

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143205.D
 Acq On : 22 Jul 2025 23:15
 Operator : RC/JU
 Sample : Q2660-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0205

Quant Time: Jul 23 04:55:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

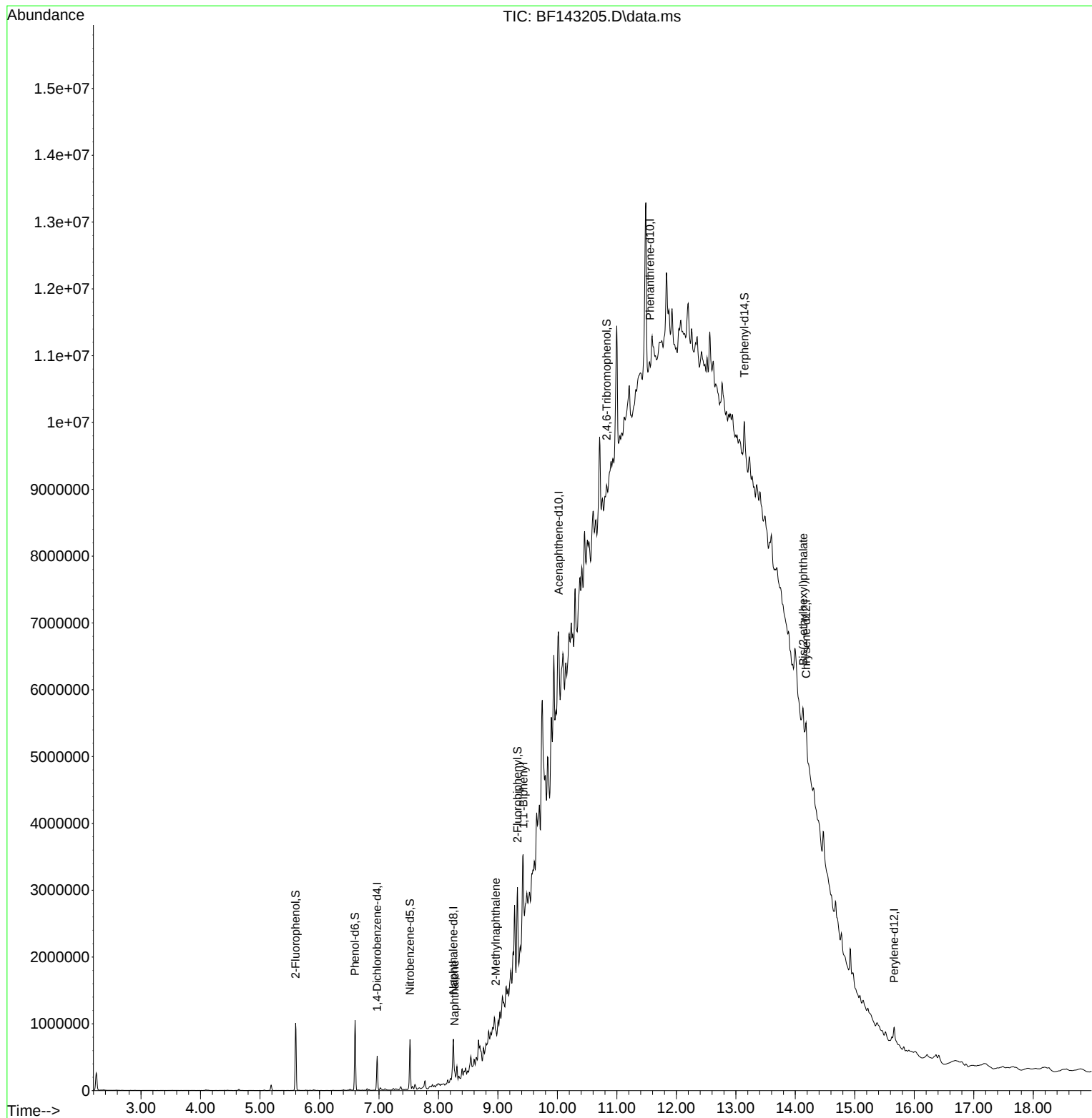
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	100544	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	346496	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	130311	20.000	ng	0.02
64) Phenanthrene-d10	11.557	188	114398	20.000	ng	# 0.07
76) Chrysene-d12	14.180	240	200344	20.000	ng	# 0.06
86) Perylene-d12	15.662	264	133226	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	352712	55.513	ng	0.01
7) Phenol-d6	6.598	99	442392	55.318	ng	0.01
23) Nitrobenzene-d5	7.522	82	296313	42.628	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	70242	52.179	ng	0.04
45) 2-Fluorobiphenyl	9.328	172	456040	47.862	ng	0.00
79) Terphenyl-d14	13.145	244	308651	22.926	ng	0.08
Target Compounds						
						Qvalue
31) Naphthalene	8.269	128	35289	2.068	ng	98
37) 2-Methylnaphthalene	8.963	142	21876	2.107	ng	100
46) 1,1'-Biphenyl	9.428	154	55030	5.413	ng	95
84) Bis(2-ethylhexyl)phtha...	14.133	149	111043	14.012	ng	# 84

