

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141152.D
 Acq On : 14 Jan 2025 18:12
 Operator : RC/JU
 Sample : Q1076-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006

Quant Time: Jan 15 00:12:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

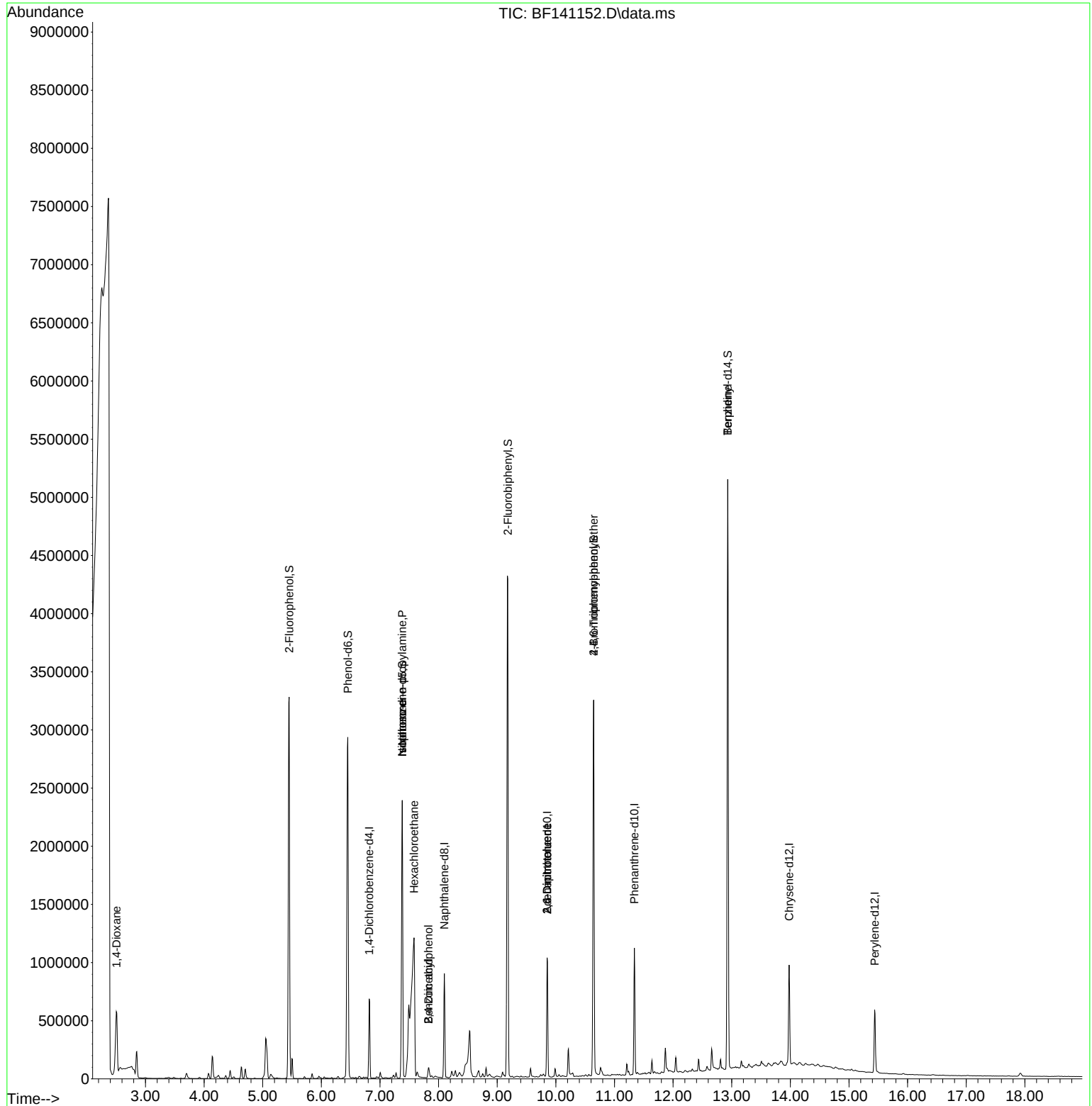
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	146840	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	573236	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	317028	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	540934	20.000	ng	0.00
76) Chrysene-d12	13.980	240	405778	20.000	ng	0.00
86) Perylene-d12	15.439	264	323443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1432083	150.660	ng	0.02
7) Phenol-d6	6.451	99	1746378	145.041	ng	0.00
23) Nitrobenzene-d5	7.381	82	1171915	108.370	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	652091	180.518	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2122322	102.227	ng	0.00
79) Terphenyl-d14	12.933	244	2612778	95.702	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.505	88	16764	3.960	ng	# 1
18) Hexachloroethane	7.581	117	10548	2.545	ng	# 2
19) n-Nitroso-di-n-propyla...	7.381	70	161141	22.719	ng	# 76
25) Isophorone	7.381	82	1167868	63.194	ng	# 65
27) 2,4-Dimethylphenol	7.828	122	21842	3.159	ng	# 4
32) Benzoic acid	7.828	122	21842	3.293	ng	# 97
51) 2,6-Dinitrotoluene	9.851	165	40236	8.130	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	40236	6.308	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	38691	6.213	ng	# 1
77) Benzidine	12.933	184	35015	4.653	ng	# 93

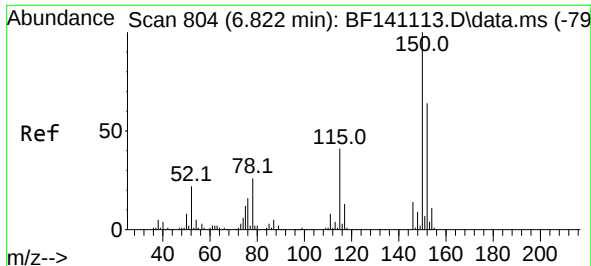
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
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QLast Update : Fri Jan 10 22:54:19 2025
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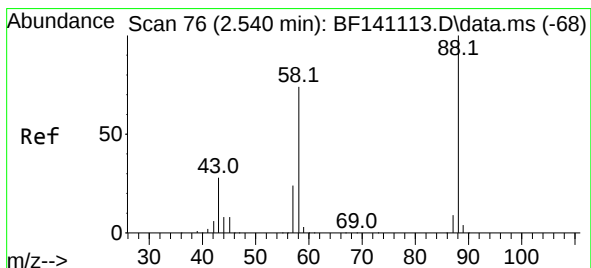
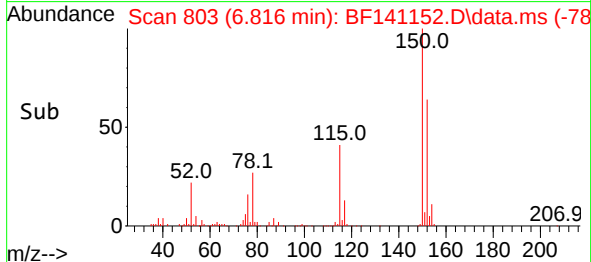
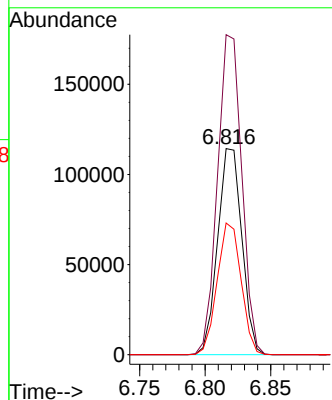
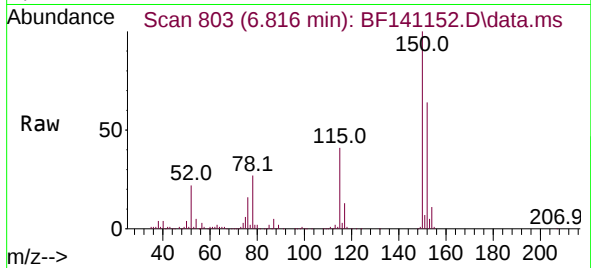




