

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132660.D
 Acq On : 06 Mar 2023 21:16
 Operator : CG\JU
 Sample : 01787-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 00:59:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

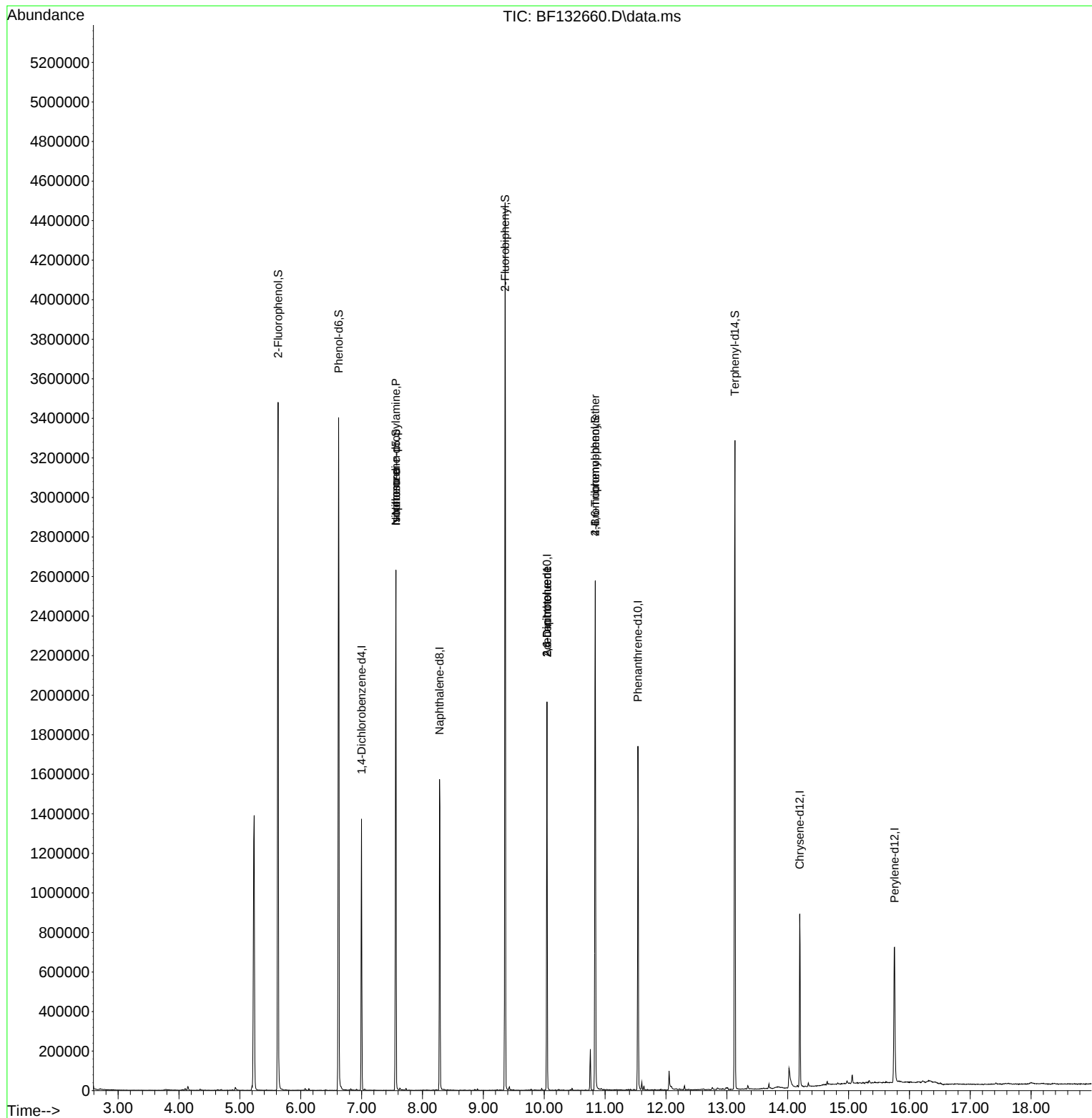
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	187392	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	687345	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	360234	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	632200	20.000	ng	0.00
76) Chrysene-d12	14.198	240	298093	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	364347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	997579	86.399	ng	0.00
7) Phenol-d6	6.622	99	1270258	84.297	ng	-0.01
23) Nitrobenzene-d5	7.563	82	817846	56.452	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	305626	78.560	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1339136	56.604	ng	-0.01
79) Terphenyl-d14	13.133	244	1164012	66.021	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	106663	11.501	ng	# 75
25) Isophorone	7.563	82	817837	29.444	ng	# 67
51) 2,6-Dinitrotoluene	10.045	165	46591	7.800	ng	# 22
57) 2,4-Dinitrotoluene	10.045	165	46591	5.863	ng	# 21
67) 4-Bromophenyl-phenylether	10.839	248	19834	2.774	ng	# 1