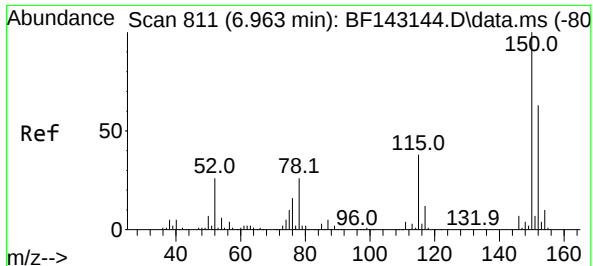
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143205.D
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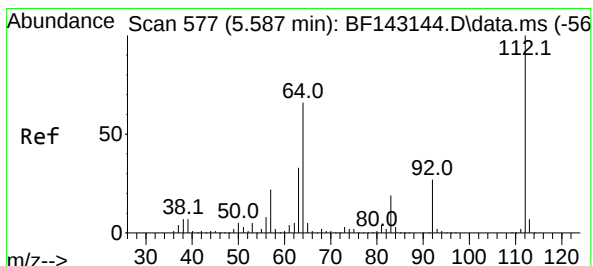
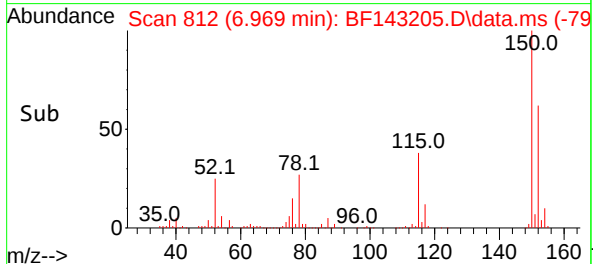
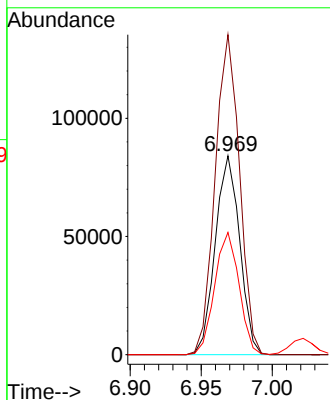
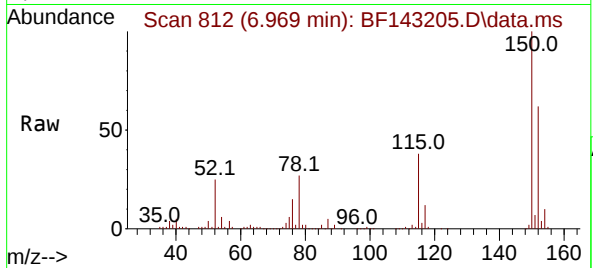




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

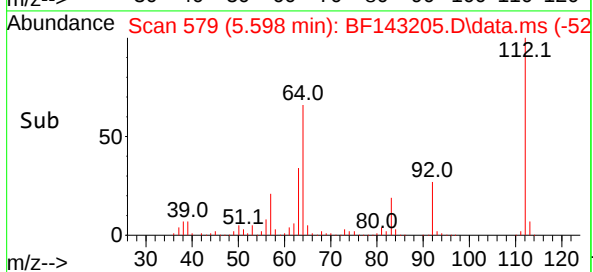
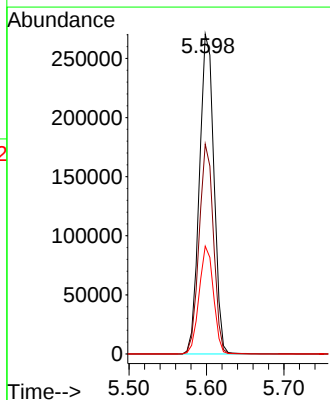
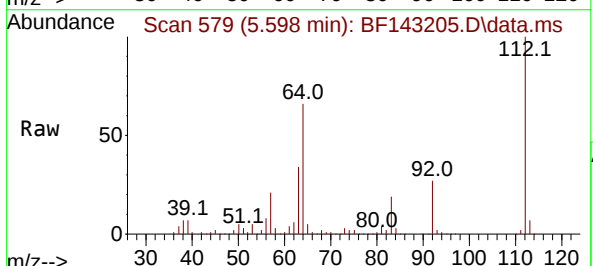
Instrument :
BNA_F
ClientSampleId :
MOO-25-0205

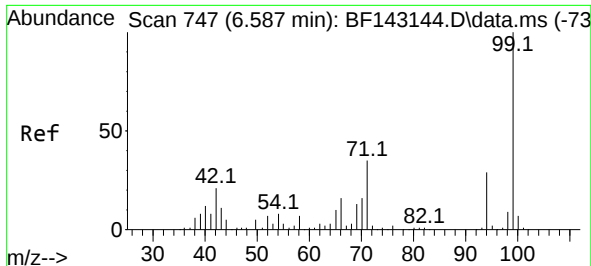
Tgt Ion:152 Resp: 100544
Ion Ratio Lower Upper
152 100
150 160.9 128.2 192.4
115 61.5 47.9 71.9



#5
2-Fluorophenol
Concen: 55.513 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

Tgt Ion:112 Resp: 352712
Ion Ratio Lower Upper
112 100
64 65.6 53.1 79.7
63 33.7 26.6 40.0

