

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
 Data File : BF143369.D
 Acq On : 13 Aug 2025 12:12
 Operator : RC/JU
 Sample : Q2808-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 13 12:33:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

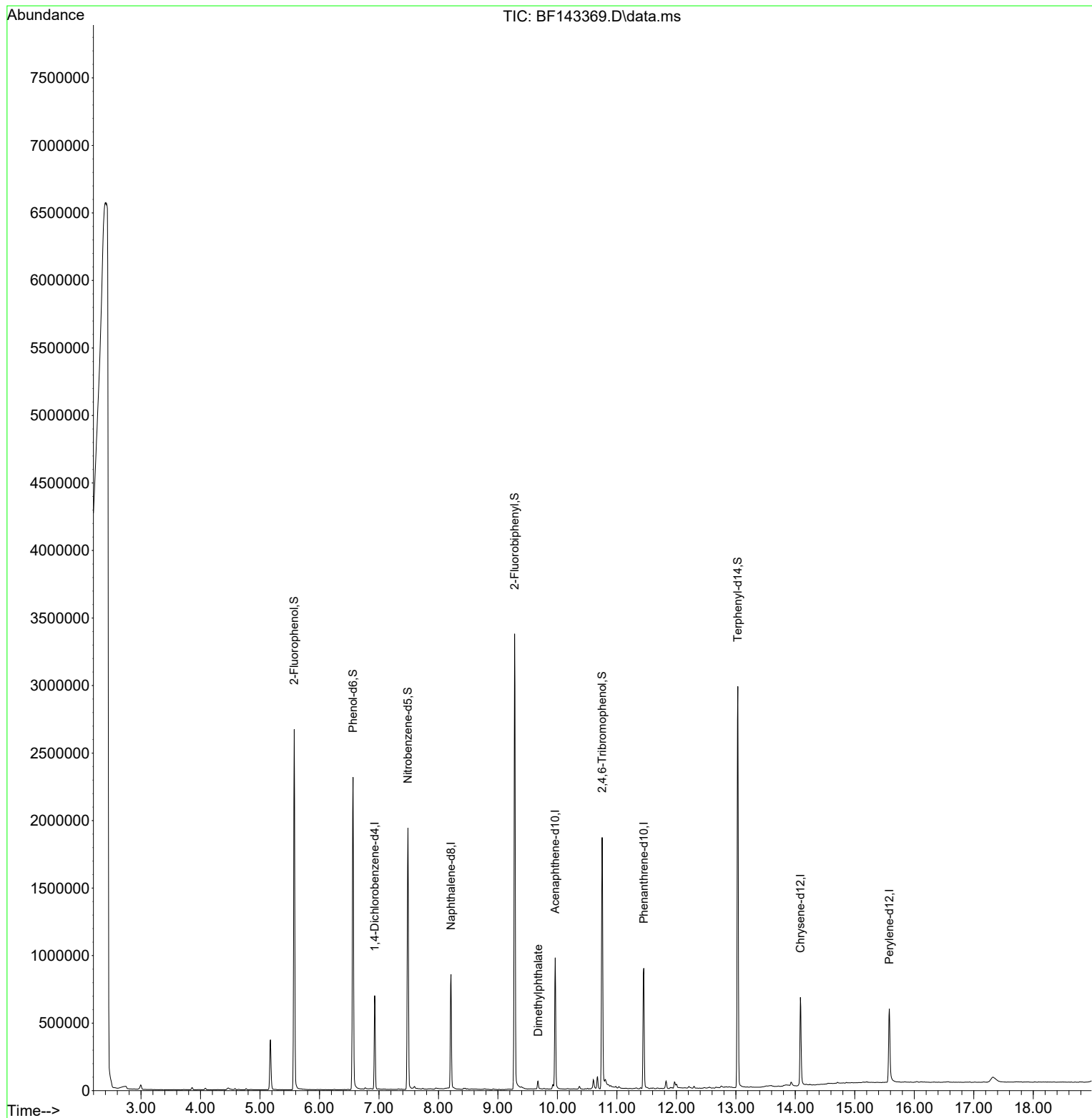
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	142097	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	543355	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	289159	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	456561	20.000	ng	0.00
76) Chrysene-d12	14.086	240	346007	20.000	ng	0.00
86) Perylene-d12	15.580	264	370381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	966632	117.635	ng	0.01
7) Phenol-d6	6.563	99	1097802	104.180	ng	0.00
23) Nitrobenzene-d5	7.487	82	851467	97.586	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	348649	164.983	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1566070	91.841	ng	0.00
79) Terphenyl-d14	13.033	244	1485742	76.662	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.675	163	35757	2.116	ng	Qvalue 99