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

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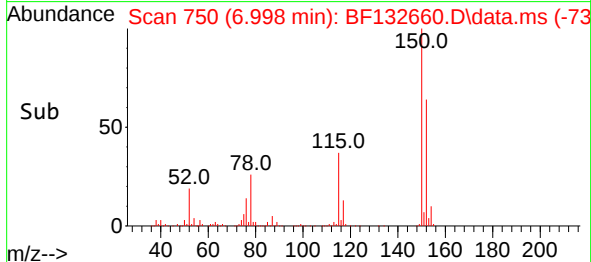
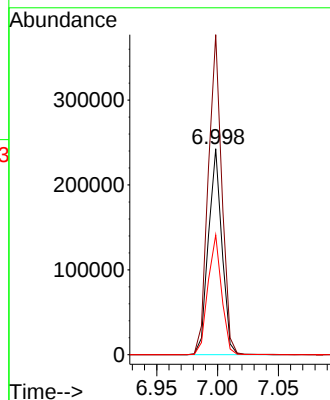
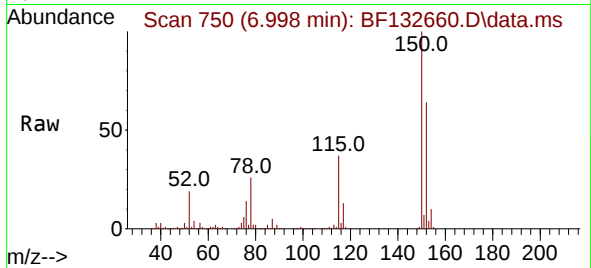




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

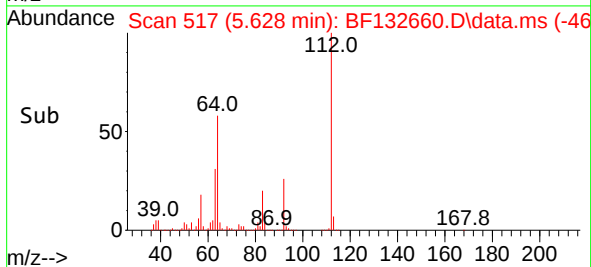
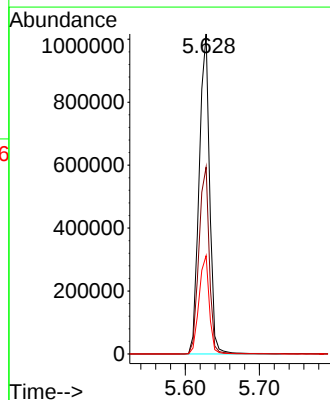
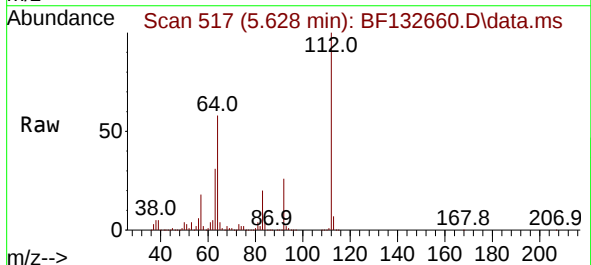
Instrument :
BNA_F
ClientSampleId :
COMP-2

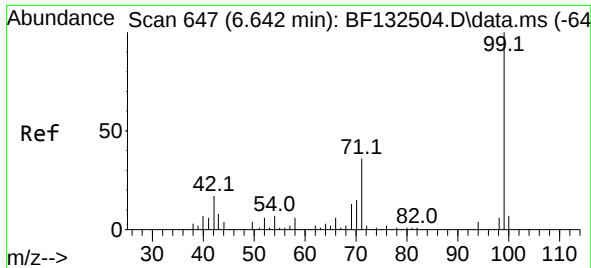
Tgt Ion:152 Resp: 187392
Ion Ratio Lower Upper
152 100
150 155.4 125.4 188.2
115 58.1 47.8 71.6



#5
2-Fluorophenol
Concen: 86.399 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion:112 Resp: 997579
Ion Ratio Lower Upper
112 100
64 58.4 51.6 77.4
63 30.7 27.4 41.2

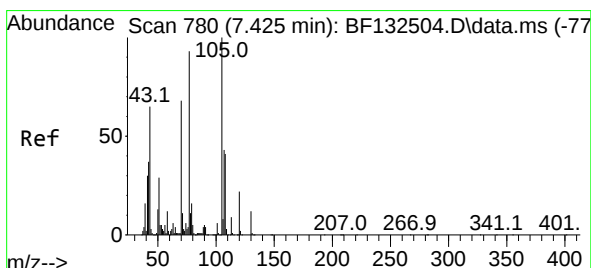
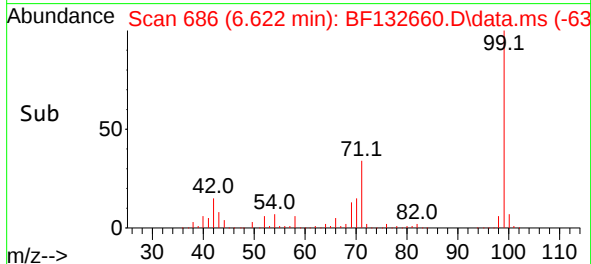
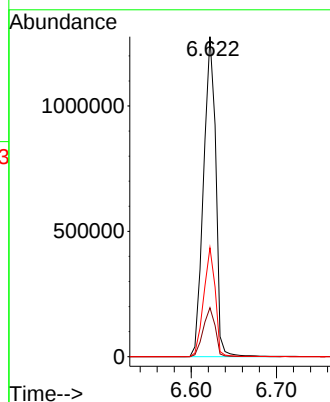
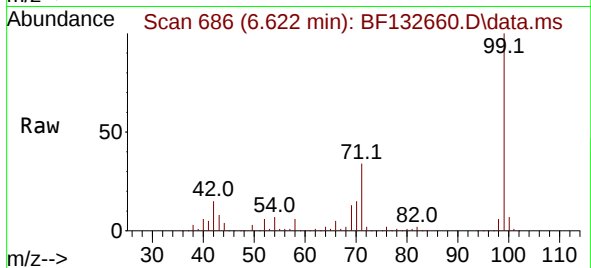