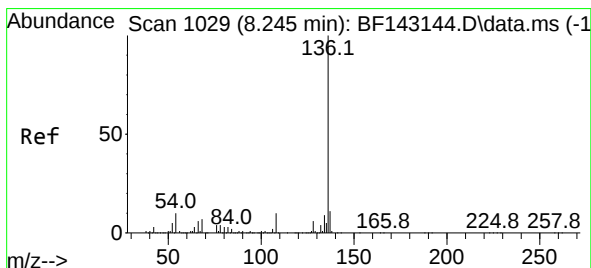
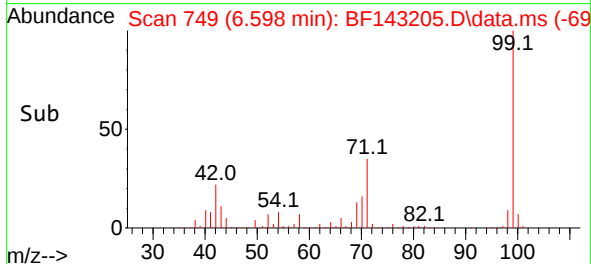
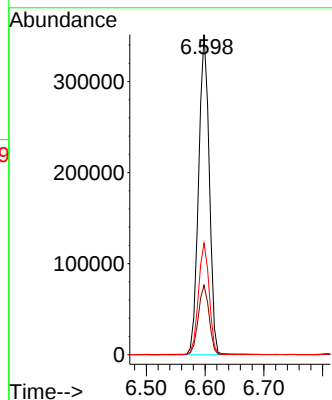
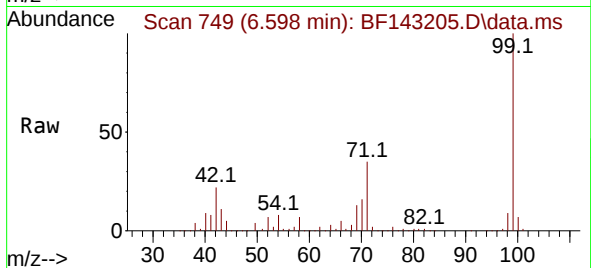




#7
Phenol-d6
Concen: 55.318 ng
RT: 6.598 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

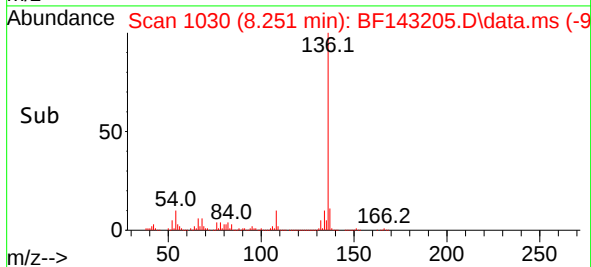
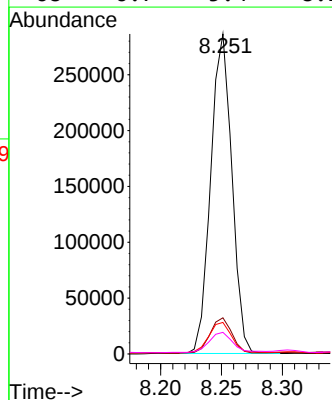
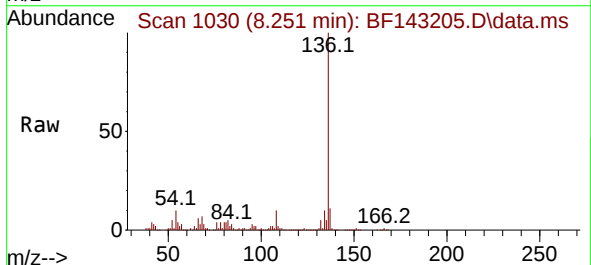
Instrument :
BNA_F
ClientSampleId :
MOO-25-0205

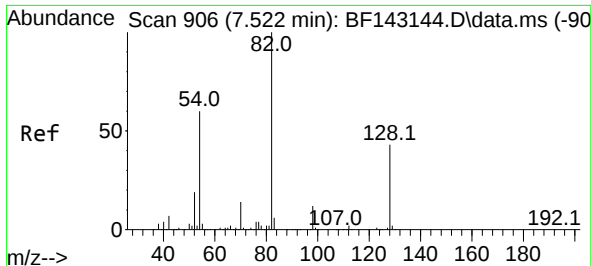
Tgt Ion: 99 Resp: 442392
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

Tgt Ion: 136 Resp: 346496
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.9 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 42.628 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143205.D

Acq: 22 Jul 2025 23:15

Instrument :

BNA_F

ClientSampleId :

