

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143495.D
 Acq On : 20 Aug 2025 20:08
 Operator : RC/JU
 Sample : Q2900-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11B-081825

Quant Time: Aug 21 02:05:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 20 15:07:46 2025
 Response via : Initial Calibration

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

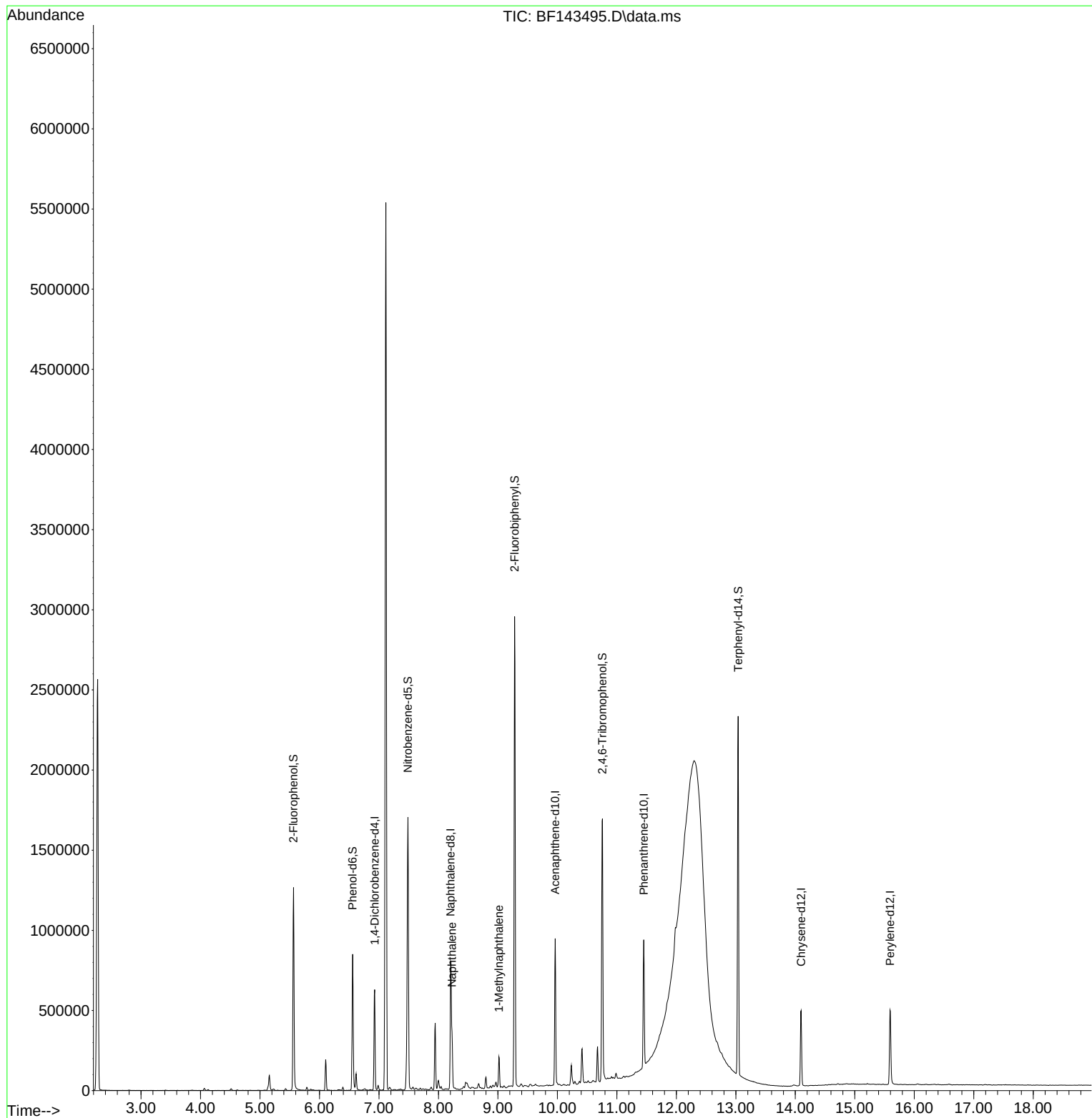
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	135207	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	510064	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	268416	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	401142	20.000	ng	0.00
76) Chrysene-d12	14.098	240	238389	20.000	ng	0.00
86) Perylene-d12	15.592	264	292027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	464555	59.996	ng	0.00
7) Phenol-d6	6.557	99	385696	40.351	ng	-0.02
23) Nitrobenzene-d5	7.486	82	747991	85.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	306015	122.477	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1309348	80.618	ng	0.00
79) Terphenyl-d14	13.039	244	1102840	80.729	ng	0.00
Target Compounds						
31) Naphthalene	8.227	128	199663	8.153	ng	99
38) 1-Methylnaphthalene	9.016	142	69637	4.451	ng	100

