

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141081.D
 Acq On : 08 Jan 2025 13:58
 Operator : RC/JU
 Sample : PB165973TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165973TB

Quant Time: Jan 08 14:26:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	258508	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1038143	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	573181	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	970542	20.000	ng	0.00
76) Chrysene-d12	13.992	240	735136	20.000	ng	0.00
86) Perylene-d12	15.468	264	579900	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1874428	109.299	ng	0.02
7) Phenol-d6	6.451	99	2365031	107.052	ng	0.00
23) Nitrobenzene-d5	7.387	82	1512342	93.201	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	769339	138.131	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2686986	74.689	ng	0.00
79) Terphenyl-d14	12.939	244	3346454	75.611	ng	0.00

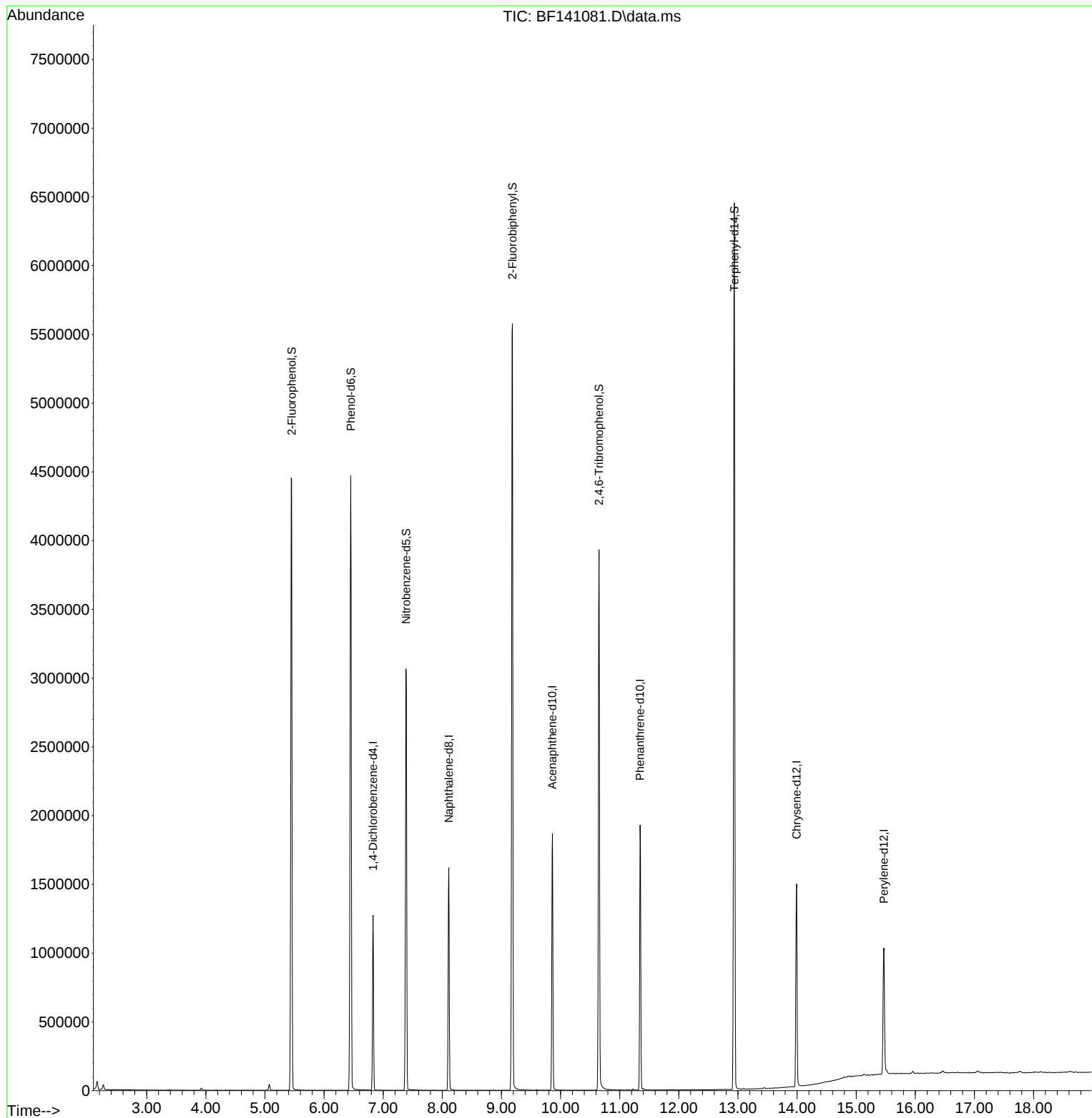
Target Compounds	Qvalue

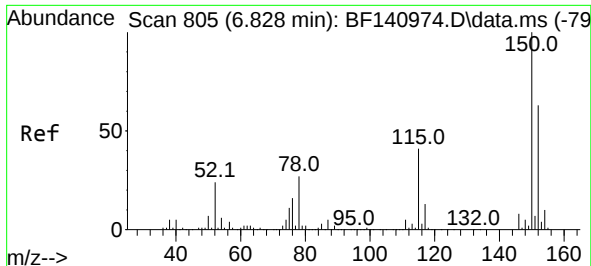
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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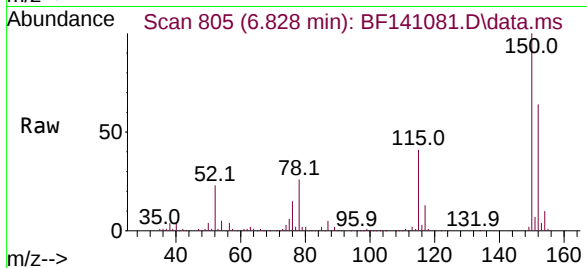
Quant Time: Jan 08 14:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration



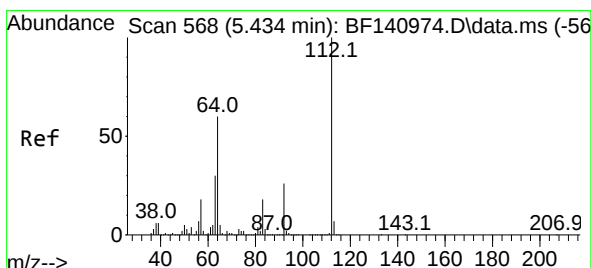
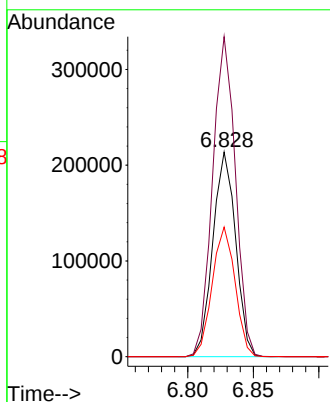
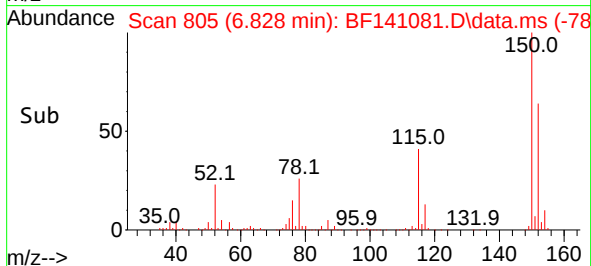


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

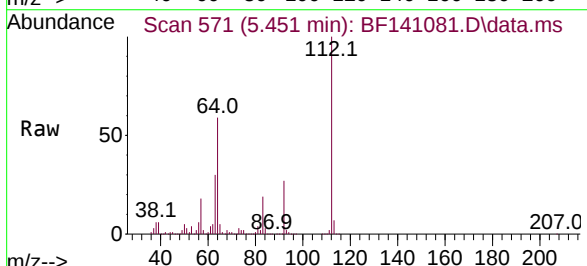
Instrument :
BNA_F
ClientSampleId :
PB165973TB



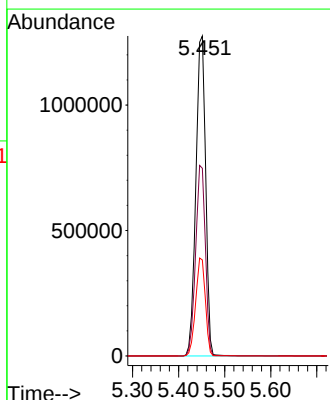
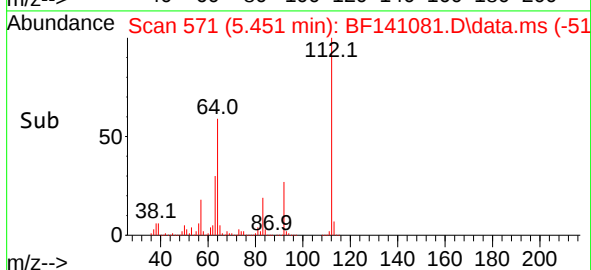
Tgt Ion:152 Resp: 258508
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 63.4 51.7 77.5