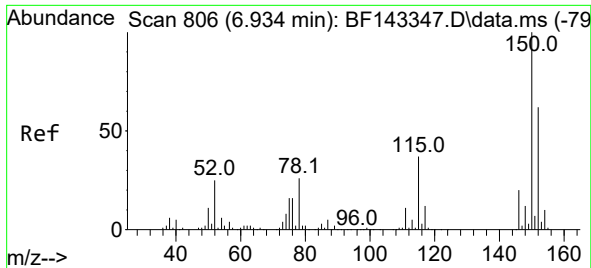
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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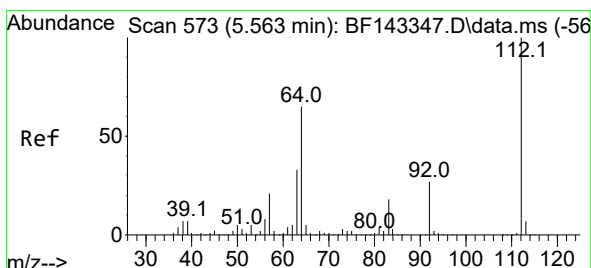
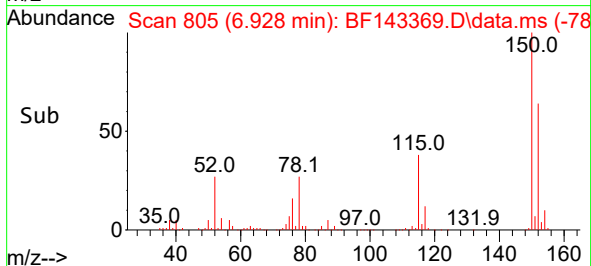
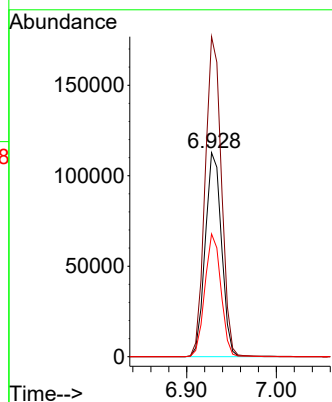
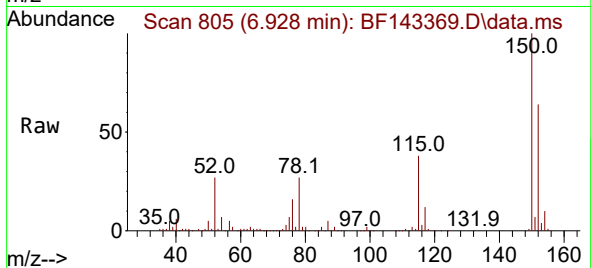




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

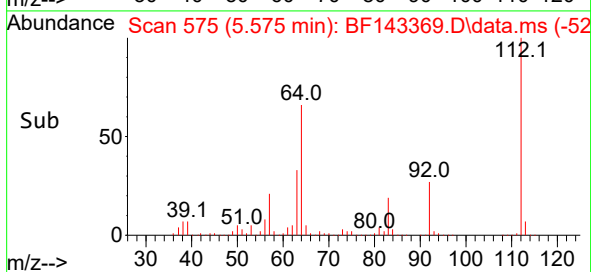
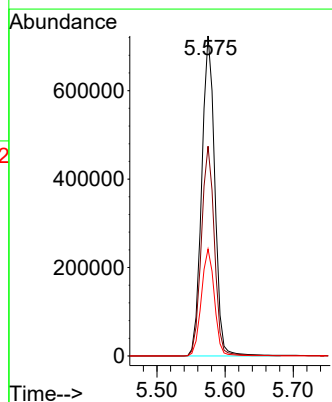
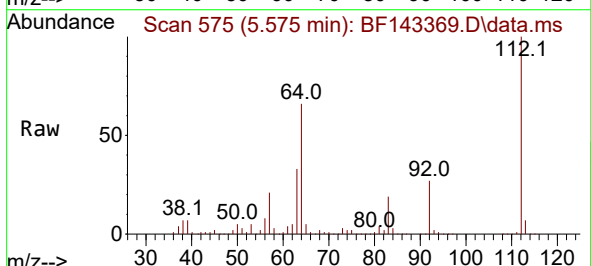
Instrument :
BNA_F
ClientSampleId :
TP-7