MOO-25-0205

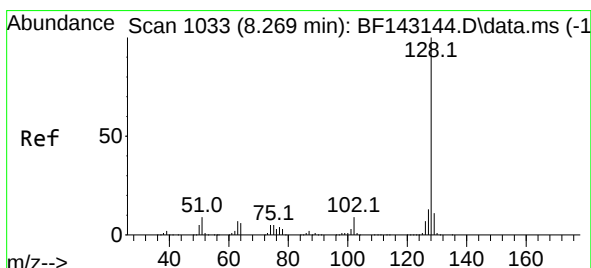
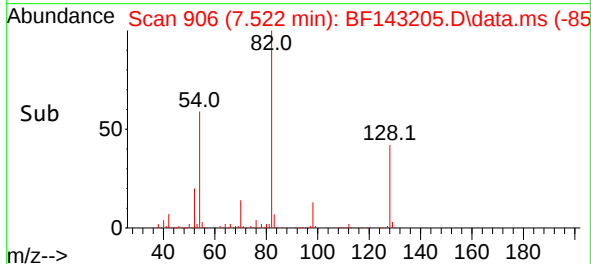
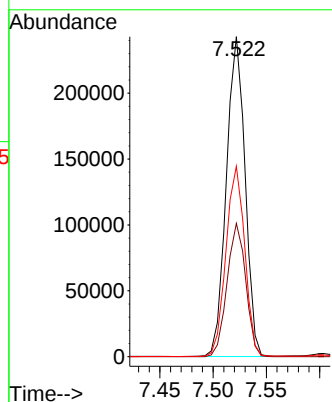
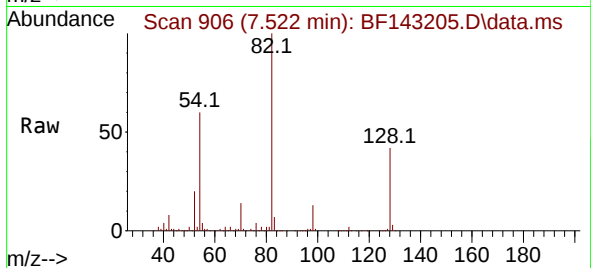
Tgt Ion: 82 Resp: 296313

Ion Ratio Lower Upper

82 100

128 41.6 33.6 50.4

54 59.5 47.1 70.7



#31

Naphthalene

Concen: 2.068 ng

RT: 8.269 min Scan# 1033

Delta R.T. -0.000 min

Lab File: BF143205.D

Acq: 22 Jul 2025 23:15

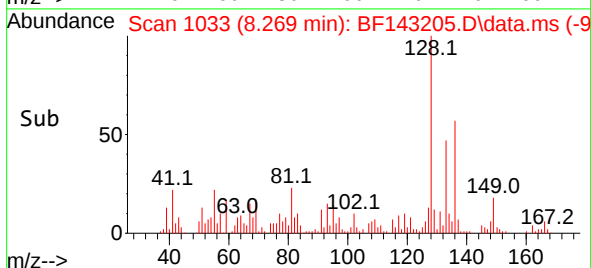
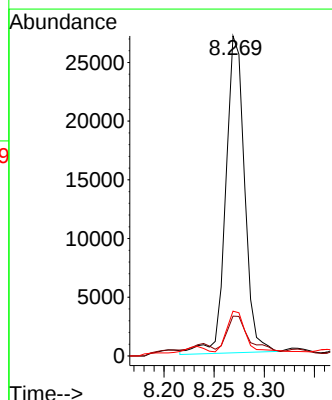
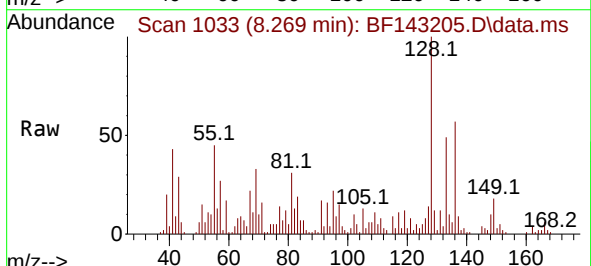
Tgt Ion: 128 Resp: 35289

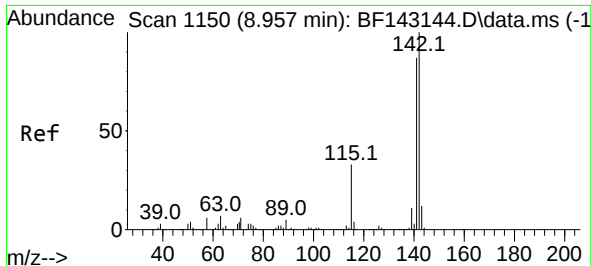
Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.4