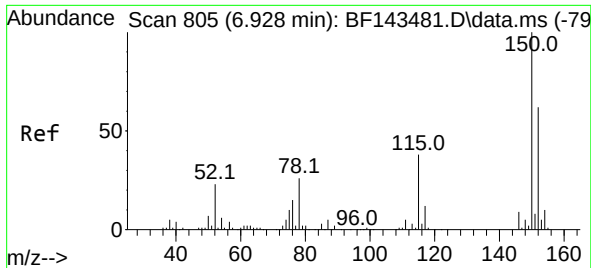
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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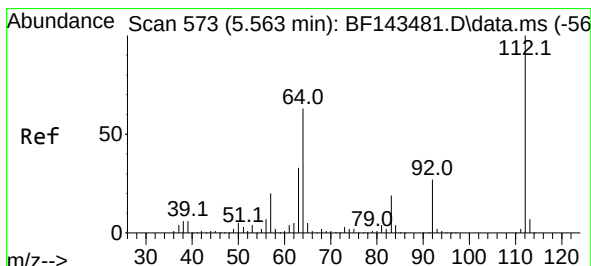
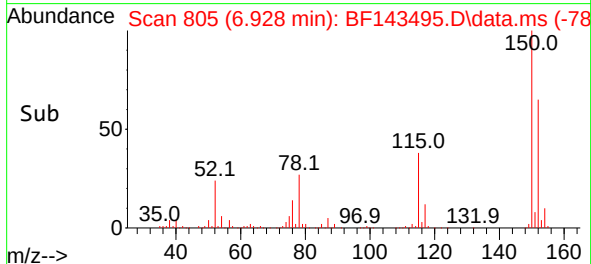
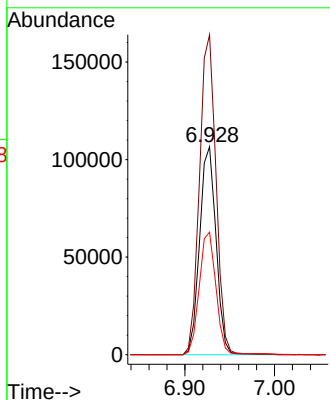
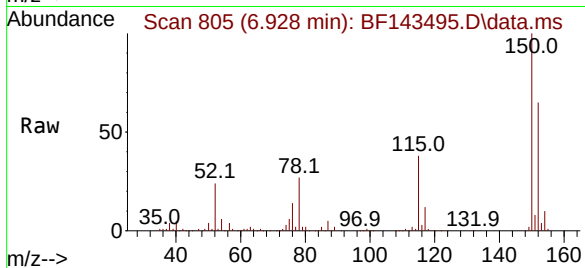




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143495.D
 Acq: 20 Aug 2025 20:08

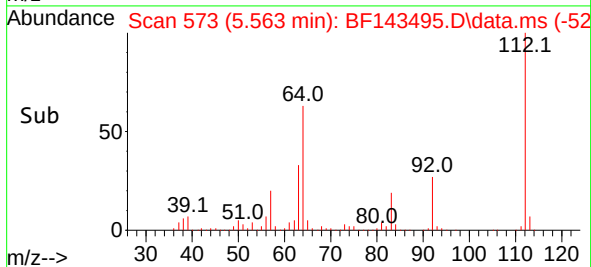
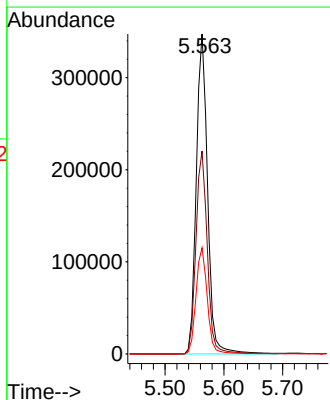
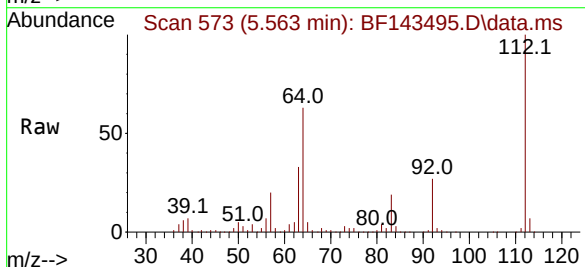
Instrument :
 BNA_F
 ClientSampleId :
 MW-11B-081825

