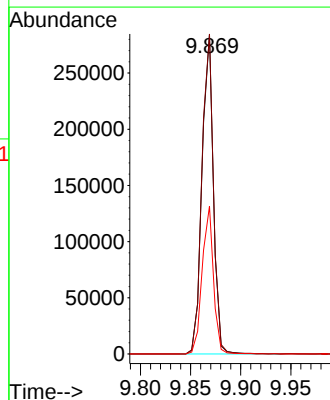
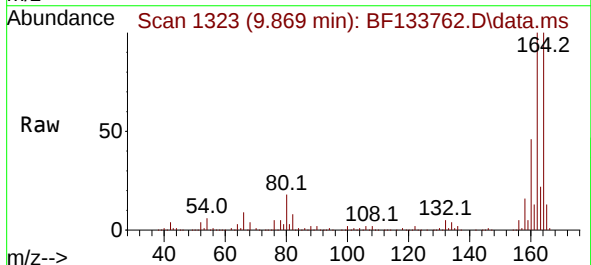
Instrument :
BNA_F
ClientSampleId :
TP-2RE

Tgt Ion: 82 Resp: 655981
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion:164 Resp: 225380
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 46.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 67.978 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF133762.D

Acq: 14 Jun 2023 20:58

Instrument :

BNA_F

ClientSampleId :

TP-2RE

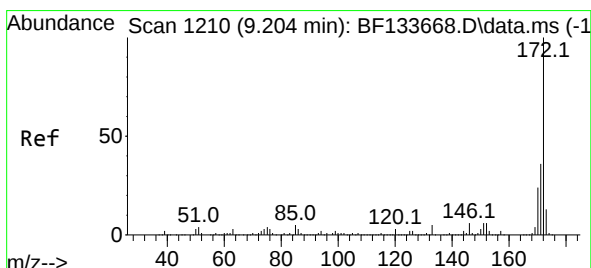
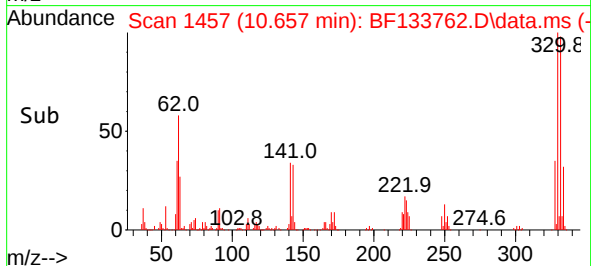
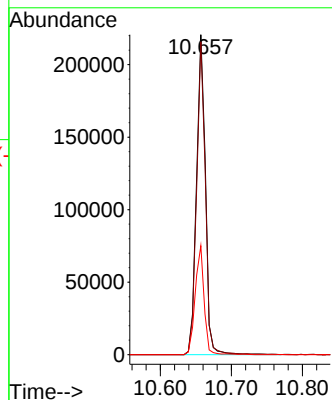
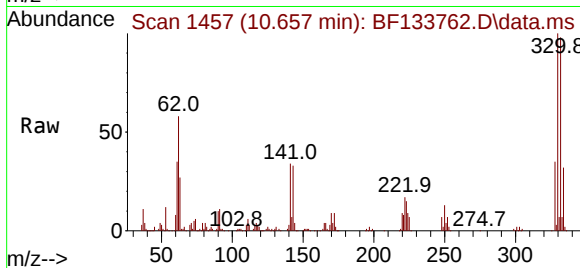
Tgt Ion:330 Resp: 193936

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 34.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 73.261 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133762.D

