

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143486.D
 Acq On : 20 Aug 2025 15:46
 Operator : RC/JU
 Sample : PB169299BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169299BL

Quant Time: Aug 20 17:00:25 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	140389	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	530145	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	304345	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	499537	20.000	ng	0.00
76) Chrysene-d12	14.098	240	323655	20.000	ng	0.00
86) Perylene-d12	15.592	264	258420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1008063	125.383	ng	0.01
7) Phenol-d6	6.563	99	1266488	127.609	ng	-0.01
23) Nitrobenzene-d5	7.486	82	871554	95.935	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	376550	132.915	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1588488	86.259	ng	0.00
79) Terphenyl-d14	13.039	244	1701123	91.719	ng	0.00

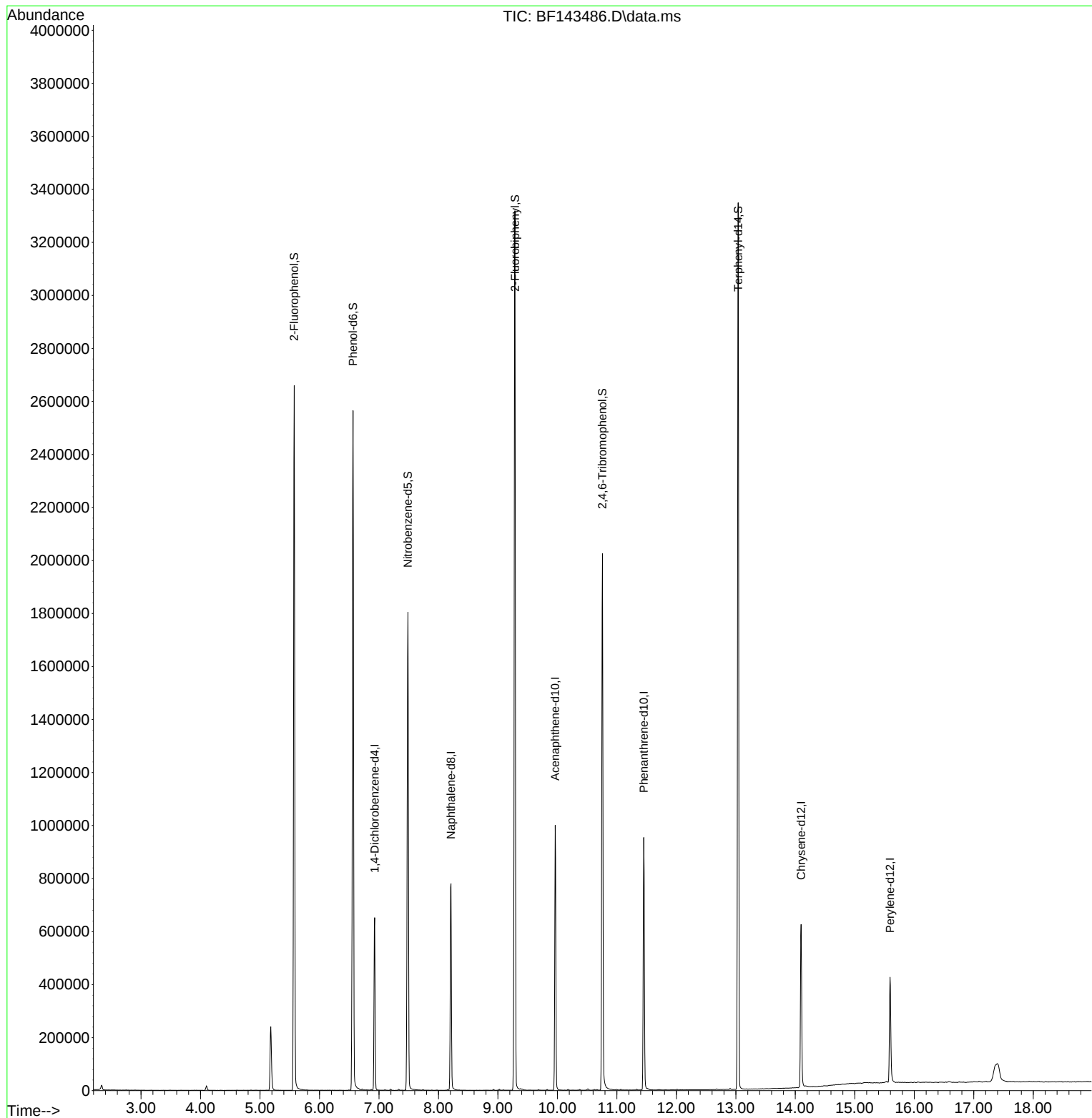
Target Compounds	Qvalue

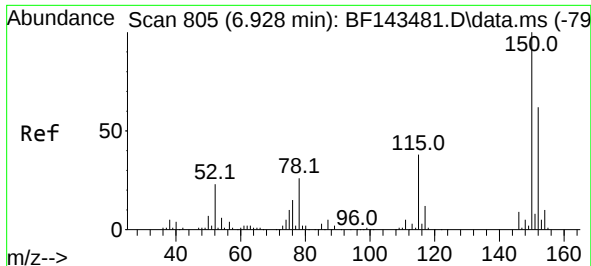
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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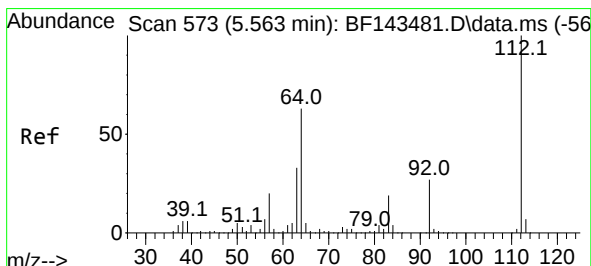
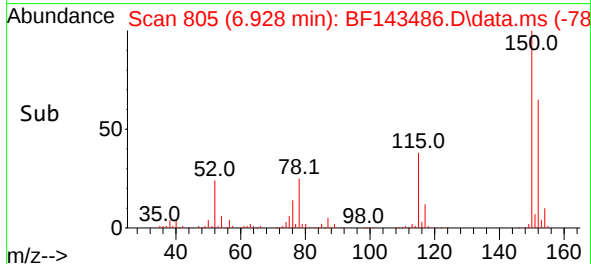
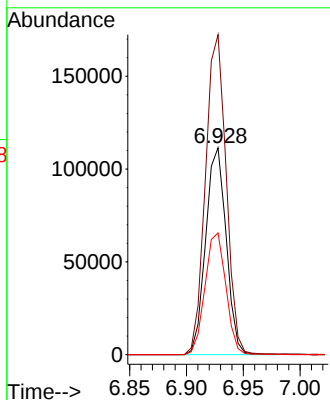
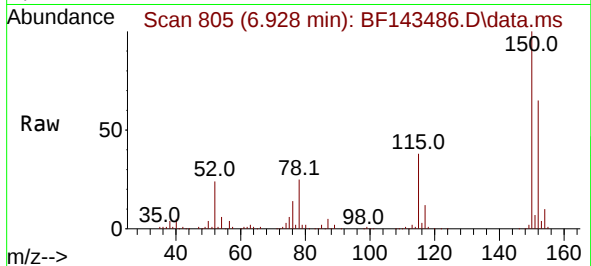




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143486.D
 Acq: 20 Aug 2025 15:46

