

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
 Data File : BF143396.D
 Acq On : 14 Aug 2025 22:26
 Operator : RC/JU
 Sample : Q2814-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Aug 15 03:28:12 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	6.934	152	150641	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	593779	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	319866	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	472967	20.000	ng	0.00
76) Chrysene-d12	14.098	240	271036	20.000	ng	0.00
86) Perylene-d12	15.592	264	338281	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	792473	90.971	ng	0.01
7) Phenol-d6	6.563	99	784702	70.244	ng	0.00
23) Nitrobenzene-d5	7.493	82	1141927	119.761	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	459211	196.441	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1917270	101.643	ng	0.00
79) Terphenyl-d14	13.039	244	1743923	114.874	ng	0.00

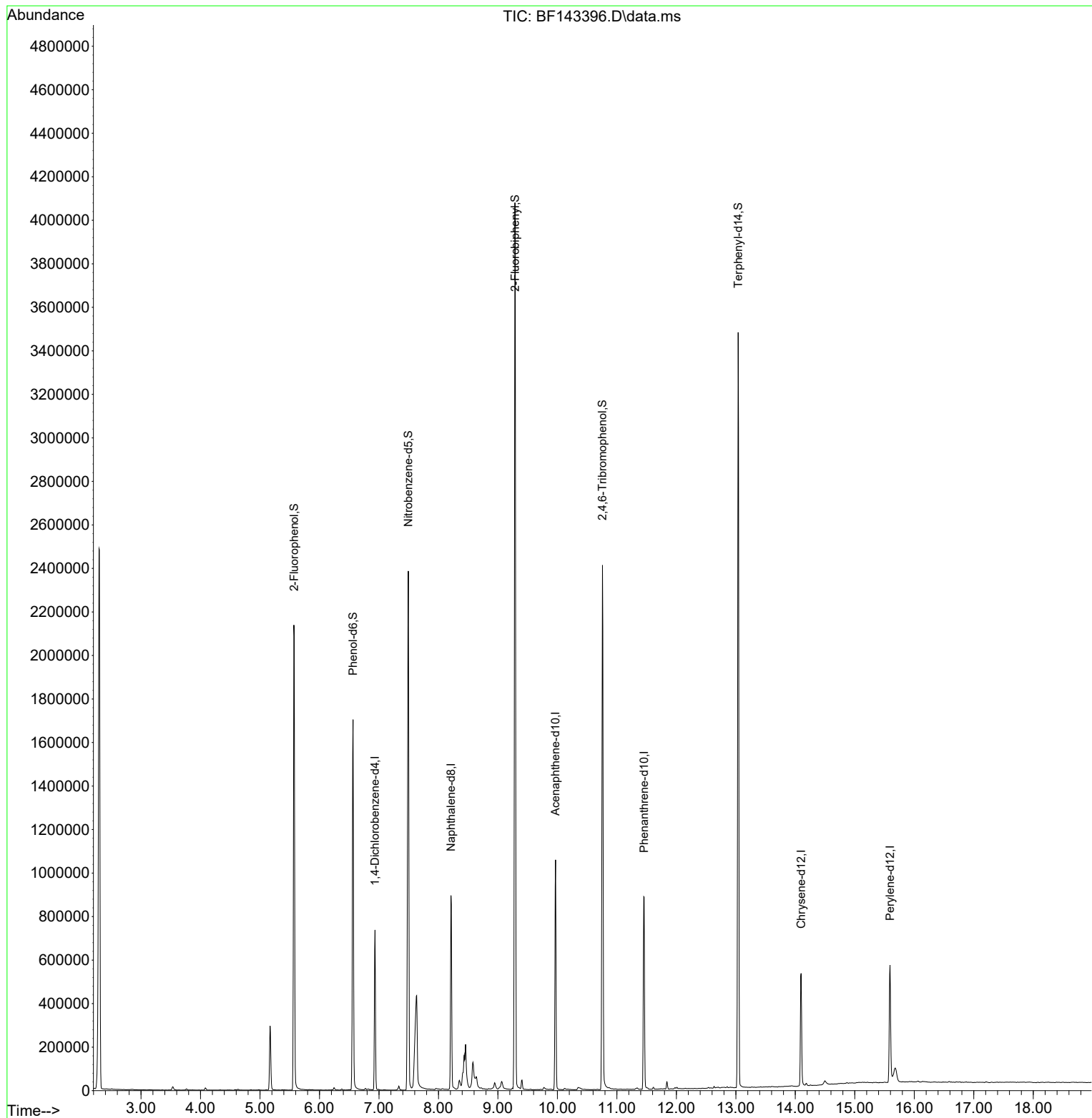
Target Compounds	Qvalue

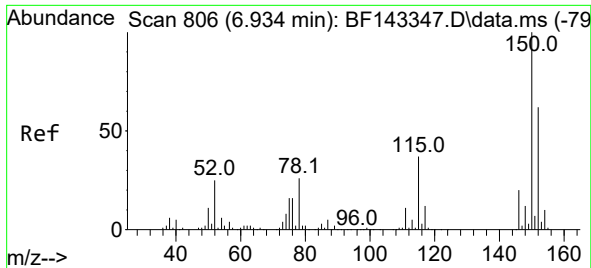
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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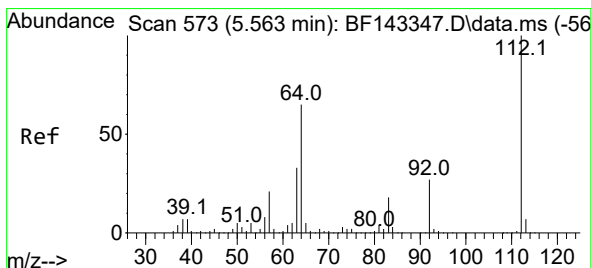
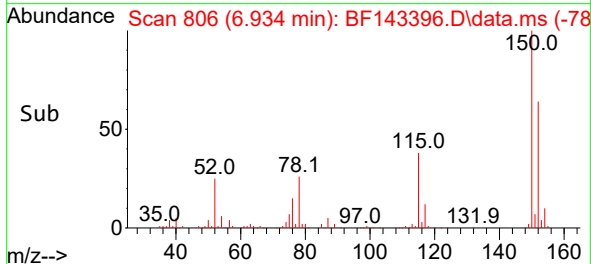
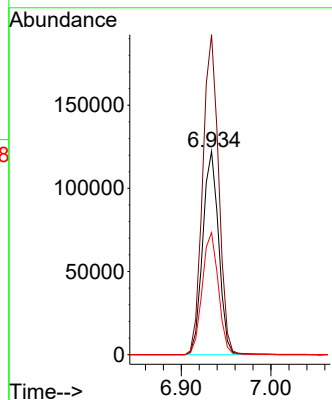
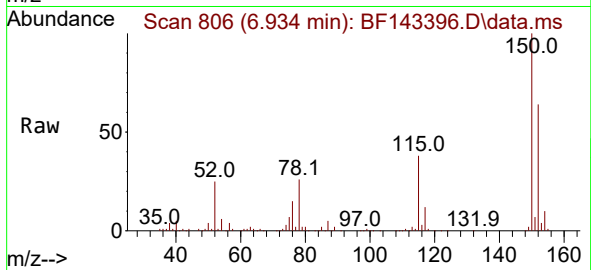