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141152.D
 Acq: 14 Jan 2025 18:12

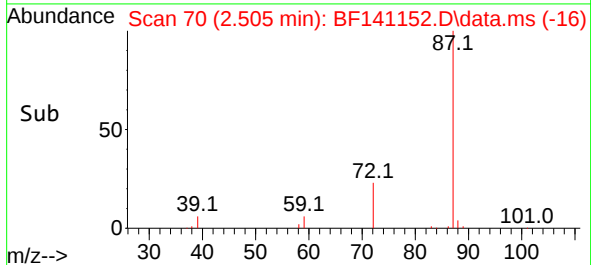
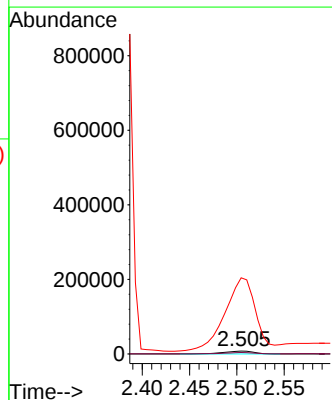
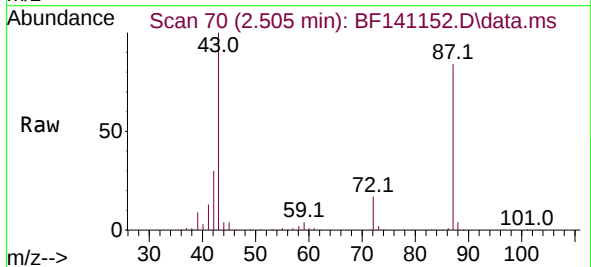
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0006

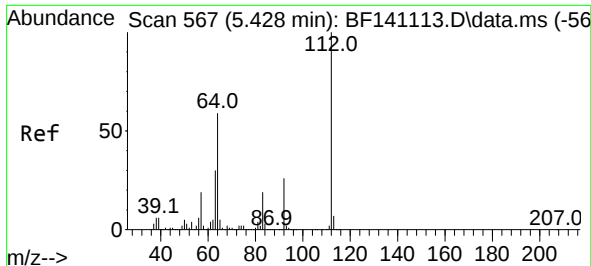
Tgt Ion:152 Resp: 146840
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.8 188.8
 115 63.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: 3.960 ng
 RT: 2.505 min Scan# 70
 Delta R.T. -0.035 min
 Lab File: BF141152.D
 Acq: 14 Jan 2025 18:12

Tgt Ion: 88 Resp: 16764
 Ion Ratio Lower Upper
 88 100
 58 51.1 60.1 90.1#
 43 2651.6 23.1 34.7#

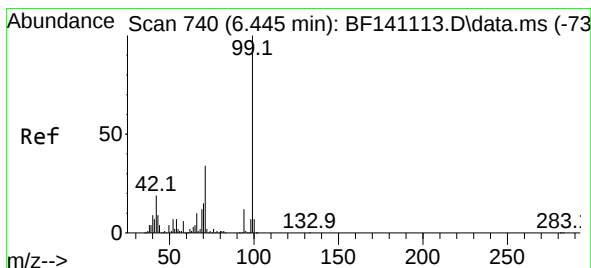
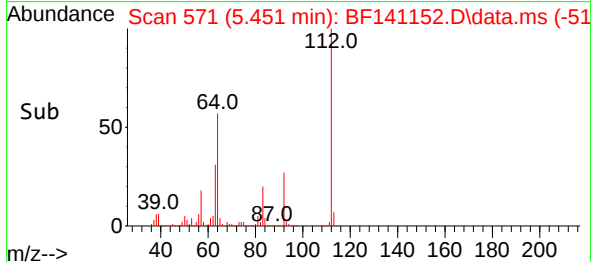
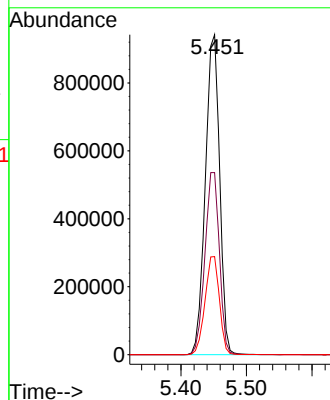
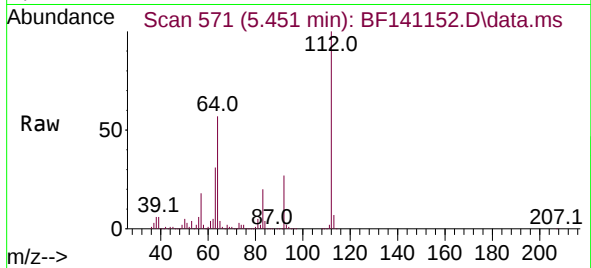




#5
2-Fluorophenol
Concen: 150.660 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

