

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
 Data File : BF143425.D
 Acq On : 15 Aug 2025 19:27
 Operator : RC/JU
 Sample : PB169229BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BL

Quant Time: Aug 18 01:18:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 15 18:57:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	140592	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	542143	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	302308	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	514842	20.000	ng	0.00
76) Chrysene-d12	14.086	240	291765	20.000	ng	0.00
86) Perylene-d12	15.574	264	244764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	998131	123.412	ng	0.01
7) Phenol-d6	6.557	99	1238977	121.558	ng	0.00
23) Nitrobenzene-d5	7.486	82	825324	90.334	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	370420	137.663	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1524485	84.820	ng	0.00
79) Terphenyl-d14	13.027	244	1604586	92.385	ng	0.00

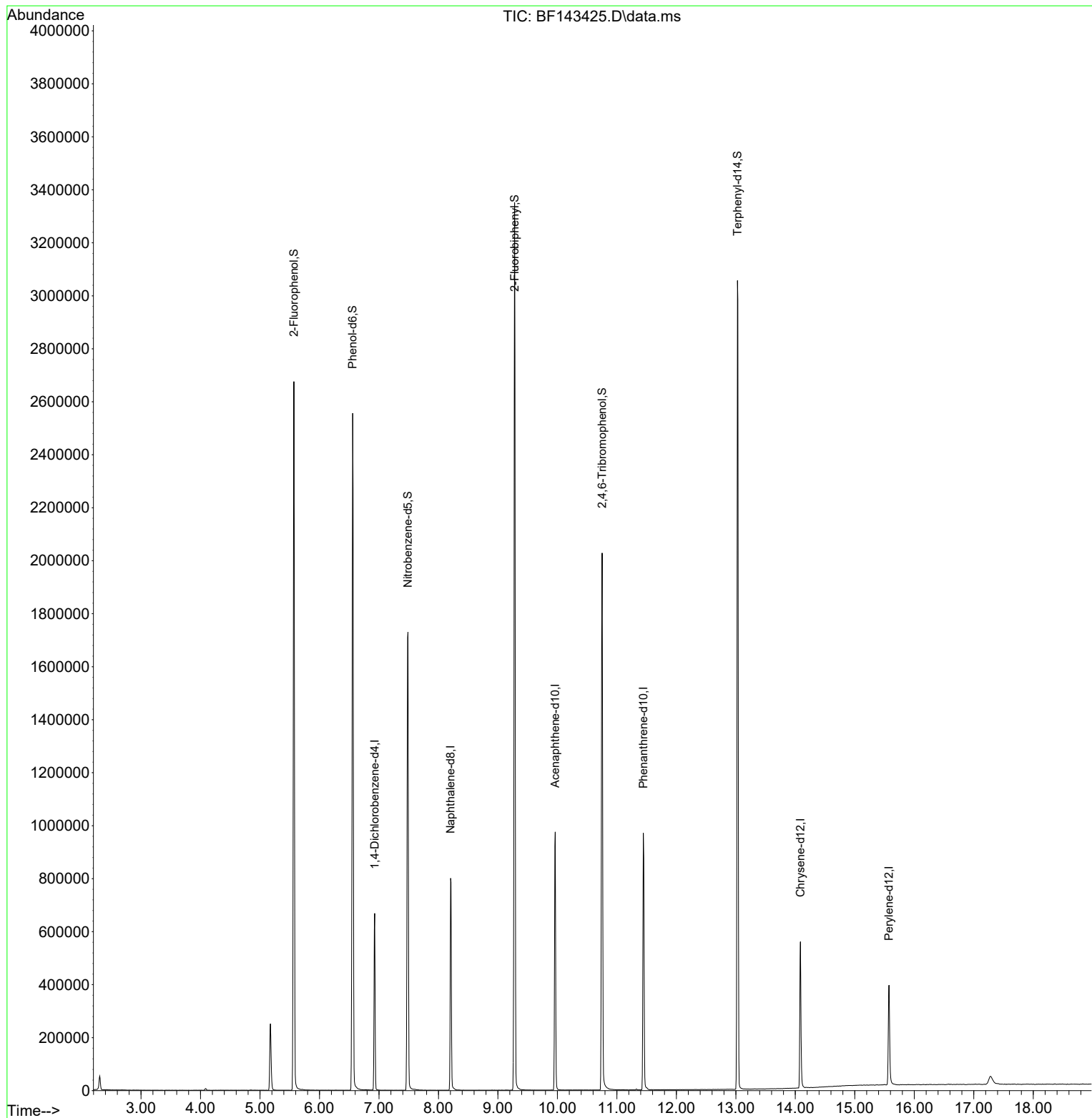
Target Compounds	Qvalue

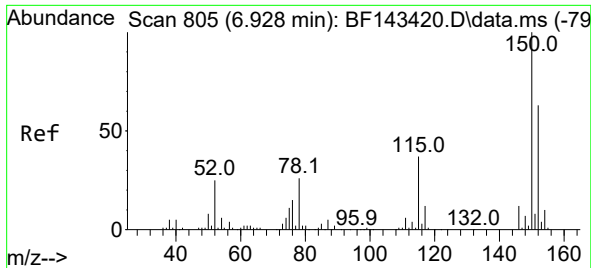
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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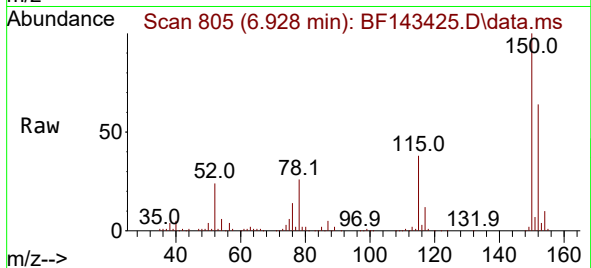
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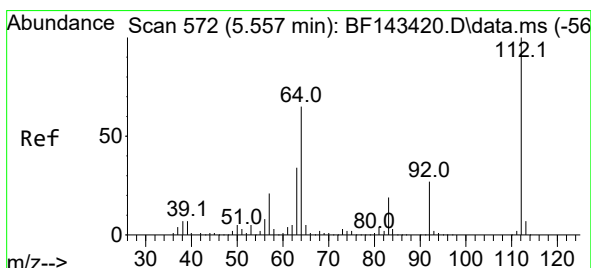
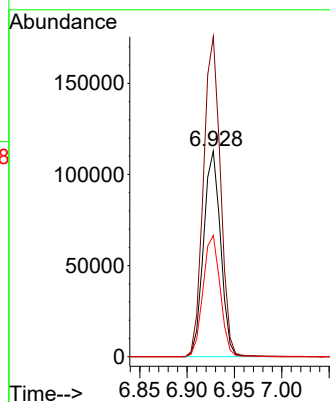
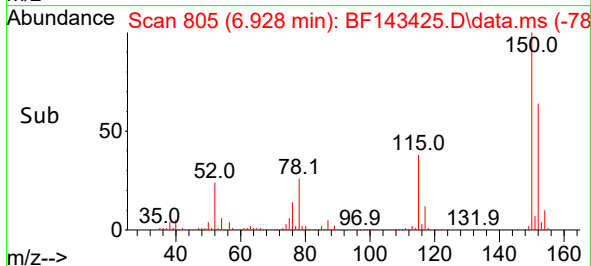


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

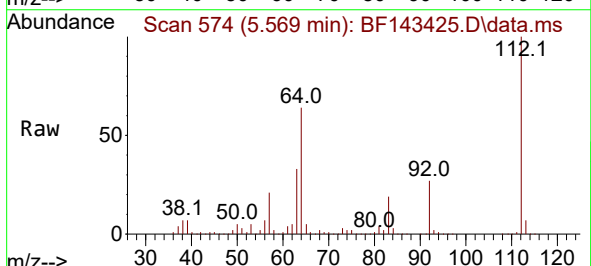
Instrument :
BNA_F
ClientSampleId :
PB169229BL