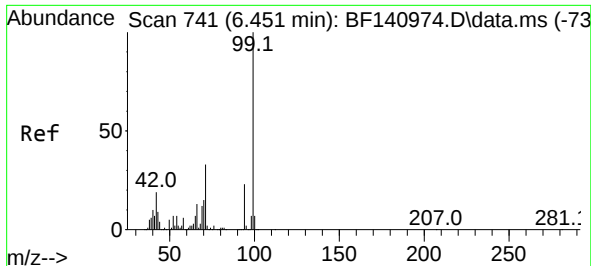


#5
2-Fluorophenol
Concen: 109.299 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58



Tgt Ion:112 Resp: 1874428
Ion Ratio Lower Upper
112 100
64 58.6 47.7 71.5
63 30.0 24.2 36.2

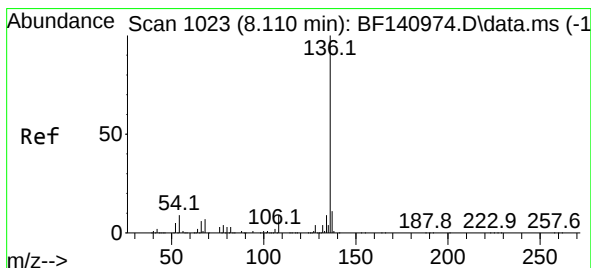
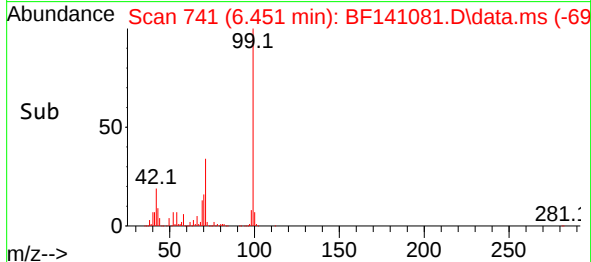
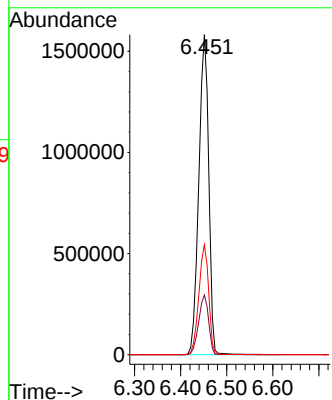
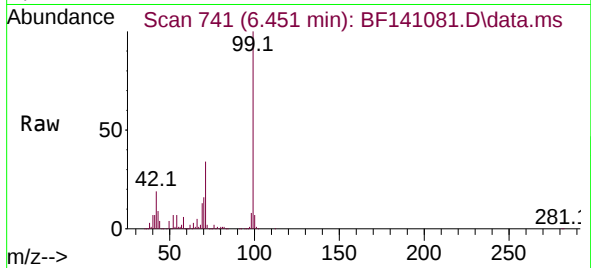




#7
Phenol-d6
Concen: 107.052 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

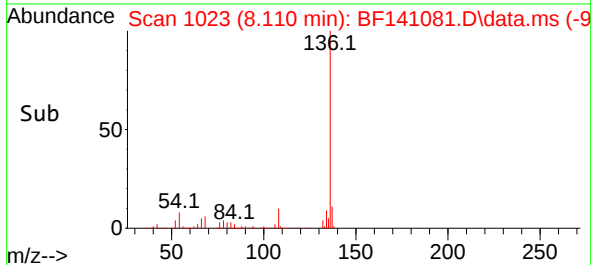
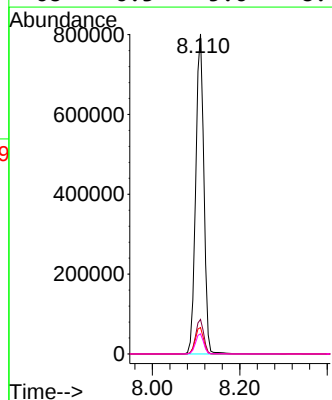
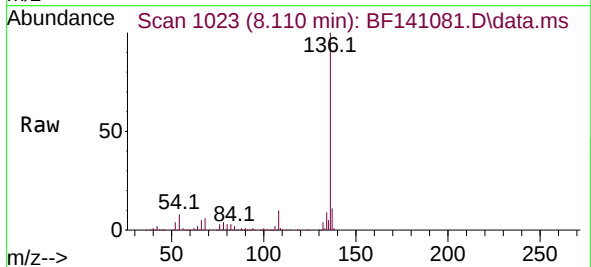
Instrument :
BNA_F
ClientSampleId :
PB165973TB

