

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142015.D
 Acq On : 20 Mar 2025 17:06
 Operator : RC/JU
 Sample : Q1606-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT24743

Quant Time: Mar 20 17:28:58 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)

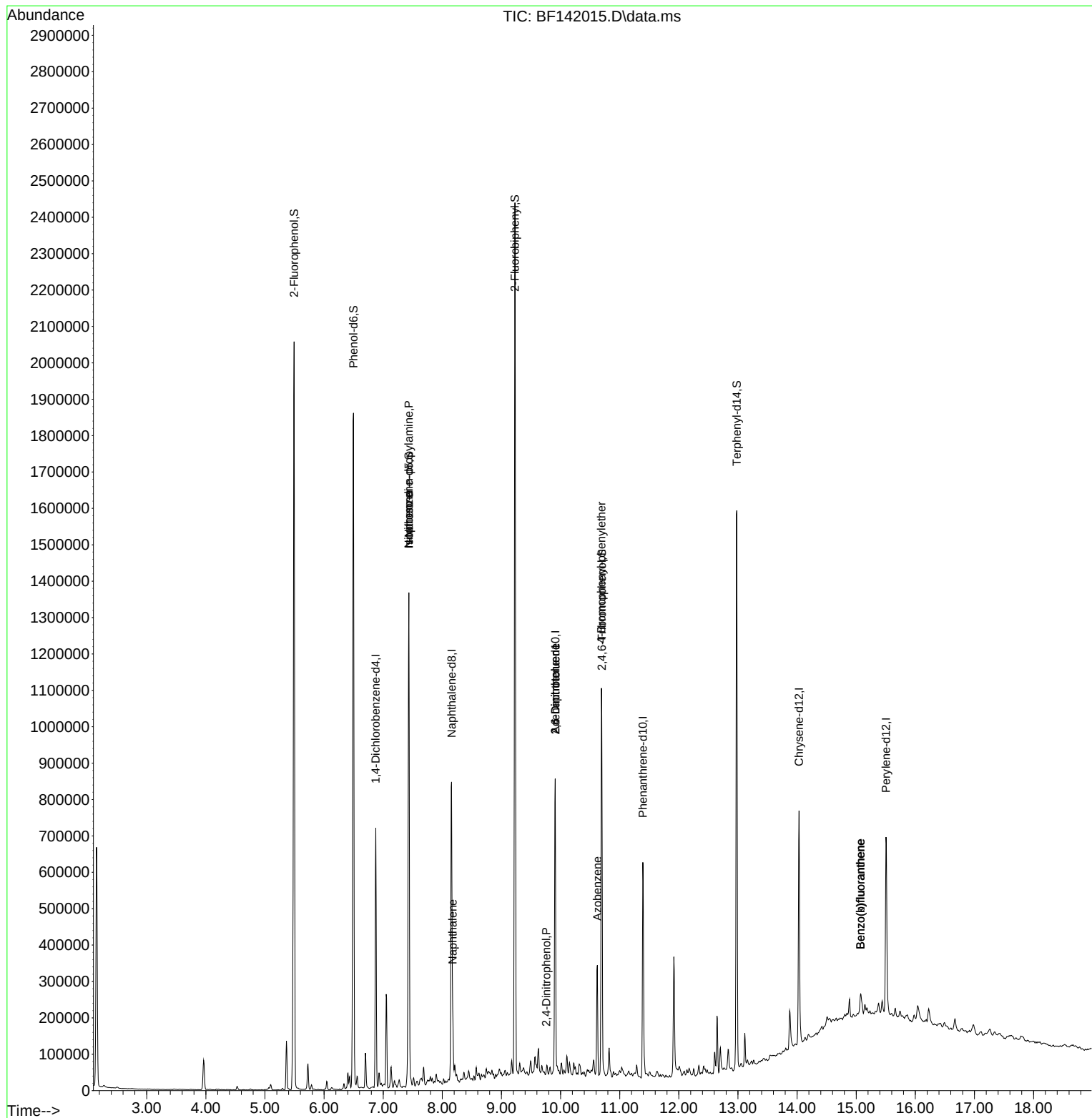
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	150011	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	539670	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	242855	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	308403	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	309731	20.000	ng	0.00
86) Perylene-d12	15.504	264	310988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	772674	85.964	ng	0.00
7) Phenol-d6	6.498	99	924041	80.744	ng	0.00
23) Nitrobenzene-d5	7.434	82	609115	63.518	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	192437	62.461	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1036582	64.913	ng	-0.01
79) Terphenyl-d14	12.980	244	797754	38.080	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	85388	11.612	ng	# 77
25) Isophorone	7.434	82	593744	35.026	ng	# 64
31) Naphthalene	8.175	128	93579	3.376	ng	# 99
51) 2,6-Dinitrotoluene	9.910	165	33219	9.381	ng	# 24
54) 2,4-Dinitrophenol	9.757	184	252	6.688	ng	# 32
57) 2,4-Dinitrotoluene	9.910	165	33219	7.183	ng	# 25
63) Azobenzene	10.622	77	75170	4.768	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	12061	3.114	ng	# 1
88) Benzo(b)fluoranthene	15.074	252	48748	2.287	ng	# 85
89) Benzo(k)fluoranthene	15.074	252	48748	2.673	ng	# 86

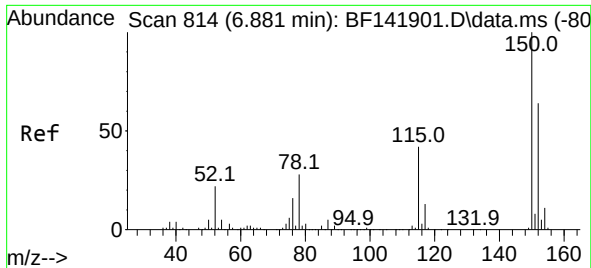
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
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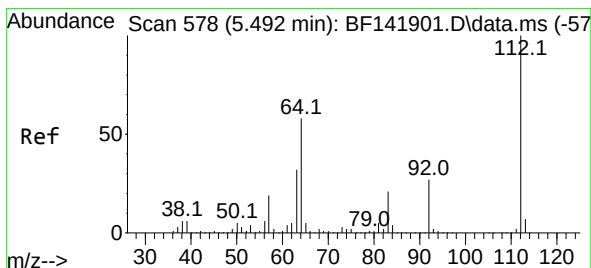
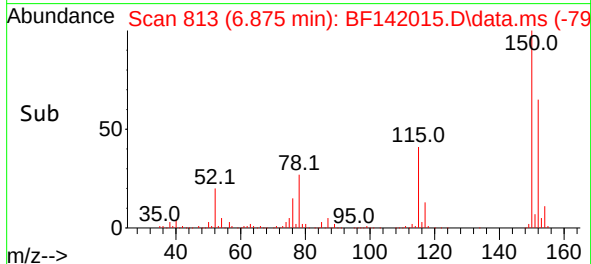
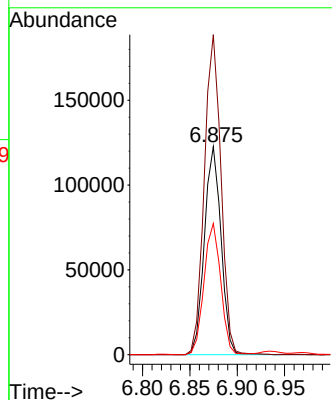
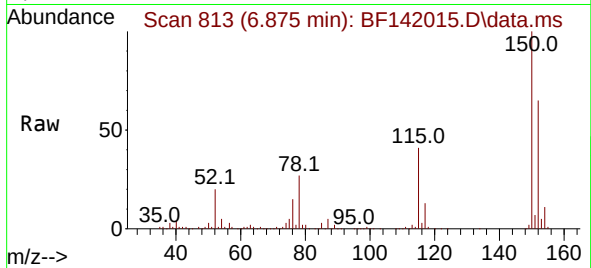