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

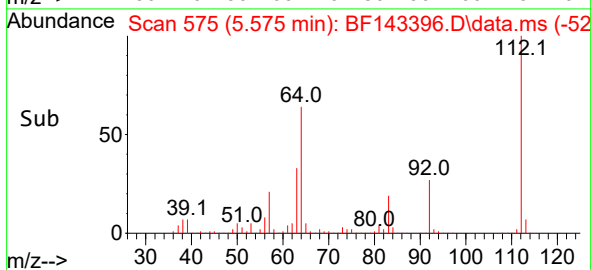
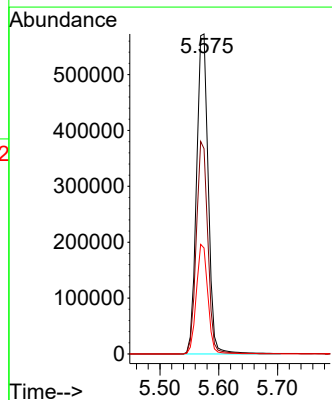
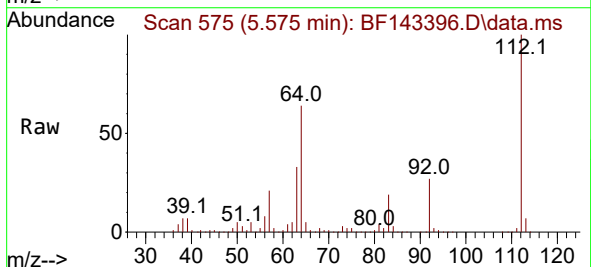
Instrument :
BNA_F
ClientSampleId :
FB

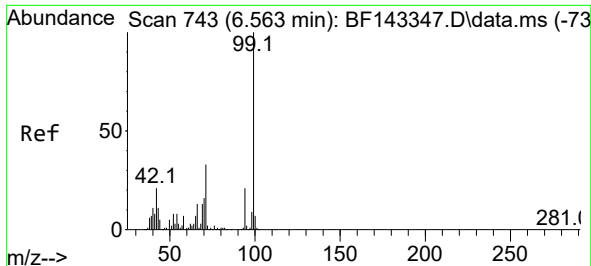
Tgt Ion:152 Resp: 150641
Ion Ratio Lower Upper
152 100
150 157.4 129.8 194.8
115 60.0 47.8 71.8



#5
2-Fluorophenol
Concen: 90.971 ng
RT: 5.575 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

Tgt Ion:112 Resp: 792473
Ion Ratio Lower Upper
112 100
64 64.2 52.1 78.1
63 33.1 26.6 39.8





#7
Phenol-d6
Concen: 70.244 ng
RT: 6.563 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

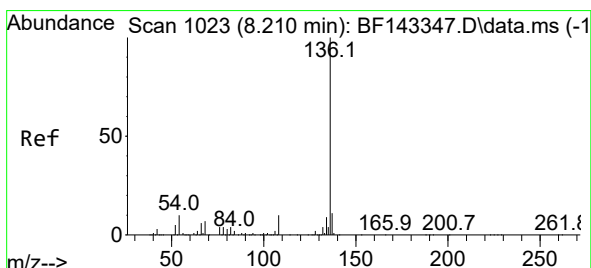
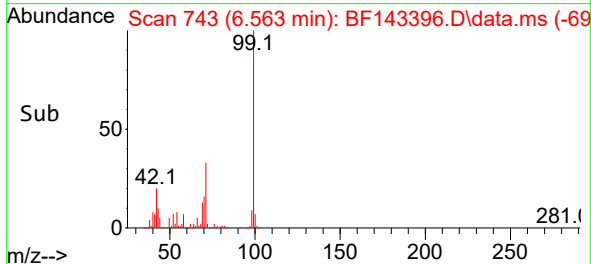
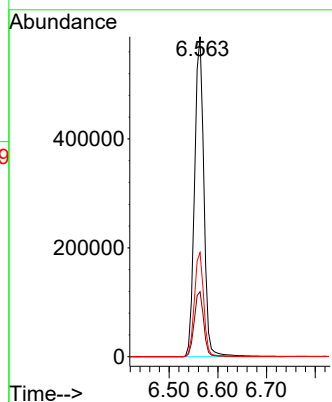
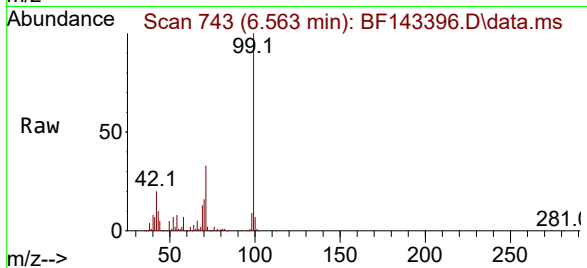
Instrument :