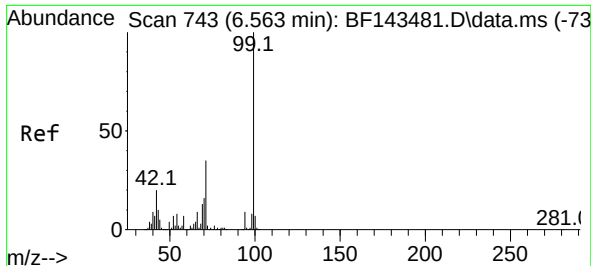
Tgt Ion:152 Resp: 135207
 Ion Ratio Lower Upper
 152 100
 150 153.8 128.9 193.3
 115 58.9 49.2 73.8



#5
 2-Fluorophenol
 Concen: 59.996 ng
 RT: 5.563 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF143495.D
 Acq: 20 Aug 2025 20:08

Tgt Ion:112 Resp: 464555
 Ion Ratio Lower Upper
 112 100
 64 63.4 50.4 75.6
 63 33.2 26.4 39.6

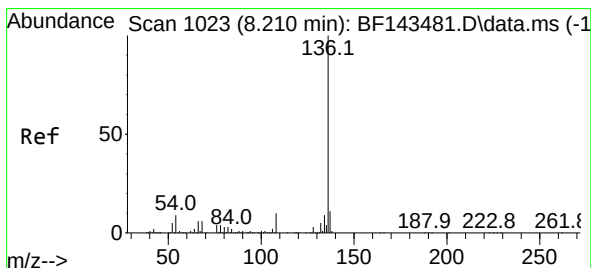
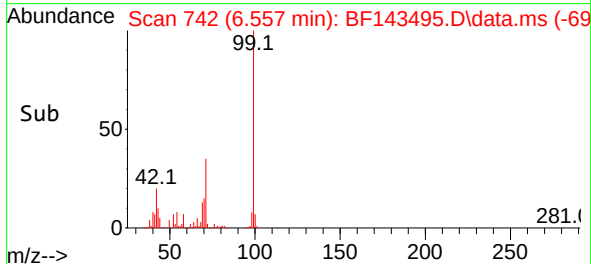
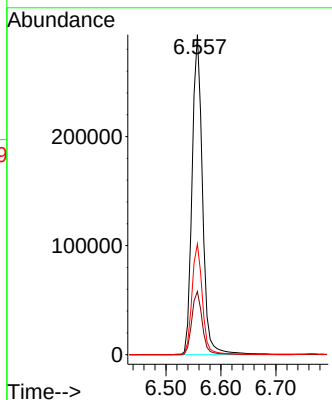
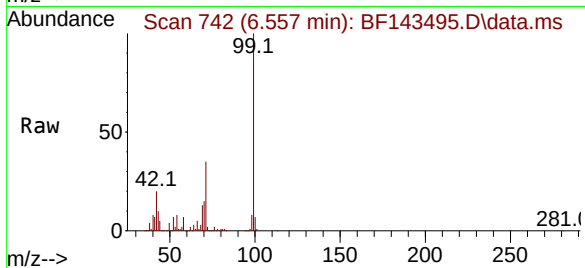




#7
Phenol-d6
Concen: 40.351 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

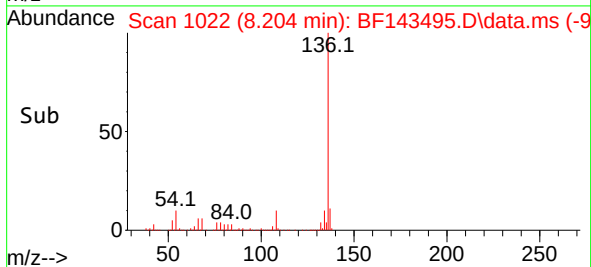
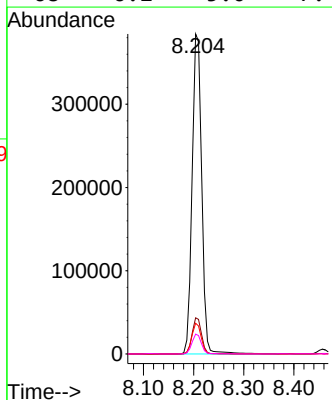
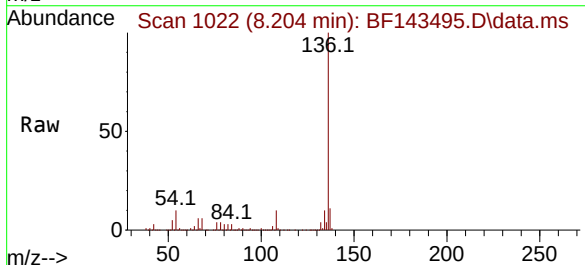
Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