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

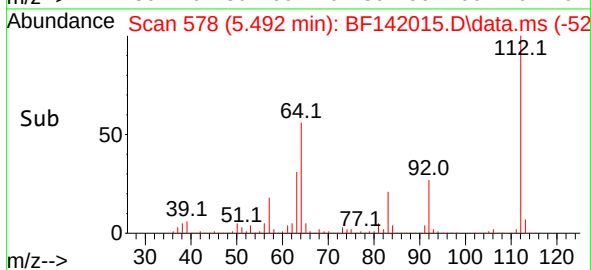
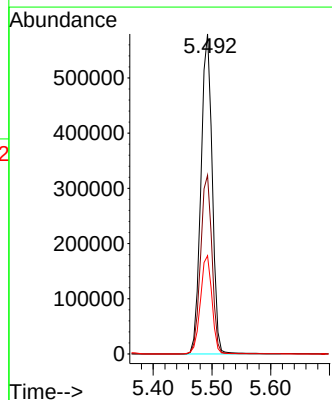
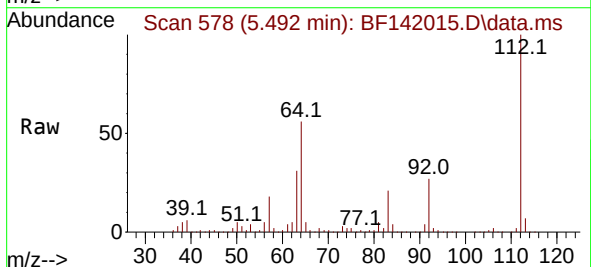
Instrument :
BNA_F
ClientSampleId :
CHRT24743

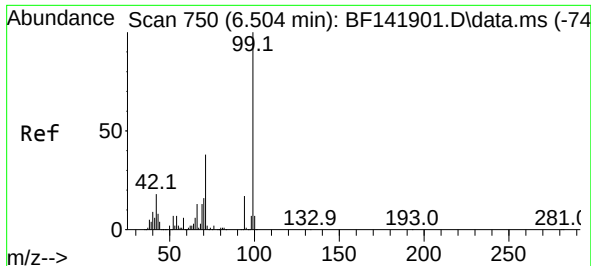
Tgt Ion:152 Resp: 150011
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.2
115 63.1 51.9 77.9



#5
2-Fluorophenol
Concen: 85.964 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion:112 Resp: 772674
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 30.7 25.4 38.2

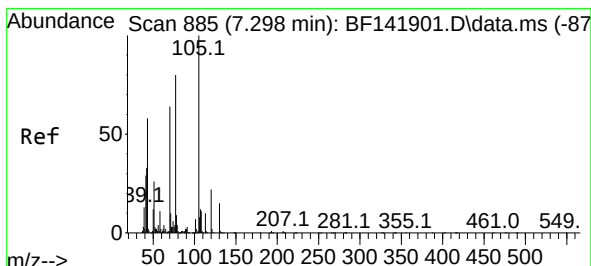
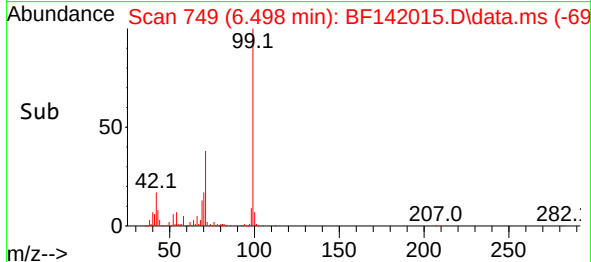
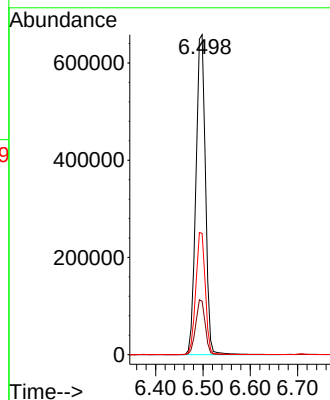
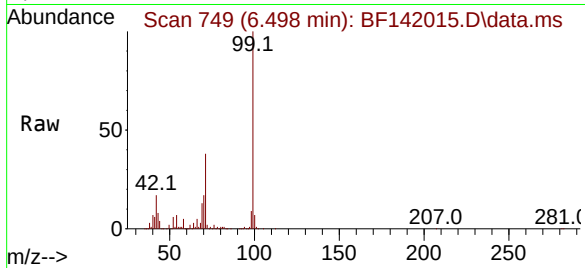




#7
Phenol-d6
Concen: 80.744 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

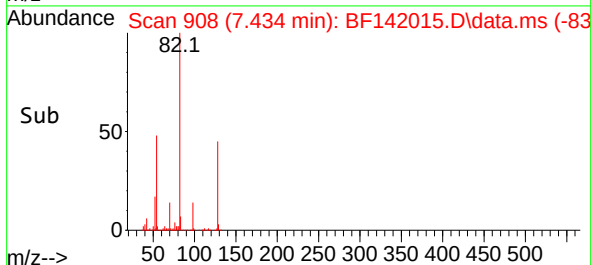
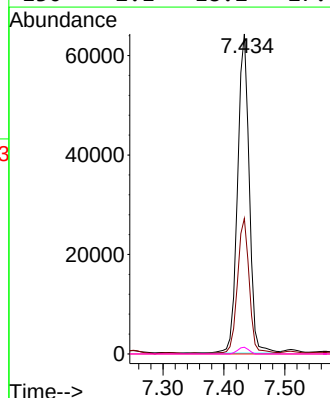
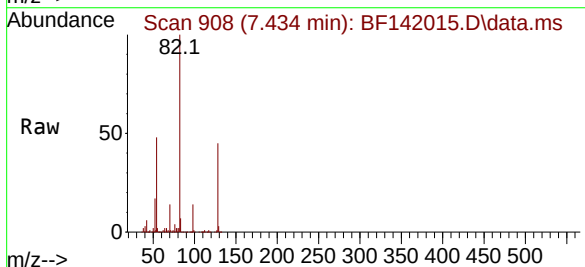
Instrument :
BNA_F
ClientSampleId :
CHRT24743