BNA_F

ClientSampleId :

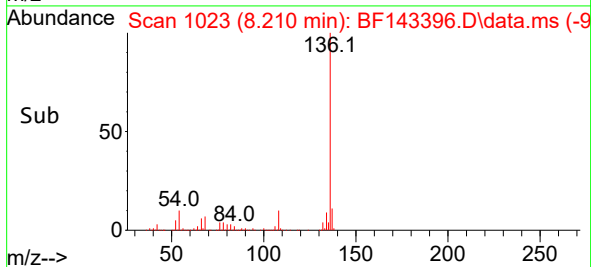
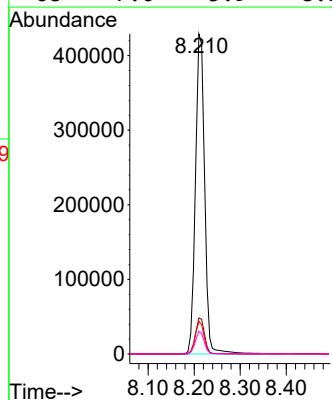
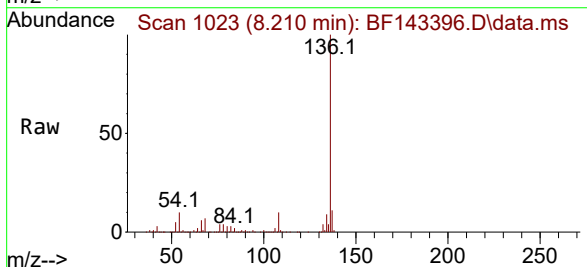
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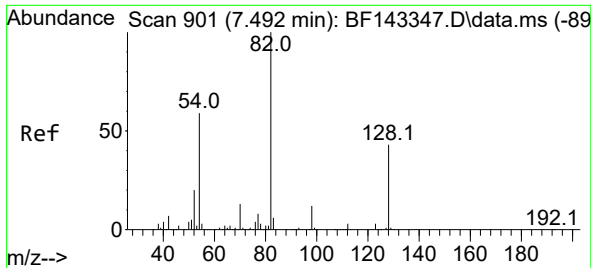
Tgt Ion: 99 Resp: 784702
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 32.6 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

Tgt Ion: 136 Resp: 593779
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.2 8.4 12.6
68 7.0 5.9 8.9