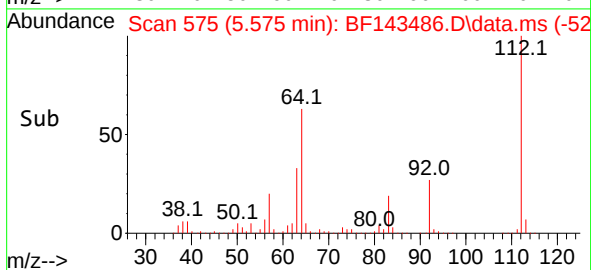
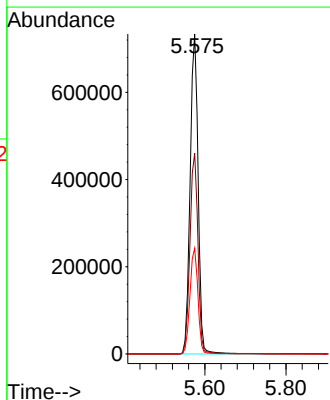
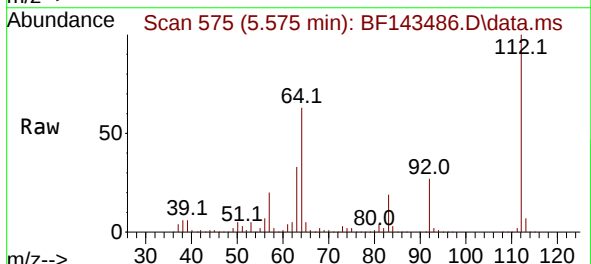
Instrument :
 BNA_F
 ClientSampleId :
 PB169299BL

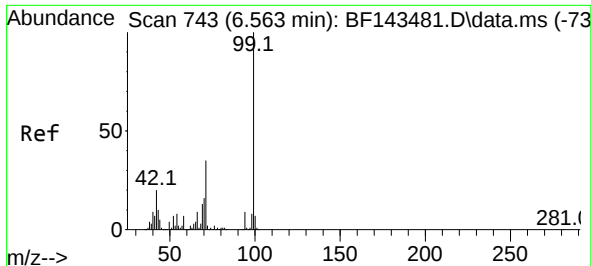
Tgt Ion:152 Resp: 140389
 Ion Ratio Lower Upper
 152 100
 150 154.6 128.9 193.3
 115 58.9 49.2 73.8



#5
 2-Fluorophenol
 Concen: 125.383 ng
 RT: 5.575 min Scan# 575
 Delta R.T. 0.012 min
 Lab File: BF143486.D
 Acq: 20 Aug 2025 15:46

Tgt Ion:112 Resp: 1008063
 Ion Ratio Lower Upper
 112 100
 64 62.7 50.4 75.6
 63 33.0 26.4 39.6



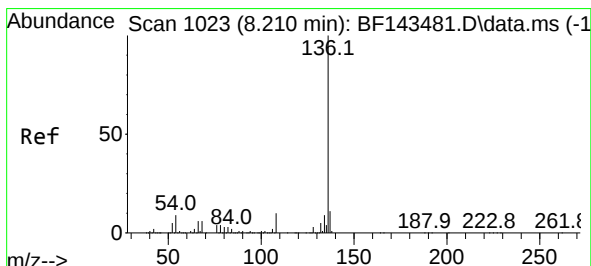
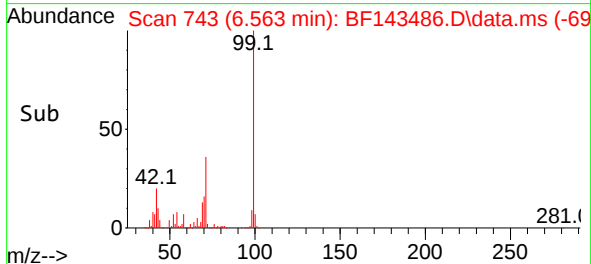
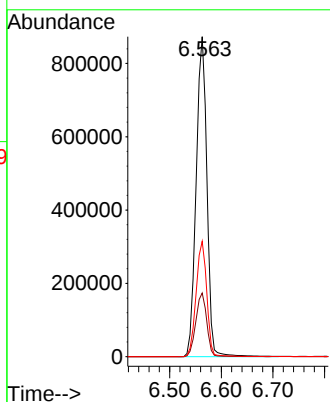
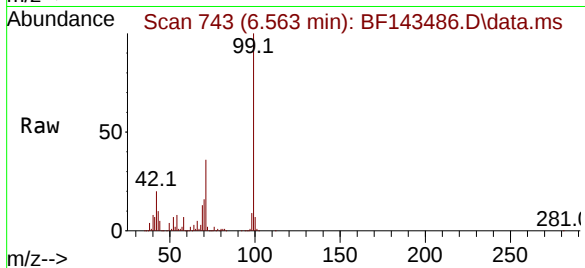