#7
Phenol-d6
Concen: 84.297 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

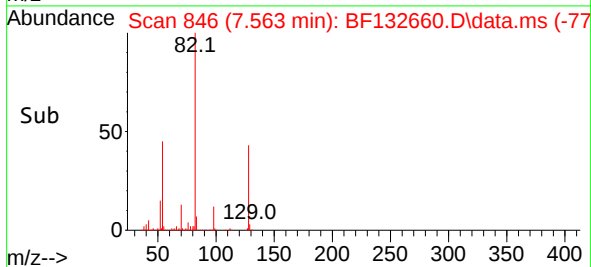
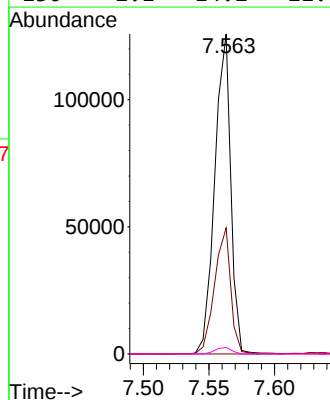
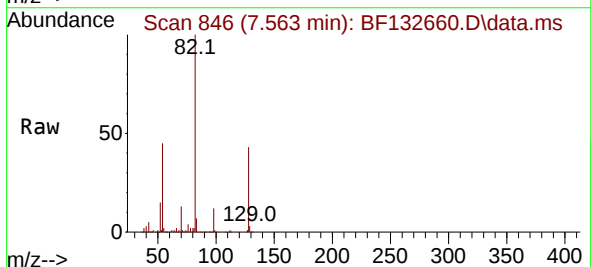
Instrument :
BNA_F
ClientSampleId :
COMP-2

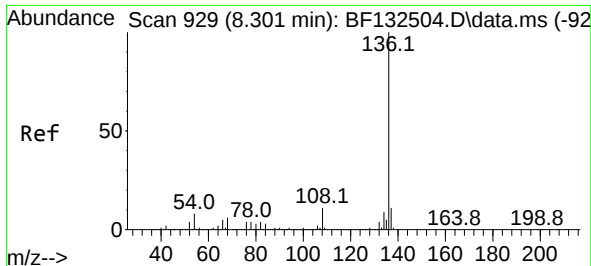
Tgt Ion: 99 Resp: 1270258
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 34.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.501 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion: 70 Resp: 106663
Ion Ratio Lower Upper
70 100
42 39.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#

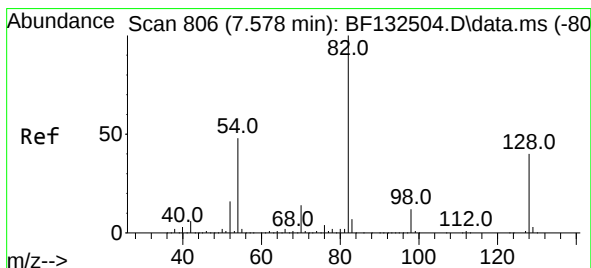
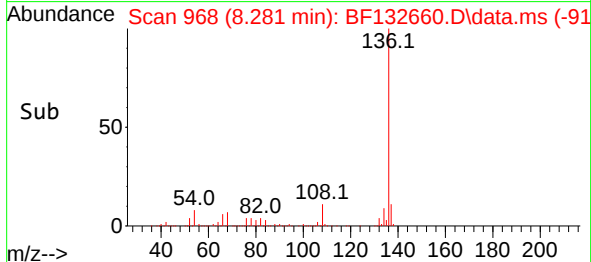
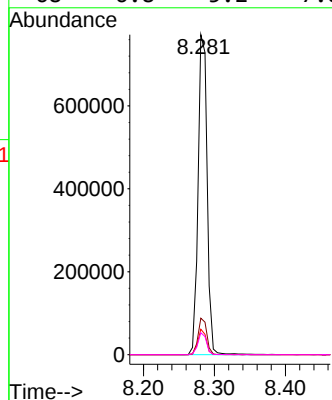
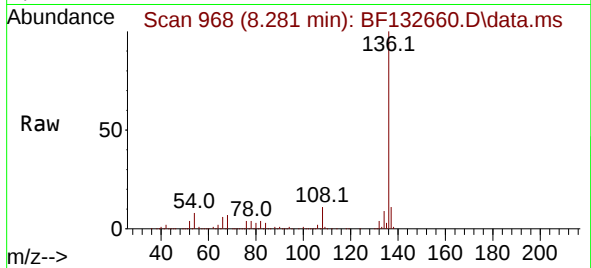