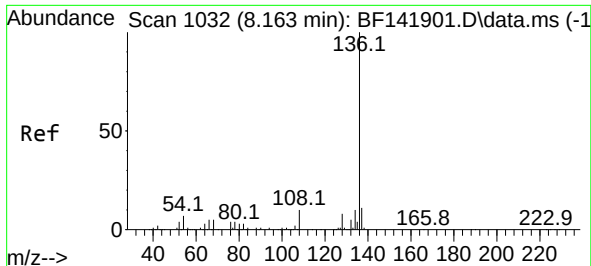
Tgt Ion: 99 Resp: 924041
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 37.9 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.612 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion: 70 Resp: 85388
Ion Ratio Lower Upper
70 100
42 42.4 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



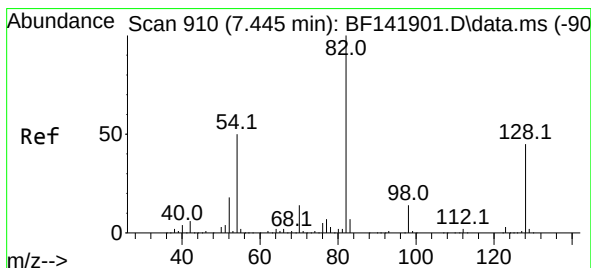
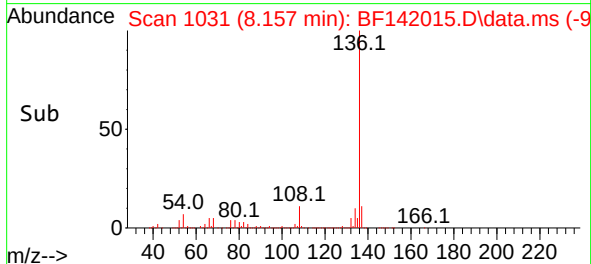
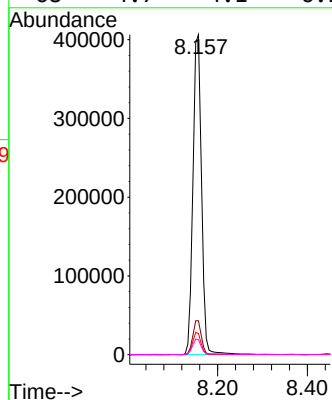
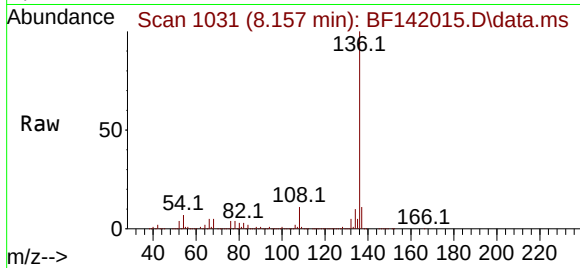


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Instrument :
BNA_F
ClientSampleId :
CHRT24743

Tgt Ion:136 Resp: 539670

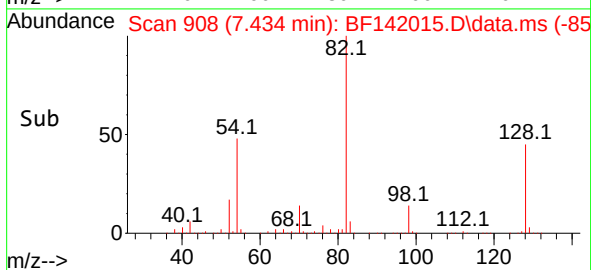
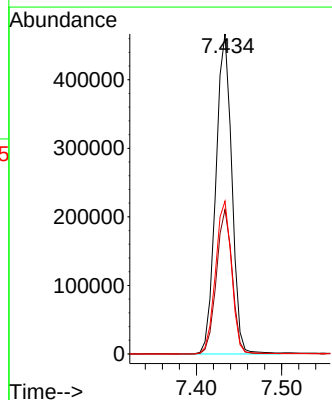
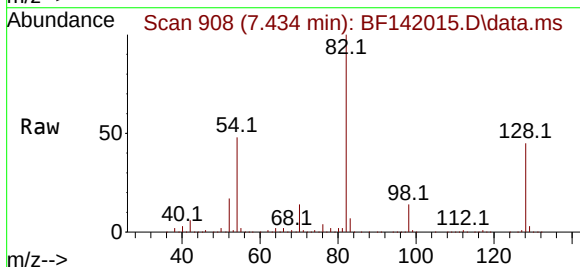
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	5.8	8.8
68	4.7	4.1	6.1

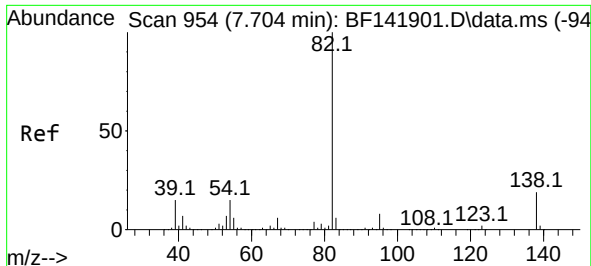


#23
Nitrobenzene-d5
Concen: 63.518 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion: 82 Resp: 609115

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.0	54.0
54	47.7	39.6	59.4

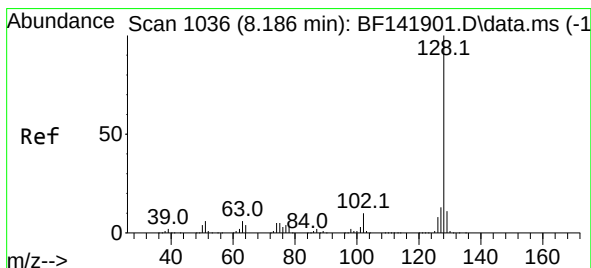
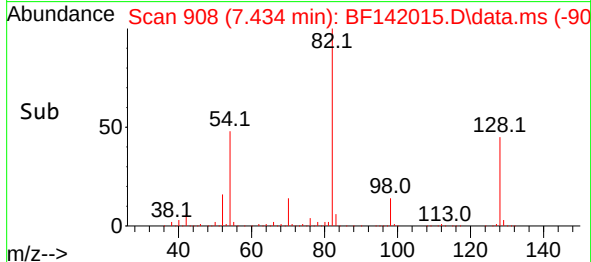
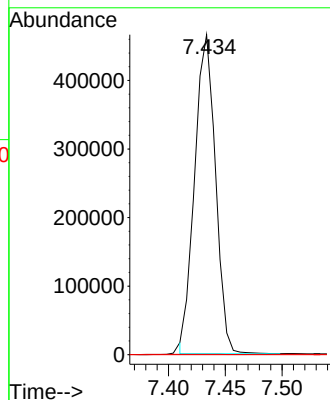
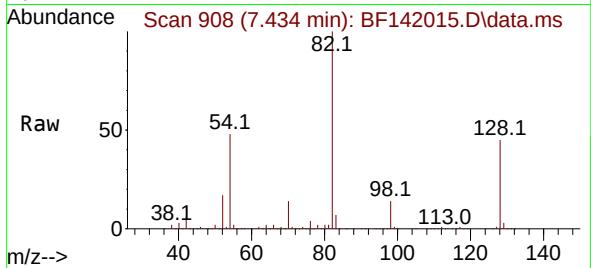




