

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
 Data File : BF141037.D
 Acq On : 30 Dec 2024 18:06
 Operator : RC/JU
 Sample : P5386-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00395-96

Quant Time: Dec 31 00:14:49 2024
 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	253986	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	1018210	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	540893	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	925437	20.000	ng	0.00
76) Chrysene-d12	13.980	240	625287	20.000	ng	0.00
86) Perylene-d12	15.433	264	502783	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2107233	125.062	ng	0.02
7) Phenol-d6	6.446	99	2468824	113.740	ng	0.00
23) Nitrobenzene-d5	7.387	82	1805058	113.418	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	868223	165.190	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	3177191	93.586	ng	0.00
79) Terphenyl-d14	12.933	244	3761383	99.916	ng	0.00

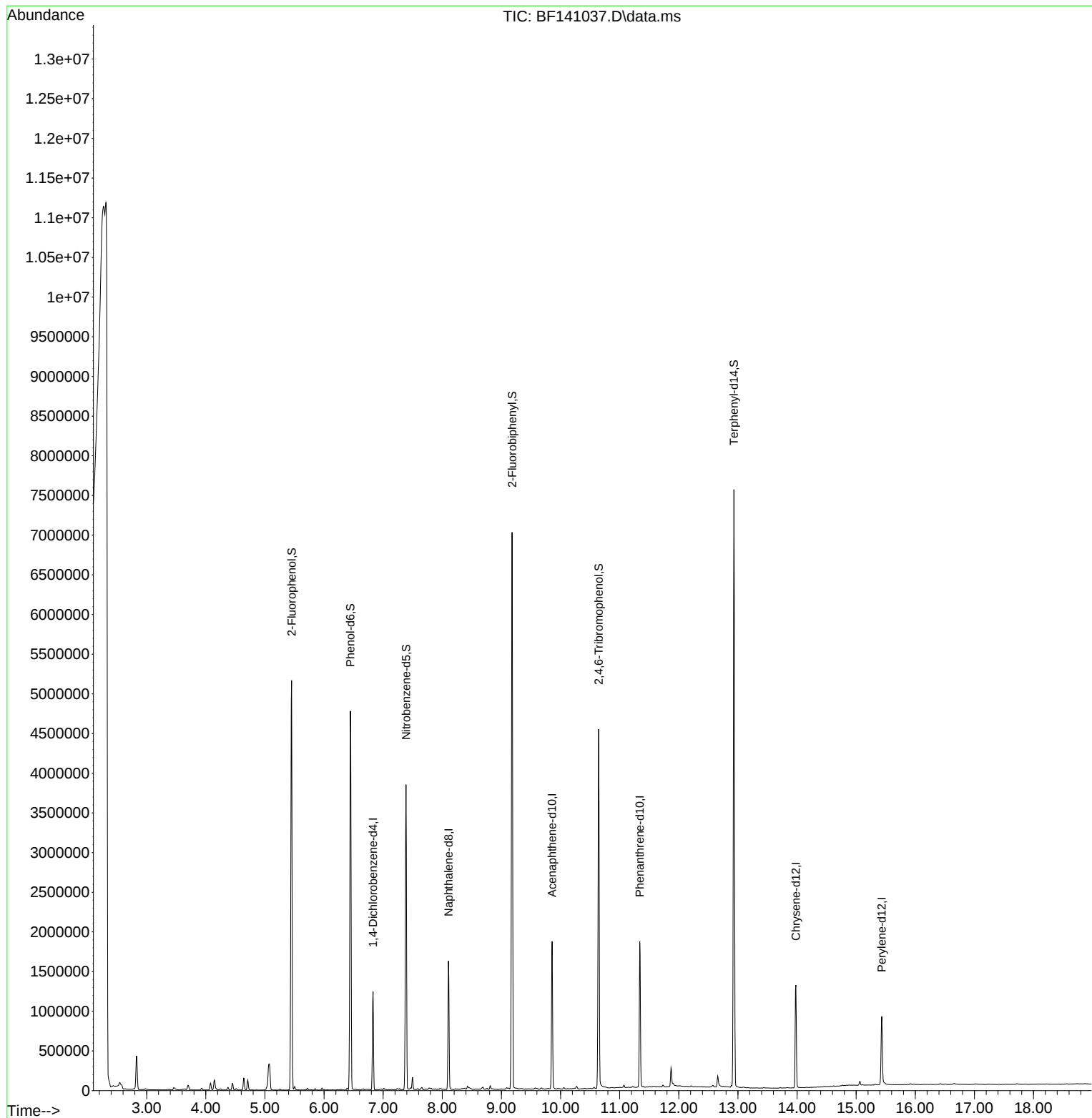
Target Compounds	Qvalue

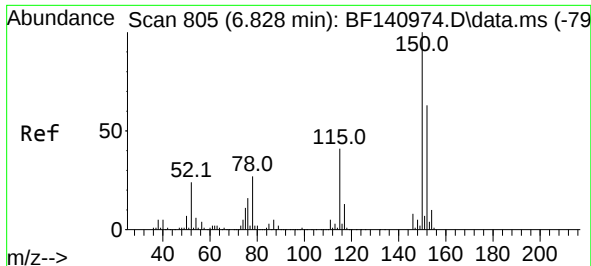
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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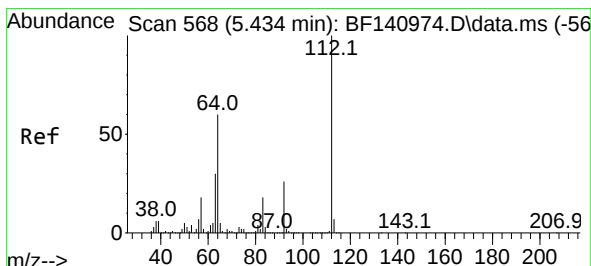
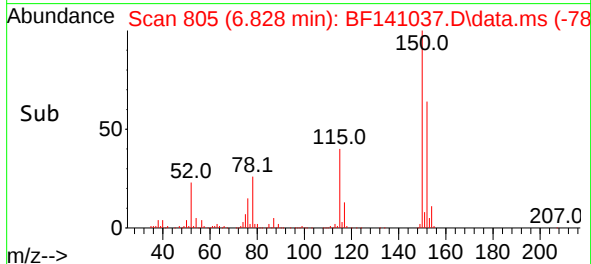
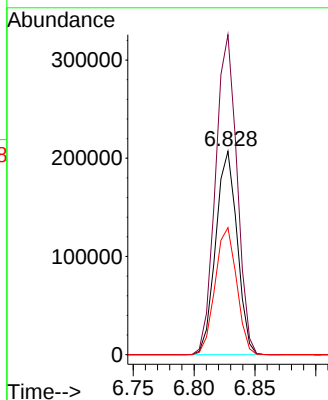
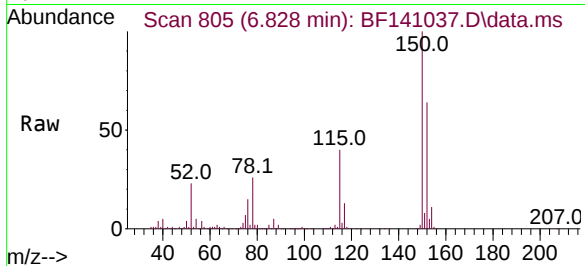




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

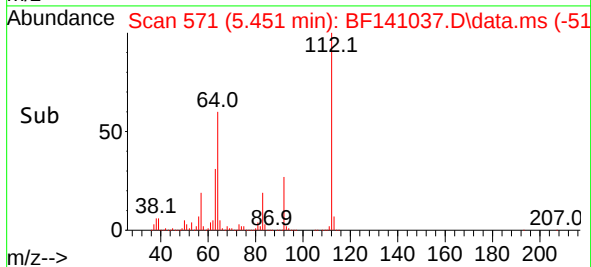
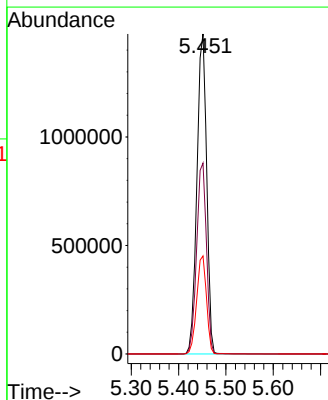
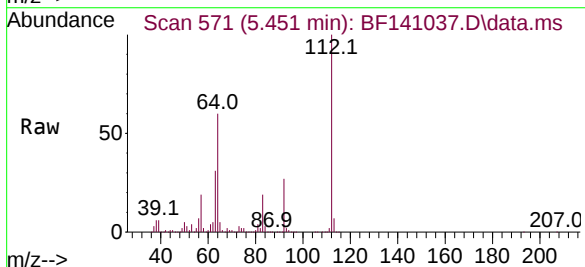
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

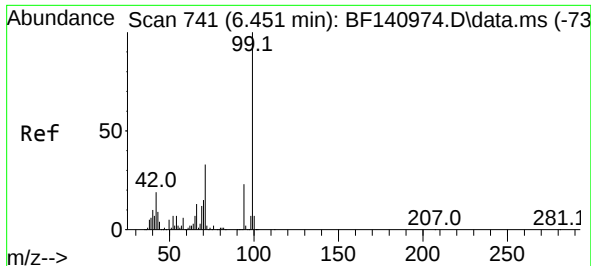
Tgt Ion:152 Resp: 253986
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 62.5 51.7 77.5



