

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142090.D
 Acq On : 25 Mar 2025 21:06
 Operator : RC/JU
 Sample : Q1636-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Mar 25 21:52:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

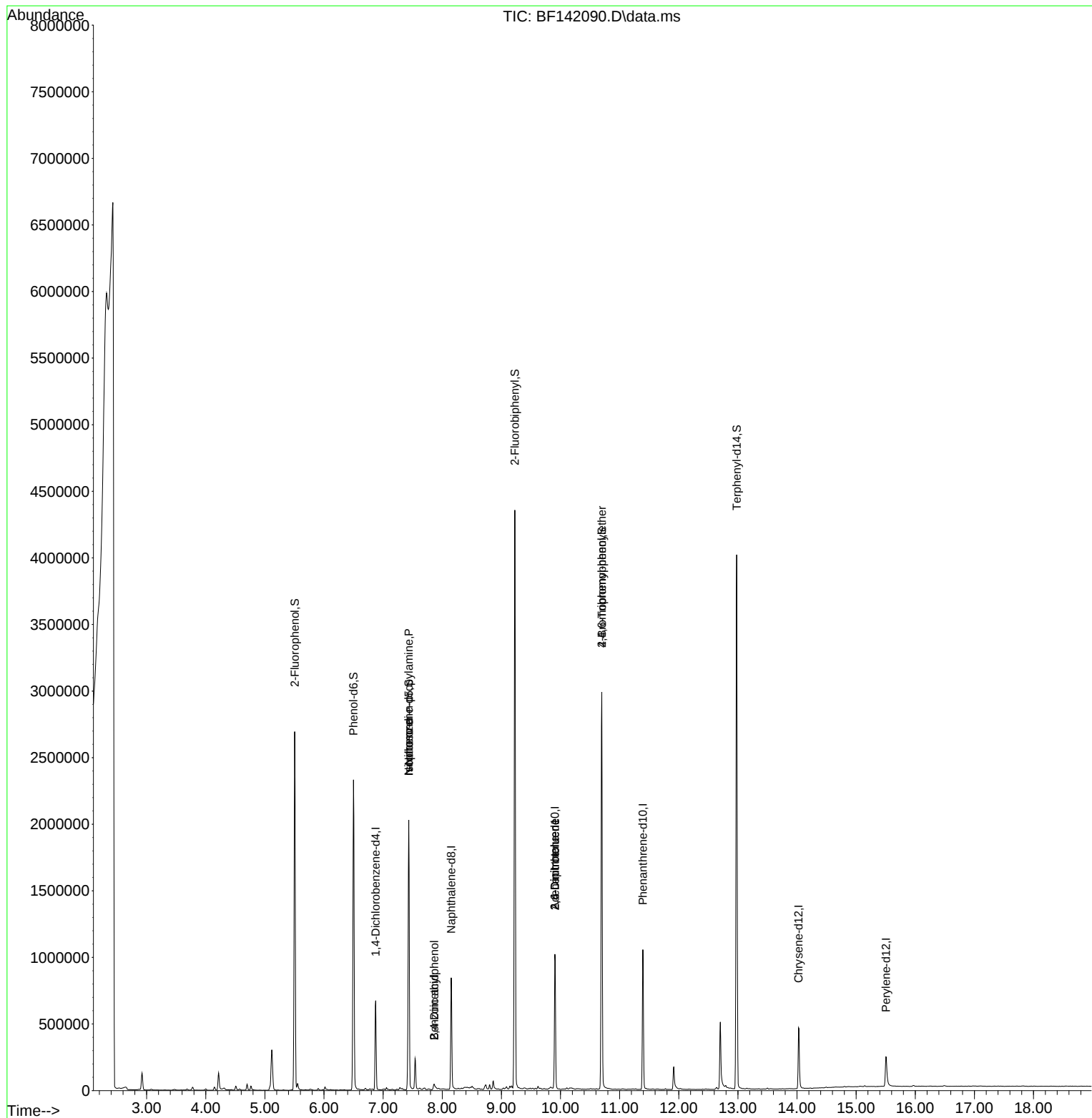
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	144301	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	565569	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	320170	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	556504	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	260762	20.000	ng	-0.01
86) Perylene-d12	15.504	264	183506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1074904	124.321	ng	0.01
7) Phenol-d6	6.498	99	1185150	107.658	ng	0.00
23) Nitrobenzene-d5	7.434	82	958265	95.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	605732	149.130	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1998015	94.906	ng	-0.01
79) Terphenyl-d14	12.980	244	2018520	114.445	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	134663	19.037	ng	# 77
25) Isophorone	7.434	82	942468	53.052	ng	# 64
27) 2,4-Dimethylphenol	7.863	122	18172	2.691	ng	# 2
32) Benzoic acid	7.863	122	18172	3.062	ng	96
51) 2,6-Dinitrotoluene	9.904	165	40811	8.742	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	40811	6.693	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	36416	5.210	ng	# 1