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 91
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

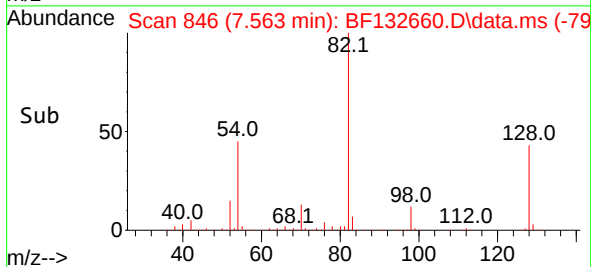
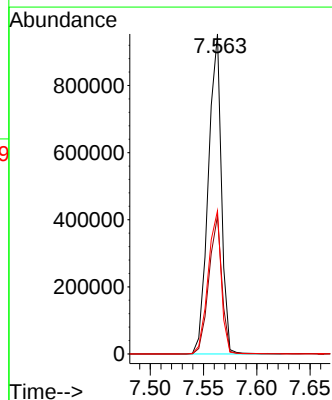
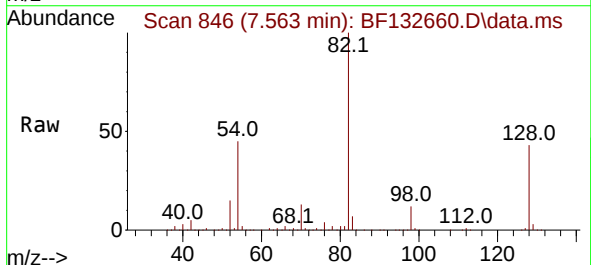
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:136 Resp: 687345
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.9 6.2 9.4
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 56.452 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion: 82 Resp: 817846
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 44.8 38.4 57.6

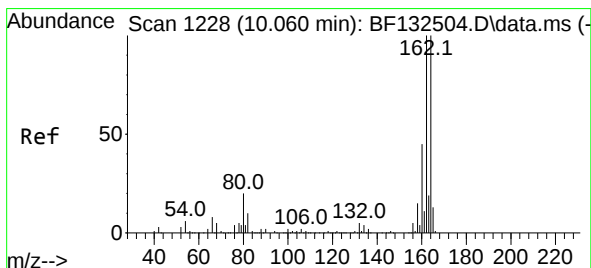
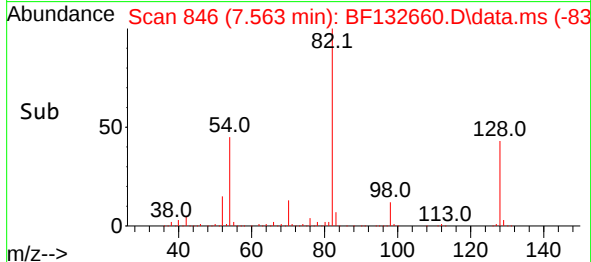
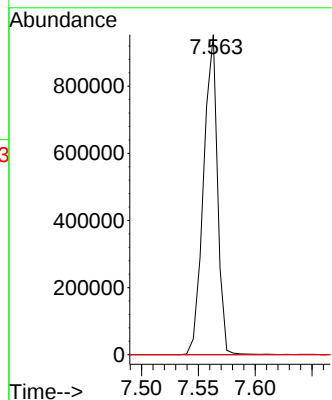
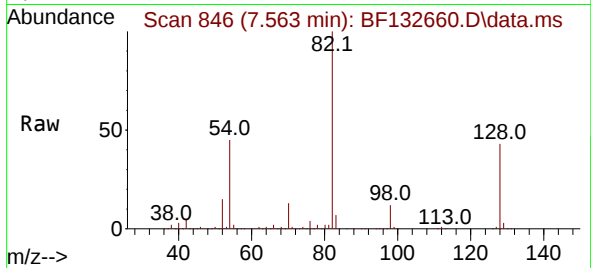




#25
Isophorone
Concen: 29.444 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

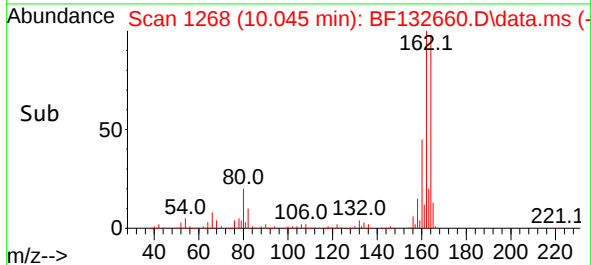
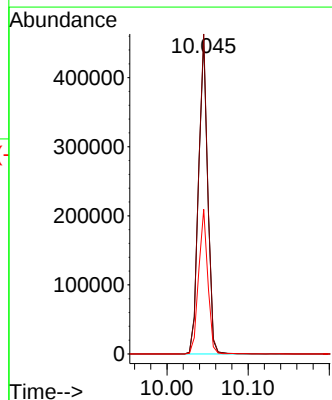
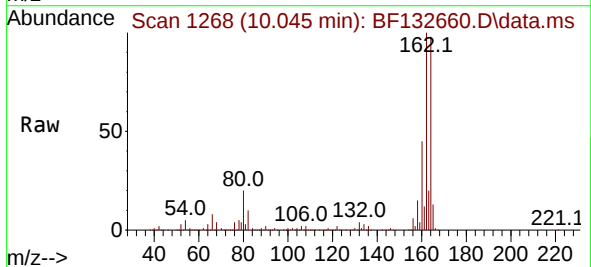
Instrument :
BNA_F
ClientSampleId :
COMP-2