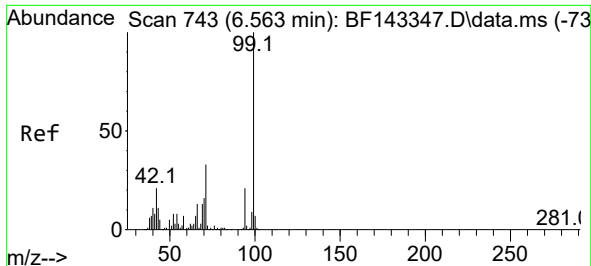
Tgt Ion:152 Resp: 142097
Ion Ratio Lower Upper
152 100
150 156.9 129.8 194.8
115 60.2 47.8 71.8



#5
2-Fluorophenol
Concen: 117.635 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

Tgt Ion:112 Resp: 966632
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 33.4 26.6 39.8





#7
Phenol-d6
Concen: 104.180 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

Instrument :

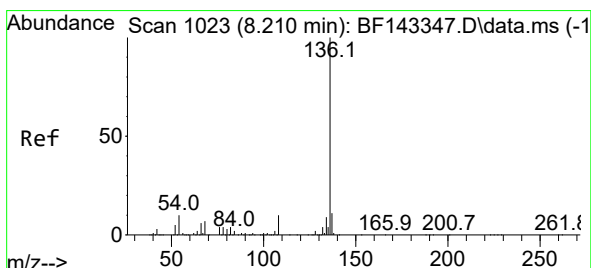
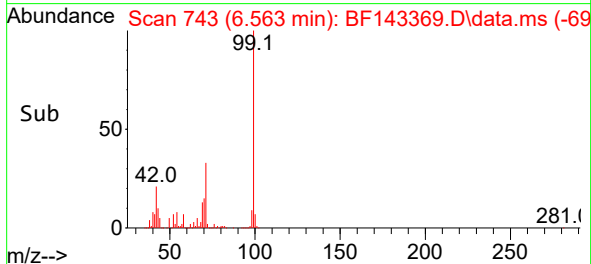
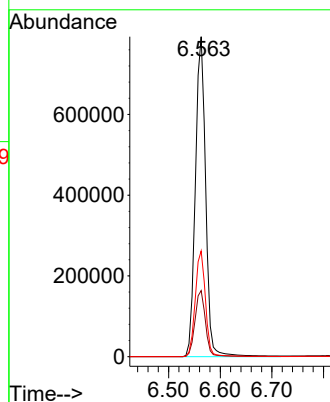
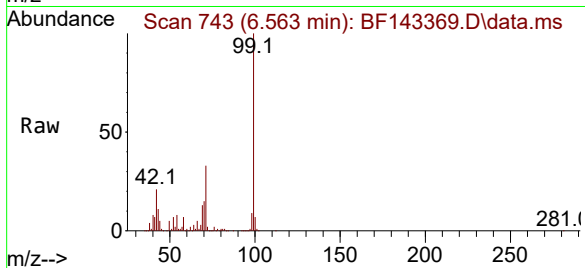
BNA_F

ClientSampleId :