Acq: 14 Jun 2023 20:58

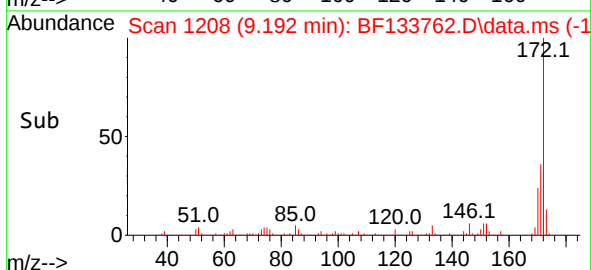
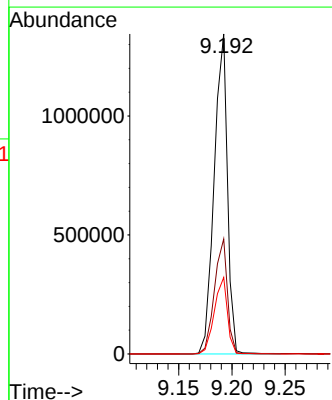
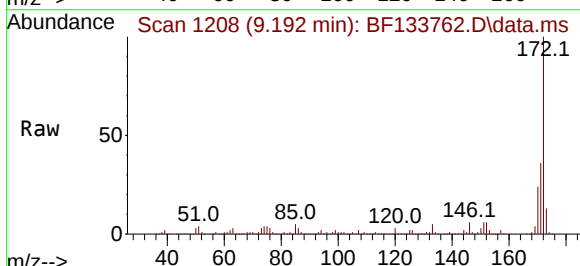
Tgt Ion:172 Resp: 1161546

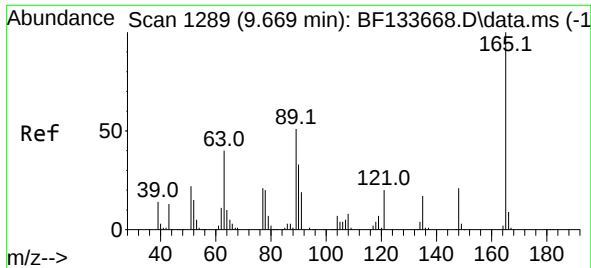
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.9 19.1 28.7

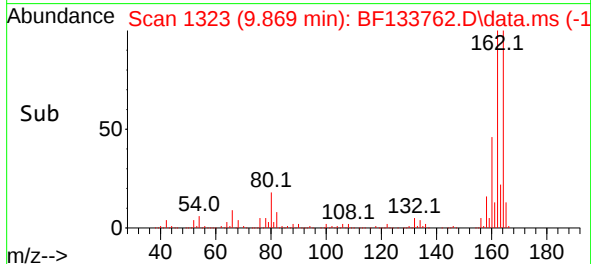
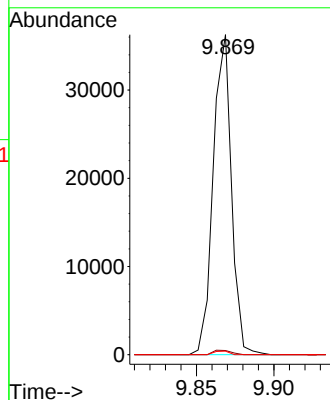
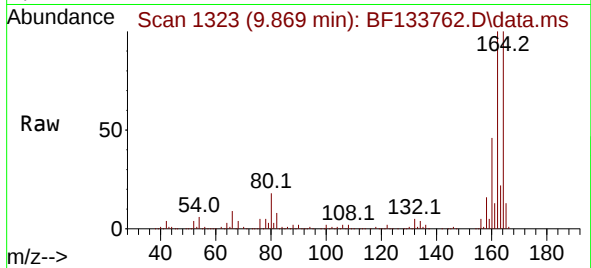