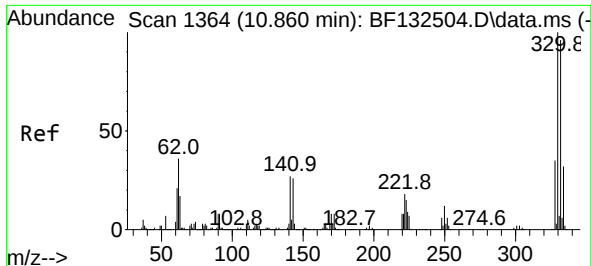
Tgt Ion: 82 Resp: 817837
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

Tgt Ion:164 Resp: 360234
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 46.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 78.560 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.009 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-2

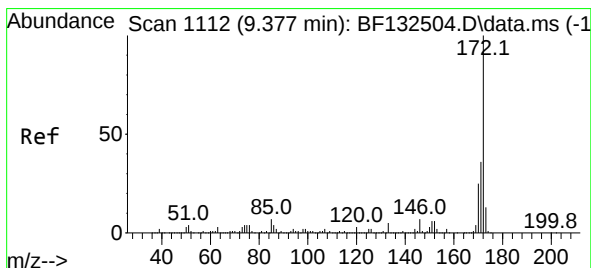
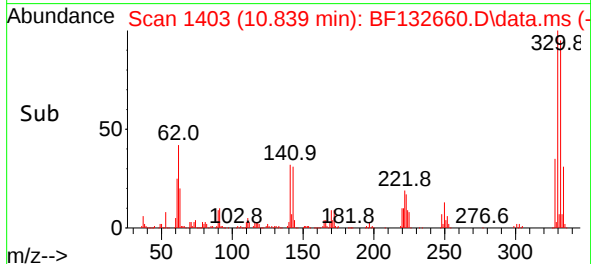
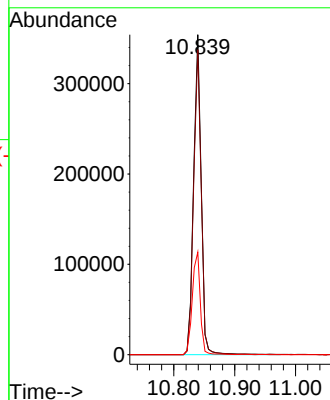
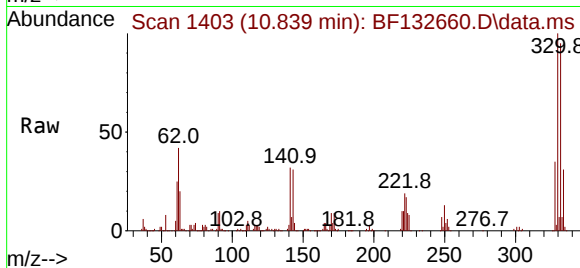
Tgt Ion:330 Resp: 305626

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 33.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 56.604 ng

RT: 9.357 min Scan# 1151

Delta R.T. -0.015 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

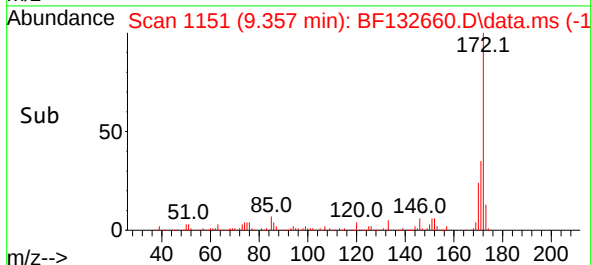
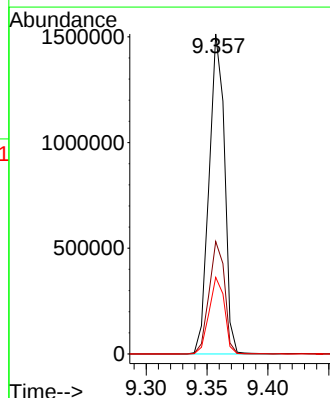
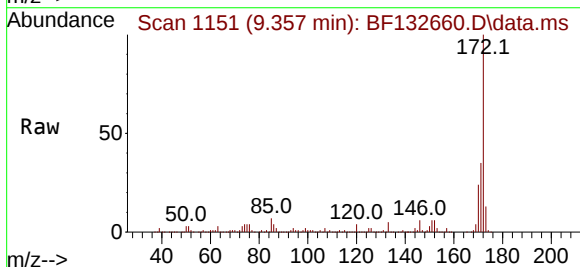
Tgt Ion:172 Resp: 1339136