127 14.0 10.6 16.0

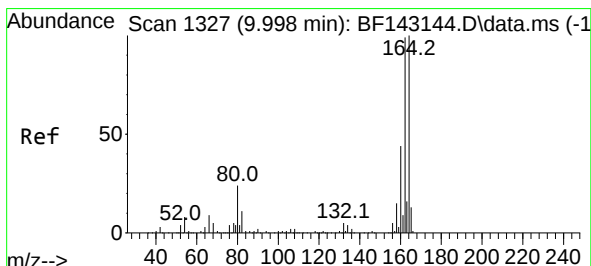
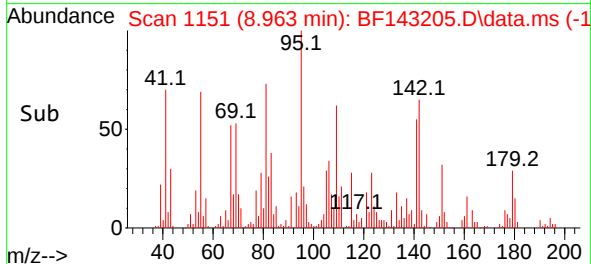
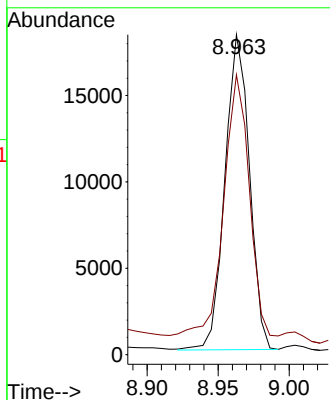
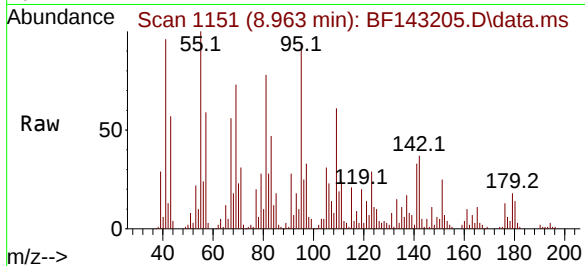




#37
2-Methylnaphthalene
Concen: 2.107 ng
RT: 8.963 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

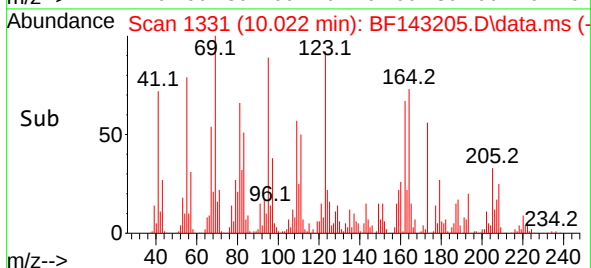
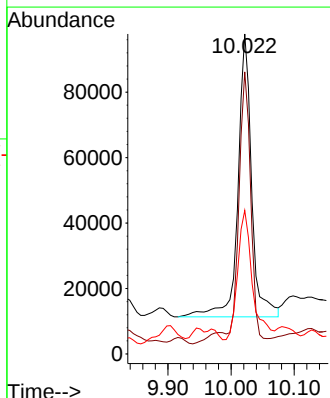
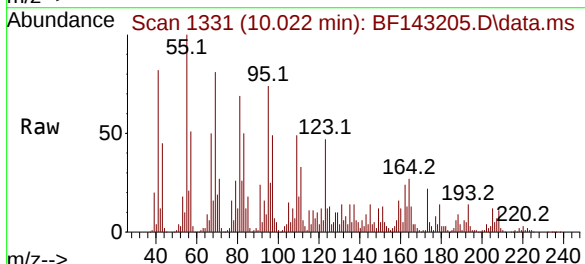
Instrument :
BNA_F
ClientSampleId :
MOO-25-0205

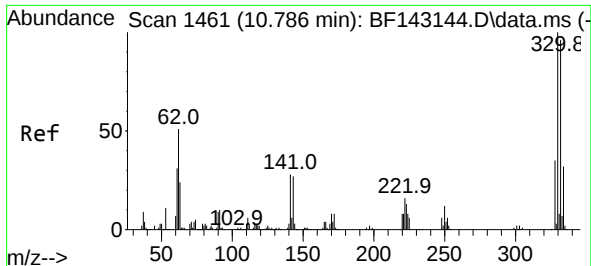
Tgt Ion:142 Resp: 21876
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.024 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

Tgt Ion:164 Resp: 130311
Ion Ratio Lower Upper
164 100
162 88.1 79.0 118.6
160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 52.179 ng

RT: 10.827 min Scan# 1468

Delta R.T. 0.041 min

Lab File: BF143205.D

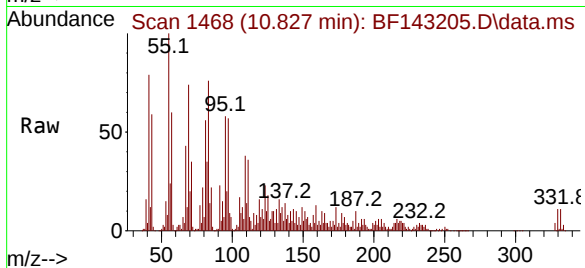
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Instrument :

BNA_F

ClientSampleId :

MOO-25-0205



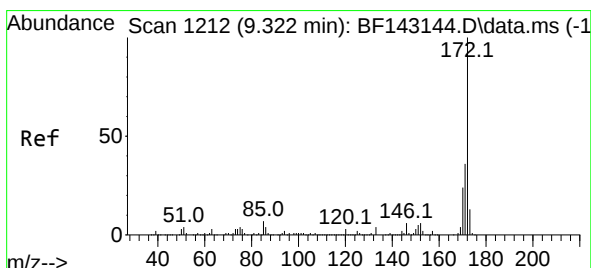
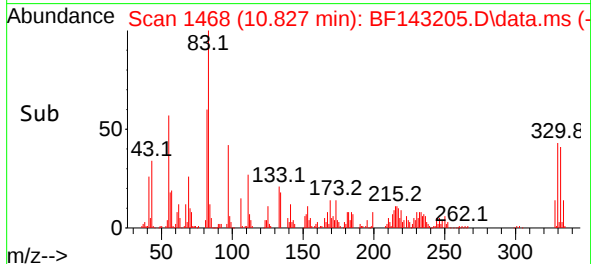
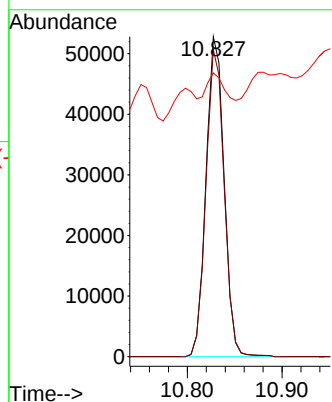
Tgt Ion:330 Resp: 70242