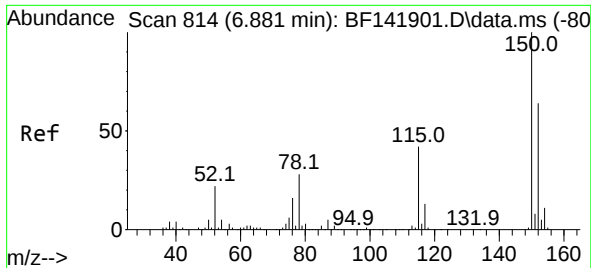
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
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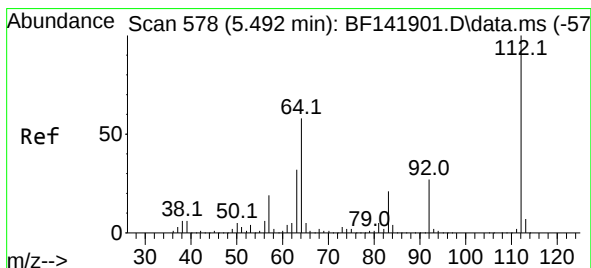
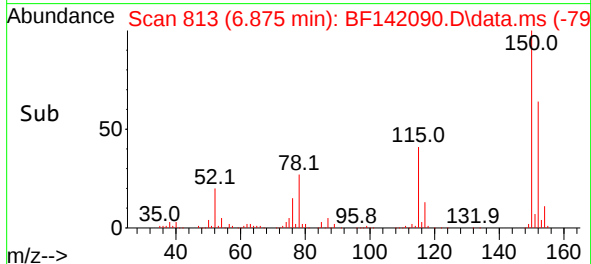
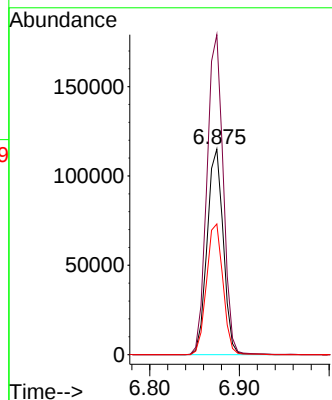
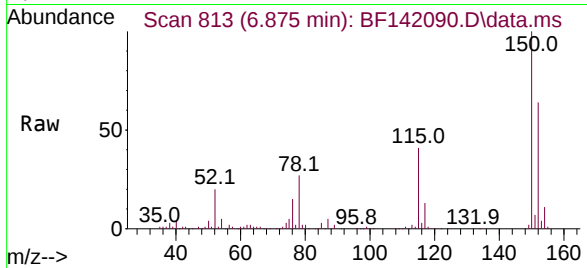




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

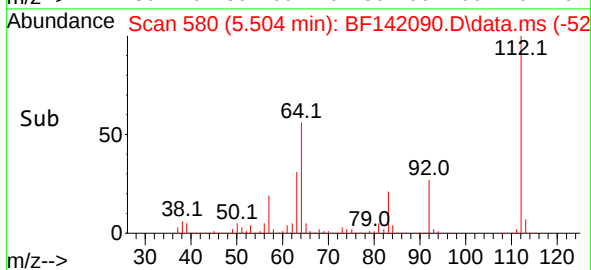
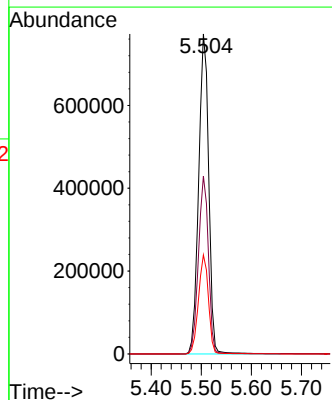
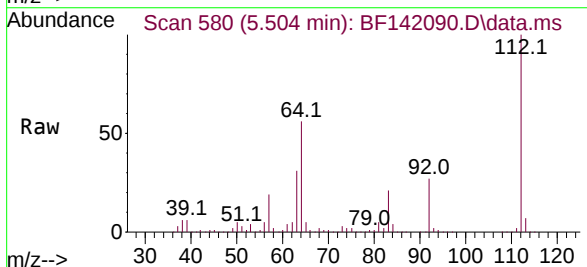
Instrument :
BNA_F
ClientSampleId :
WC-1

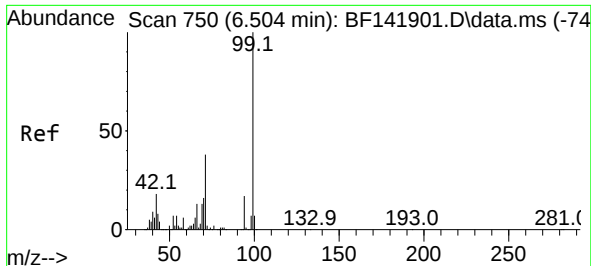
Tgt Ion:152 Resp: 144301
Ion Ratio Lower Upper
152 100
150 155.7 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 124.321 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion:112 Resp: 1074904
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 30.9 25.4 38.2

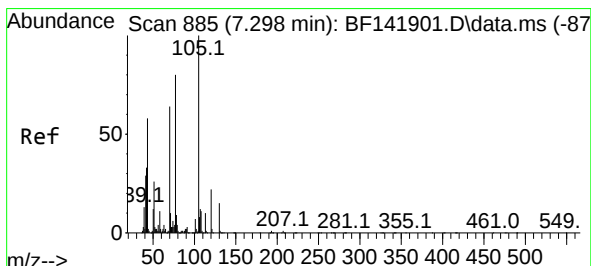
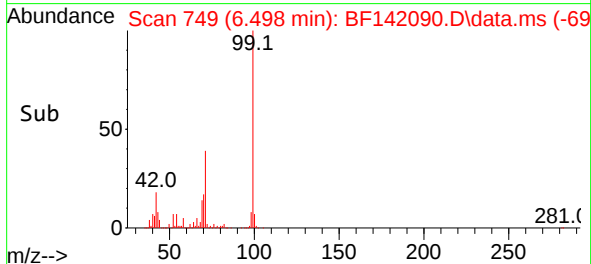
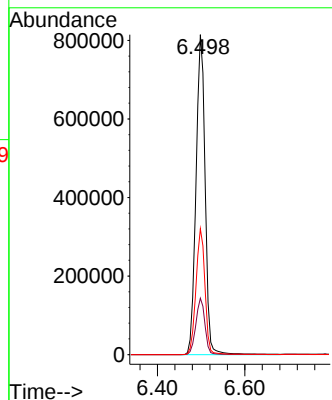
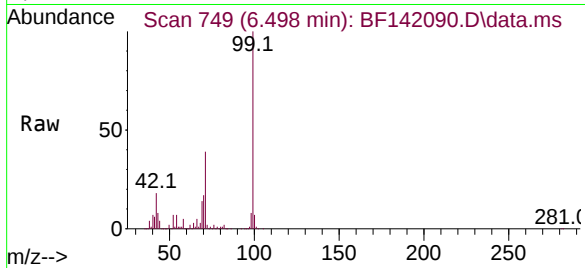