#25
Isophorone
Concen: 35.026 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

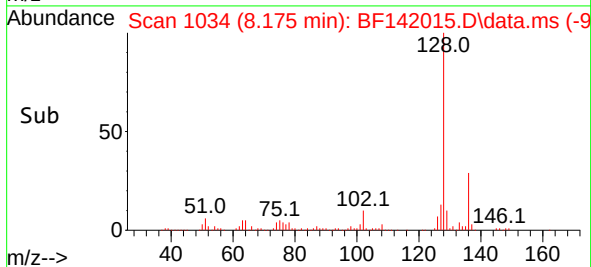
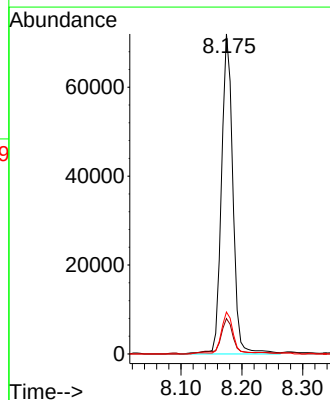
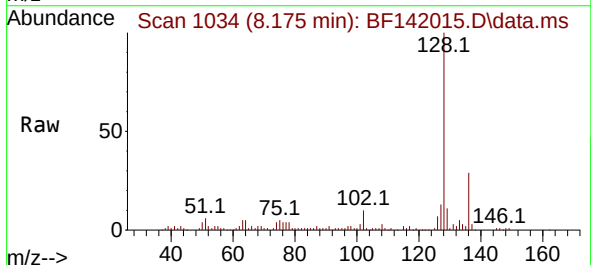
Instrument :
BNA_F
ClientSampleId :
CHRT24743

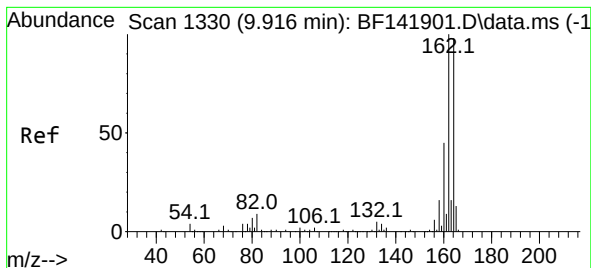
Tgt Ion: 82 Resp: 593744
Ion Ratio Lower Upper
82 100
95 0.1 6.4 9.6#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 3.376 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion: 128 Resp: 93579
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.8 16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142015.D

Acq: 20 Mar 2025 17:06

Instrument :

BNA_F

ClientSampleId :

CHRT24743

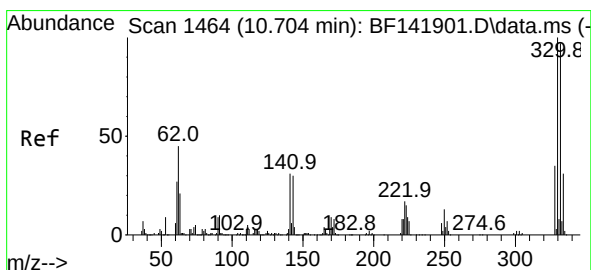
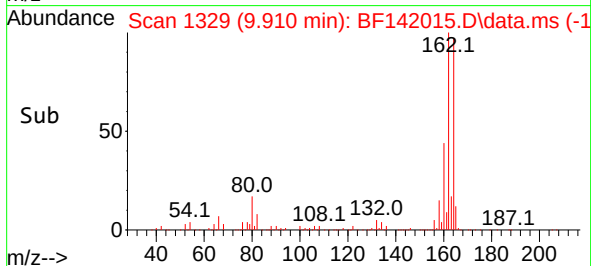
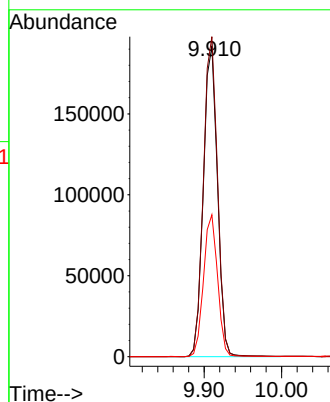
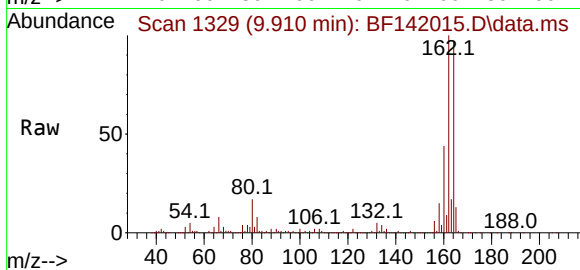
Tgt Ion:164 Resp: 242855

Ion Ratio Lower Upper

164 100

162 103.1 81.8 122.6

160 45.7 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 62.461 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142015.D

Acq: 20 Mar 2025 17:06

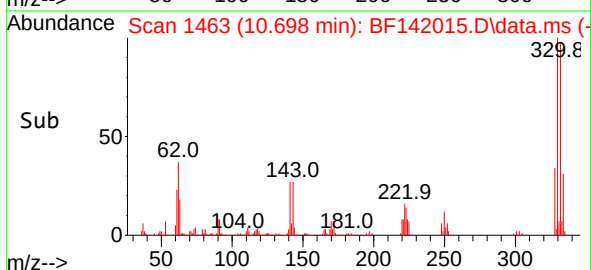
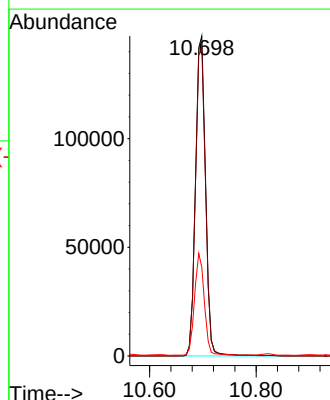
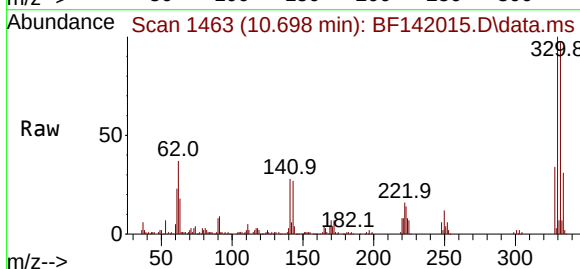
Tgt Ion:330 Resp: 192437