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 7.0 23.3 34.9#



#45

2-Fluorobiphenyl

Concen: 47.862 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF143205.D

Acq: 22 Jul 2025 23:15

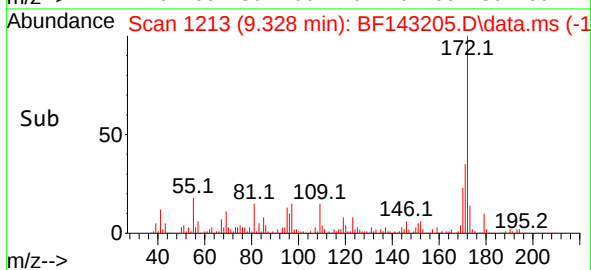
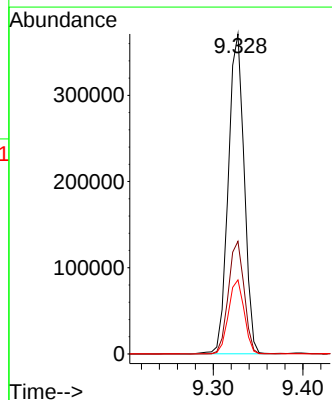
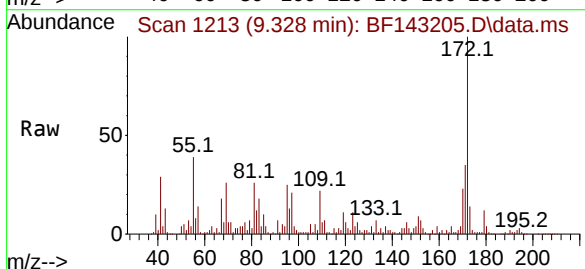
Tgt Ion:172 Resp: 456040

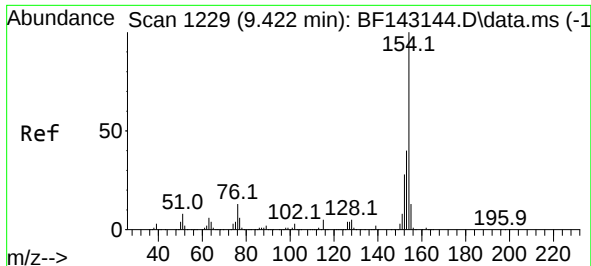
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.2 18.8 28.2

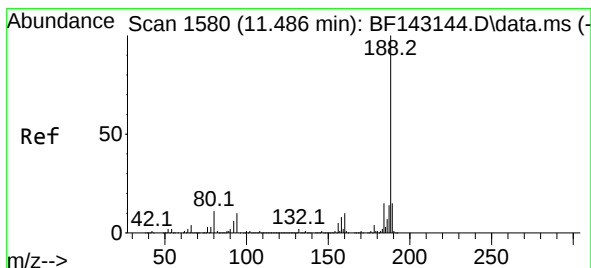
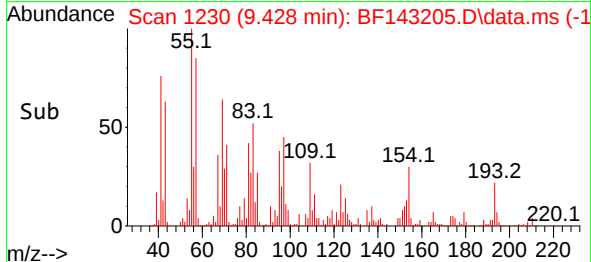
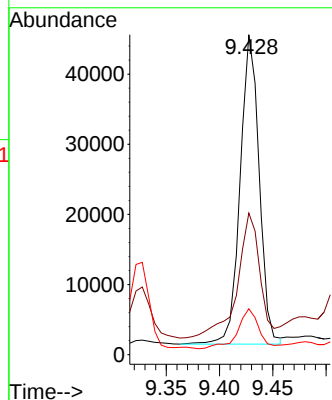
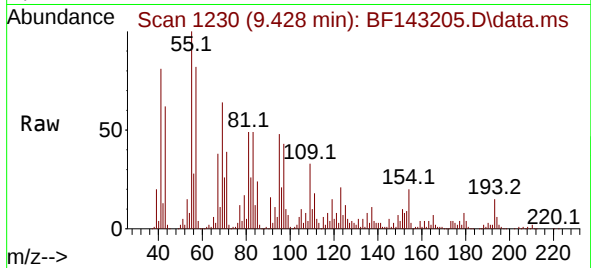