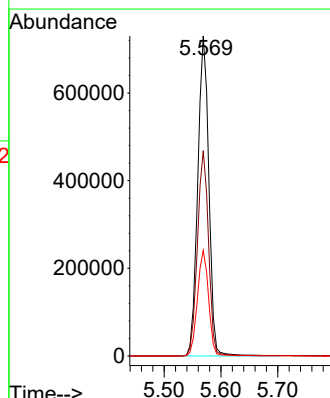
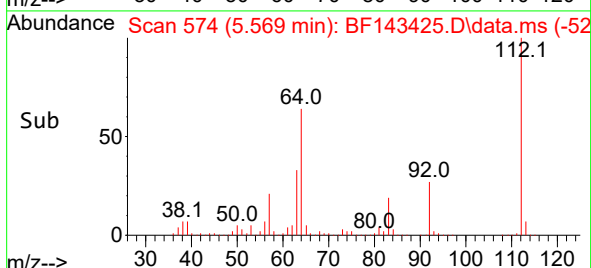
Tgt Ion:152 Resp: 140592
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.2
115 59.0 47.5 71.3

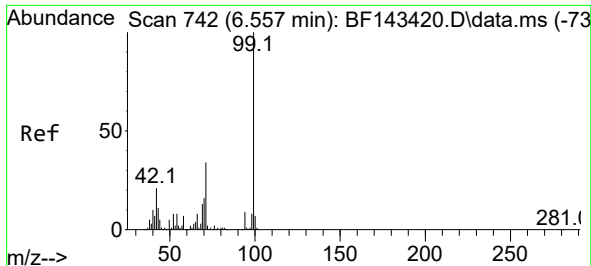


#5
2-Fluorophenol
Concen: 123.412 ng
RT: 5.569 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27



Tgt Ion:112 Resp: 998131
Ion Ratio Lower Upper
112 100
64 64.2 52.2 78.2
63 33.0 27.0 40.6



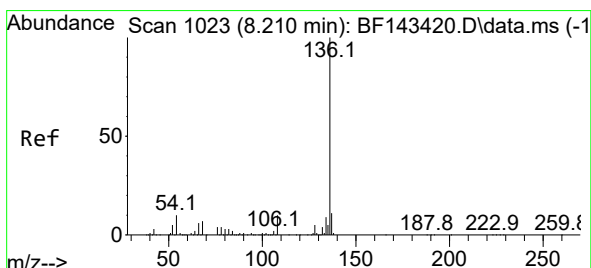
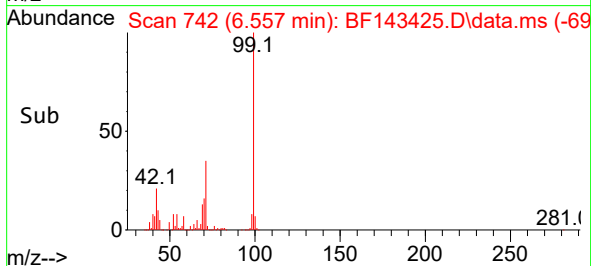
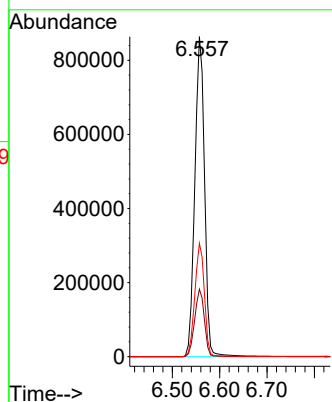
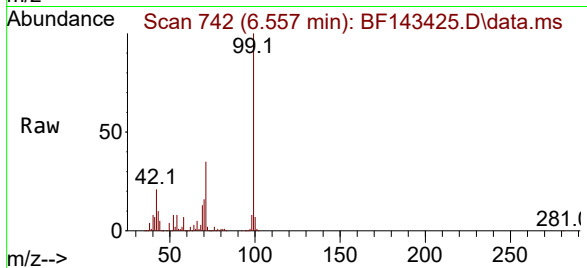