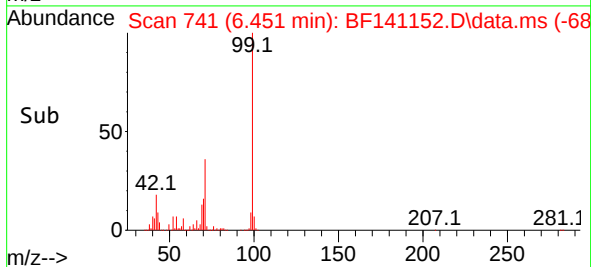
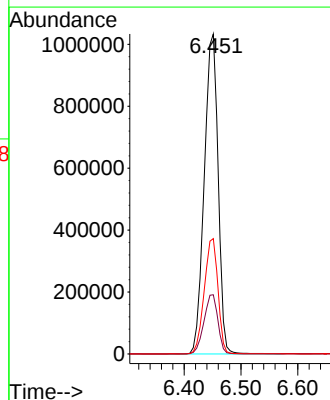
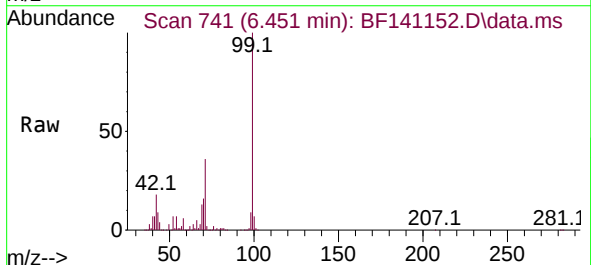
Instrument :
BNA_F
ClientSampleId :
ARS20-0006

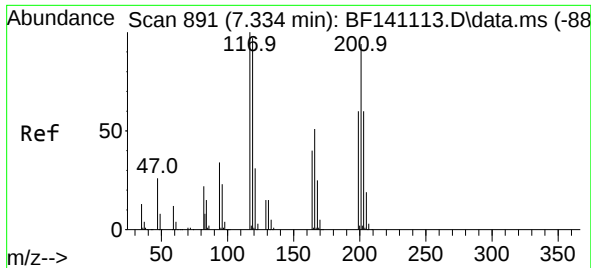
Tgt Ion:112 Resp: 1432083
Ion Ratio Lower Upper
112 100
64 56.9 47.3 70.9
63 30.7 24.2 36.2



#7
Phenol-d6
Concen: 145.041 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion: 99 Resp: 1746378
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 36.0 27.6 41.4

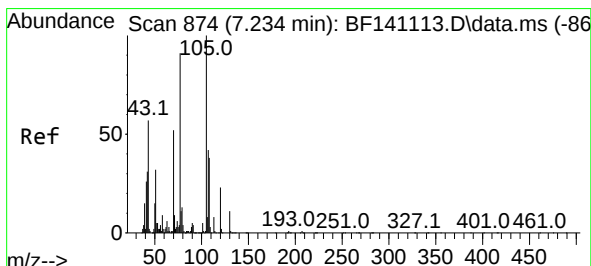
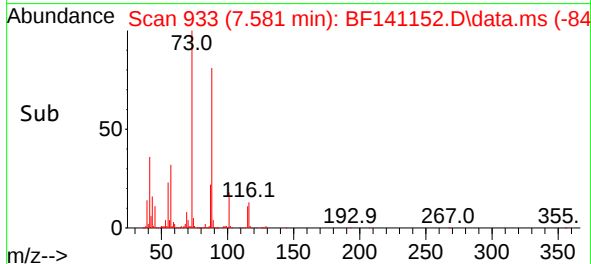
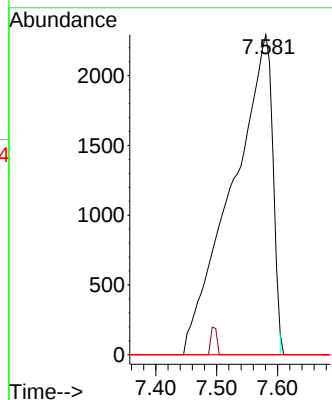
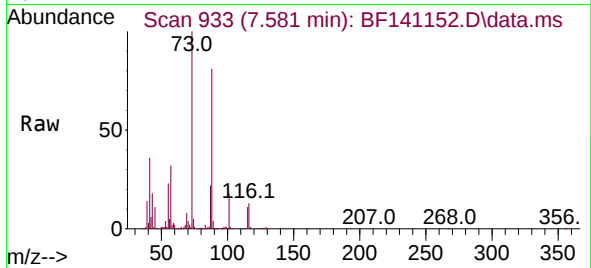




#18
Hexachloroethane
Concen: 2.545 ng
RT: 7.581 min Scan# 911
Delta R.T. 0.247 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

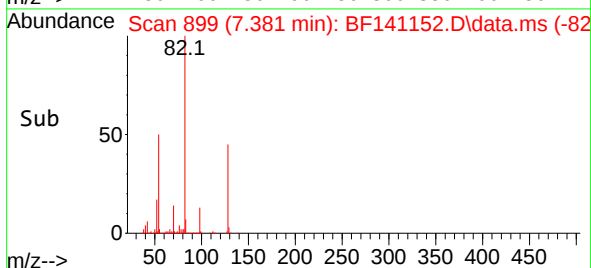
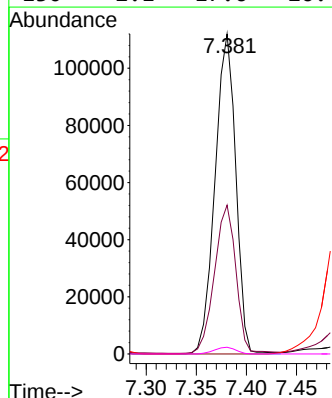
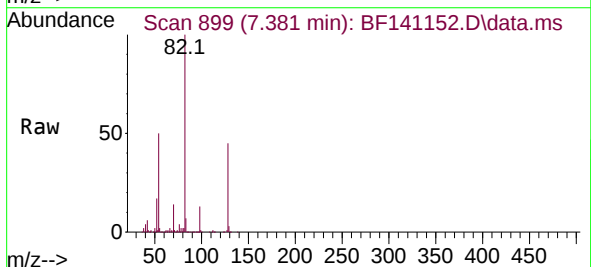
Instrument :
BNA_F
ClientSampleId :
ARS20-0006

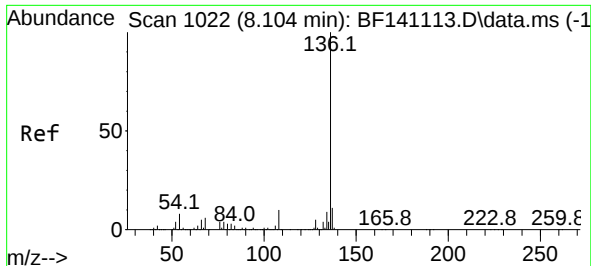
Tgt Ion:117 Resp: 10548
Ion Ratio Lower Upper
117 100
119 0.0 77.6 116.4#
201 0.0 75.1 112.7#



#19
n-Nitroso-di-n-propylamine
Concen: 22.719 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion: 70 Resp: 161141
Ion Ratio Lower Upper
70 100
42 46.5 47.8 71.6#
101 0.0 7.9 11.9#
130 2.1 17.6 26.4#