#7
Phenol-d6
Concen: 107.658 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

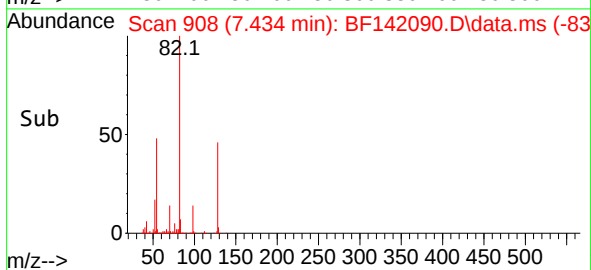
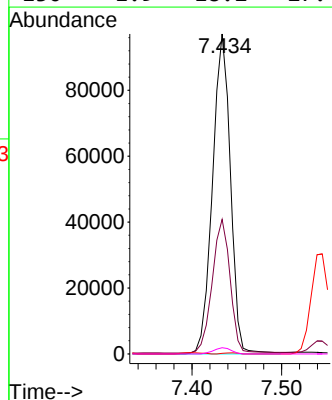
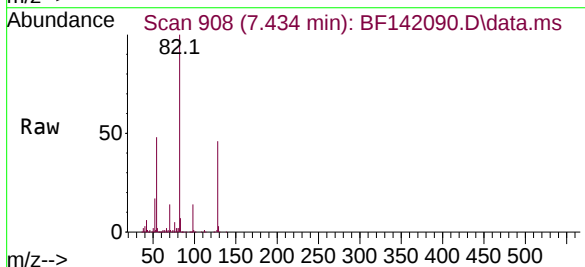
Instrument :
BNA_F
ClientSampleId :
WC-1

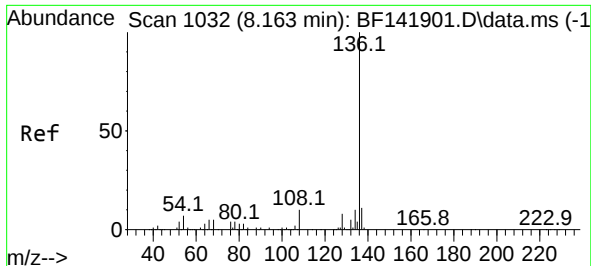
Tgt Ion: 99 Resp: 1185150
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 39.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.037 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion: 70 Resp: 134663
Ion Ratio Lower Upper
70 100
42 42.0 41.4 62.0
101 0.2 8.2 12.2#
130 1.9 18.2 27.4#

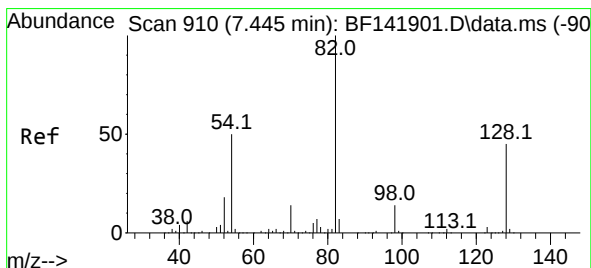
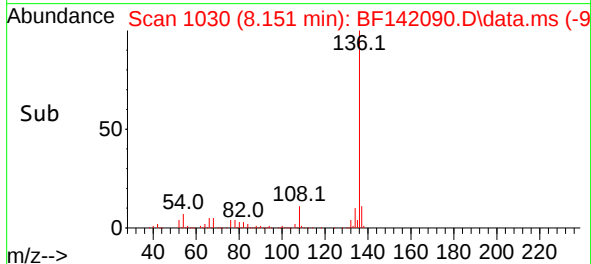
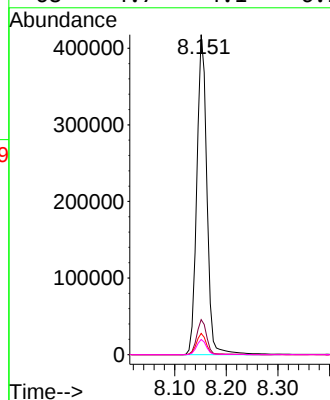
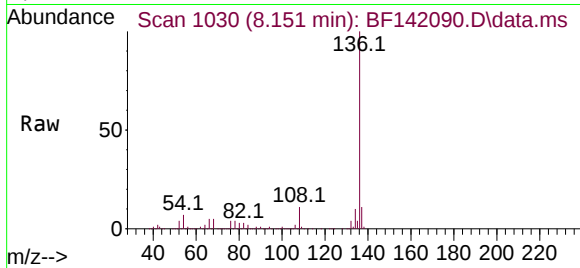




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

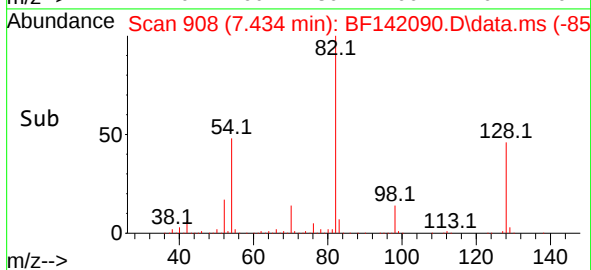
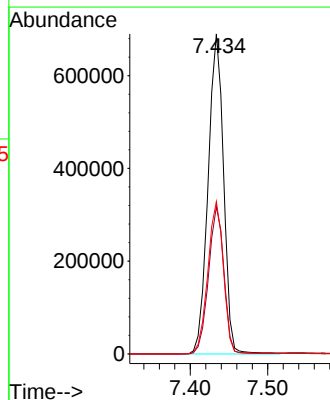
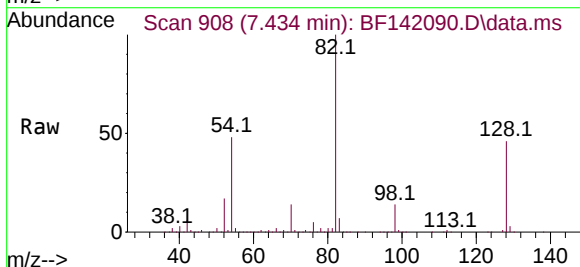
Instrument :
BNA_F
ClientSampleId :
WC-1