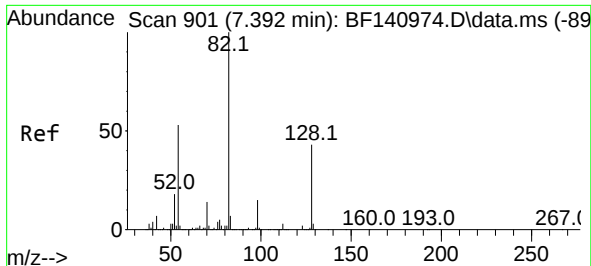
Tgt Ion: 99 Resp: 2365031
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 34.3 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

Tgt Ion:136 Resp: 1038143
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.2 7.6 11.4
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 93.201 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141081.D

Acq: 08 Jan 2025 13:58

Instrument :

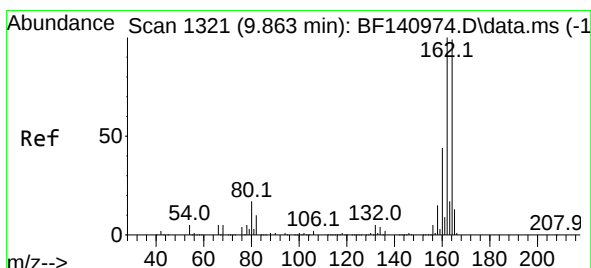
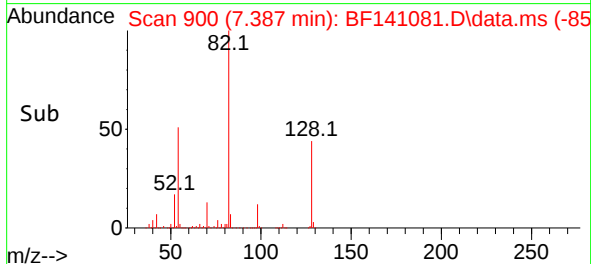
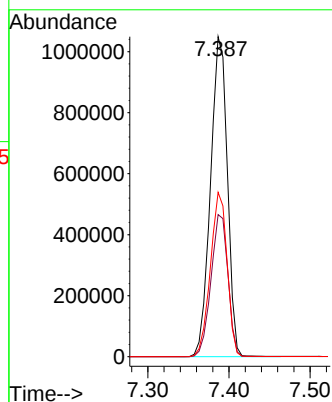
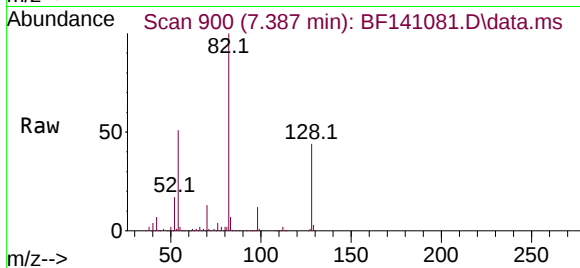
BNA_F

ClientSampleId :

PB165973TB

Tgt Ion: 82 Resp: 1512342

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.4	51.6
54	51.3	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