#7
Phenol-d6
Concen: 121.558 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Instrument :
BNA_F
ClientSampleId :
PB169229BL

Tgt Ion: 99 Resp: 1238977

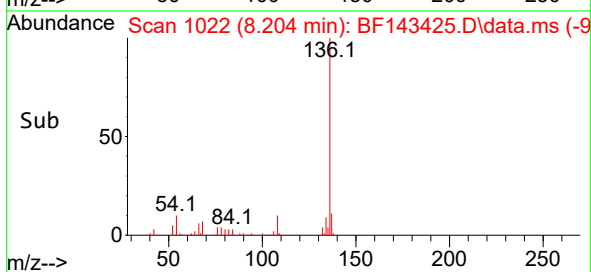
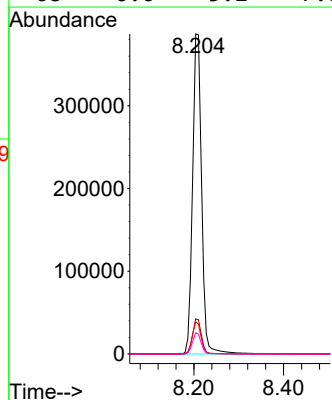
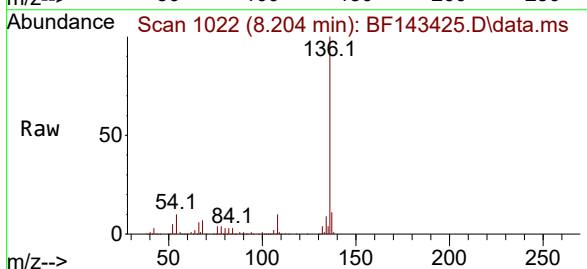
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.0	25.6
71	35.5	27.4	41.2

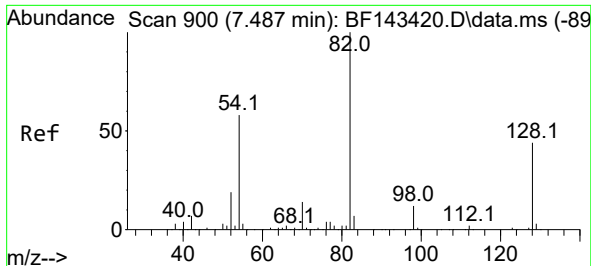


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Tgt Ion: 136 Resp: 542143

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.1	7.8	11.8
68	6.6	5.2	7.8





#23

Nitrobenzene-d5

Concen: 90.334 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143425.D

Acq: 15 Aug 2025 19:27

Instrument :

BNA_F

ClientSampleId :