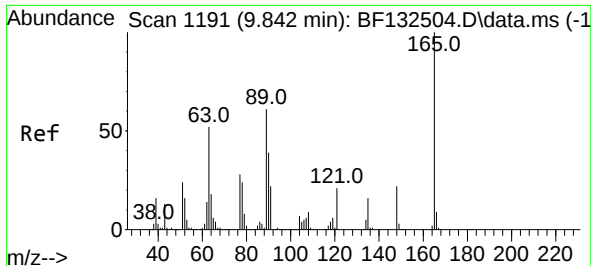
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.9 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 7.800 ng

RT: 10.045 min Scan# 1191

Delta R.T. 0.209 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-2

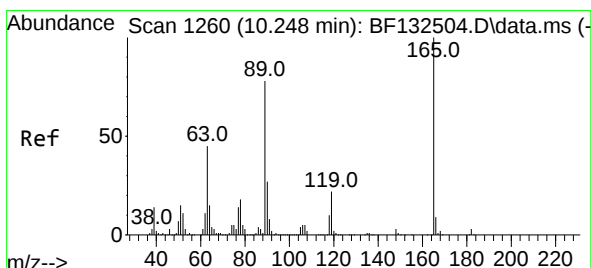
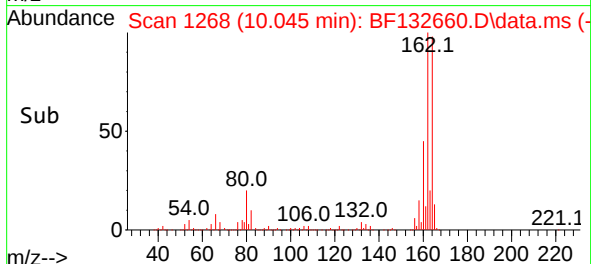
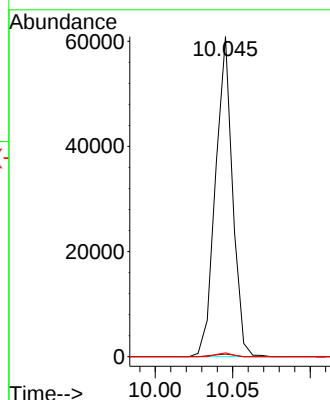
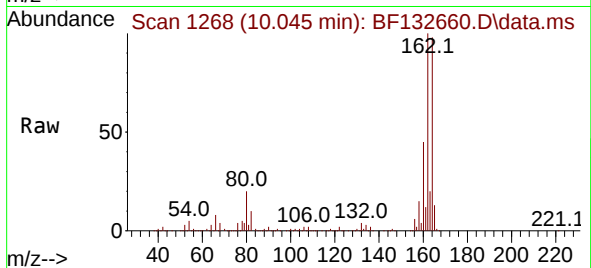
Tgt Ion:165 Resp: 46591

Ion Ratio Lower Upper

165 100

63 0.8 47.3 70.9#

89 1.2 48.9 73.3#



#57

2,4-Dinitrotoluene

Concen: 5.863 ng

RT: 10.045 min Scan# 1268

Delta R.T. -0.197 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

Tgt Ion:165 Resp: 46591

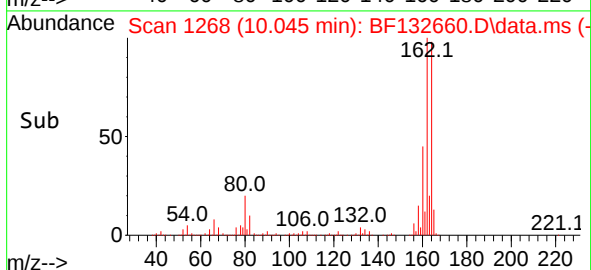
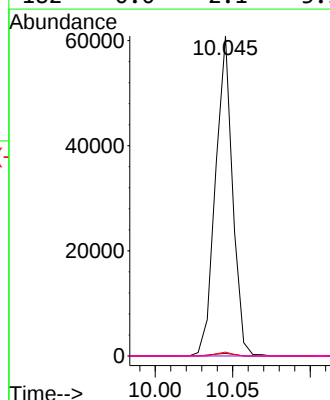
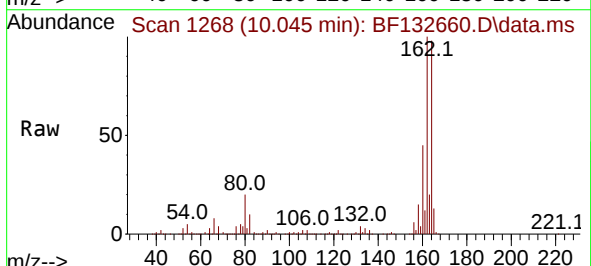
Ion Ratio Lower Upper