#51
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

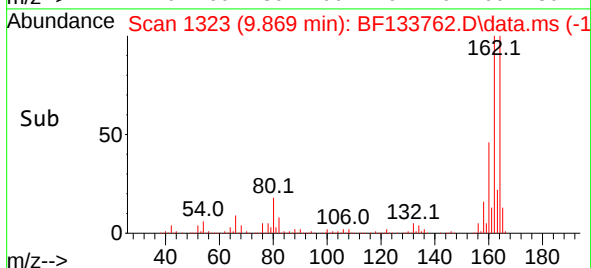
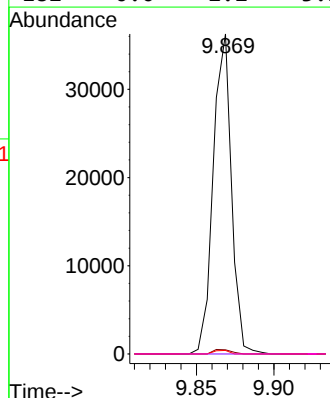
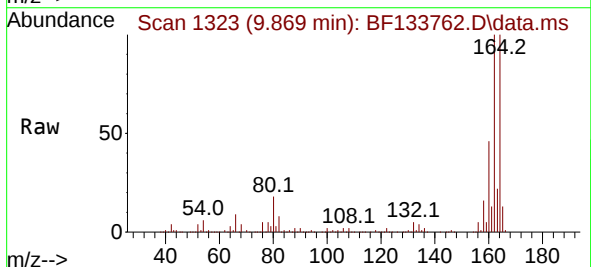
Instrument :
BNA_F
ClientSampleId :
TP-2RE

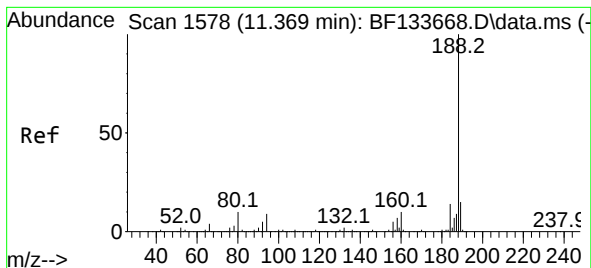
Tgt Ion:165 Resp: 29644
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 1.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Tgt Ion:165 Resp: 29644
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133762.D

Acq: 14 Jun 2023 20:58

Instrument :

BNA_F

ClientSampleId :

TP-2RE

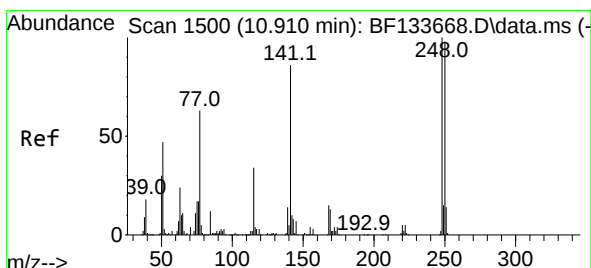
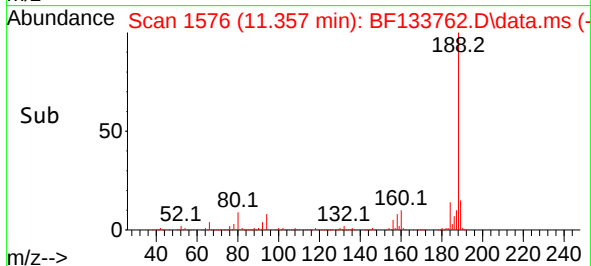
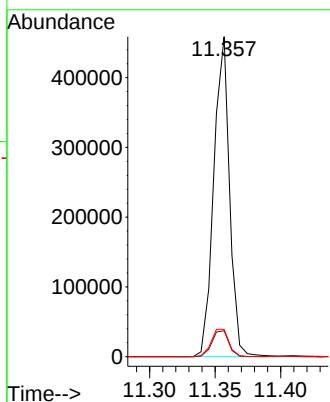
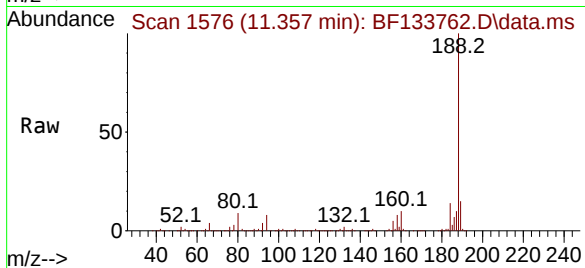
Tgt Ion:188 Resp: 382969