PB169229BL

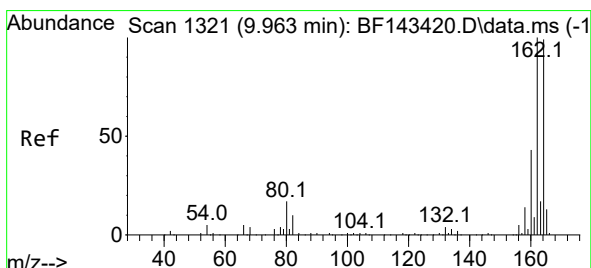
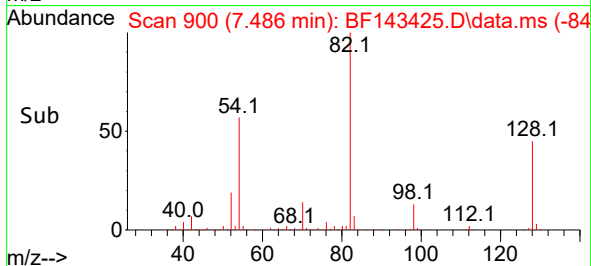
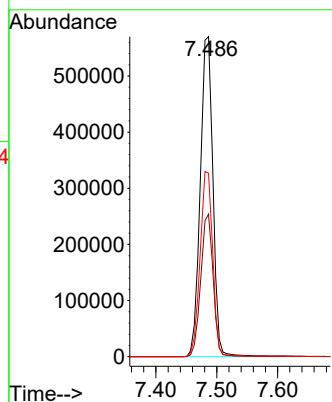
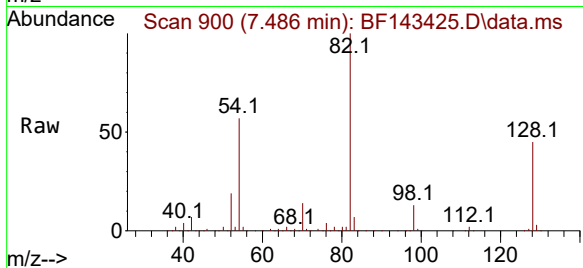
Tgt Ion: 82 Resp: 825324

Ion Ratio Lower Upper

82 100

128 44.5 34.6 52.0

54 57.4 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF143425.D

Acq: 15 Aug 2025 19:27

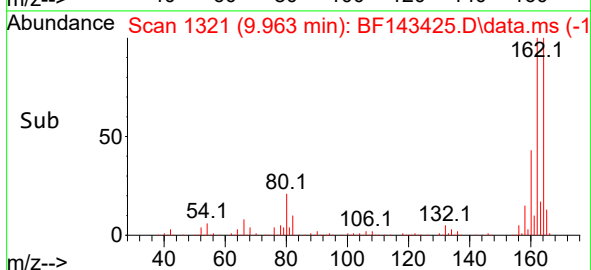
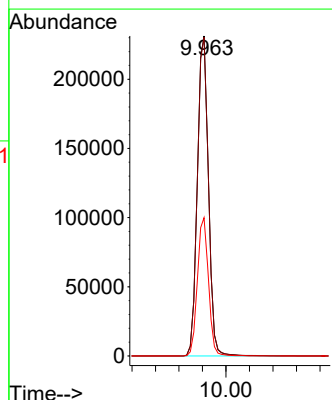
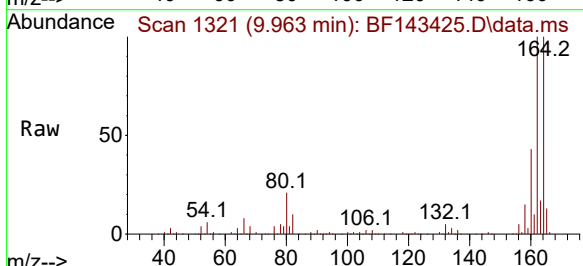
Tgt Ion:164 Resp: 302308

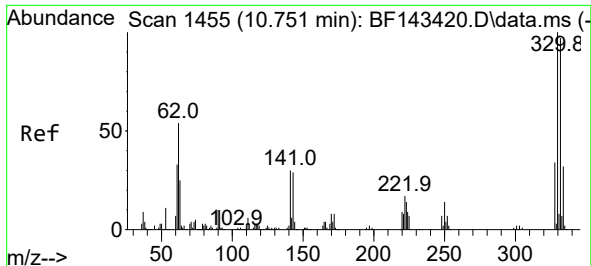
Ion Ratio Lower Upper

164 100

162 99.6 80.6 121.0

160 43.2 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 137.663 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.000 min