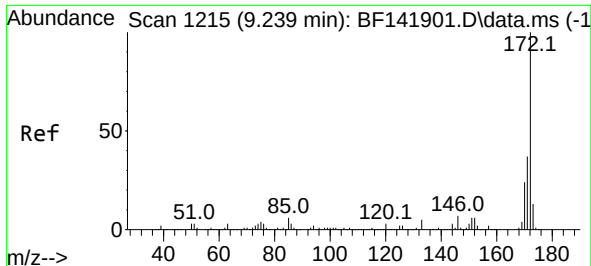
Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 31.2 24.7 37.1

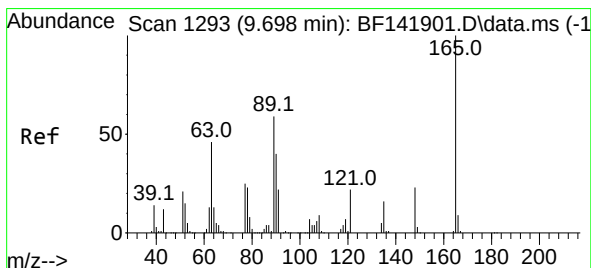
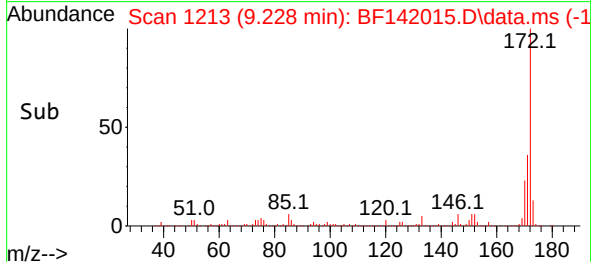
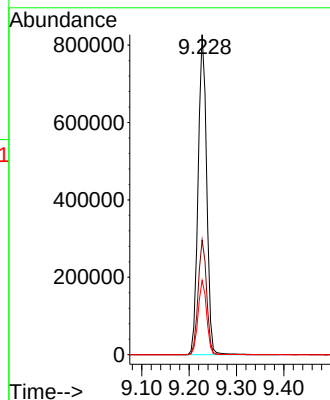
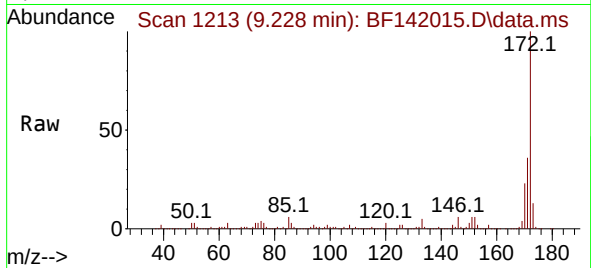




#45
2-Fluorobiphenyl
Concen: 64.913 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

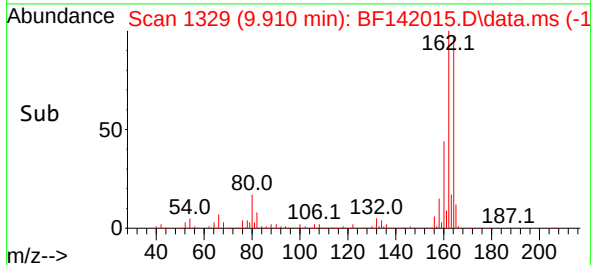
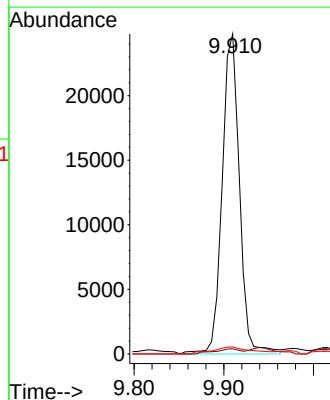
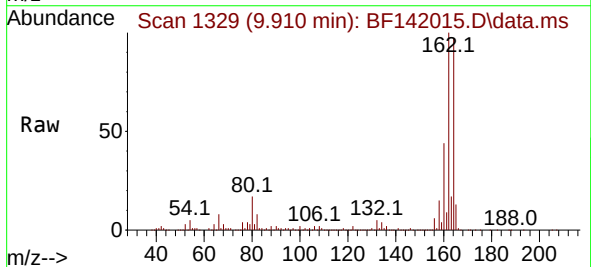
Instrument :
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CHRT24743

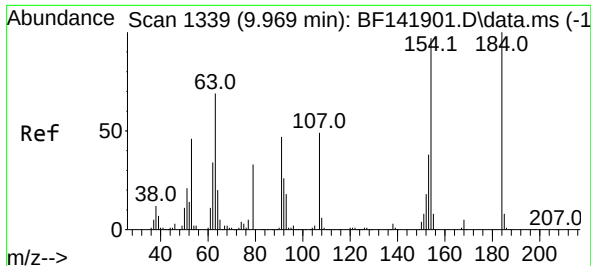
Tgt Ion:172 Resp: 1036582
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.2 19.4 29.0



#51
2,6-Dinitrotoluene
Concen: 9.381 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion:165 Resp: 33219
Ion Ratio Lower Upper
165 100
63 1.6 47.0 70.4#
89 2.1 47.4 71.2#