#7
Phenol-d6
Concen: 127.609 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF143486.D
Acq: 20 Aug 2025 15:46

Instrument :
BNA_F
ClientSampleId :
PB169299BL

Tgt Ion: 99 Resp: 1266488

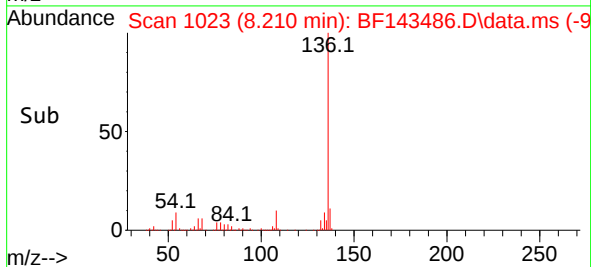
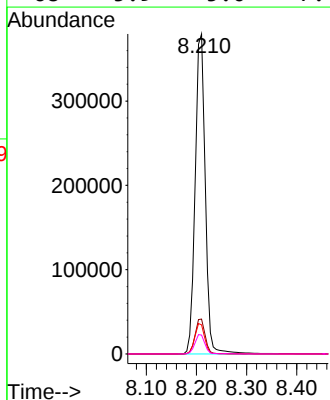
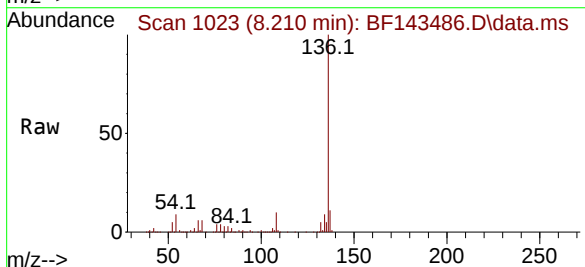
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	36.0	28.2	42.2

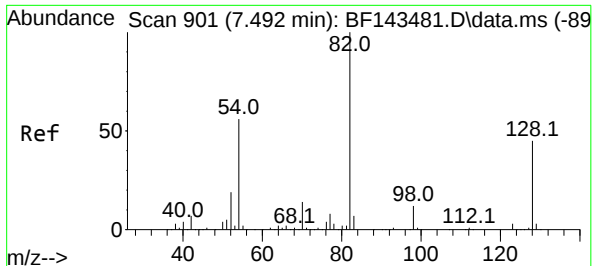


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143486.D
Acq: 20 Aug 2025 15:46

Tgt Ion: 136 Resp: 530145

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	9.1	7.4	11.2
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 95.935 ng