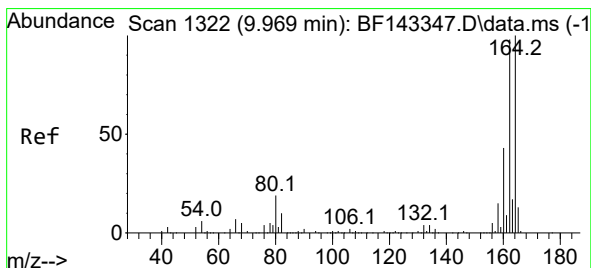
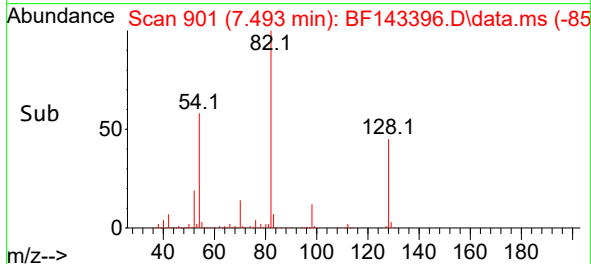
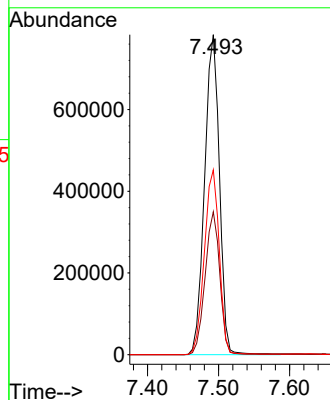
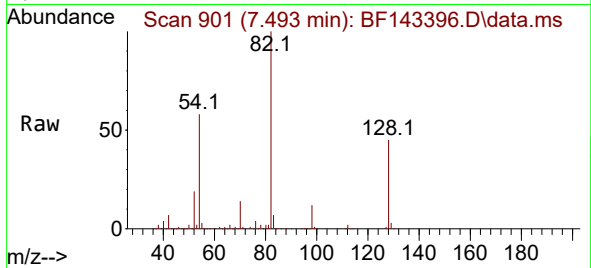




#23
Nitrobenzene-d5
Concen: 119.761 ng
RT: 7.493 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

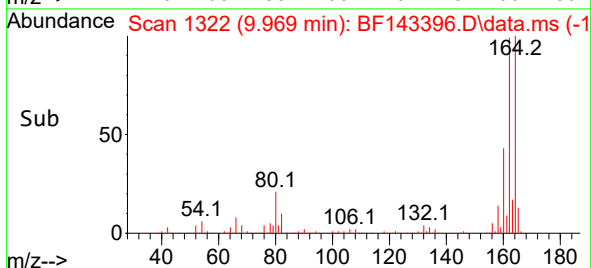
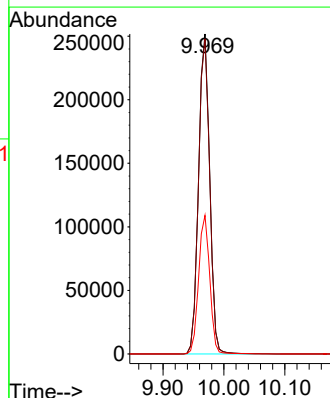
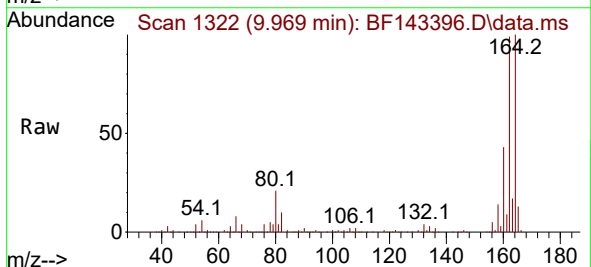
Instrument :
BNA_F
ClientSampleId :
FB

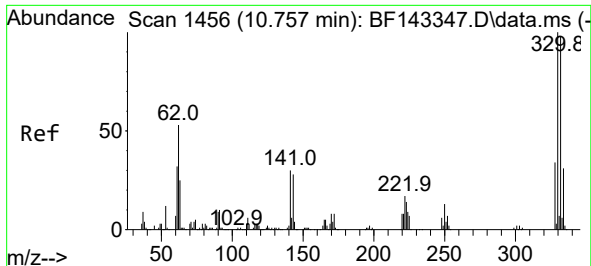
Tgt Ion: 82 Resp: 1141927
Ion Ratio Lower Upper
82 100
128 44.7 33.5 50.3
54 57.8 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

Tgt Ion:164 Resp: 319866
Ion Ratio Lower Upper
164 100
162 98.5 78.6 118.0
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 196.441 ng

RT: 10.757 min Scan# 1456

Delta R.T. 0.000 min

Lab File: BF143396.D

Acq: 14 Aug 2025 22:26

Instrument :

BNA_F

ClientSampleId :