#46
1,1'-Biphenyl
Concen: 5.413 ng
RT: 9.428 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

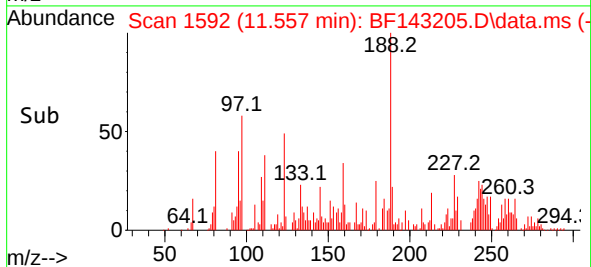
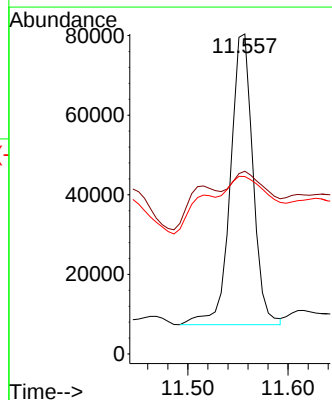
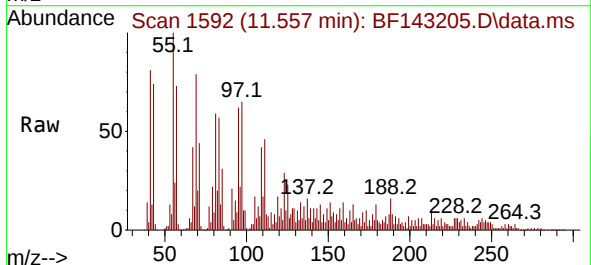
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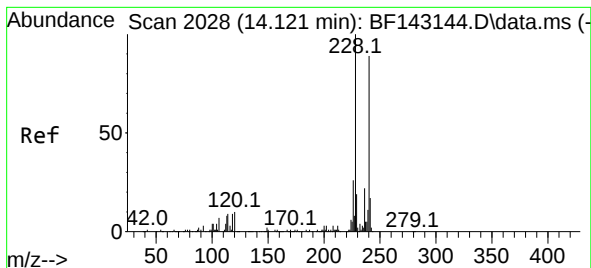
Tgt Ion:154 Resp: 55030
Ion Ratio Lower Upper
154 100
153 44.3 20.3 60.3
76 14.4 0.0 33.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.557 min Scan# 1592
Delta R.T. 0.071 min
Lab File: BF143205.D
Acq: 22 Jul 2025 23:15

Tgt Ion:188 Resp: 114398
Ion Ratio Lower Upper
188 100
94 57.1 8.3 12.5#
80 55.5 9.0 13.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.180 min Scan# 20

Delta R.T. 0.059 min

Lab File: BF143205.D

Acq: 22 Jul 2025 23:15

Instrument :

BNA_F

ClientSampleId :

MOO-25-0205

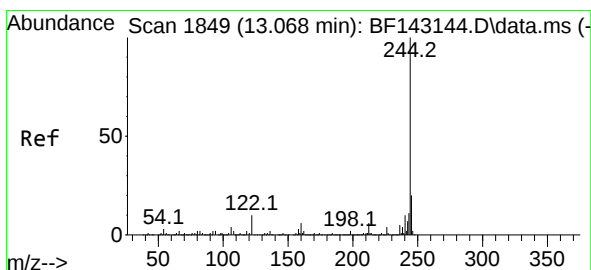
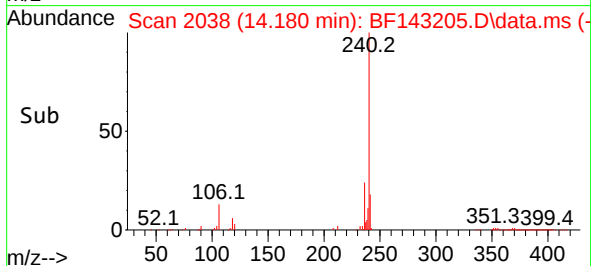
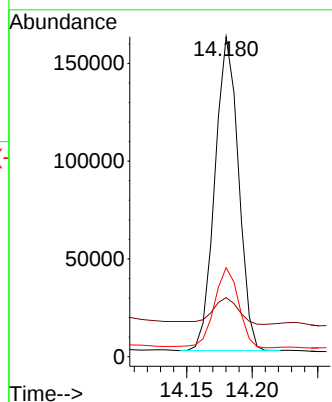
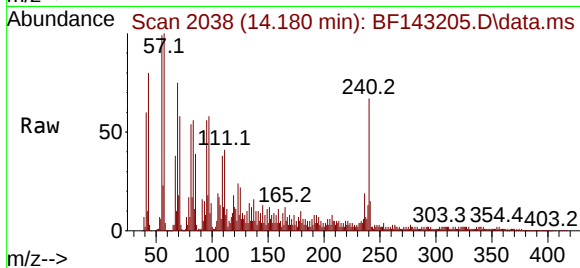
Tgt Ion:240 Resp: 200344