TP-7

Tgt Ion: 99 Resp: 1097802

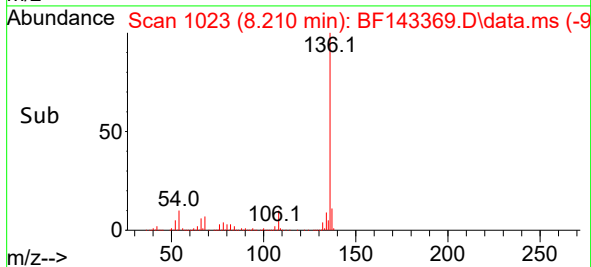
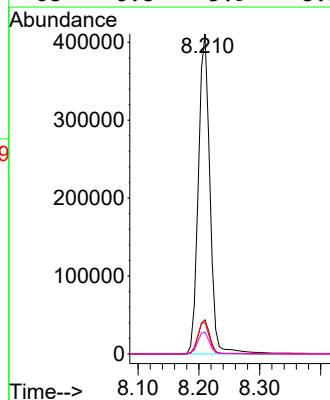
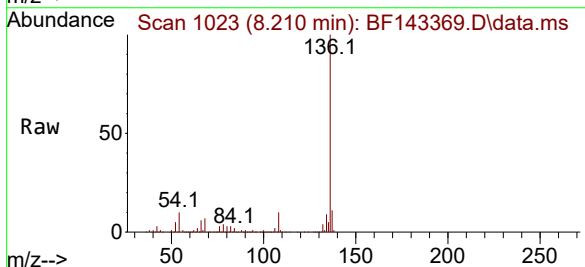
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	25.0
71	33.0	26.2	39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

Tgt Ion: 136 Resp: 543355

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	8.4	12.6
68	6.8	5.9	8.9





#23

Nitrobenzene-d5

Concen: 97.586 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143369.D

Acq: 13 Aug 2025 12:12

Instrument :

BNA_F

ClientSampleId :

TP-7

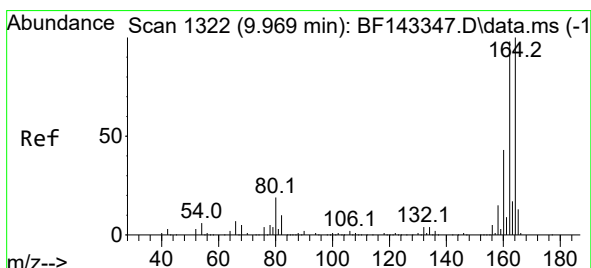
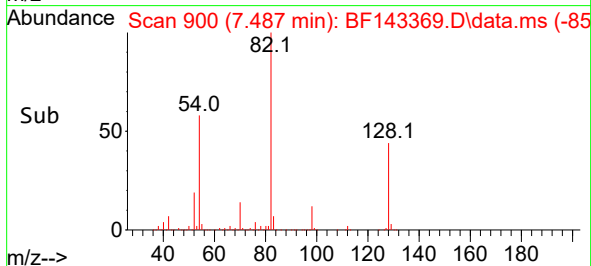
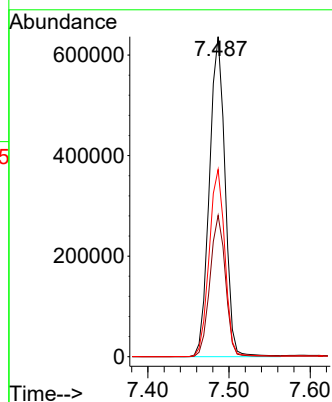
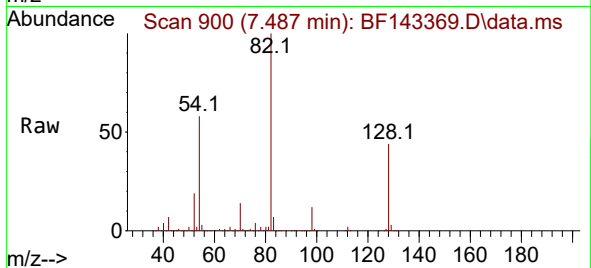
Tgt Ion: 82 Resp: 851467