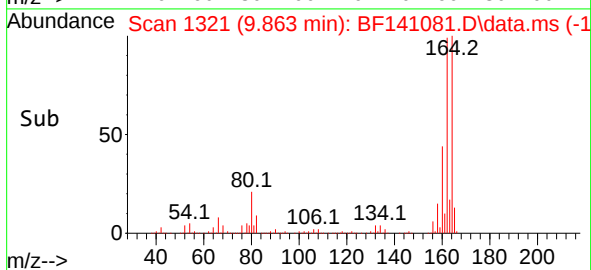
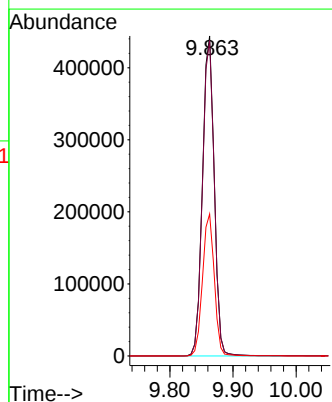
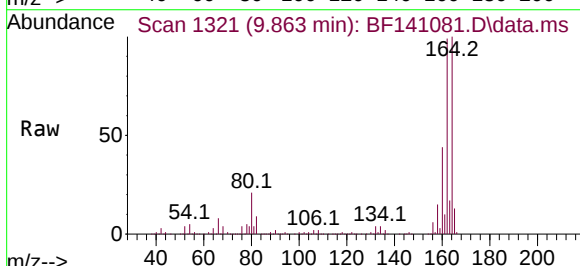
Delta R.T. -0.000 min

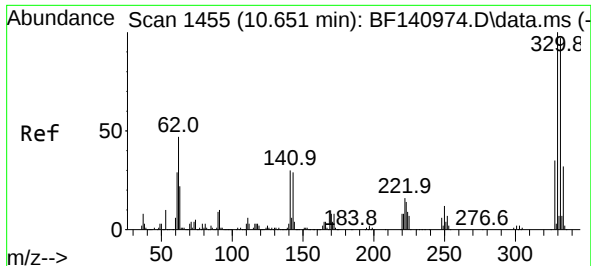
Lab File: BF141081.D

Acq: 08 Jan 2025 13:58

Tgt Ion: 164 Resp: 573181

Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.6	120.8
160	44.4	35.7	53.5

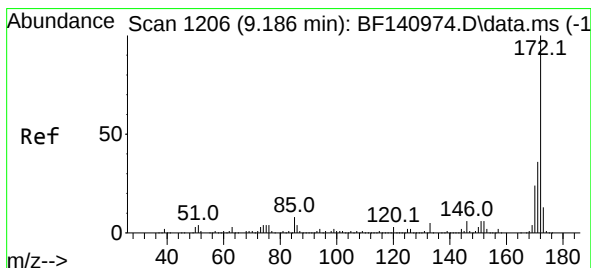
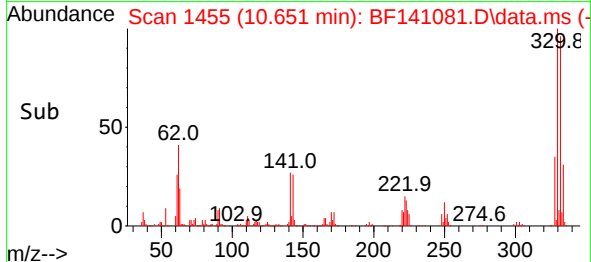
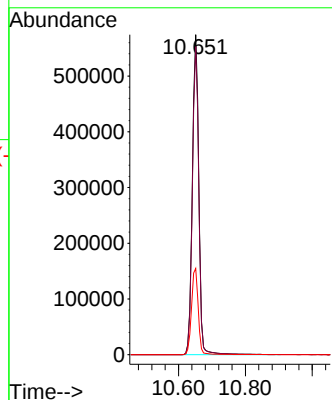
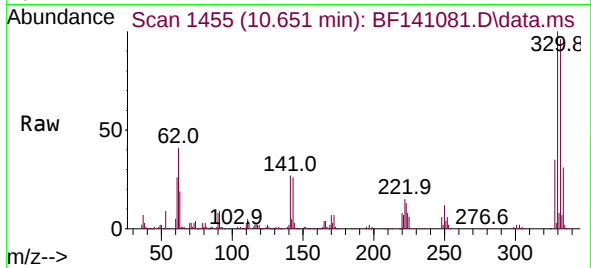




#42
2,4,6-Tribromophenol
Concen: 138.131 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