Ion Ratio Lower Upper

240 100

120 18.5 9.4 14.2#

236 27.8 20.2 30.4



#79

Terphenyl-d14

Concen: 22.926 ng

RT: 13.145 min Scan# 1862

Delta R.T. 0.076 min

Lab File: BF143205.D

Acq: 22 Jul 2025 23:15

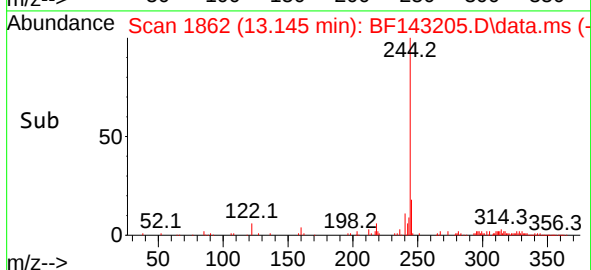
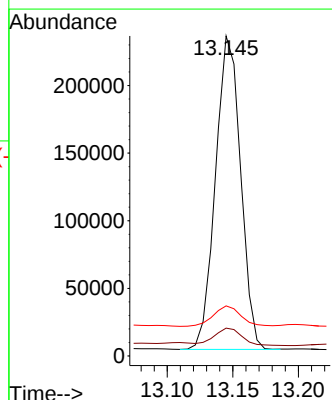
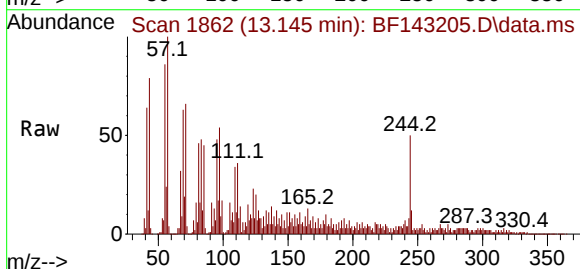
Tgt Ion:244 Resp: 308651

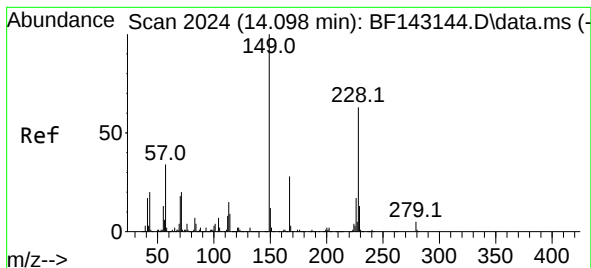
Ion Ratio Lower Upper

244 100

212 8.7 5.2 7.8#

122 15.6 8.2 12.2#

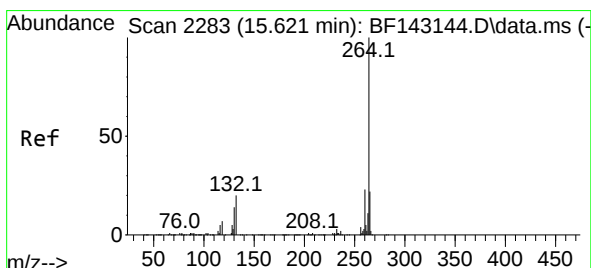
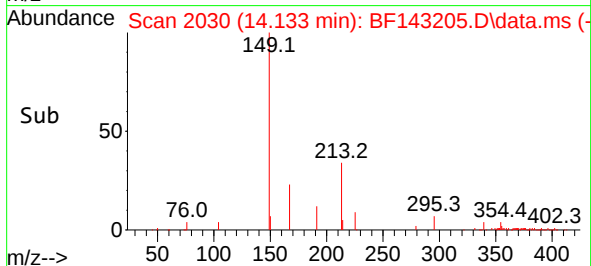
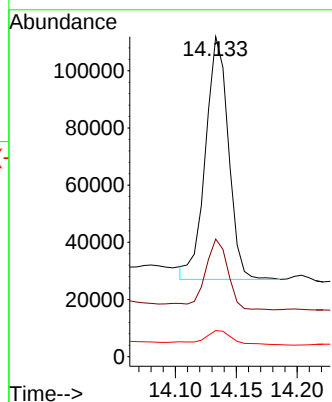
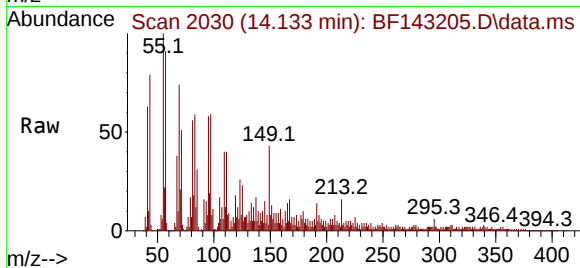




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.012 ng
 RT: 14.133 min Scan# 2024
 Delta R.T. 0.035 min
 Lab File: BF143205.D
 Acq: 22 Jul 2025 23:15

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0205

Tgt Ion:149 Resp: 111043
 Ion Ratio Lower Upper
 149 100
 167 36.7 22.3 33.5#
 279 8.1 3.6 5.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2290
 Delta R.T. 0.041 min
 Lab File: BF143205.D
 Acq: 22 Jul 2025 23:15

Tgt Ion:264 Resp: 133226
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.6 17.4 26.2