Ion Ratio Lower Upper

82 100

128 44.1 33.5 50.3

54 58.5 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143369.D

Acq: 13 Aug 2025 12:12

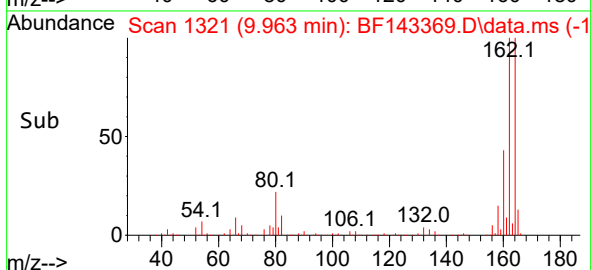
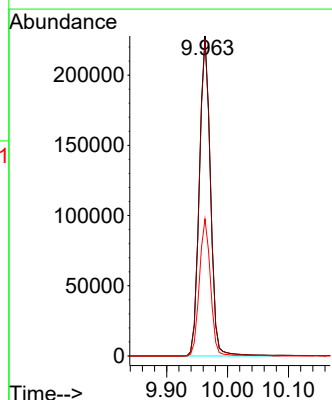
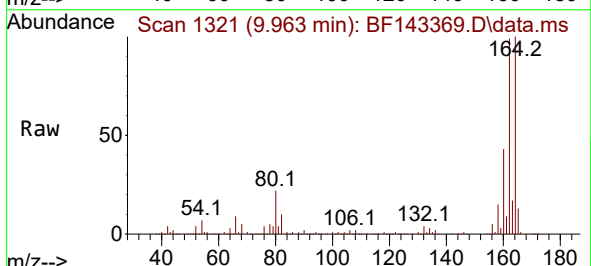
Tgt Ion:164 Resp: 289159

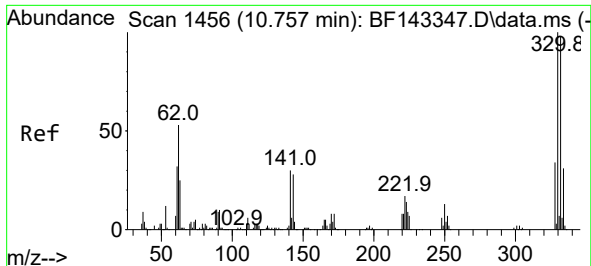
Ion Ratio Lower Upper

164 100

162 98.9 78.6 118.0

160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 164.983 ng

RT: 10.751 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF143369.D

Acq: 13 Aug 2025 12:12

Instrument :

BNA_F

ClientSampleId :

TP-7

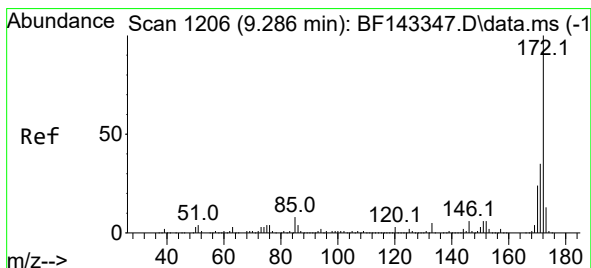
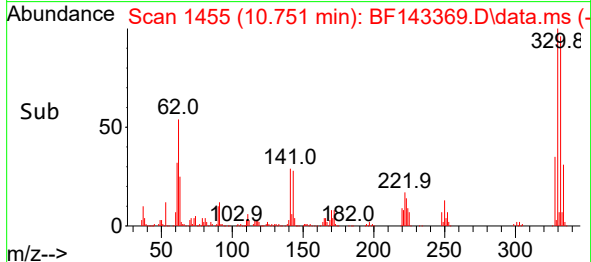
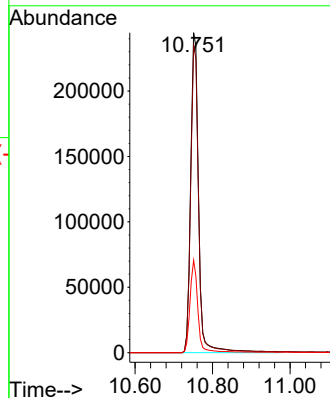
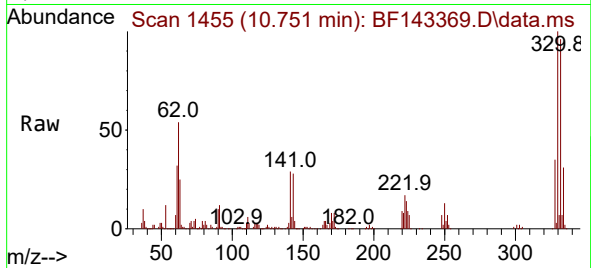
Tgt Ion:330 Resp: 348649