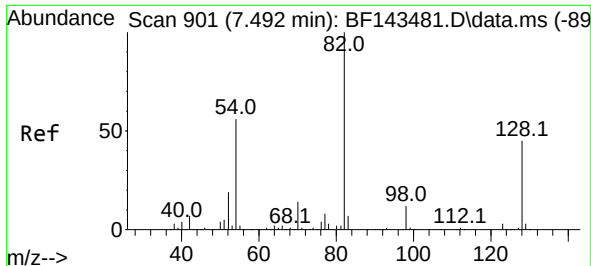
Tgt Ion: 99 Resp: 385696
Ion Ratio Lower Upper
99 100
42 19.8 16.3 24.5
71 34.6 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion: 136 Resp: 510064
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 9.6 7.4 11.2
68 6.2 5.0 7.4

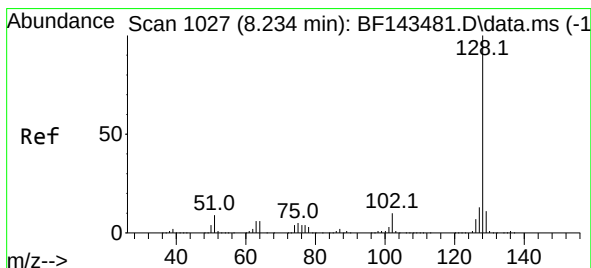
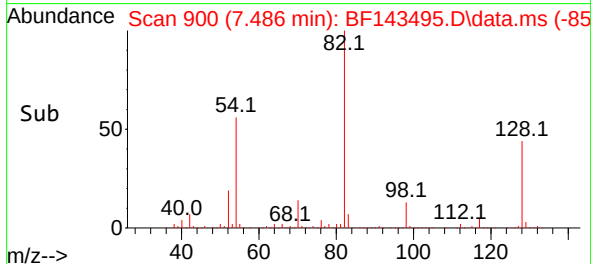
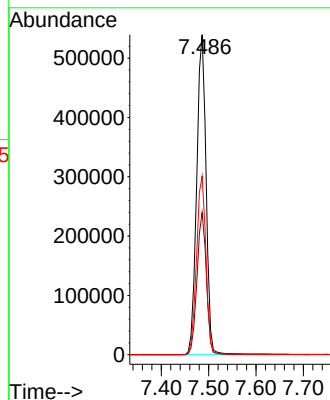
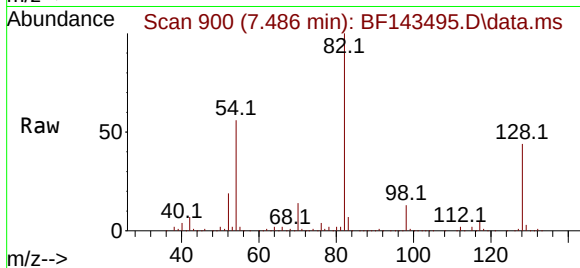




#23
Nitrobenzene-d5
Concen: 85.575 ng
RT: 7.486 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