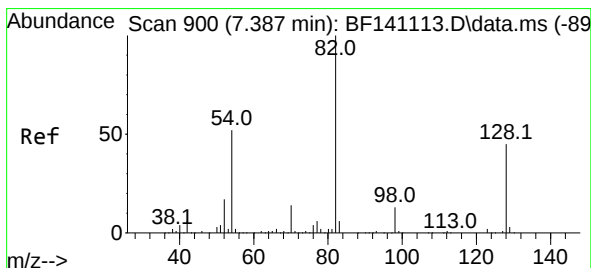
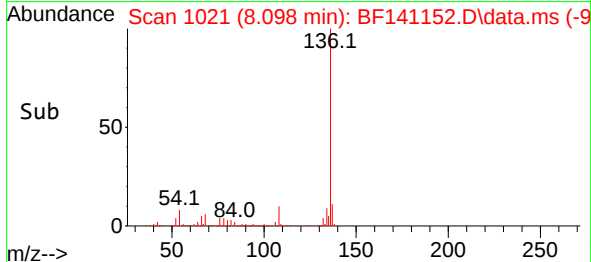
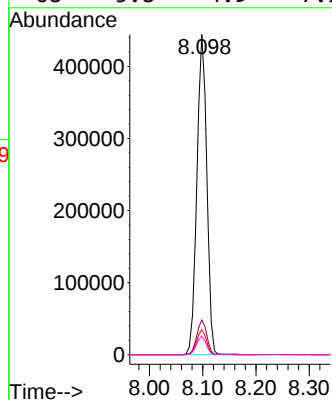
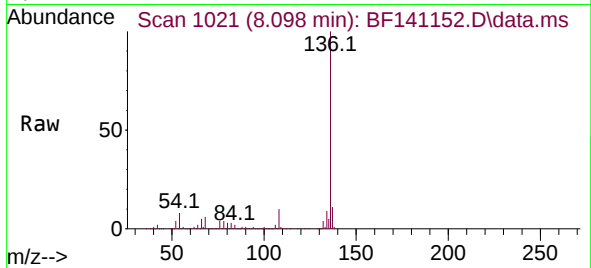


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Instrument :
BNA_F
ClientSampleId :
ARS20-0006

Tgt Ion:136 Resp: 573236

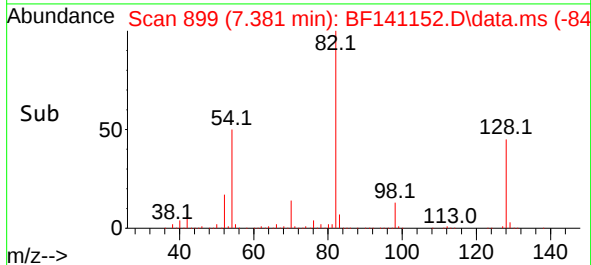
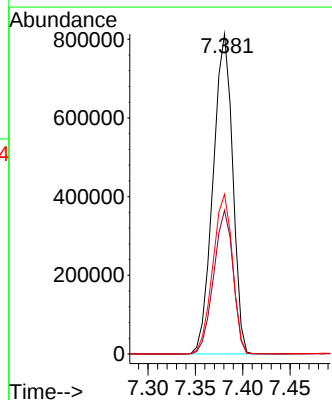
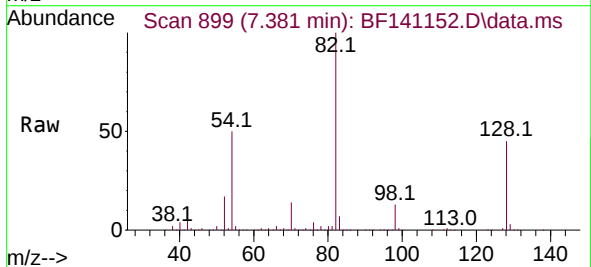
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.8	4.9	7.3

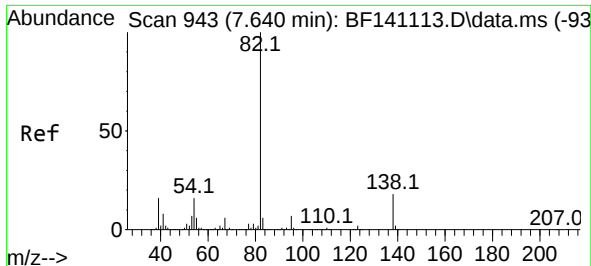


#23
Nitrobenzene-d5
Concen: 108.370 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion: 82 Resp: 1171915

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	49.9	41.0	61.4

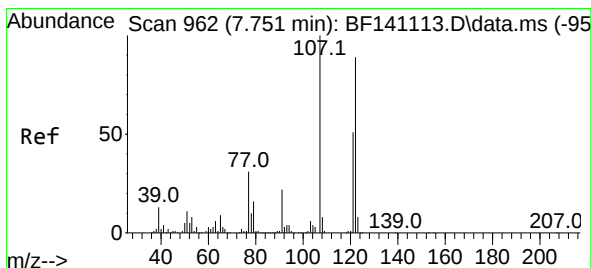
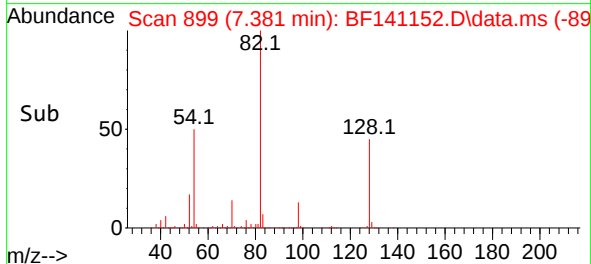
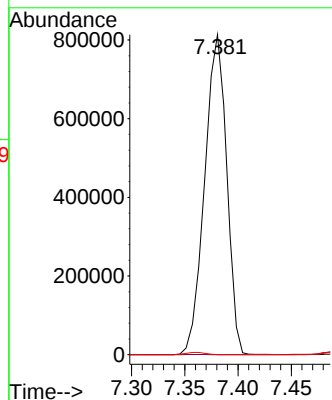
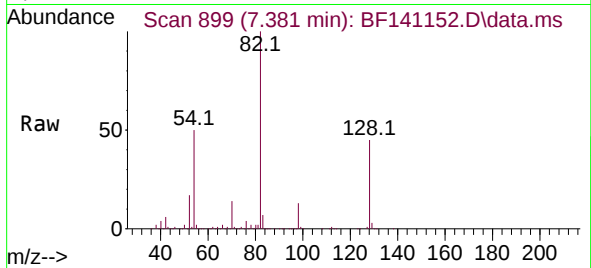




#25
Isophorone
Concen: 63.194 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.259 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