FB

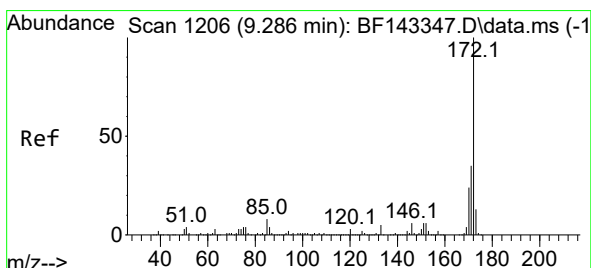
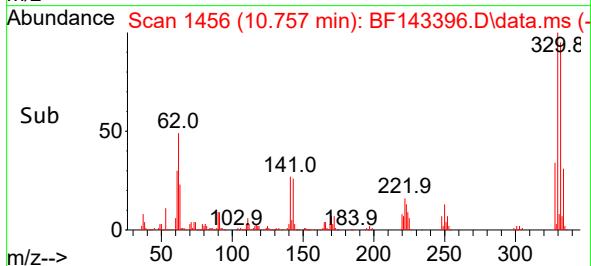
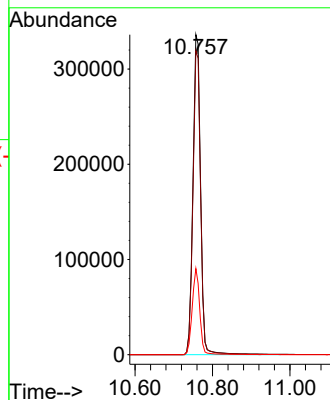
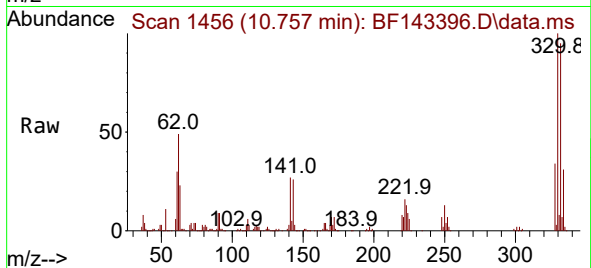
Tgt Ion:330 Resp: 459211

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

141 26.6 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 101.643 ng

RT: 9.287 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF143396.D

Acq: 14 Aug 2025 22:26

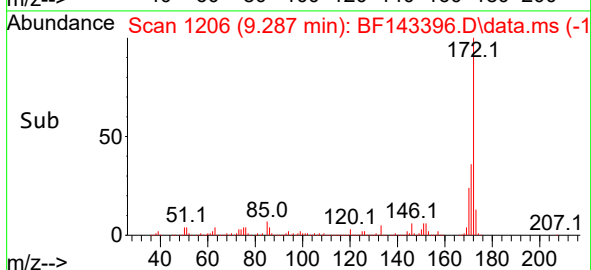
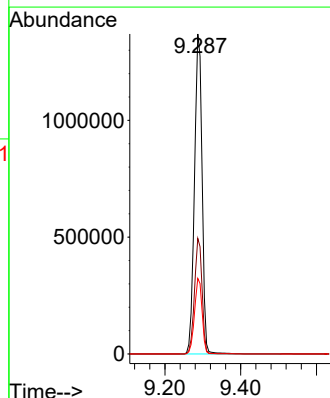
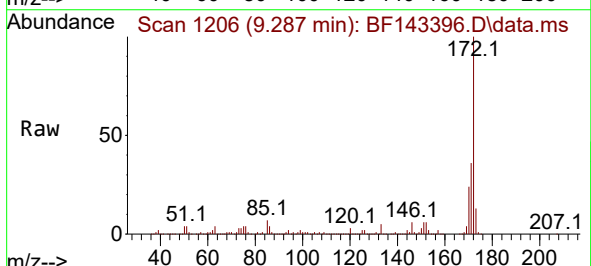
Tgt Ion:172 Resp: 1917270