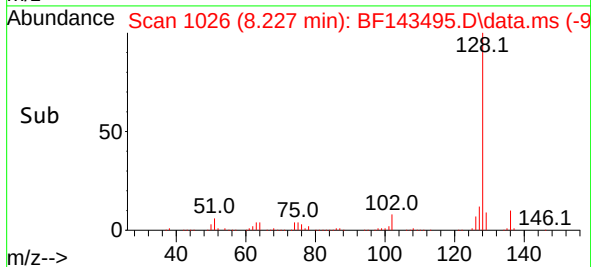
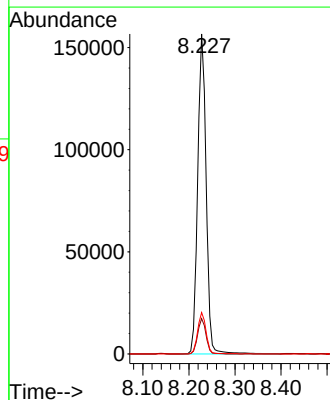
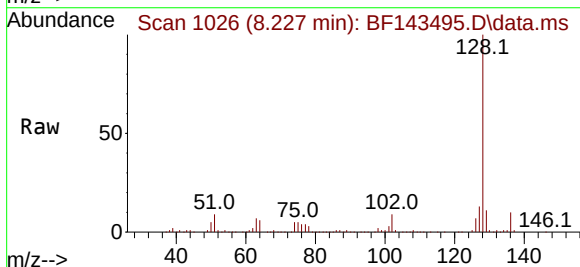
Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

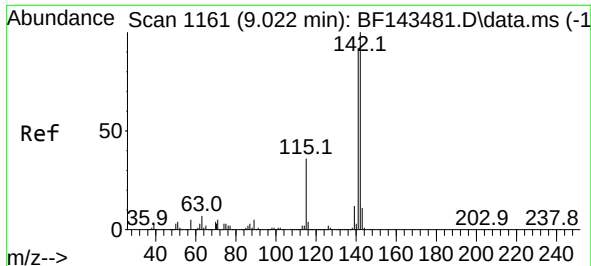
Tgt Ion: 82 Resp: 747991
Ion Ratio Lower Upper
82 100
128 44.4 35.5 53.3
54 55.8 44.3 66.5



#31
Naphthalene
Concen: 8.153 ng
RT: 8.227 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion: 128 Resp: 199663
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.6 16.0

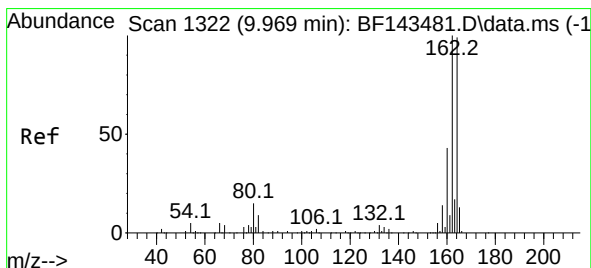
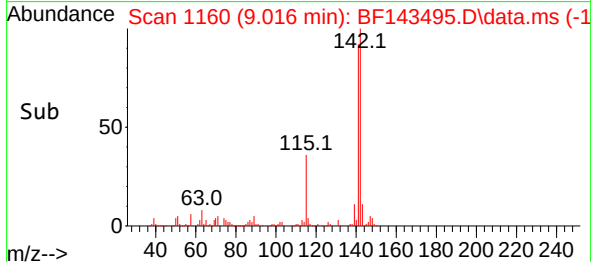
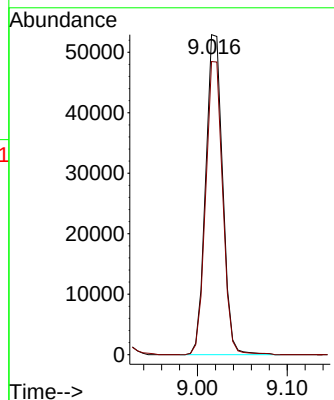
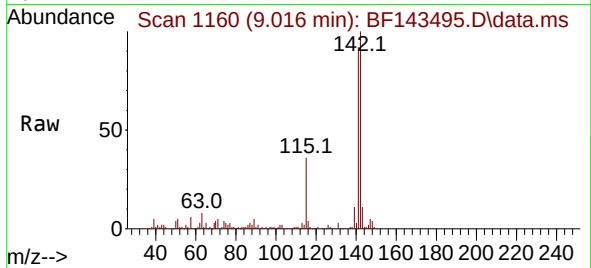




#38
1-Methylnaphthalene
Concen: 4.451 ng
RT: 9.016 min Scan# 1160
Delta R.T. -0.012 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