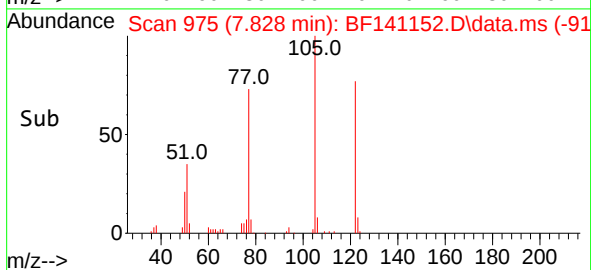
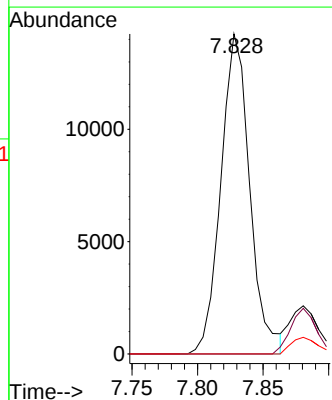
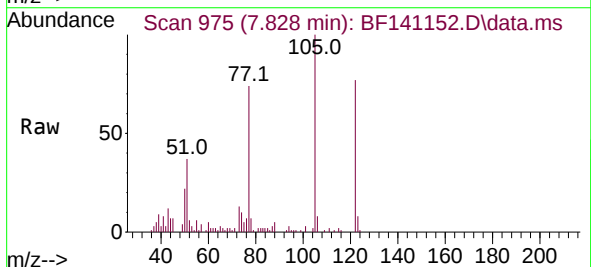
Instrument :
BNA_F
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ARS20-0006

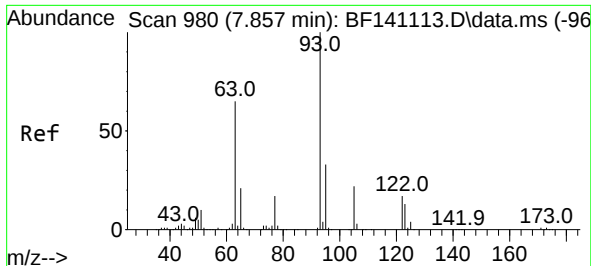
Tgt Ion: 82 Resp: 1167868
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 3.159 ng
RT: 7.828 min Scan# 975
Delta R.T. 0.076 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:122 Resp: 21842
Ion Ratio Lower Upper
122 100
107 0.0 90.3 135.5#
121 0.0 46.5 69.7#

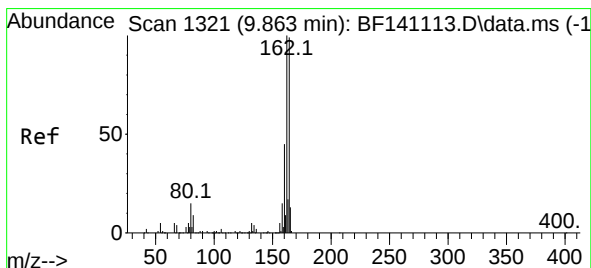
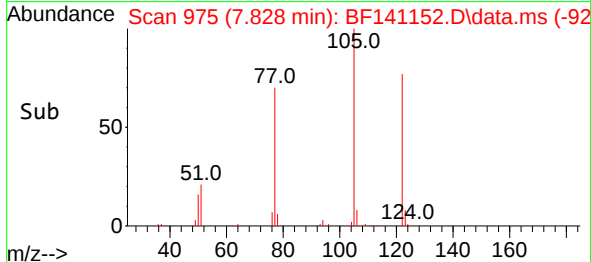
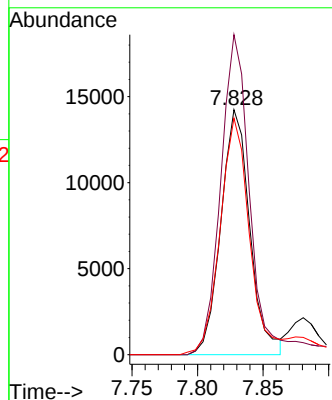
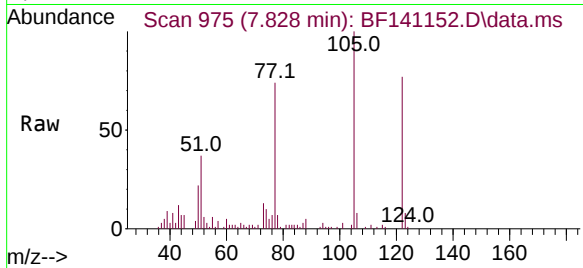




#32
Benzoic acid
Concen: 3.293 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.029 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

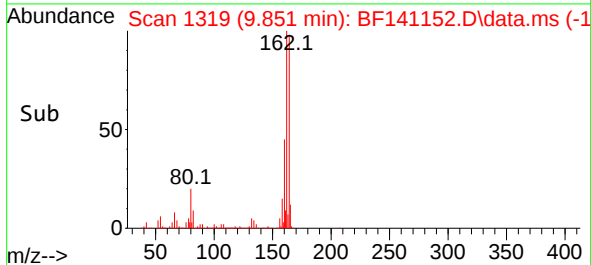
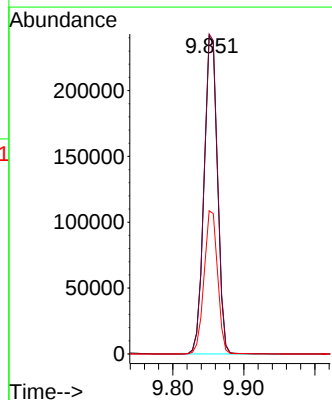
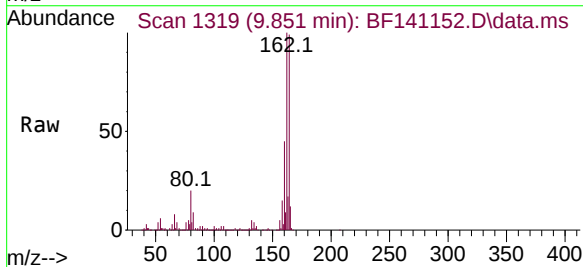
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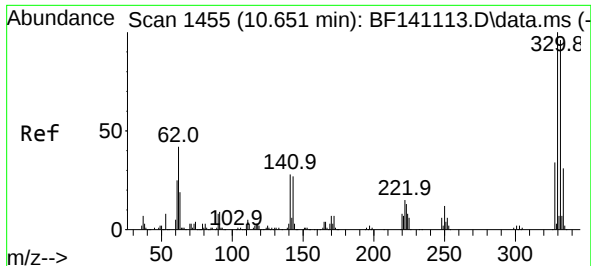
Tgt Ion:122 Resp: 21842
Ion Ratio Lower Upper
122 100
105 130.6 105.5 145.5
77 96.5 75.1 115.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:164 Resp: 317028
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 45.0 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 180.518 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ARS20-0006