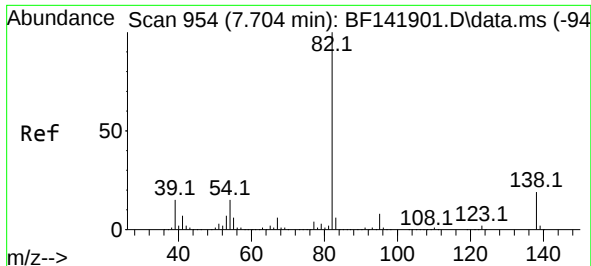
Tgt Ion:	136	Resp:	565569
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.8	8.8
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 95.350 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion:	82	Resp:	958265
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.0	54.0
54	47.6	39.6	59.4

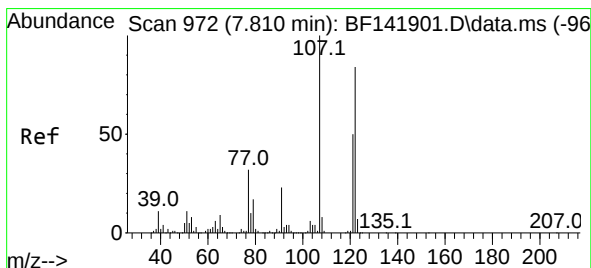
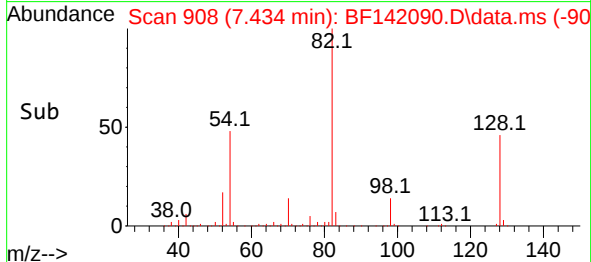
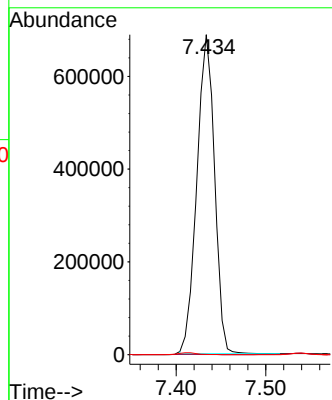
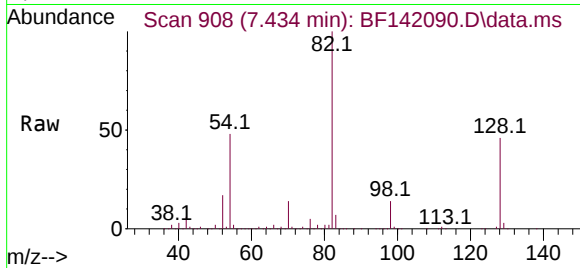




#25
Isophorone
Concen: 53.052 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

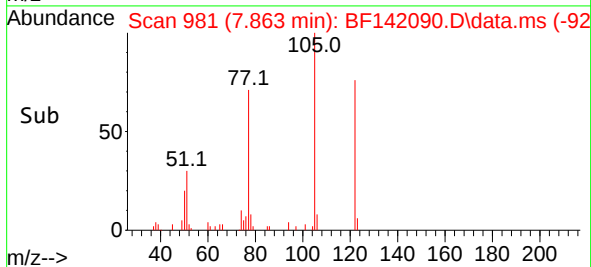
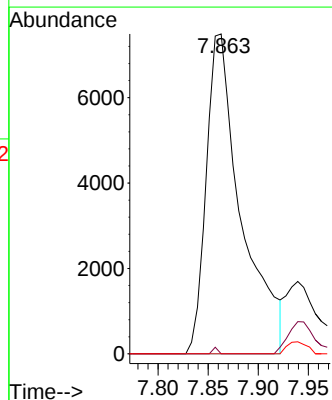
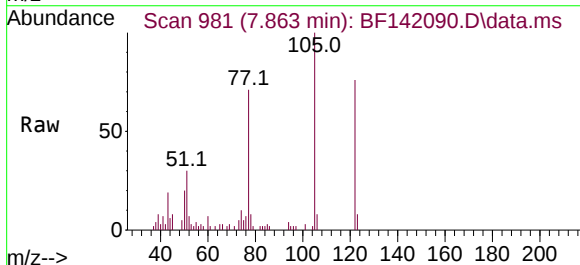
Instrument :
BNA_F
ClientSampleId :
WC-1

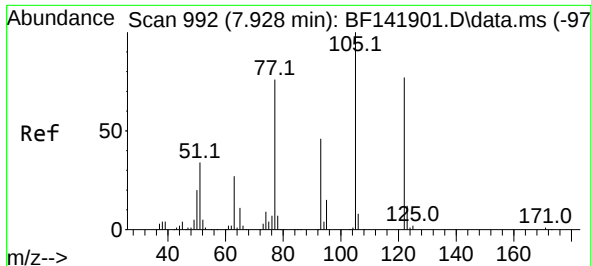
Tgt Ion: 82 Resp: 942468
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 14.9 22.3#



#27
2,4-Dimethylphenol
Concen: 2.691 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.053 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion: 122 Resp: 18172
Ion Ratio Lower Upper
122 100
107 0.0 94.8 142.2#
121 0.0 47.8 71.6#