Lab File: BF143425.D

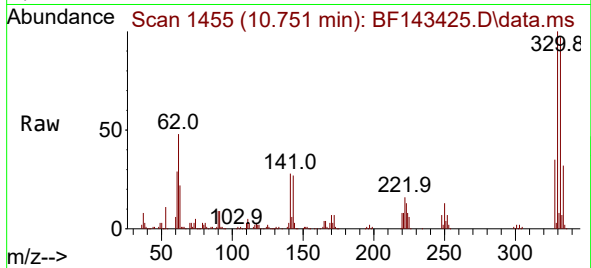
Acq: 15 Aug 2025 19:27

Instrument :

BNA_F

ClientSampleId :

PB169229BL



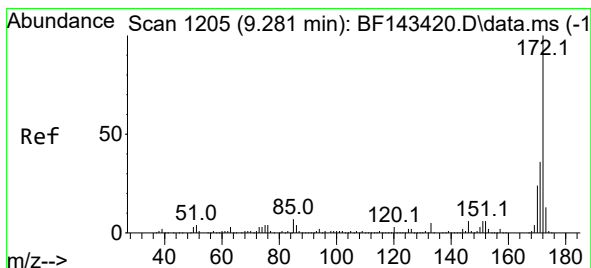
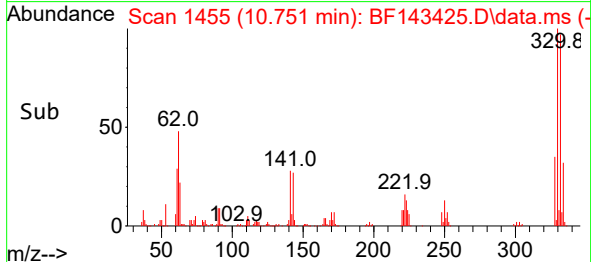
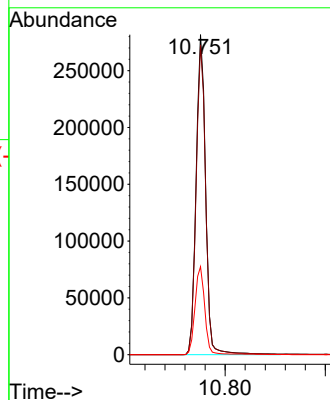
Tgt Ion:330 Resp: 370420

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 28.6 24.1 36.1



#45

2-Fluorobiphenyl

Concen: 84.820 ng

RT: 9.280 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF143425.D

Acq: 15 Aug 2025 19:27

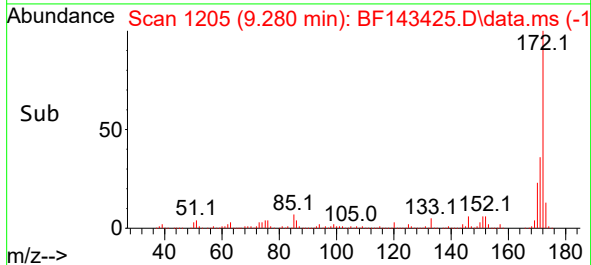
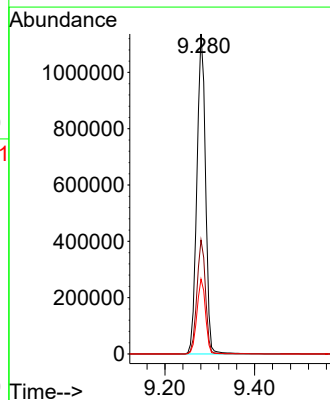
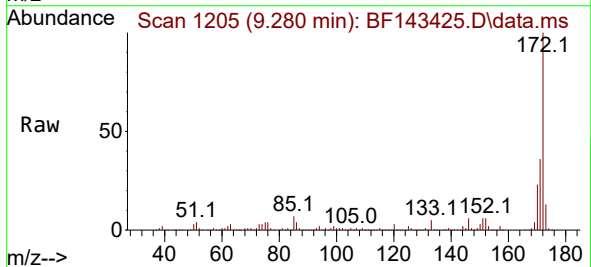
Tgt Ion:172 Resp: 1524485