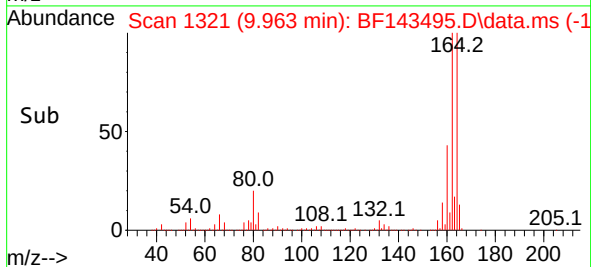
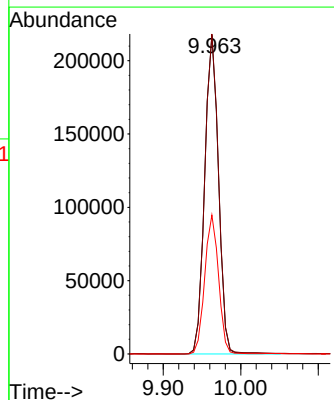
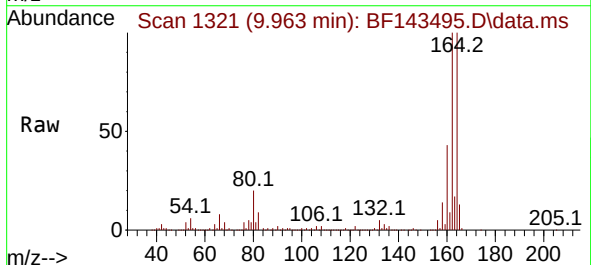
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ClientSampleId :
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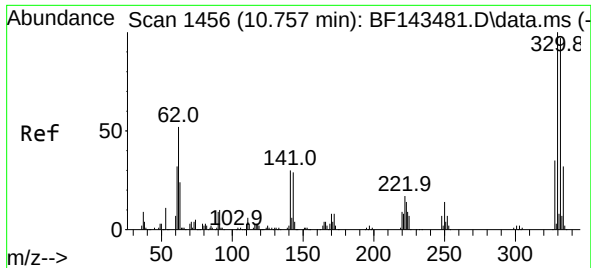
Tgt Ion:142 Resp: 69637
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:164 Resp: 268416
Ion Ratio Lower Upper
164 100
162 100.4 80.5 120.7
160 43.6 34.3 51.5

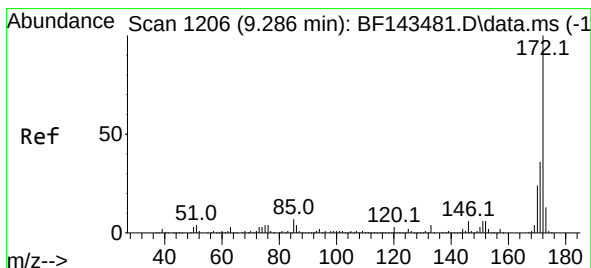
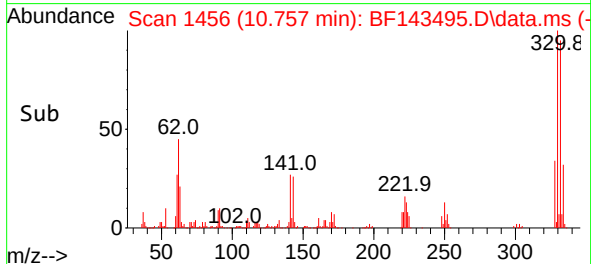
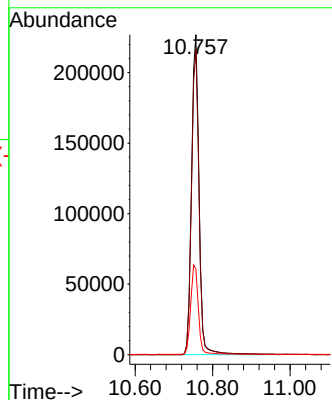
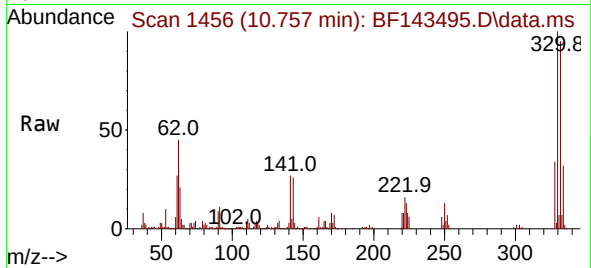




#42
2,4,6-Tribromophenol
Concen: 122.477 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