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.5 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 2.871 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133762.D

Acq: 14 Jun 2023 20:58

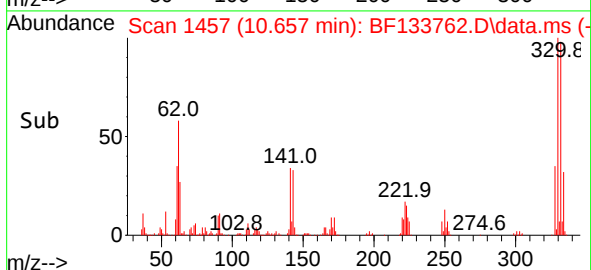
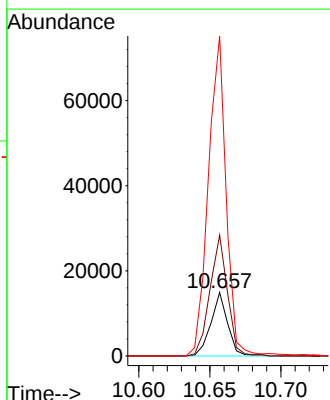
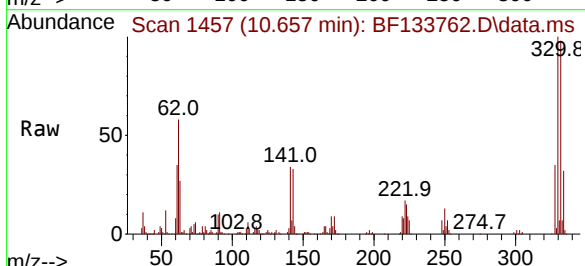
Tgt Ion:248 Resp: 12271

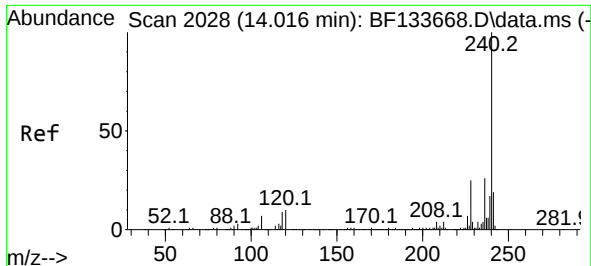
Ion Ratio Lower Upper

248 100

250 190.6 78.3 117.5#

141 504.2 69.0 103.6#

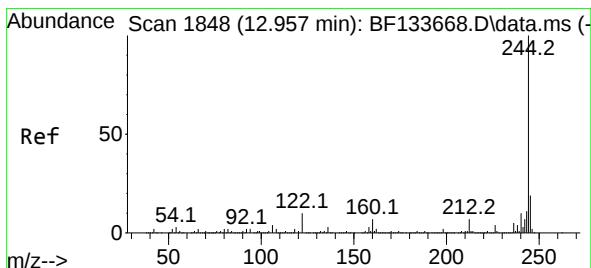
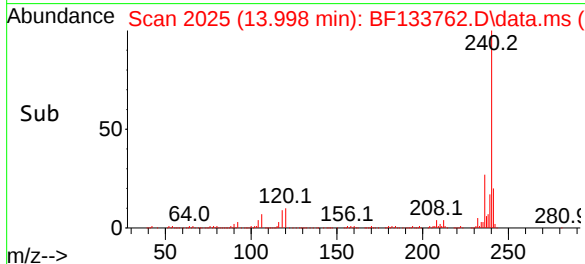
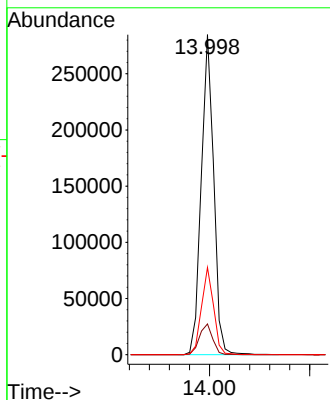
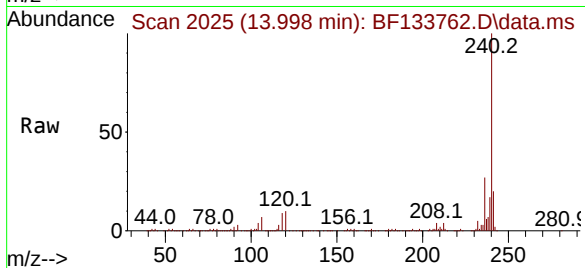