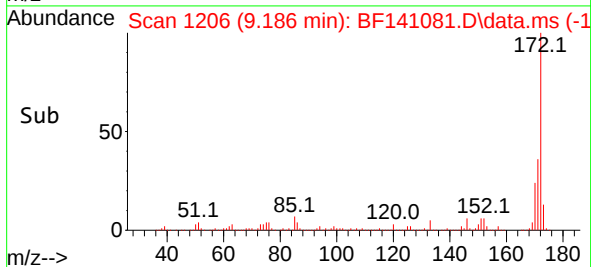
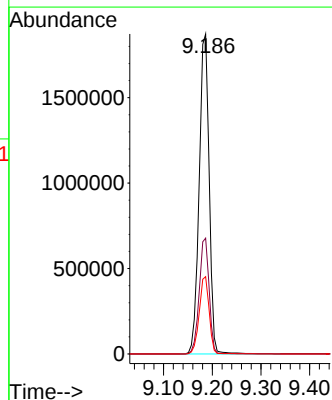
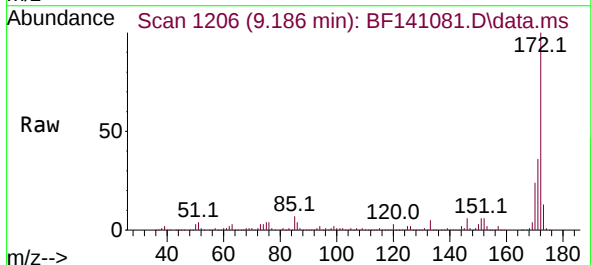
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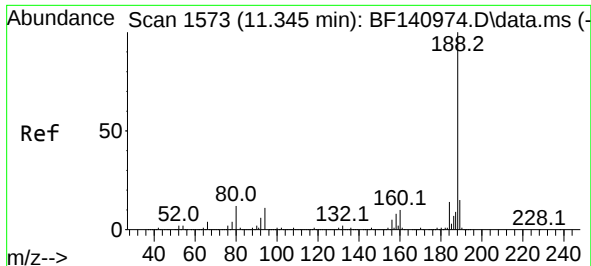
Tgt Ion:330 Resp: 769339
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 28.2 26.4 39.6



#45
2-Fluorobiphenyl
Concen: 74.689 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

Tgt Ion:172 Resp: 2686986
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.2 19.6 29.4

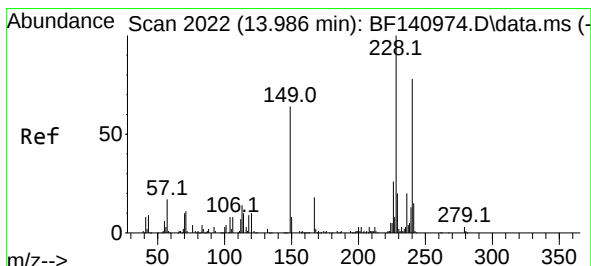
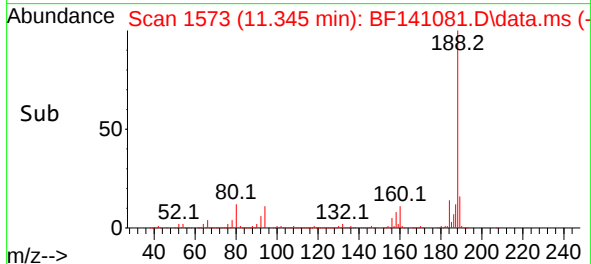
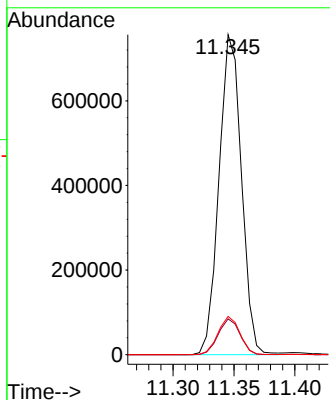
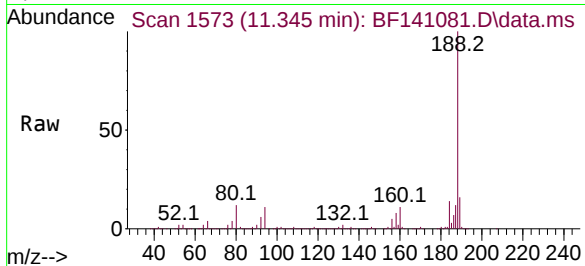