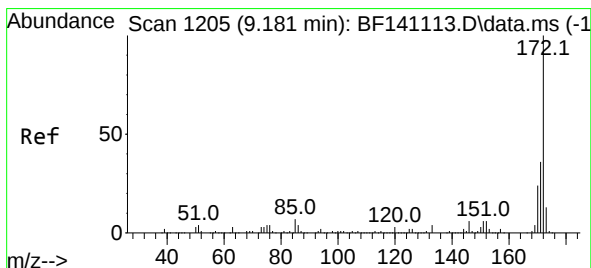
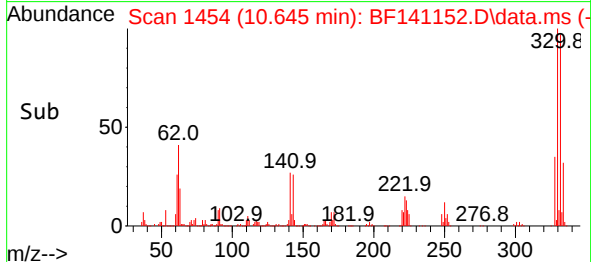
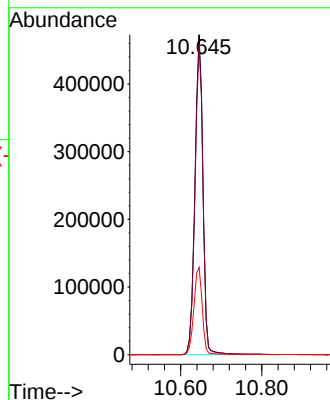
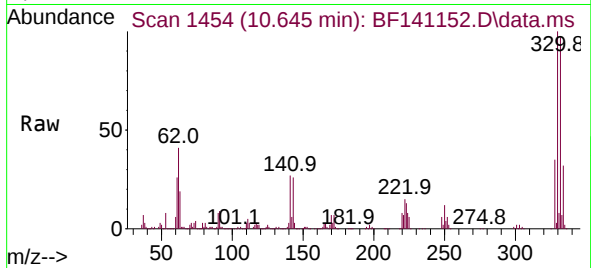
Tgt Ion:330 Resp: 652091

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 28.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 102.227 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

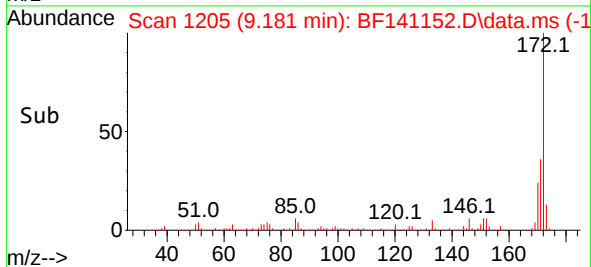
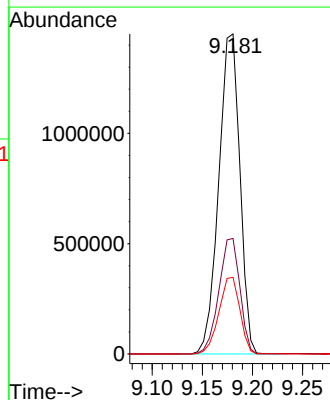
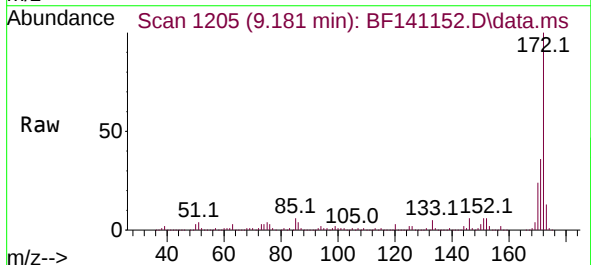
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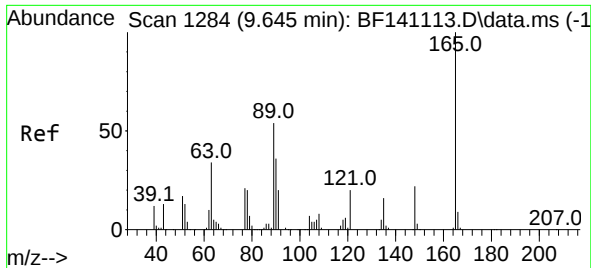
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.0 19.0 28.6

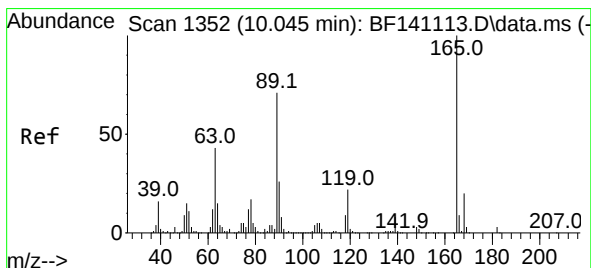
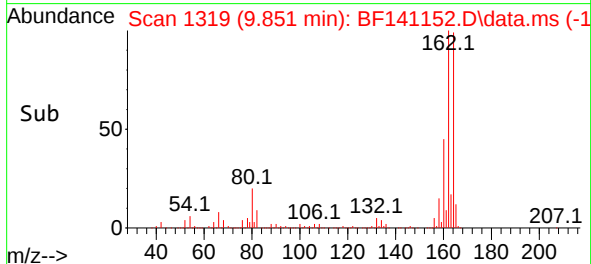
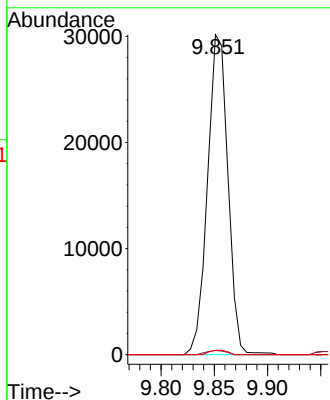
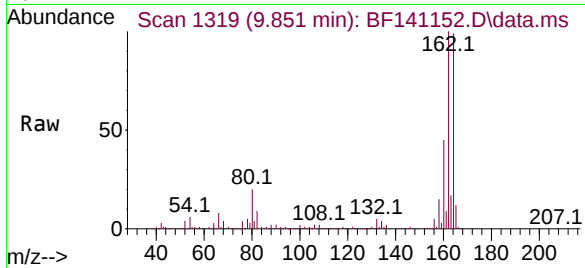