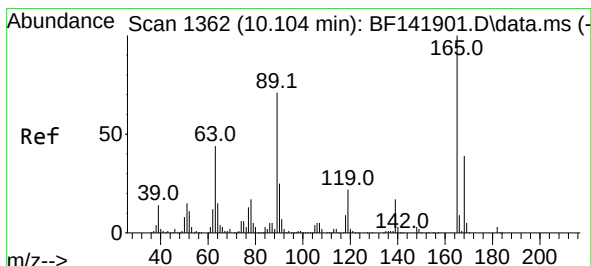
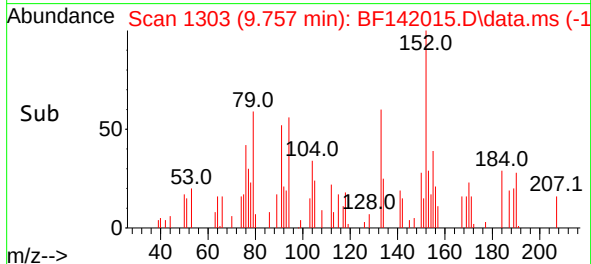
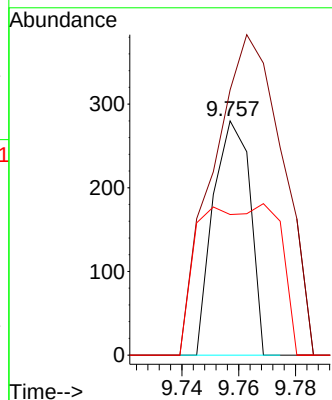
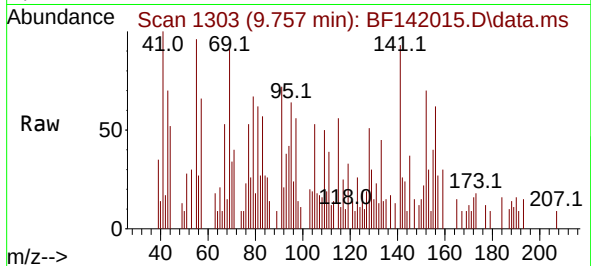




#54
2,4-Dinitrophenol
Concen: 6.688 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

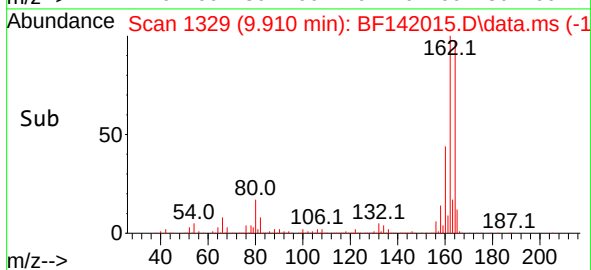
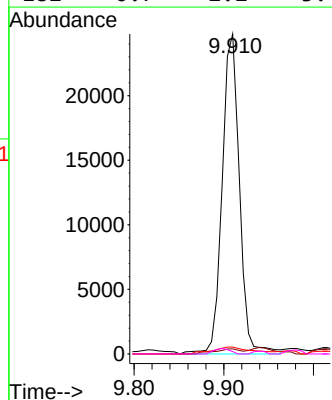
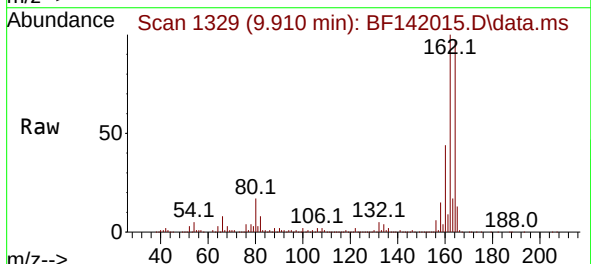
Instrument :
BNA_F
ClientSampleId :
CHRT24743

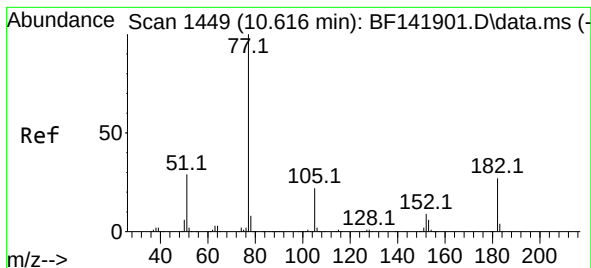
Tgt Ion:184 Resp: 252
Ion Ratio Lower Upper
184 100
63 113.2 60.2 90.4#
154 60.0 132.9 199.3#



#57
2,4-Dinitrotoluene
Concen: 7.183 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion:165 Resp: 33219
Ion Ratio Lower Upper
165 100
63 1.6 35.4 53.2#
89 2.1 56.6 84.8#
182 0.7 2.2 3.4#





#63

Azobenzene

Concen: 4.768 ng

RT: 10.622 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF142015.D

Acq: 20 Mar 2025 17:06

Instrument :

BNA_F

ClientSampleId :

CHRT24743

Tgt Ion: 77 Resp: 75170

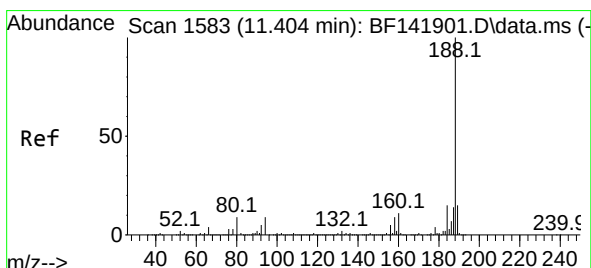
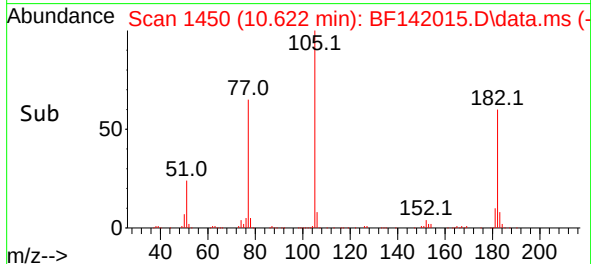
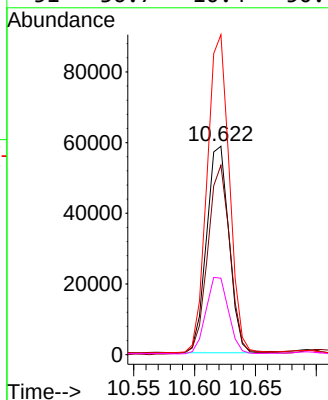
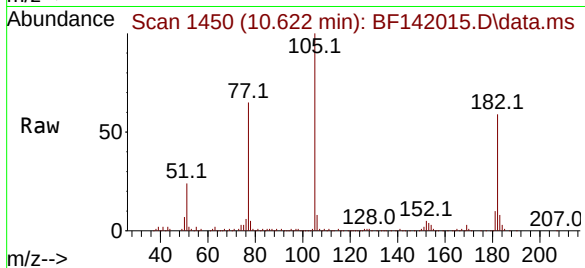
Ion Ratio Lower Upper