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

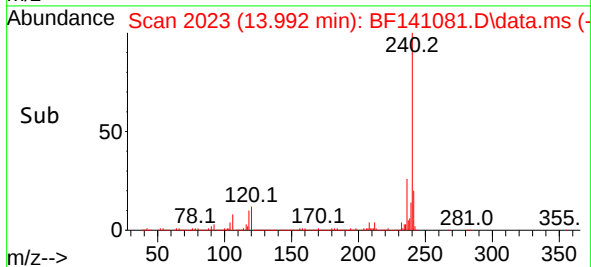
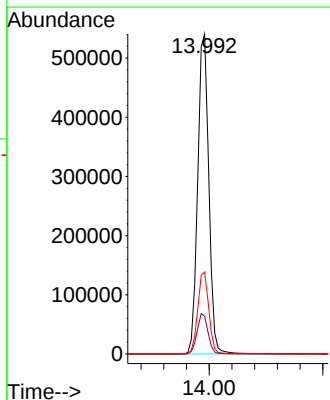
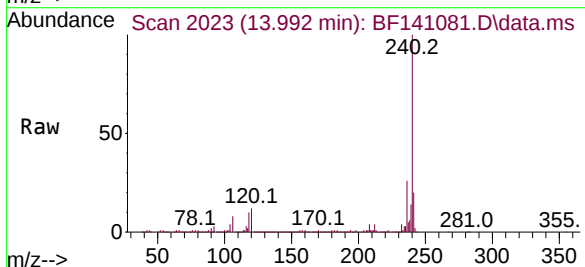
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BNA_F
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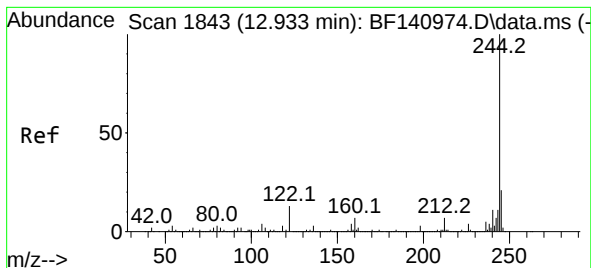
Tgt Ion:188 Resp: 970542
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 12.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF141081.D
Acq: 08 Jan 2025 13:58

Tgt Ion:240 Resp: 735136
Ion Ratio Lower Upper
240 100
120 11.8 10.7 16.1
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 75.611 ng

RT: 12.939 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141081.D

Acq: 08 Jan 2025 13:58

Instrument :

BNA_F

ClientSampleId :

PB165973TB

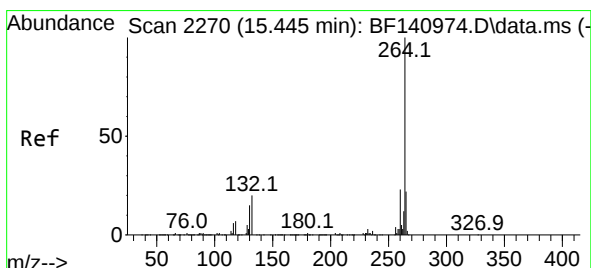
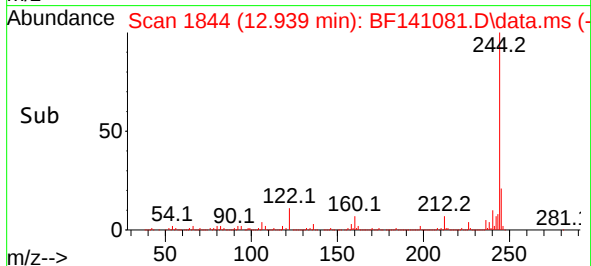
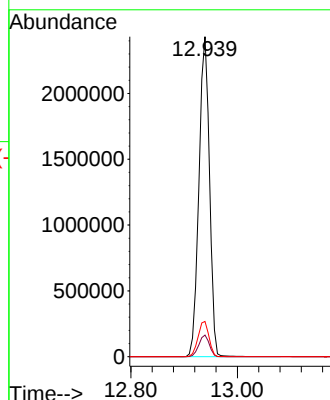
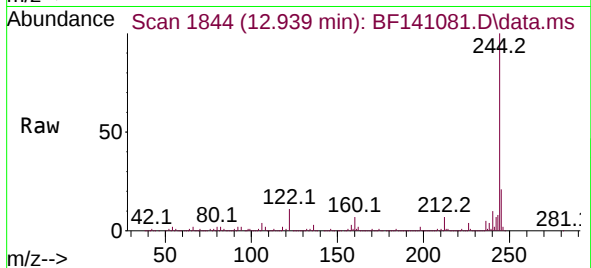
Tgt Ion:244 Resp: 3346454

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.0 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.024 min

Lab File: BF141081.D

Acq: 08 Jan 2025 13:58

Tgt Ion:264 Resp: 579900

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.4 17.4 26.2