RT: 7.486 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143486.D

Acq: 20 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

PB169299BL

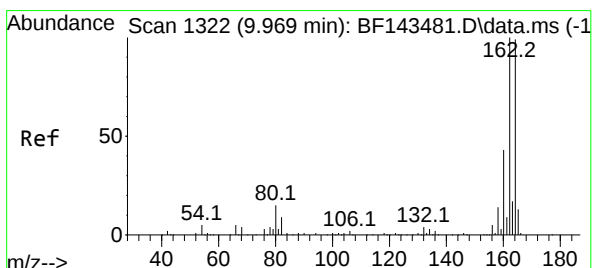
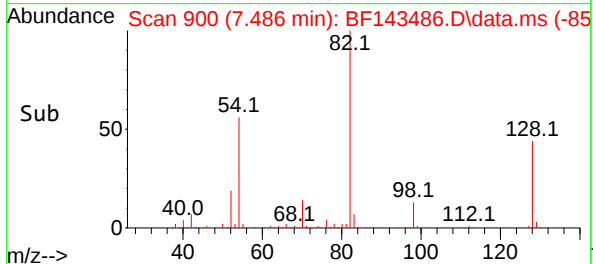
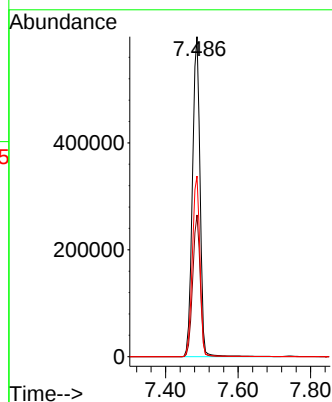
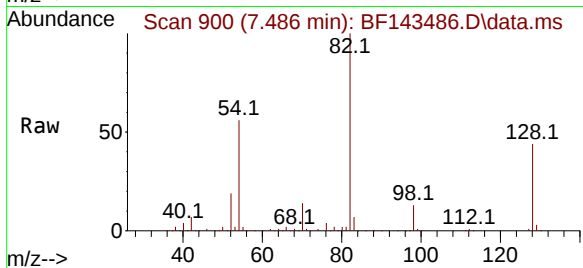
Tgt Ion: 82 Resp: 871554

Ion Ratio Lower Upper

82 100

128 44.3 35.5 53.3

54 56.5 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF143486.D

Acq: 20 Aug 2025 15:46

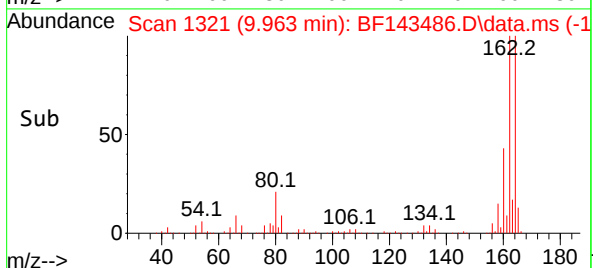
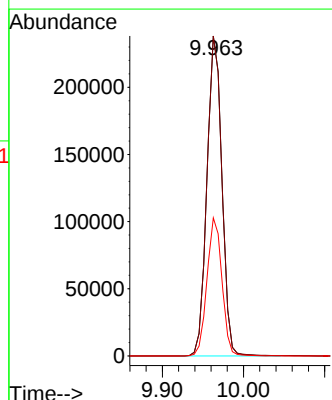
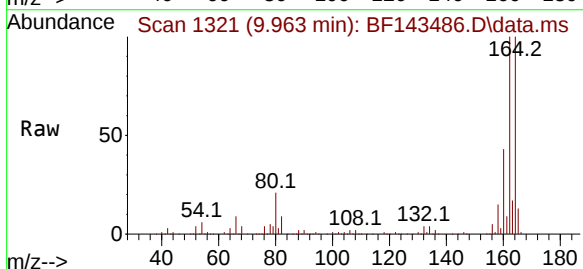
Tgt Ion: 164 Resp: 304345

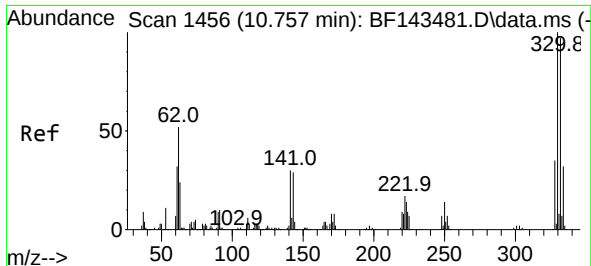
Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