77 100

182 90.9 6.6 46.6#

105 153.5 1.3 41.3#

51 36.7 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142015.D

Acq: 20 Mar 2025 17:06

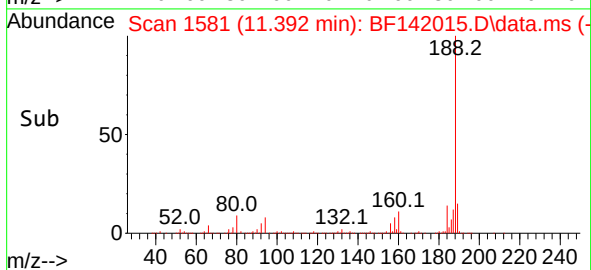
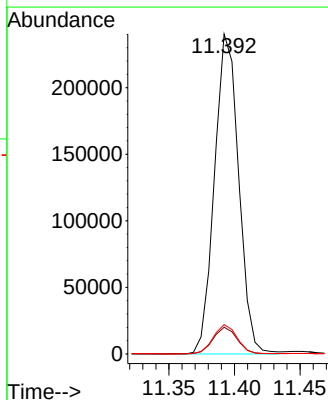
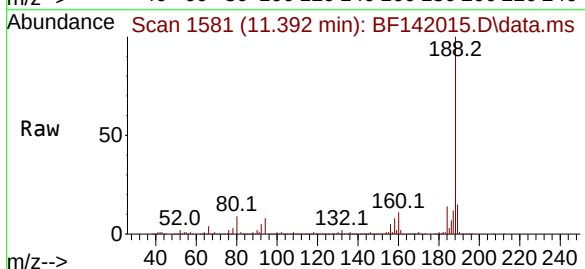
Tgt Ion: 188 Resp: 308403

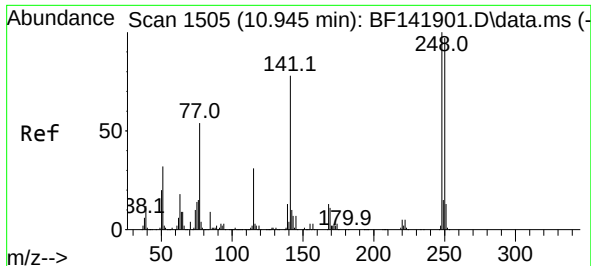
Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 9.2 7.6 11.4

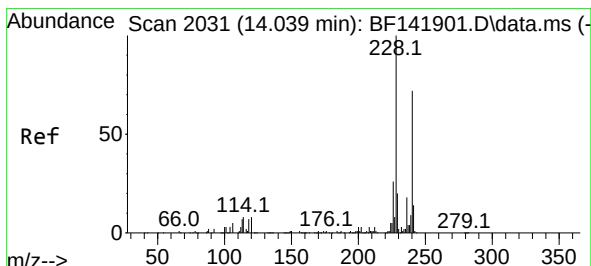
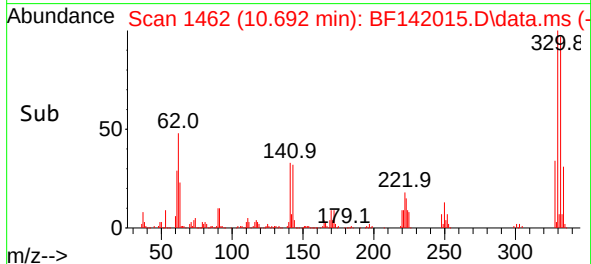
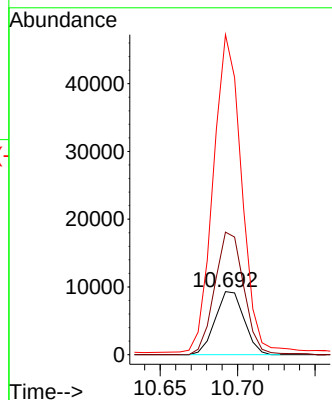
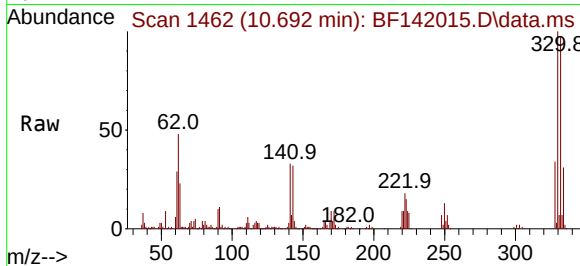




#67
4-Bromophenyl-phenylether
Concen: 3.114 ng
RT: 10.692 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

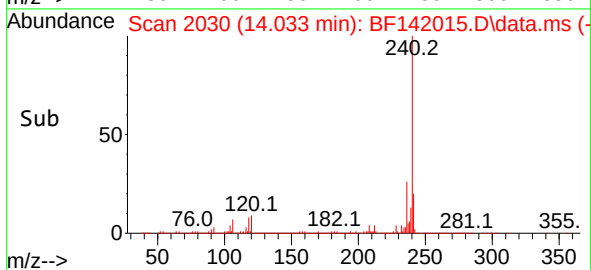
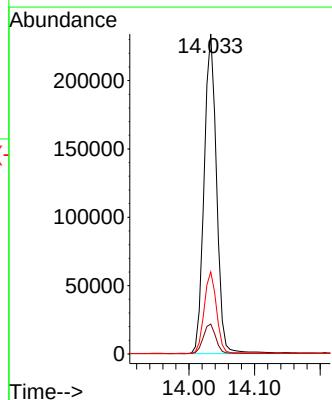
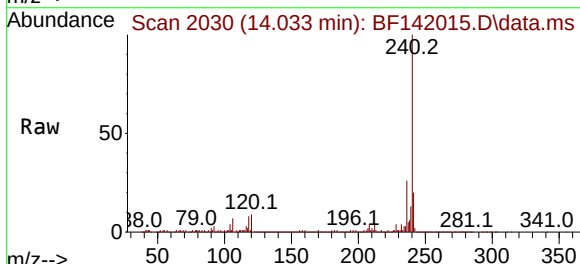
Instrument :
BNA_F
ClientSampleId :
CHRT24743

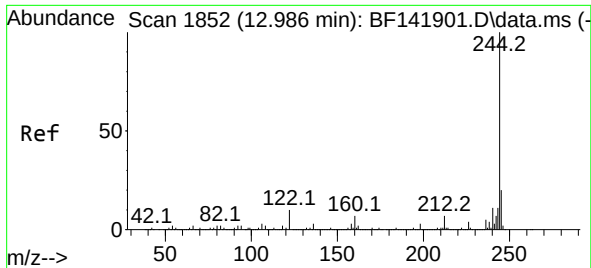
Tgt Ion:248 Resp: 12061
Ion Ratio Lower Upper
248 100
250 194.5 77.8 116.8#
141 507.8 62.6 93.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion:240 Resp: 309731
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.6 20.5 30.7