#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

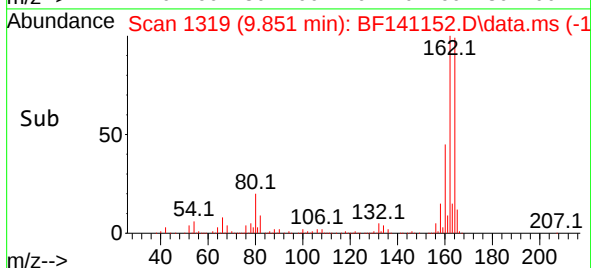
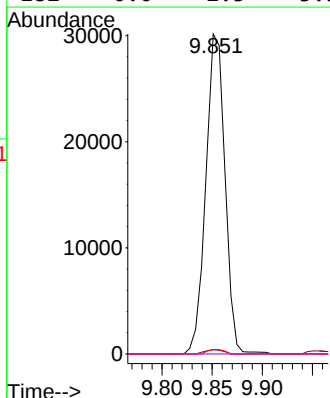
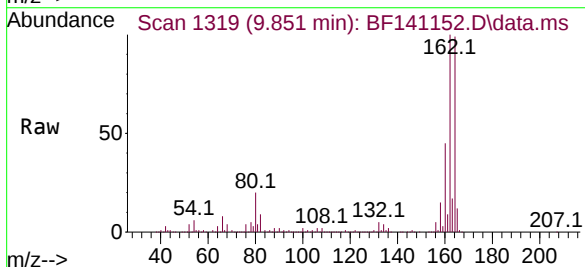
Instrument :
BNA_F
ClientSampleId :
ARS20-0006

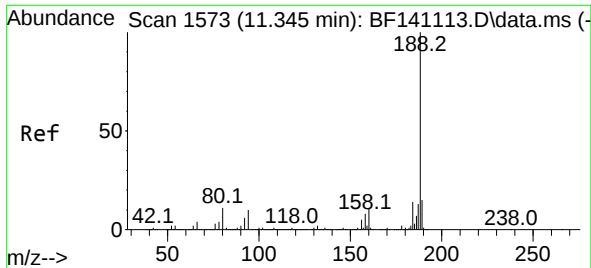
Tgt Ion:165 Resp: 40236
Ion Ratio Lower Upper
165 100
63 1.3 42.3 63.5#
89 1.4 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.308 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:165 Resp: 40236
Ion Ratio Lower Upper
165 100
63 1.3 35.0 52.4#
89 1.4 56.7 85.1#
182 0.0 2.3 3.5#

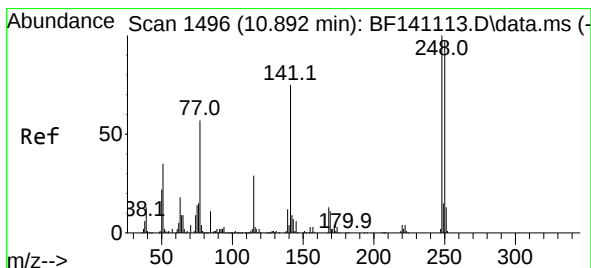
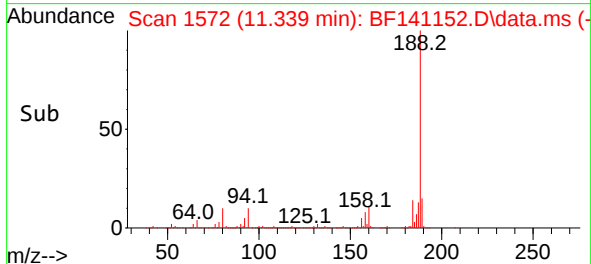
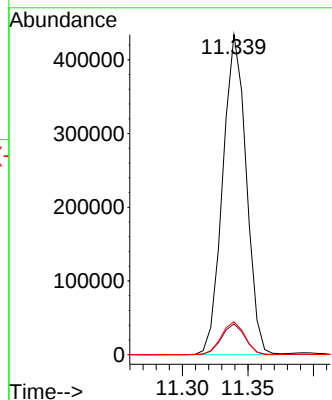
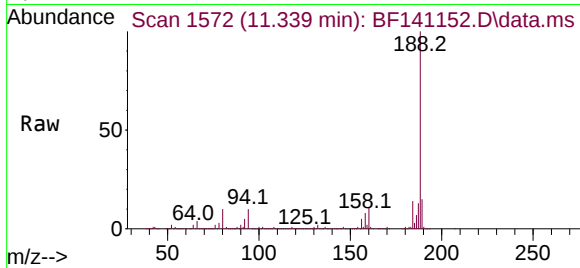




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

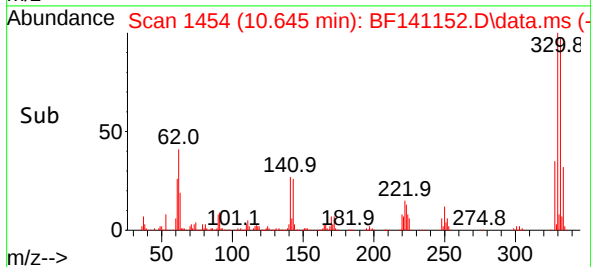
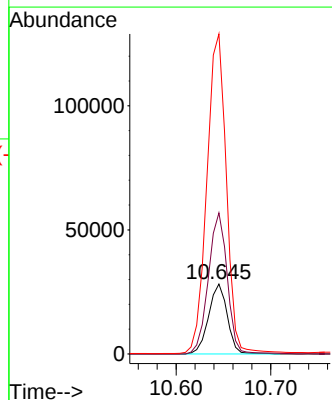
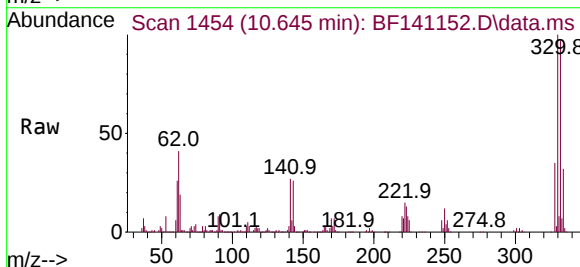
Instrument :
BNA_F
ClientSampleId :
ARS20-0006

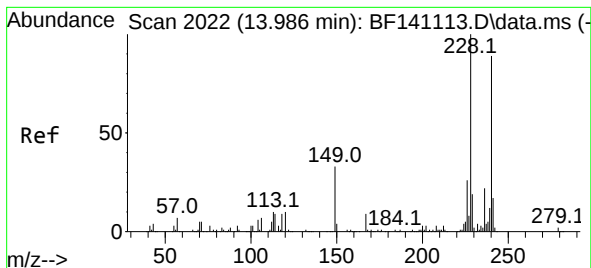
Tgt Ion:188 Resp: 540934
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 6.213 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF141152.D
Acq: 14 Jan 2025 18:12

Tgt Ion:248 Resp: 38691
Ion Ratio Lower Upper
248 100
250 201.8 77.9 116.9#
141 457.6 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ARS20-0006