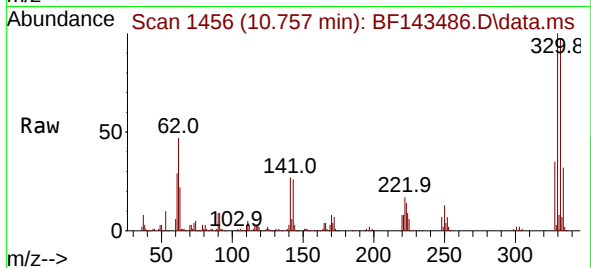
160 43.2 34.3 51.5



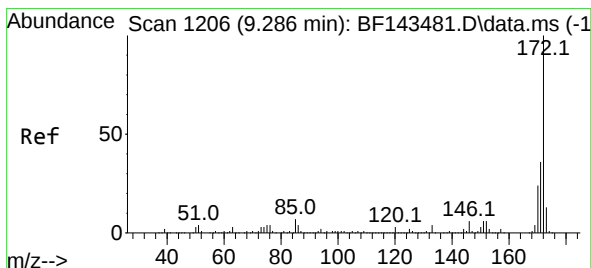
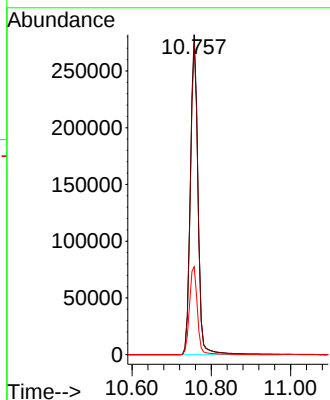
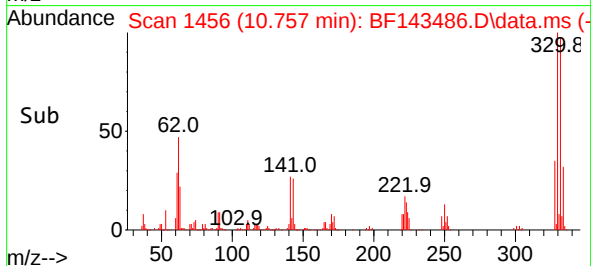


#42
2,4,6-Tribromophenol
Concen: 132.915 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143486.D
Acq: 20 Aug 2025 15:46

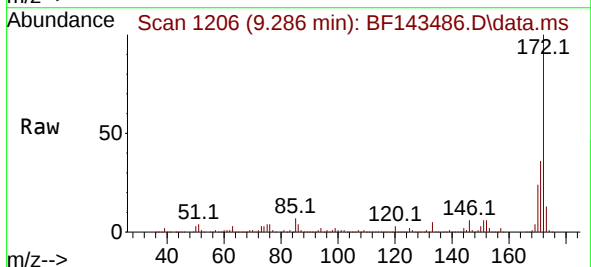
Instrument :
BNA_F
ClientSampleId :
PB169299BL



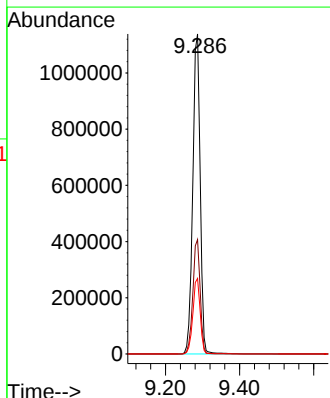
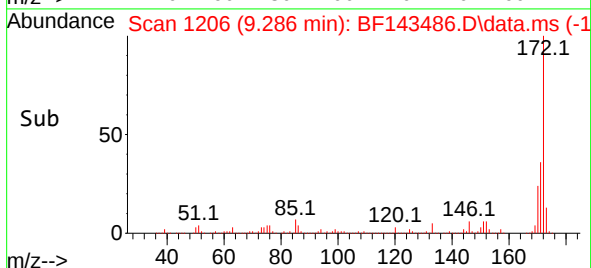
Tgt Ion:330 Resp: 376550
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 28.8 23.7 35.5