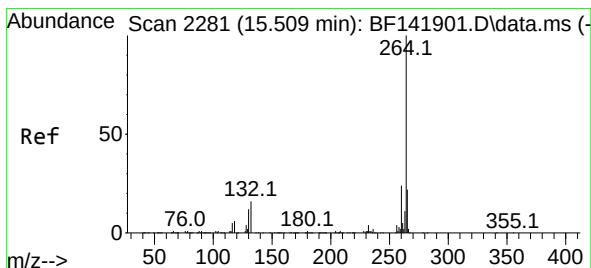
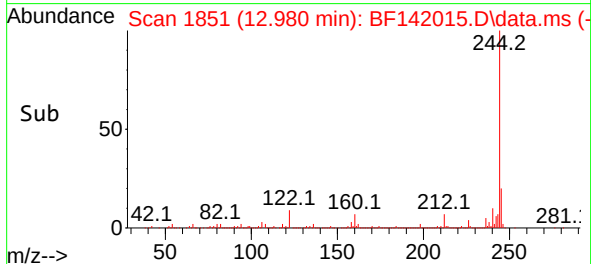
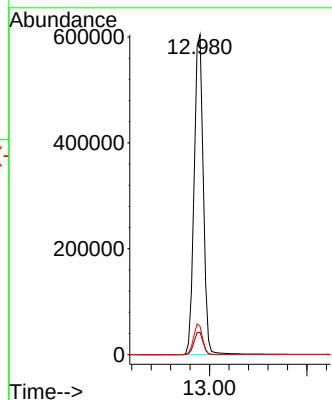
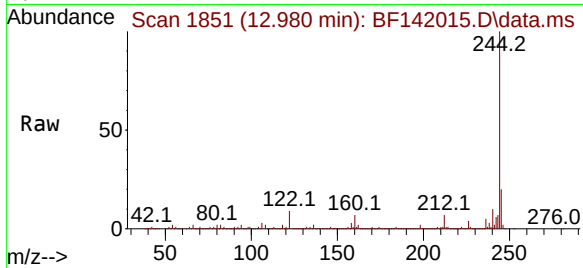




#79
 Terphenyl-d14
 Concen: 38.080 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142015.D
 Acq: 20 Mar 2025 17:06

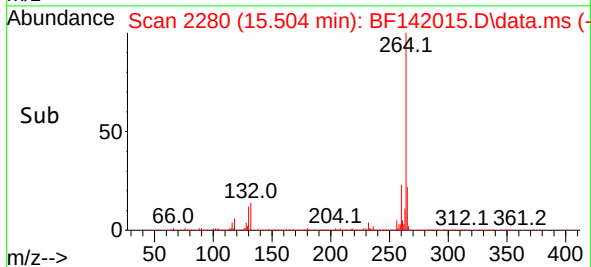
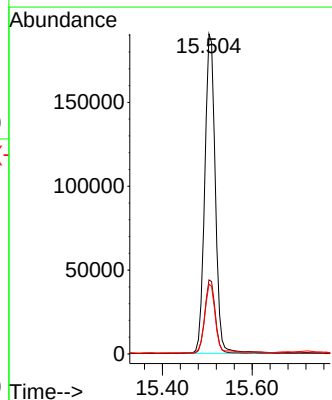
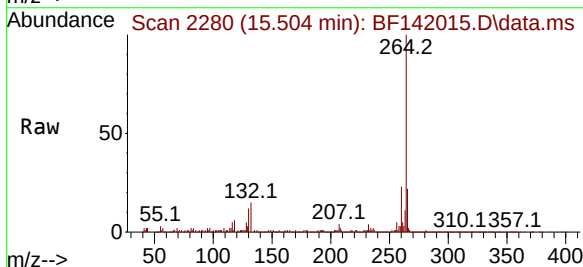
Instrument :
 BNA_F
 ClientSampleId :
 CHRT24743

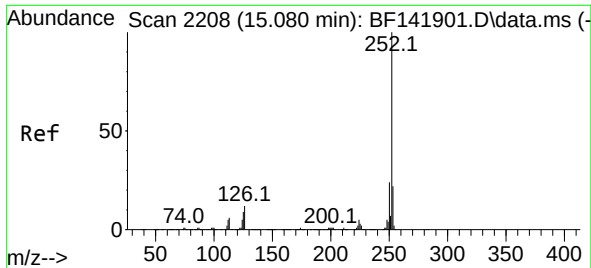
Tgt Ion:244 Resp: 797754
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142015.D
 Acq: 20 Mar 2025 17:06

Tgt Ion:264 Resp: 310988
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.8 17.5 26.3

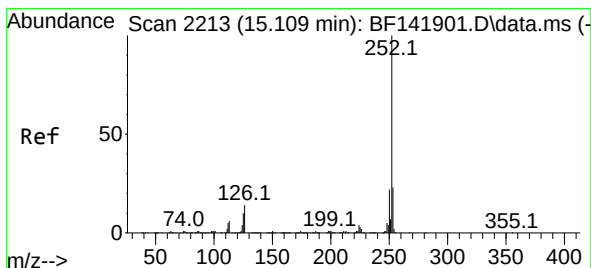
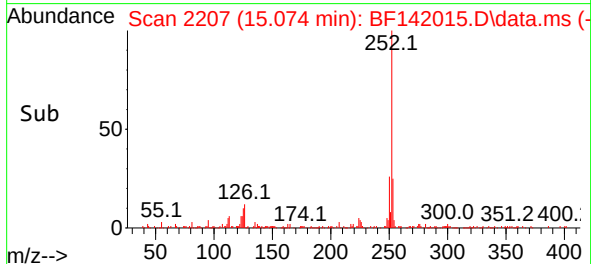
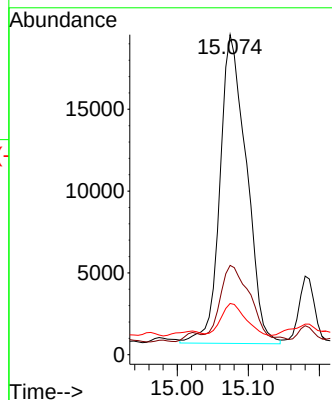
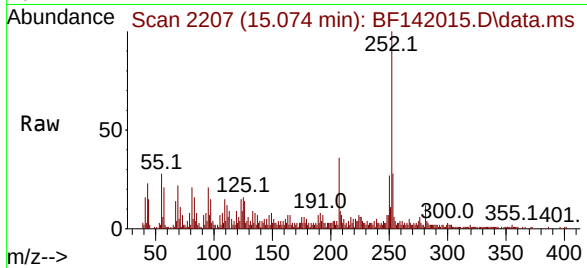




#88
Benzo(b)fluoranthene
Concen: 2.287 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Instrument :
BNA_F
ClientSampleId :
CHRT24743

Tgt Ion:252 Resp: 48748
Ion Ratio Lower Upper
252 100
253 27.9 17.5 26.3#
125 16.0 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 2.673 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.035 min
Lab File: BF142015.D
Acq: 20 Mar 2025 17:06

Tgt Ion:252 Resp: 48748
Ion Ratio Lower Upper
252 100
253 27.9 17.7 26.5#
125 16.0 7.2 10.8#