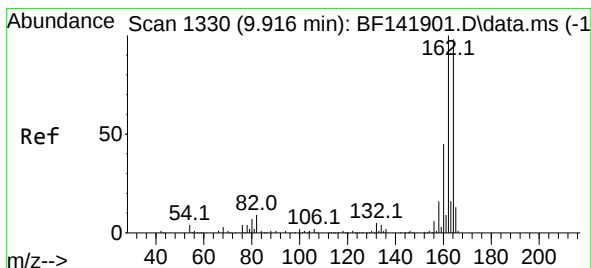
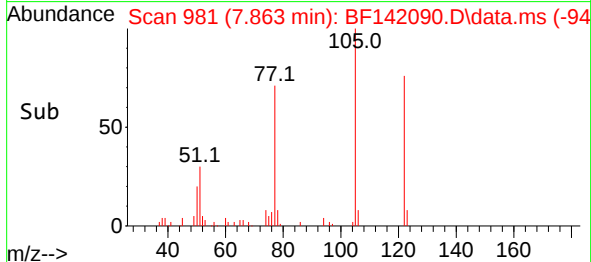
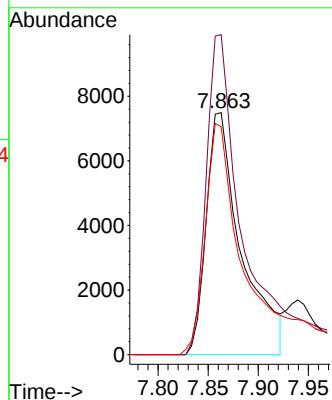
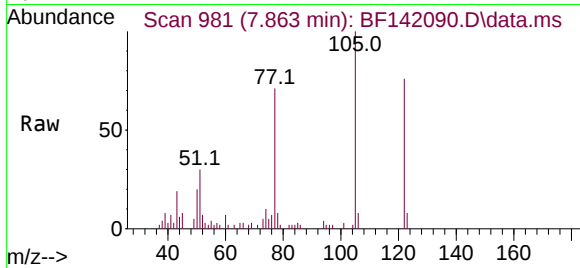




#32
Benzoic acid
Concen: 3.062 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.065 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

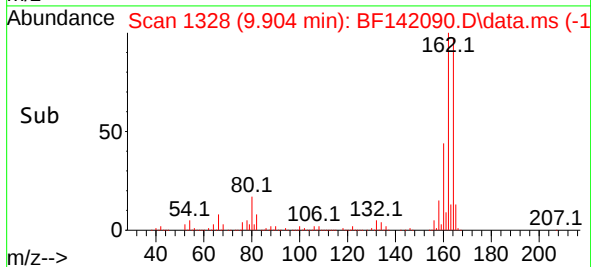
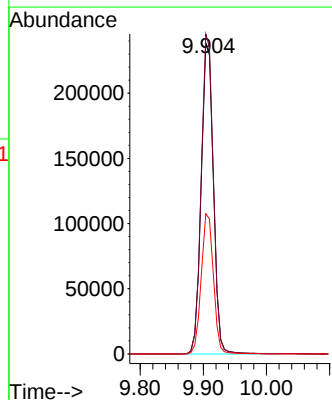
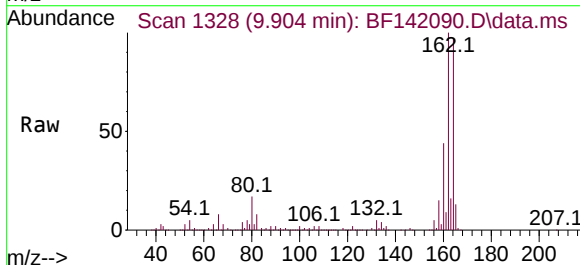
Instrument :
BNA_F
ClientSampleId :
WC-1

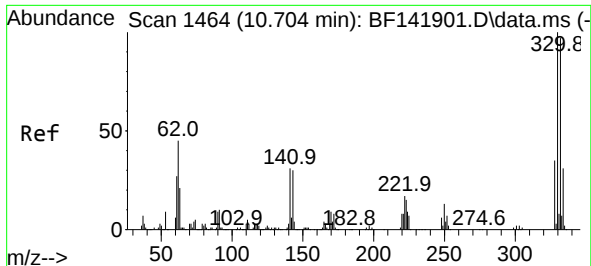
Tgt Ion:122 Resp: 18172
Ion Ratio Lower Upper
122 100
105 132.3 107.9 147.9
77 94.2 79.0 119.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion:164 Resp: 320170
Ion Ratio Lower Upper
164 100
162 103.0 81.8 122.6
160 45.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 149.130 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142090.D

Acq: 25 Mar 2025 21:06

Instrument :

BNA_F

ClientSampleId :

WC-1

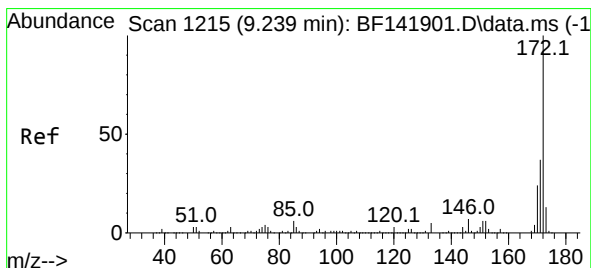
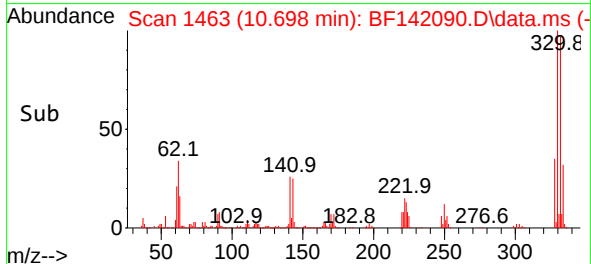
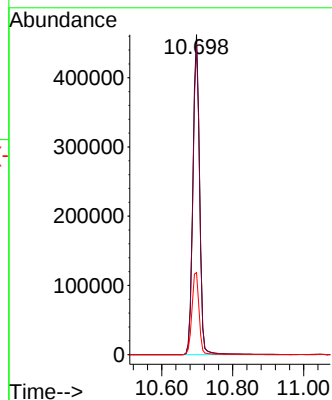
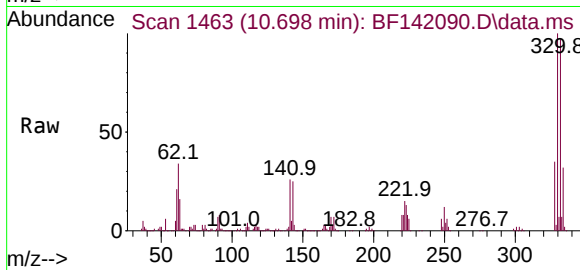
Tgt Ion:330 Resp: 605732