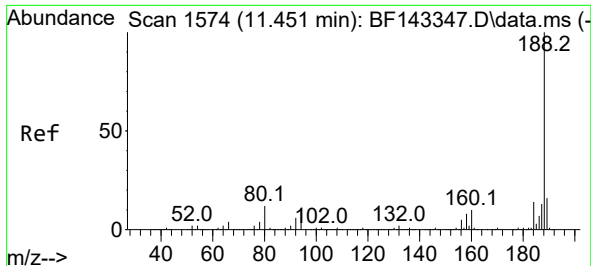
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.6 19.1 28.7

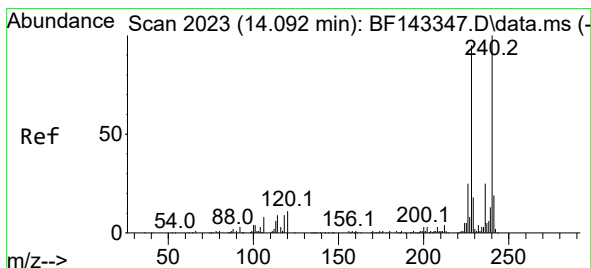
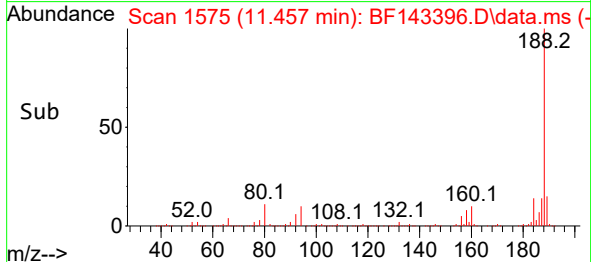
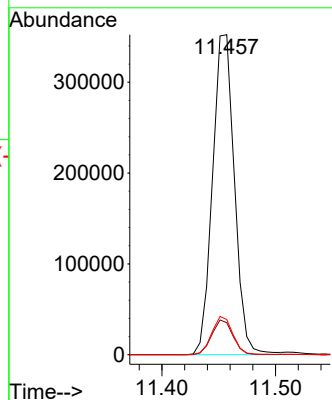
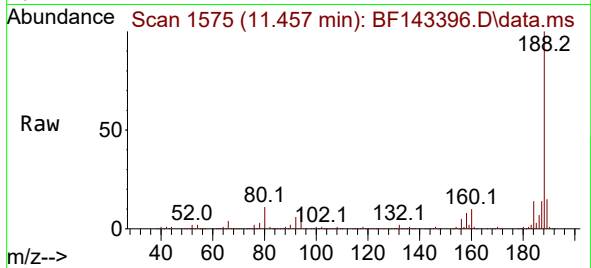




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

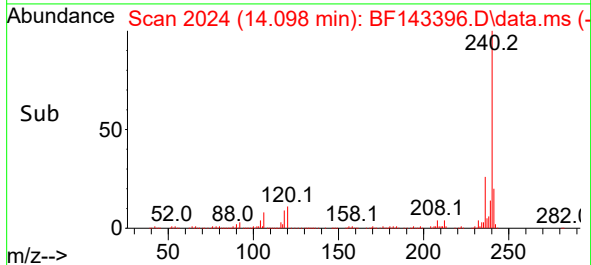
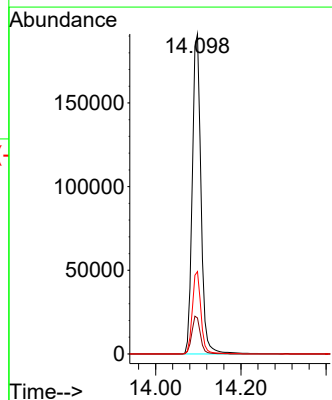
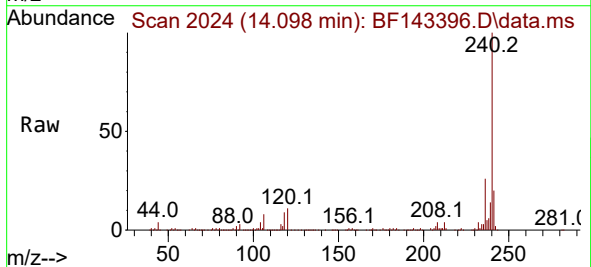
Instrument :
BNA_F
ClientSampleId :
FB