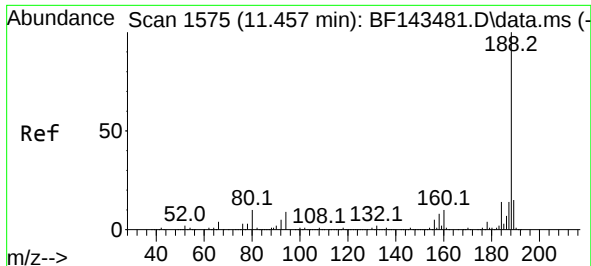


#45
2-Fluorobiphenyl
Concen: 86.259 ng
RT: 9.286 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF143486.D
Acq: 20 Aug 2025 15:46



Tgt Ion:172 Resp: 1588488
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.6 18.8 28.2

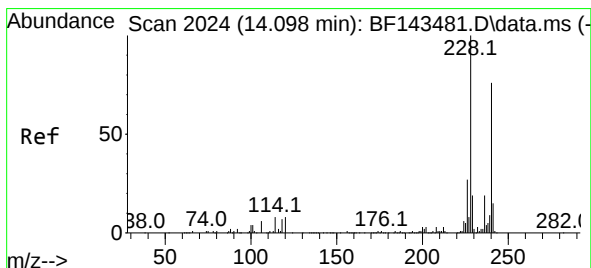
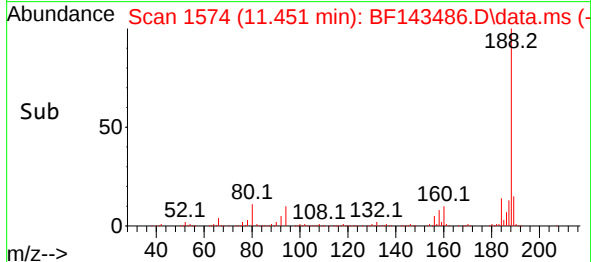
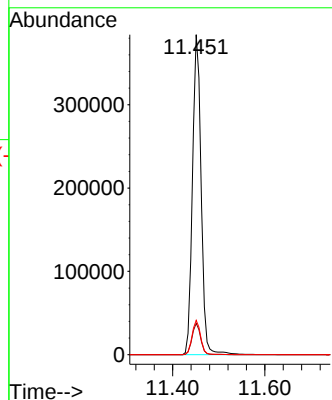
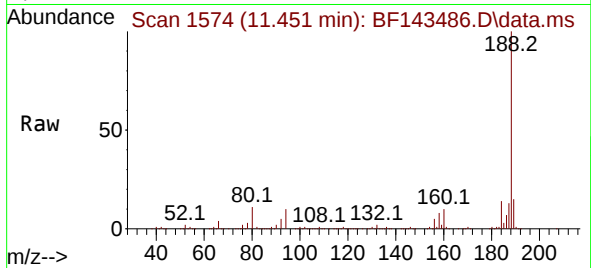




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143486.D
Acq: 20 Aug 2025 15:46

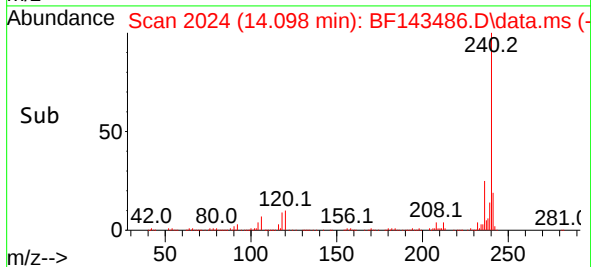
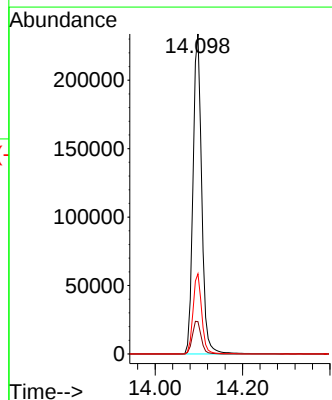
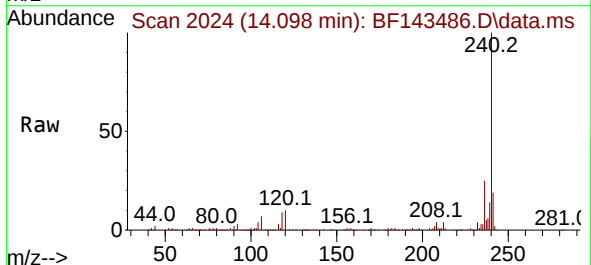
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BNA_F
ClientSampleId :
PB169299BL