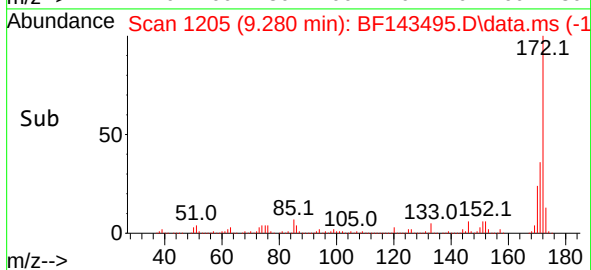
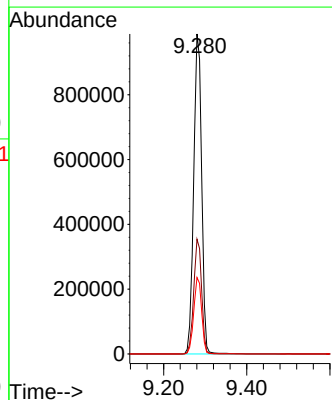
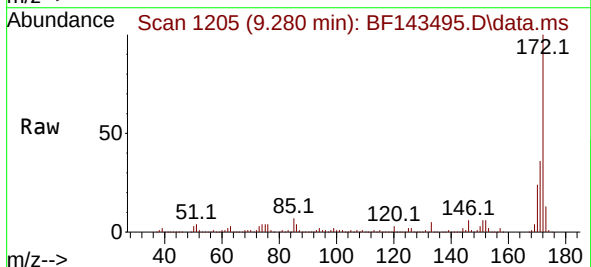
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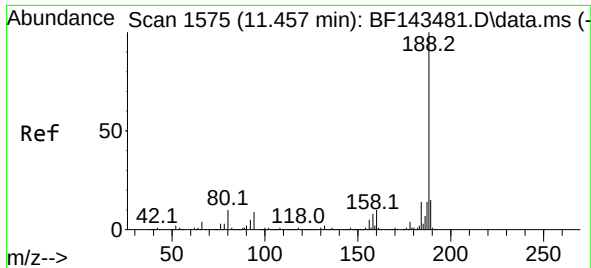
Tgt Ion:330 Resp: 306015
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 28.5 23.7 35.5



#45
2-Fluorobiphenyl
Concen: 80.618 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:172 Resp: 1309348
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.9 18.8 28.2

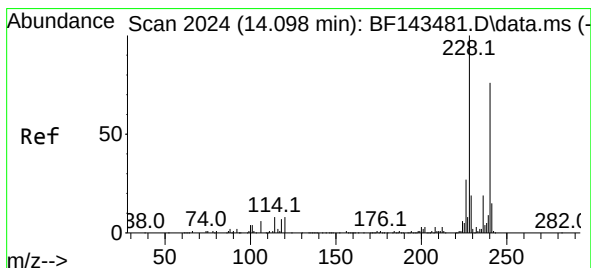
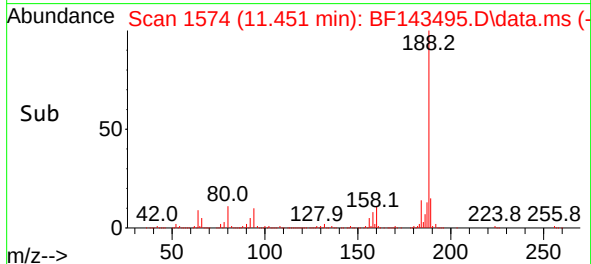
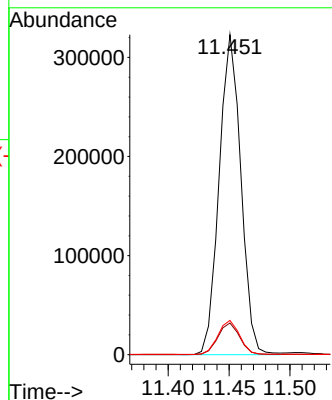
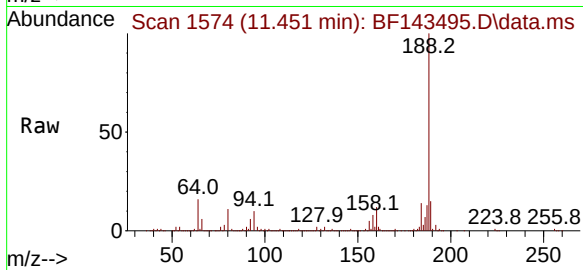