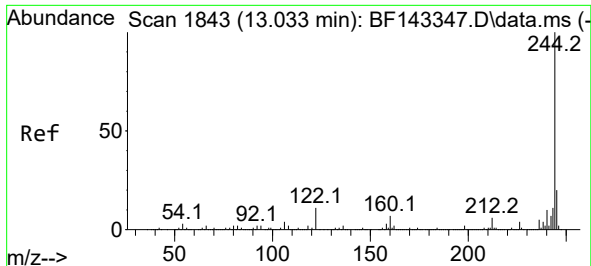
Tgt Ion:188 Resp: 472967
Ion Ratio Lower Upper
188 100
94 10.0 8.8 13.2
80 11.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF143396.D
Acq: 14 Aug 2025 22:26

Tgt Ion:240 Resp: 271036
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 25.7 19.9 29.9





#79

Terphenyl-d14

Concen: 114.874 ng

RT: 13.039 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF143396.D

Acq: 14 Aug 2025 22:26

Instrument :

BNA_F

ClientSampleId :

FB

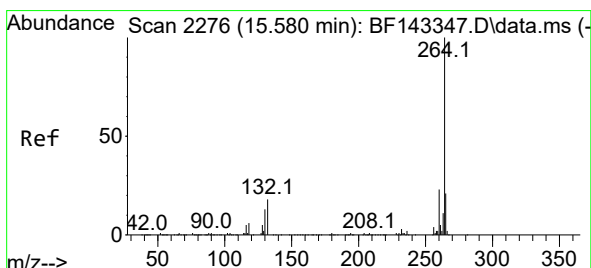
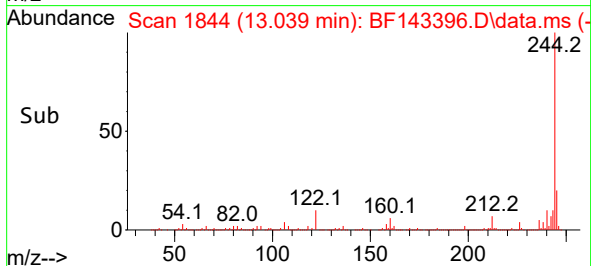
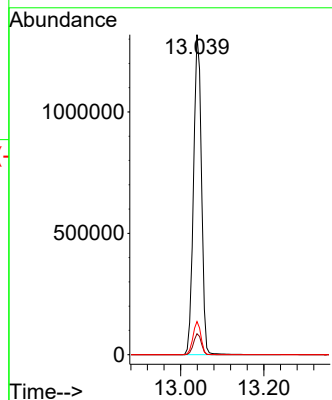
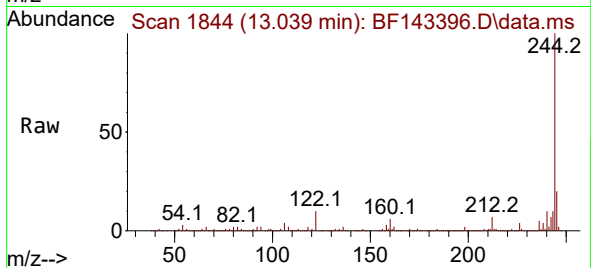
Tgt Ion:244 Resp: 1743923

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2278

Delta R.T. 0.012 min

Lab File: BF143396.D

Acq: 14 Aug 2025 22:26

Tgt Ion:264 Resp: 338281

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.6 17.2 25.8