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

141 27.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 94.906 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142090.D

Acq: 25 Mar 2025 21:06

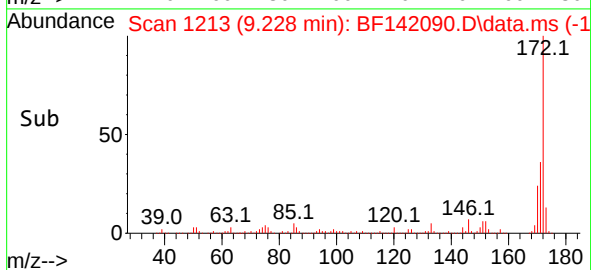
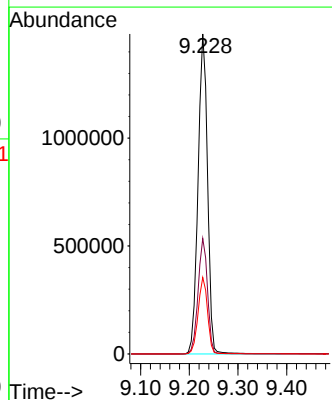
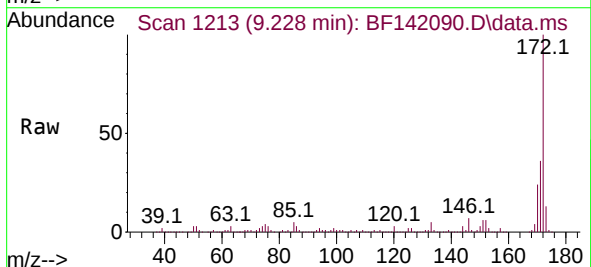
Tgt Ion:172 Resp: 1998015

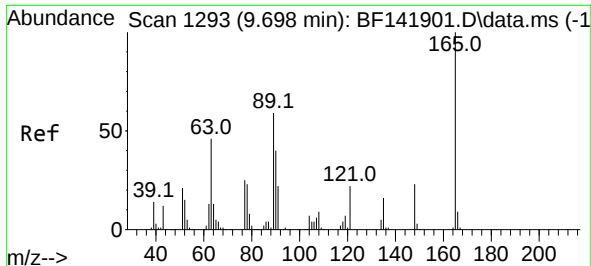
Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.9 19.4 29.0

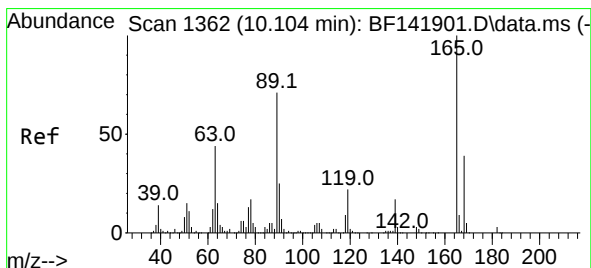
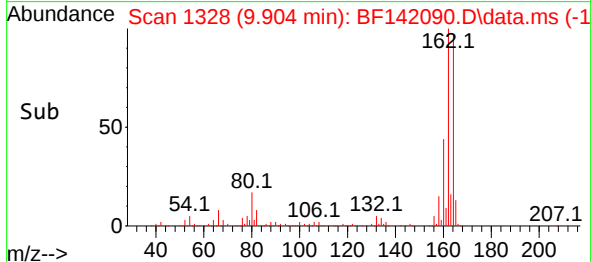
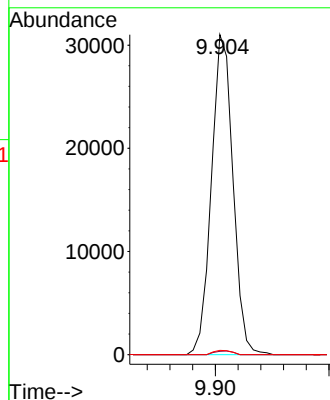
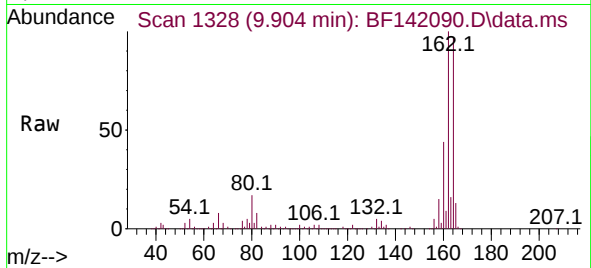




#51
2,6-Dinitrotoluene
Concen: 8.742 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