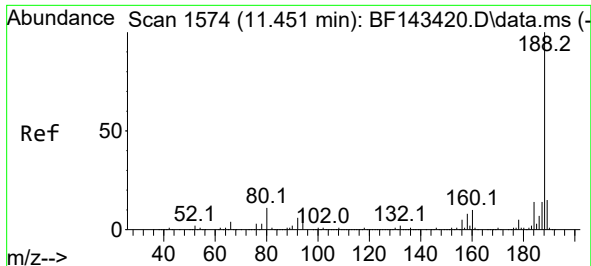
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.4 19.0 28.6

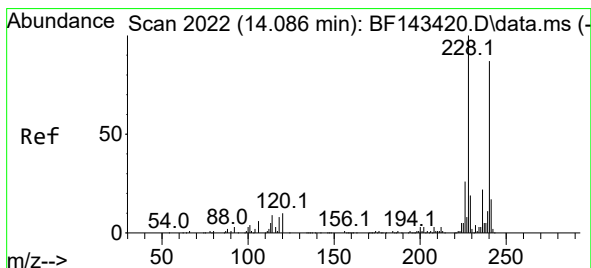
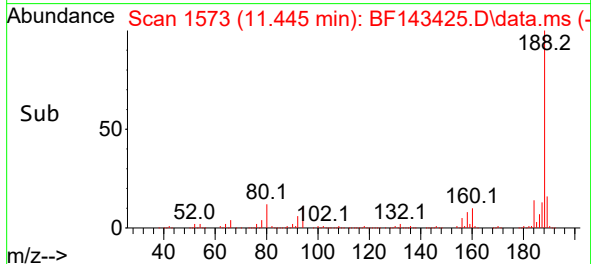
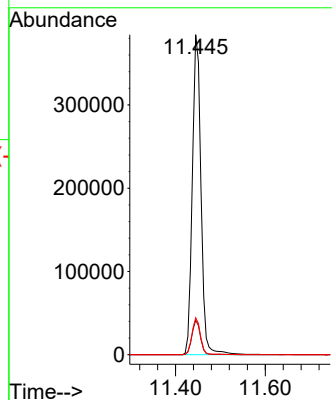
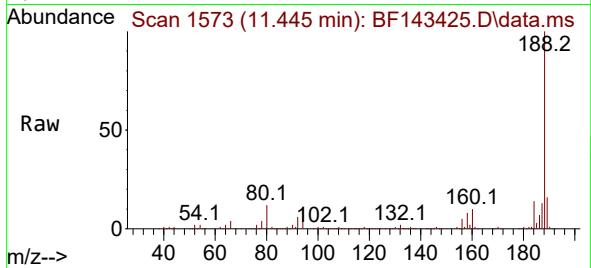