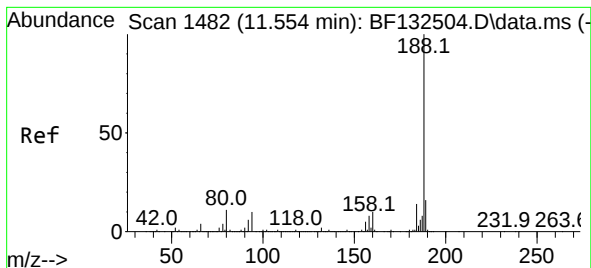
165 100

63 0.8 36.5 54.7#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.539 min Scan# 1

Delta R.T. -0.009 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

Instrument :

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ClientSampleId :

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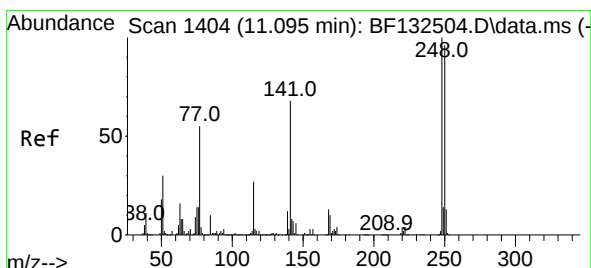
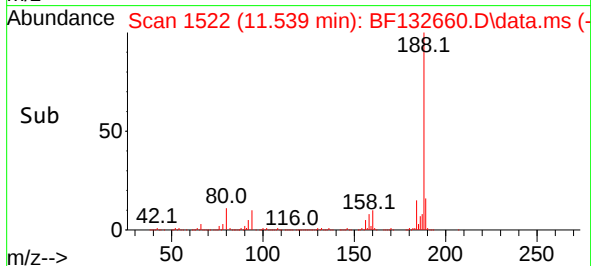
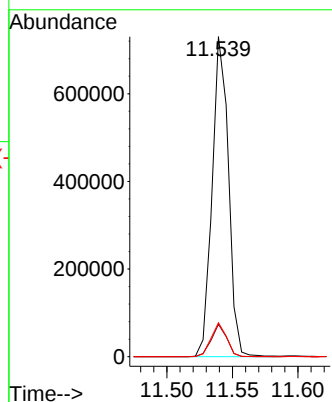
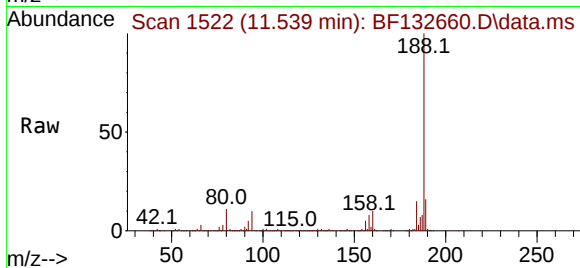
Tgt Ion:188 Resp: 632200

Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.6 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 2.774 ng

RT: 10.839 min Scan# 1403

Delta R.T. -0.250 min

Lab File: BF132660.D

Acq: 06 Mar 2023 21:16

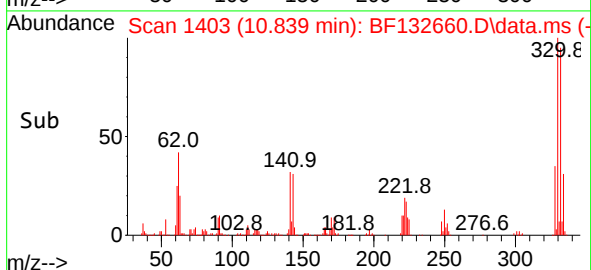
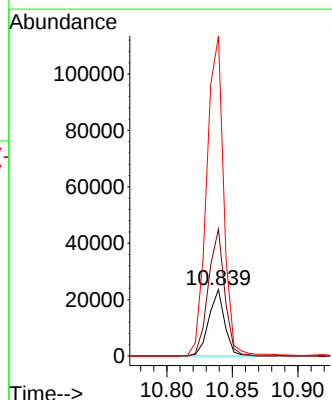
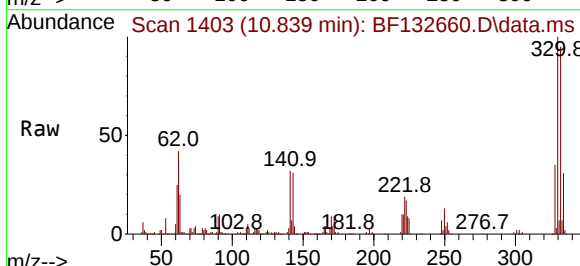
Tgt Ion:248 Resp: 19834