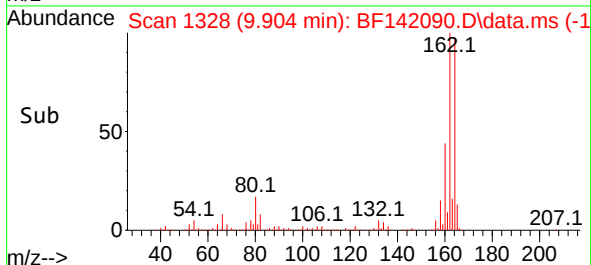
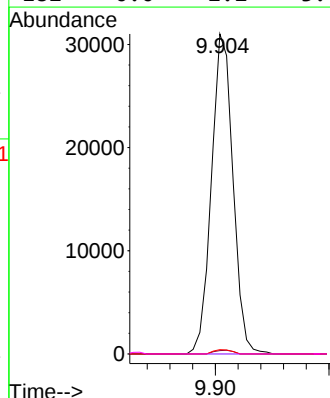
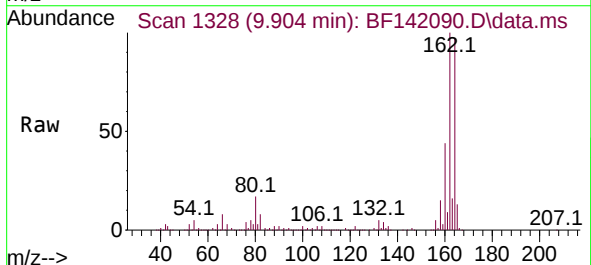
Instrument :
BNA_F
ClientSampleId :
WC-1

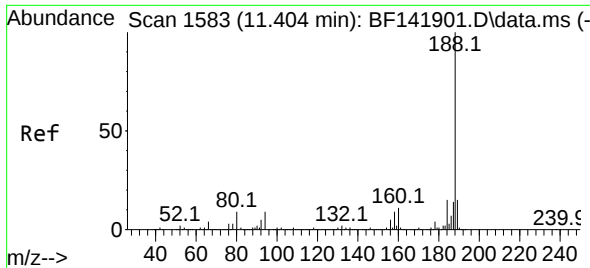
Tgt Ion:165 Resp: 40811
Ion Ratio Lower Upper
165 100
63 1.0 47.0 70.4#
89 1.3 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion:165 Resp: 40811
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 1.3 56.6 84.8#
182 0.0 2.2 3.4#

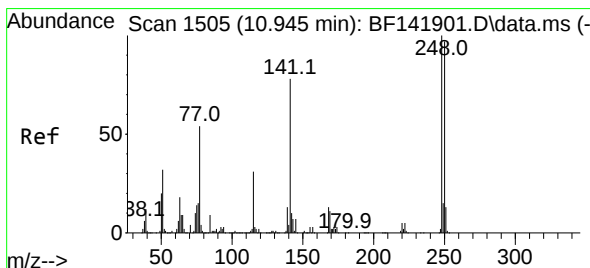
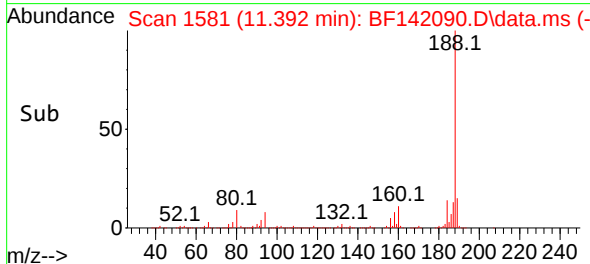
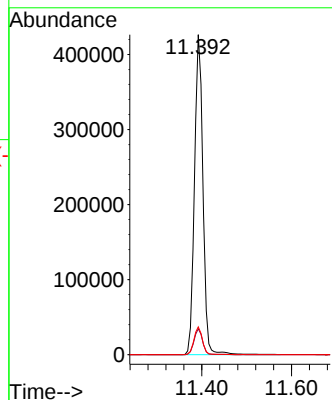
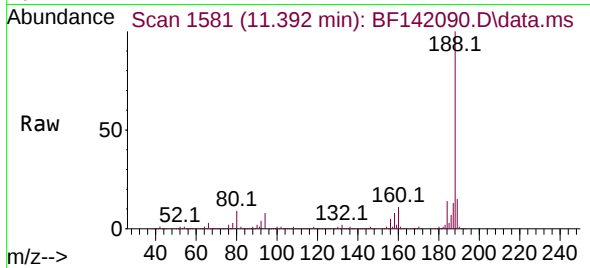




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

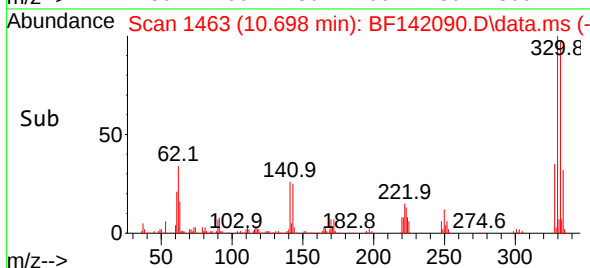
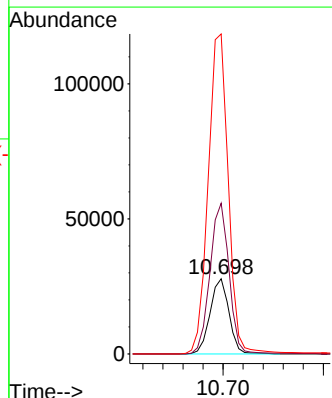
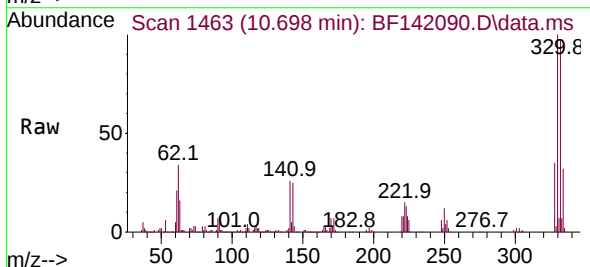
Instrument :
BNA_F
ClientSampleId :
WC-1