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 29.0 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 91.841 ng

RT: 9.281 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF143369.D

Acq: 13 Aug 2025 12:12

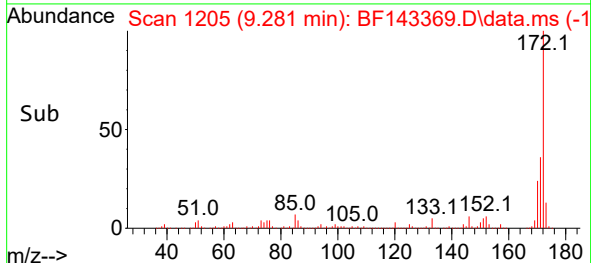
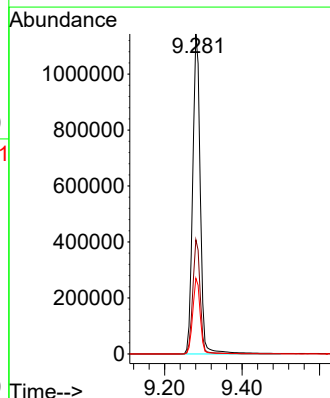
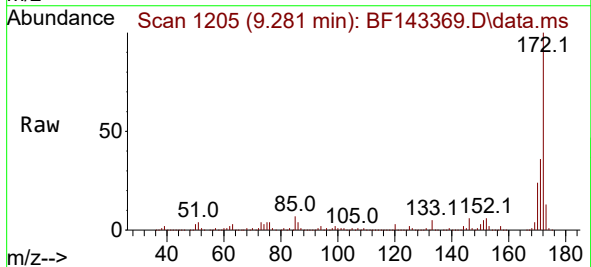
Tgt Ion:172 Resp: 1566070

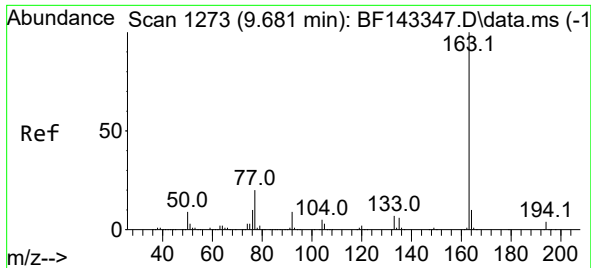
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.1 28.7

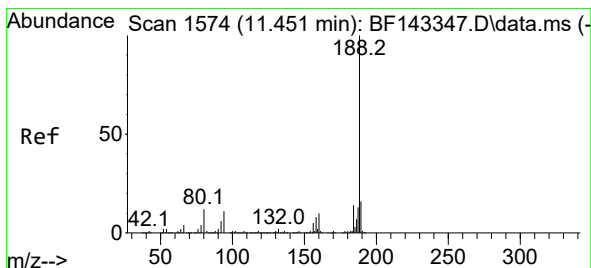
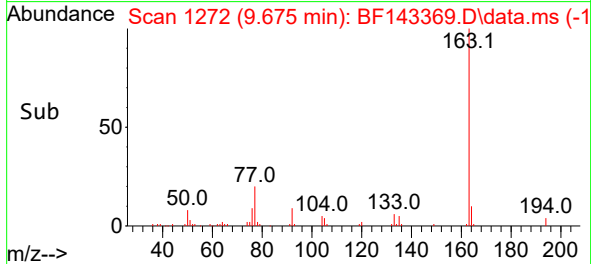
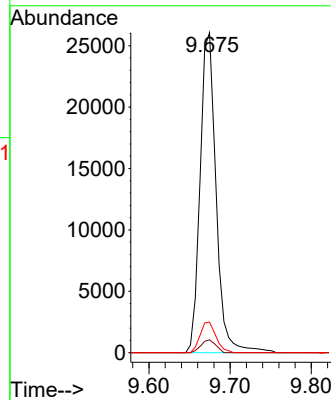
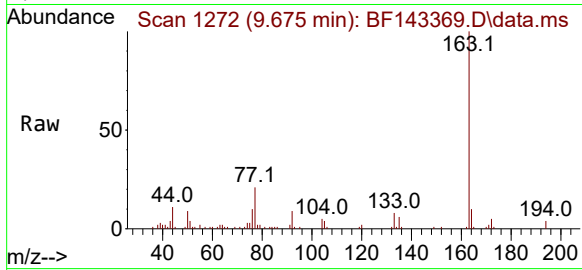