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

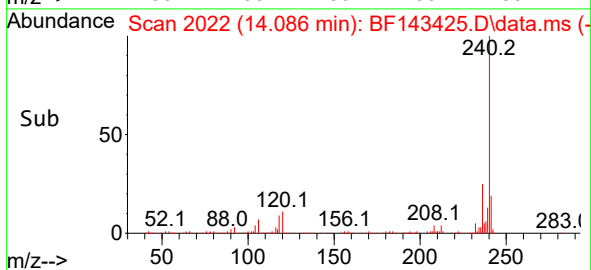
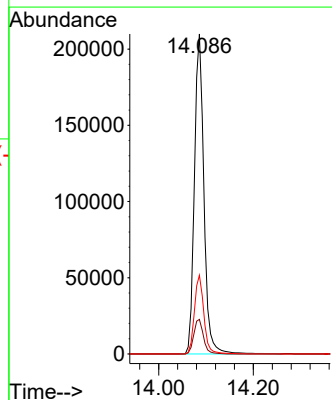
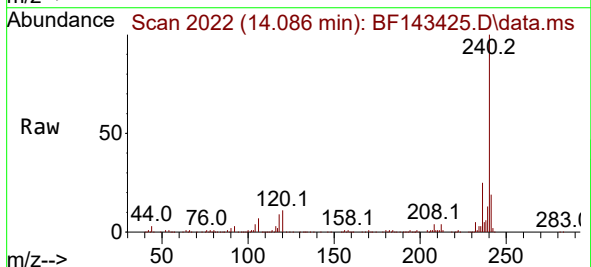
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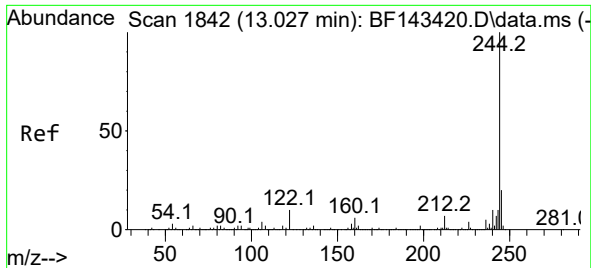
Tgt Ion:188 Resp: 514842
Ion Ratio Lower Upper
188 100
94 10.8 8.0 12.0
80 11.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF143425.D
Acq: 15 Aug 2025 19:27

Tgt Ion:240 Resp: 291765
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 24.6 20.2 30.2

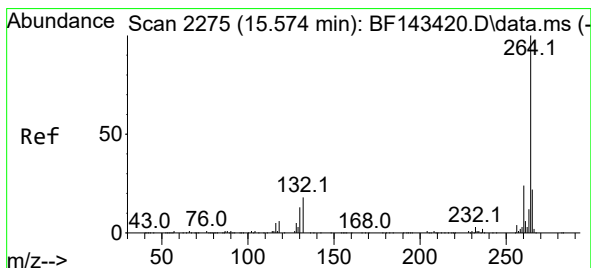
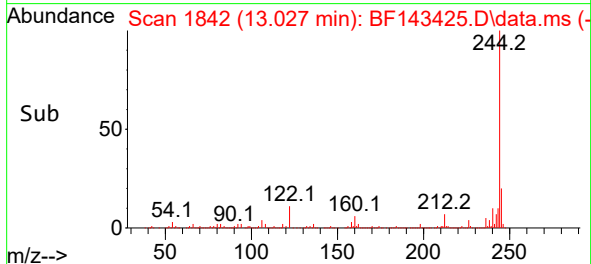
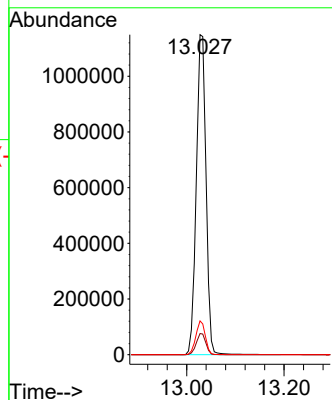
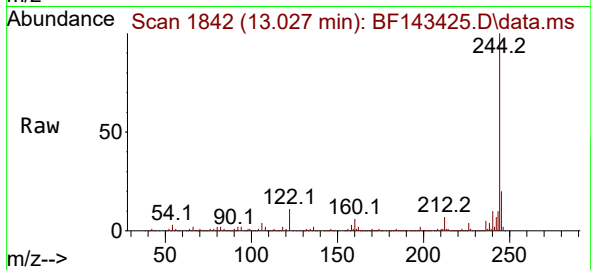




#79
 Terphenyl-d14
 Concen: 92.385 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143425.D
 Acq: 15 Aug 2025 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB169229BL

Tgt Ion:244 Resp: 1604586
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF143425.D
 Acq: 15 Aug 2025 19:27

Tgt Ion:264 Resp: 244764
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 21.7 17.4 26.0