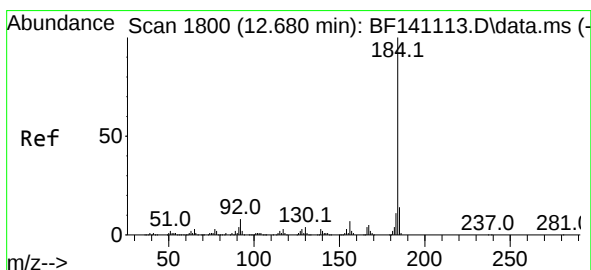
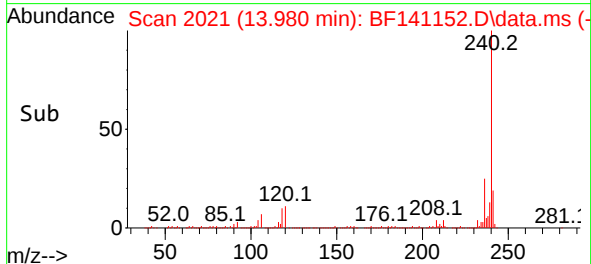
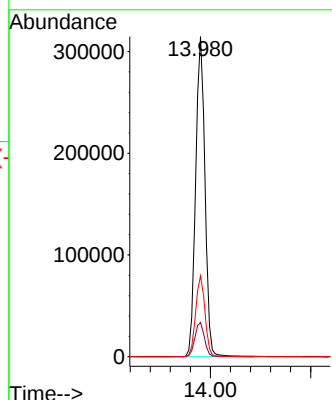
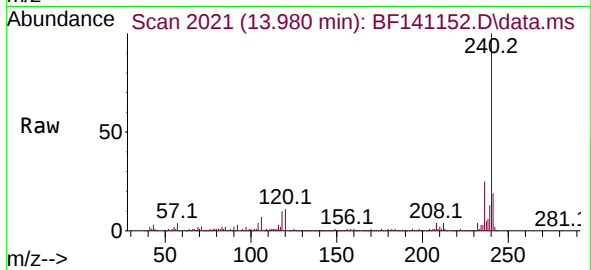
Tgt Ion:240 Resp: 405778

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

236 25.2 19.8 29.6



#77

Benidine

Concen: 4.653 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.253 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

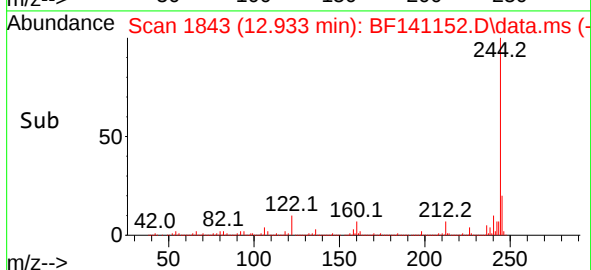
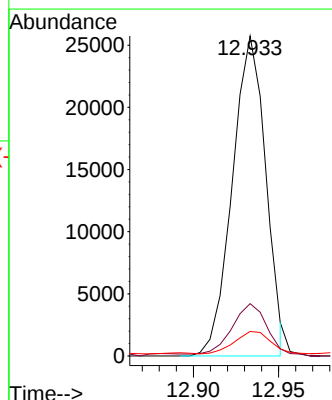
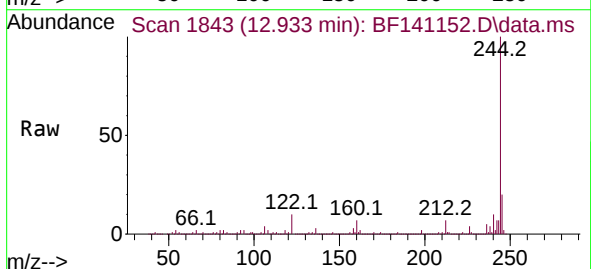
Tgt Ion:184 Resp: 35015

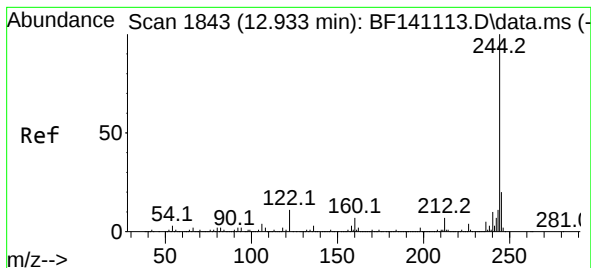
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.0

183 7.7 9.2 13.8#





#79

Terphenyl-d14

Concen: 95.702 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141152.D

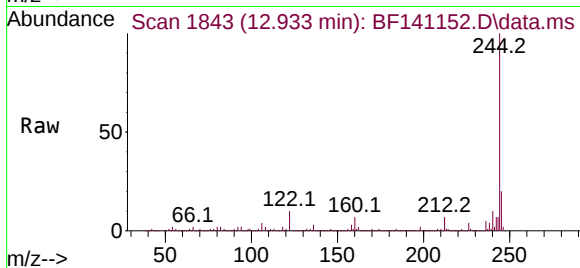
Acq: 14 Jan 2025 18:12

Instrument :

BNA_F

ClientSampleId :

ARS20-0006



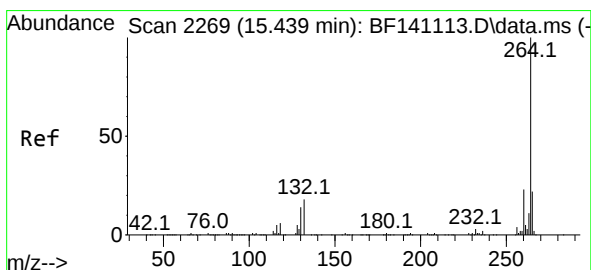
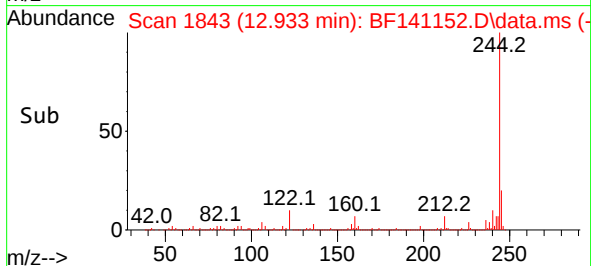
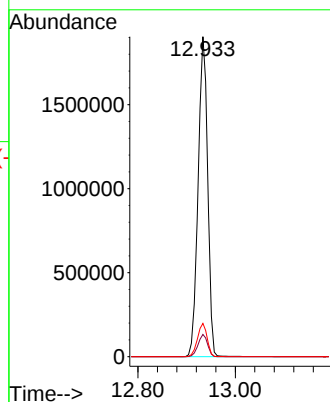
Tgt Ion:244 Resp: 2612778

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 10.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF141152.D

Acq: 14 Jan 2025 18:12

Tgt Ion:264 Resp: 323443

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.6 17.4 26.0