#50
Dimethylphthalate
Concen: 2.116 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

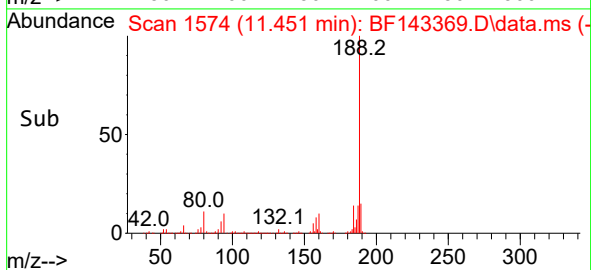
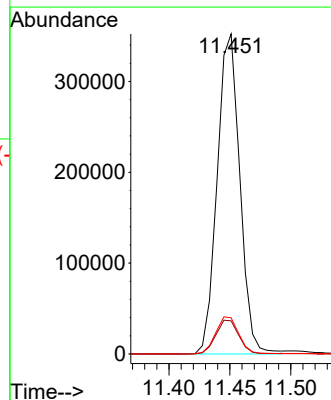
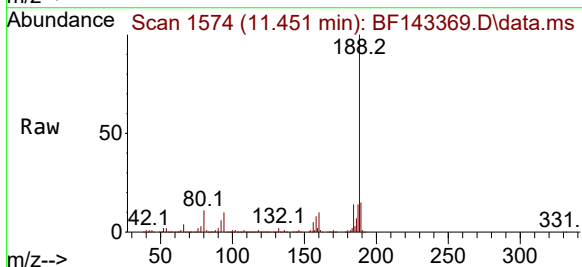
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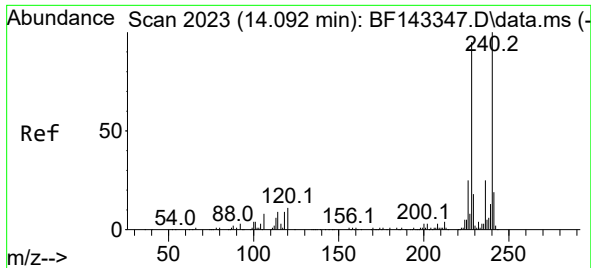
Tgt Ion:163 Resp: 35757
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.5 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

Tgt Ion:188 Resp: 456561
Ion Ratio Lower Upper
188 100
94 10.4 8.8 13.2
80 11.3 9.7 14.5