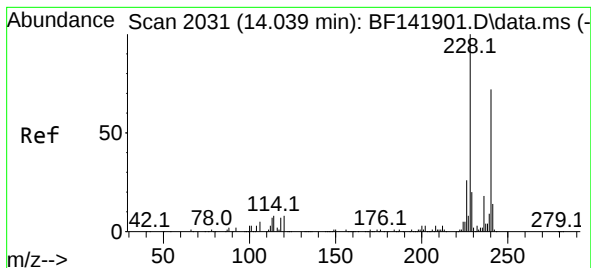
Tgt Ion:188 Resp: 556504
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.210 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

Tgt Ion:248 Resp: 36416
Ion Ratio Lower Upper
248 100
250 200.4 77.8 116.8#
141 425.6 62.6 93.8#

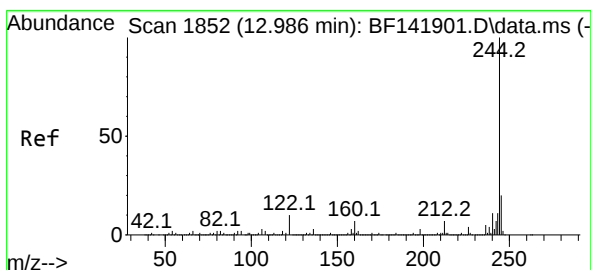
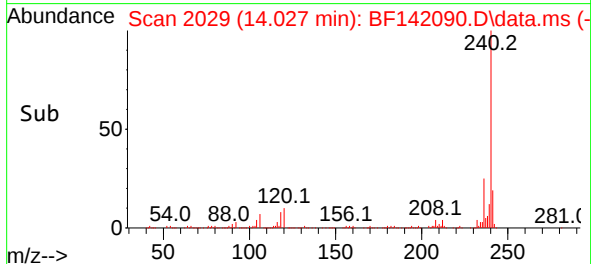
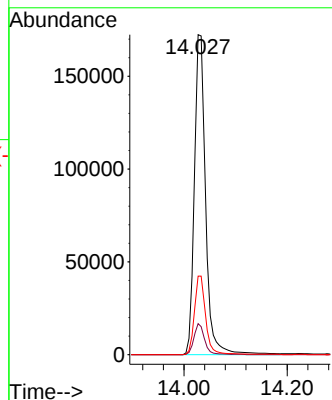
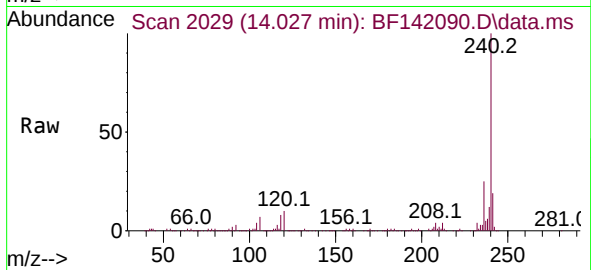




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

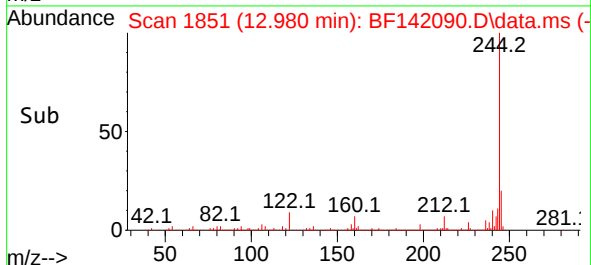
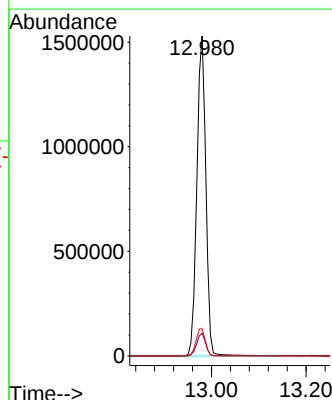
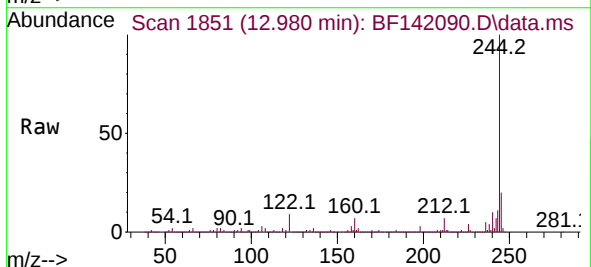
Instrument :
BNA_F
ClientSampleId :
WC-1

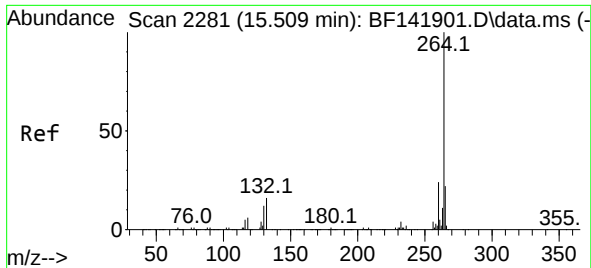
Tgt Ion:240 Resp: 260762
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 24.5 20.5 30.7



#79
Terphenyl-d14
Concen: 114.445 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142090.D
Acq: 25 Mar 2025 21:06

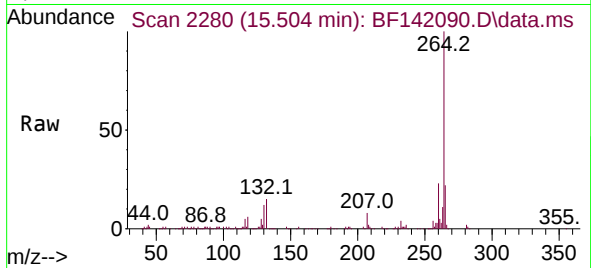
Tgt Ion:244 Resp: 2018520
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.5 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142090.D
 Acq: 25 Mar 2025 21:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-1



Tgt Ion:264 Resp: 183506
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 21.7 17.5 26.3