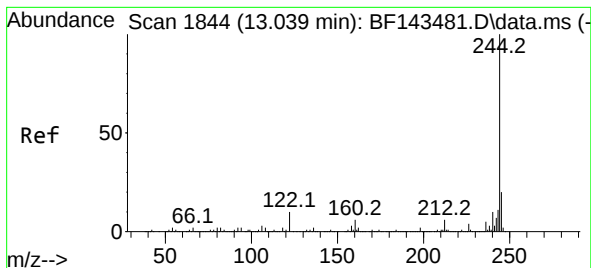
Tgt Ion:188 Resp: 499537
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143486.D
Acq: 20 Aug 2025 15:46

Tgt Ion:240 Resp: 323655
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.1 20.4 30.6





#79

Terphenyl-d14

Concen: 91.719 ng

RT: 13.039 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF143486.D

Acq: 20 Aug 2025 15:46

Instrument :

BNA_F

ClientSampleId :

PB169299BL

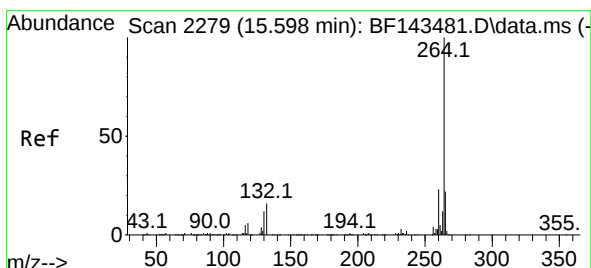
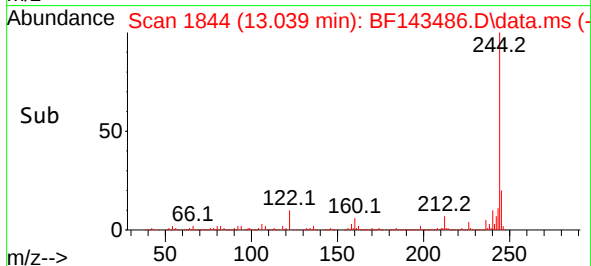
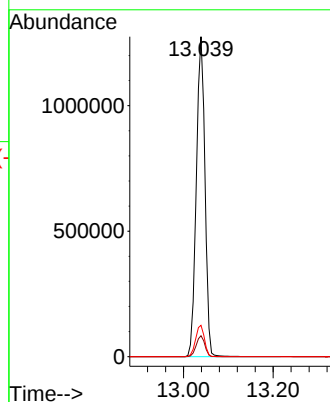
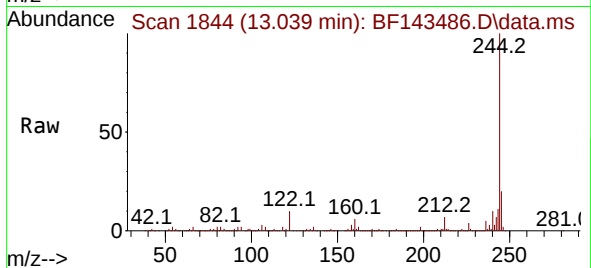
Tgt Ion:244 Resp: 1701123

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 9.8 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: BF143486.D

Acq: 20 Aug 2025 15:46

Tgt Ion:264 Resp: 258420

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.5 17.6 26.4