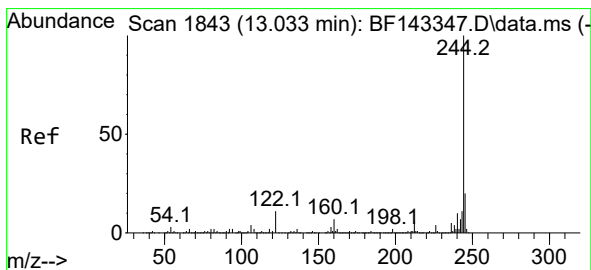
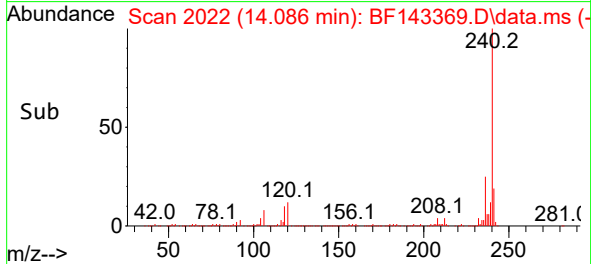
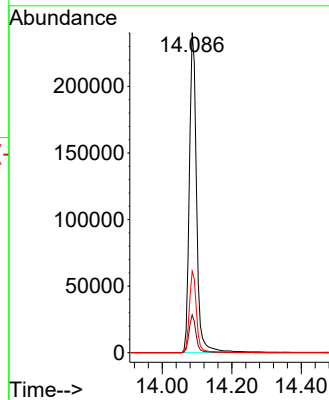
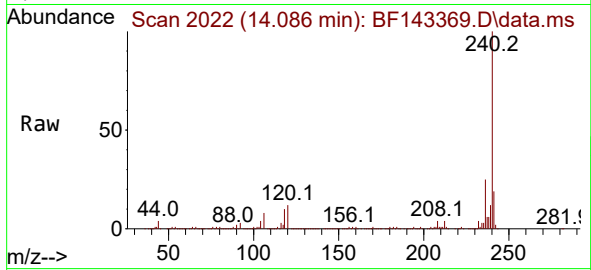




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

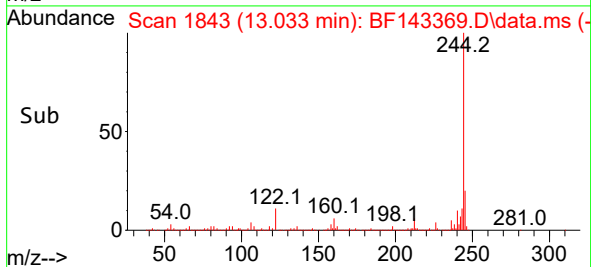
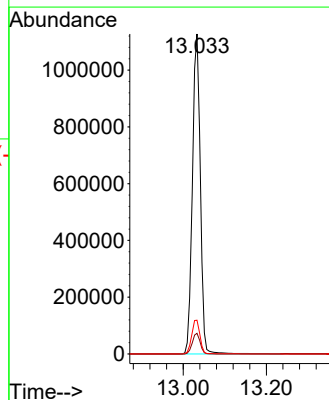
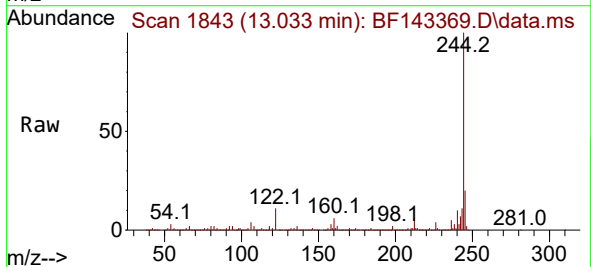
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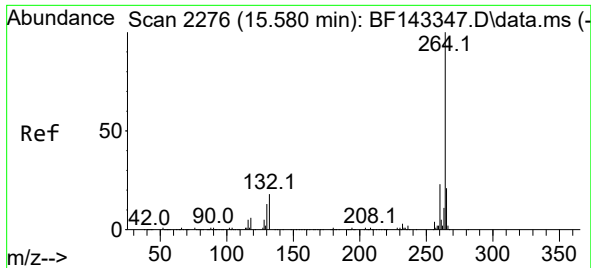
Tgt Ion:240 Resp: 346007
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 25.4 19.9 29.9



#79
Terphenyl-d14
Concen: 76.662 ng
RT: 13.033 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

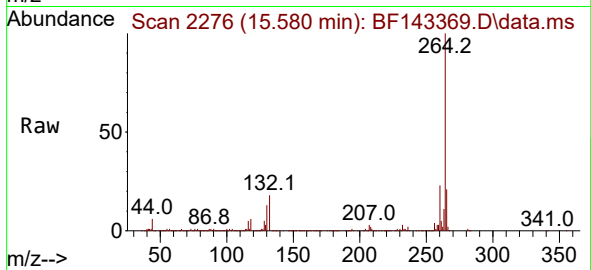
Tgt Ion:244 Resp: 1485742
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 10.6 8.9 13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143369.D
Acq: 13 Aug 2025 12:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 370381
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 20.9 17.2 25.8