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

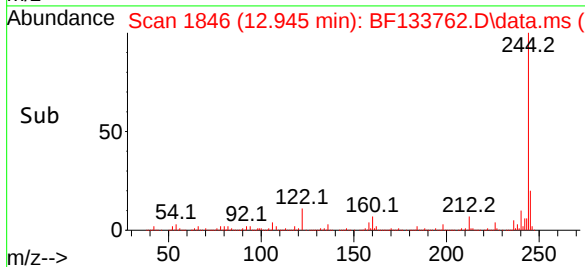
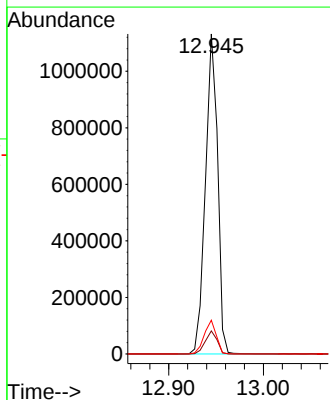
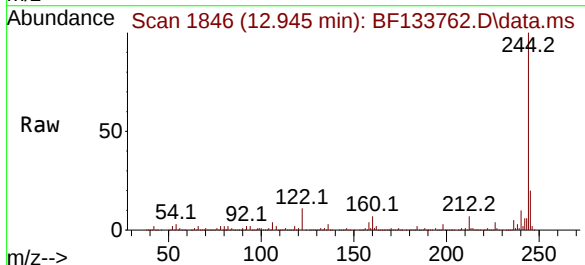
Instrument :
BNA_F
ClientSampleId :
TP-2RE

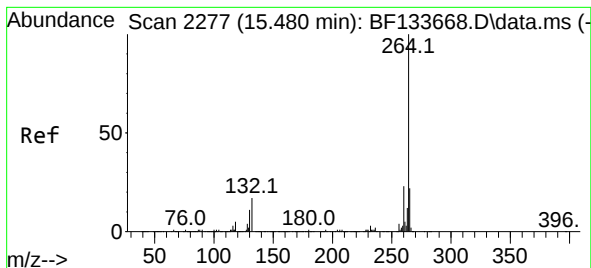
Tgt Ion:240 Resp: 246871
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 27.3 20.5 30.7



#79
Terphenyl-d14
Concen: 63.038 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

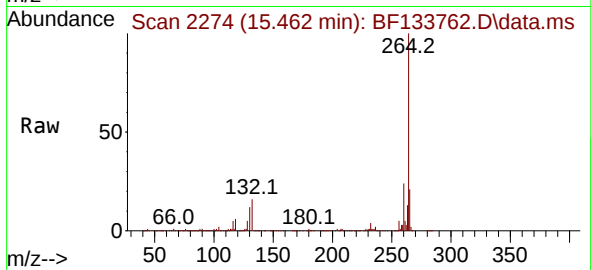
Tgt Ion:244 Resp: 1005741
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.6 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133762.D
Acq: 14 Jun 2023 20:58

Instrument :
BNA_F
ClientSampleId :
TP-2RE



Tgt Ion:264 Resp: 269938

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	20.9	17.8	26.6