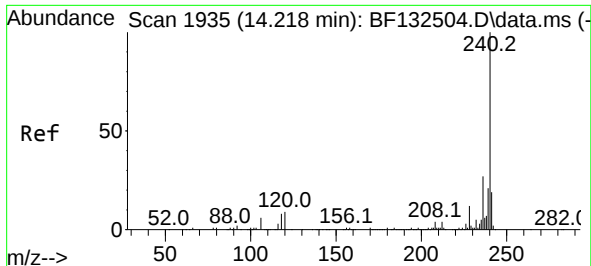
Ion Ratio Lower Upper

248 100

250 191.3 77.0 115.4#

141 482.3 54.2 81.2#

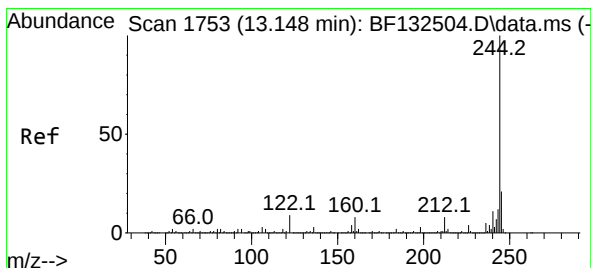
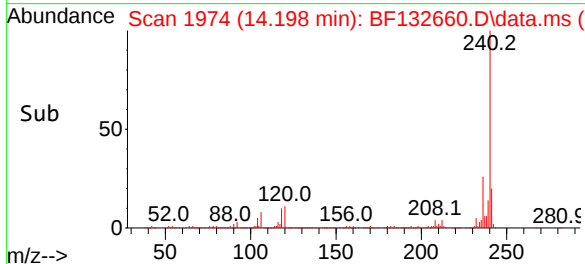
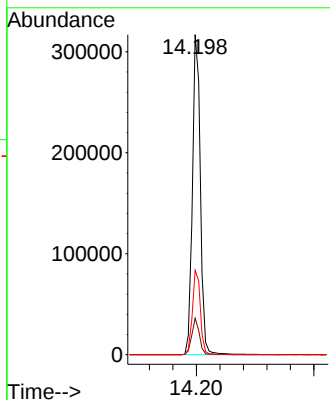
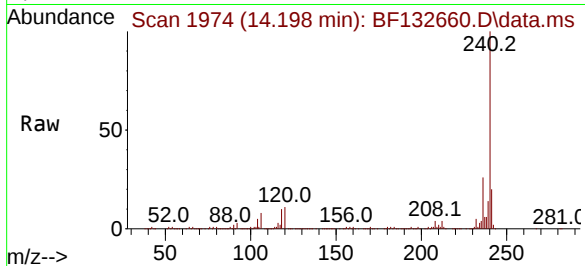




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

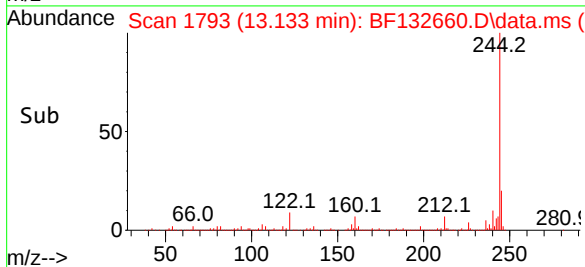
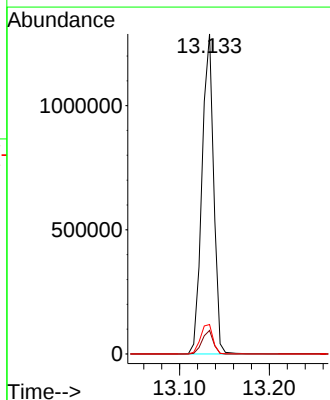
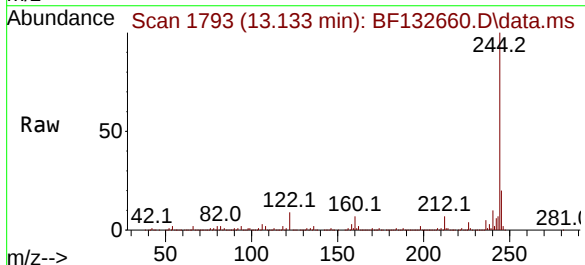
Instrument :
BNA_F
ClientSampleId :
COMP-2

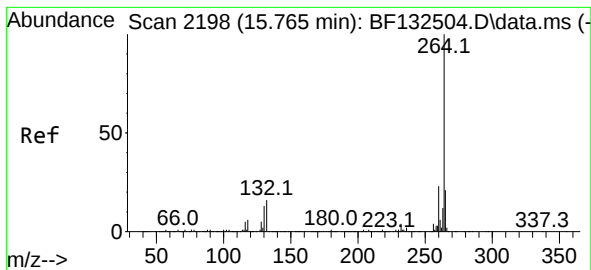
Tgt Ion:240 Resp: 298093
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 26.4 21.8 32.6



#79
Terphenyl-d14
Concen: 66.021 ng
RT: 13.133 min Scan# 1793
Delta R.T. -0.009 min
Lab File: BF132660.D
Acq: 06 Mar 2023 21:16

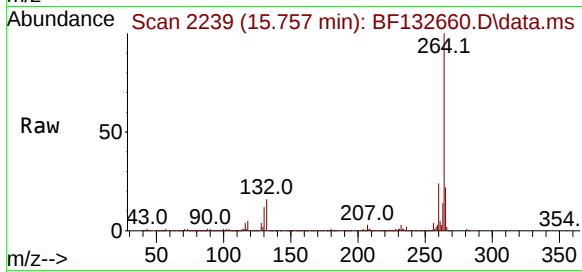
Tgt Ion:244 Resp: 1164012
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 9.2 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BF132660.D
 Acq: 06 Mar 2023 21:16

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2



Tgt Ion:264 Resp: 364347
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.2 17.1 25.7