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

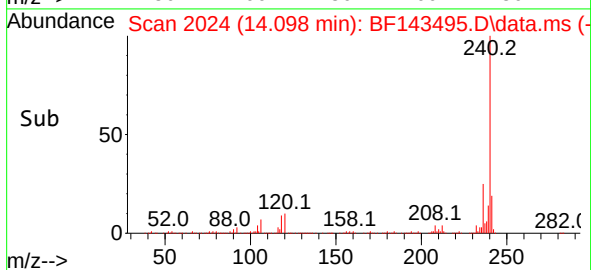
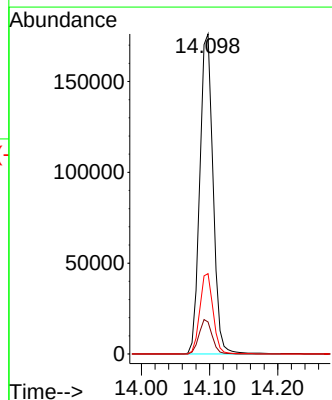
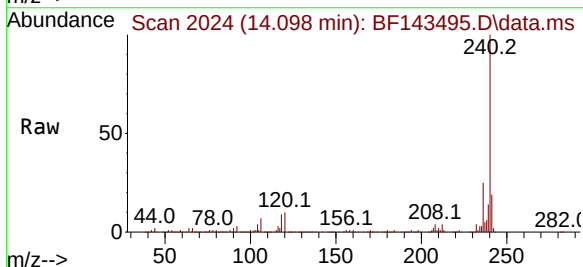
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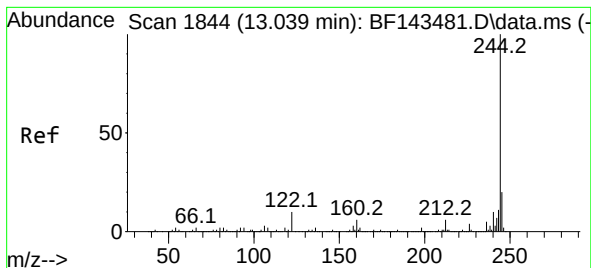
Tgt Ion:188 Resp: 401142
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143495.D
Acq: 20 Aug 2025 20:08

Tgt Ion:240 Resp: 238389
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.1 20.4 30.6





#79

Terphenyl-d14

Concen: 80.729 ng

RT: 13.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143495.D

Acq: 20 Aug 2025 20:08

Instrument :

BNA_F

ClientSampleId :

MW-11B-081825

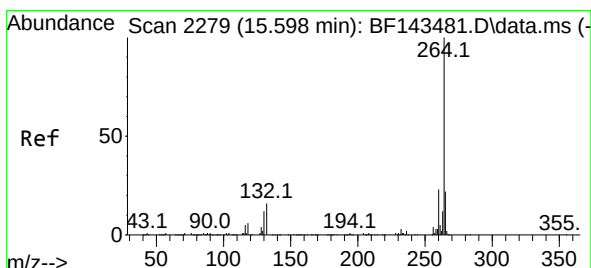
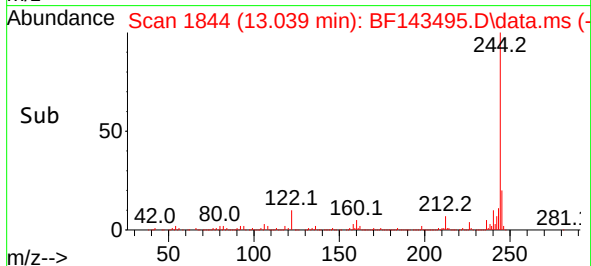
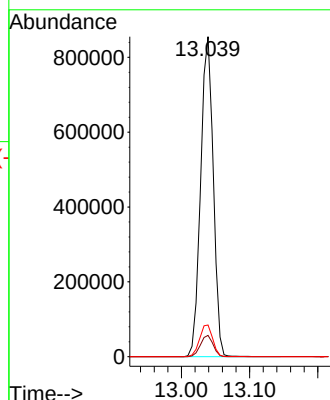
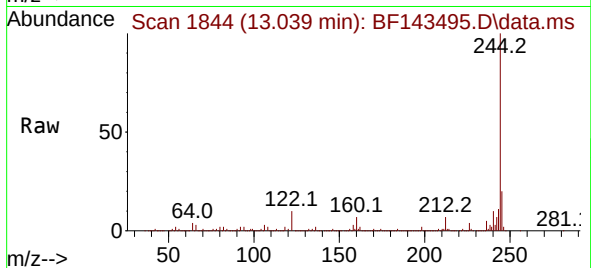
Tgt Ion:244 Resp: 1102840

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF143495.D

Acq: 20 Aug 2025 20:08

Tgt Ion:264 Resp: 292027

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.0 17.6 26.4