#5
2-Fluorophenol
Concen: 125.062 ng
RT: 5.451 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:112 Resp: 2107233
Ion Ratio Lower Upper
112 100
64 59.6 47.7 71.5
63 30.7 24.2 36.2

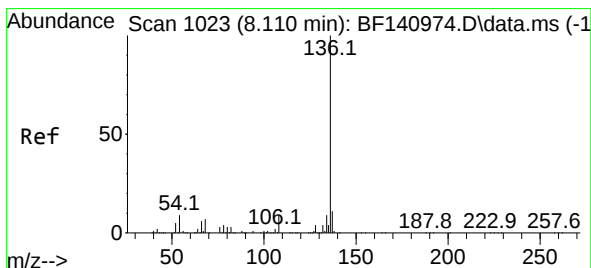
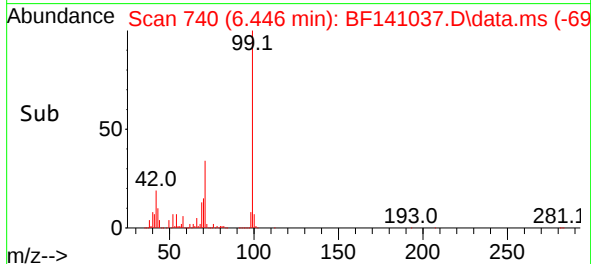
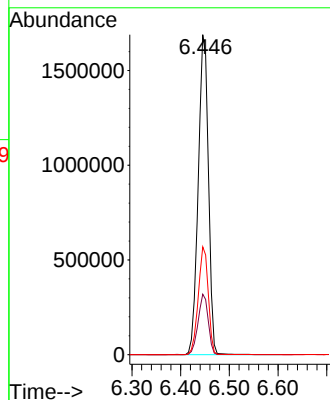
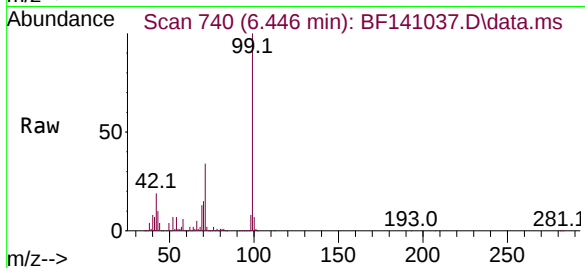




#7
Phenol-d6
Concen: 113.740 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

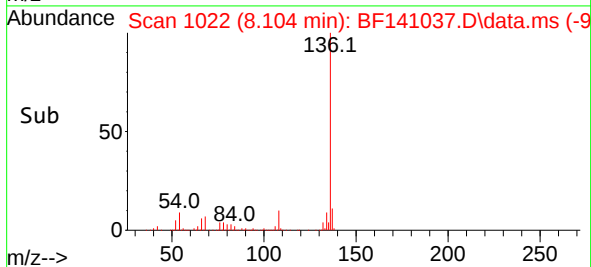
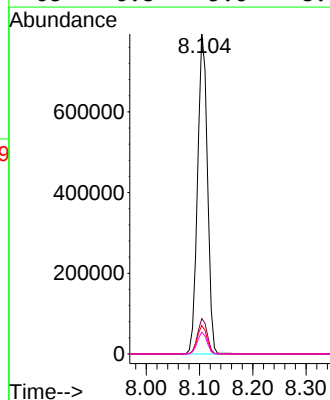
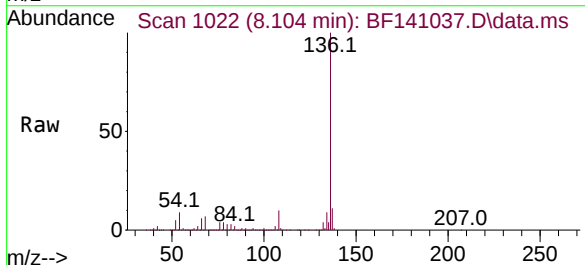
Instrument :
BNA_F
ClientSampleId :
MOO-24-00395-96

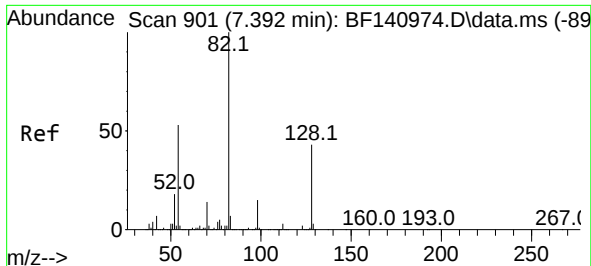
Tgt Ion: 99 Resp: 2468824
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 33.7 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion: 136 Resp: 1018210
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 7.6 11.4
68 6.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 113.418 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Instrument :

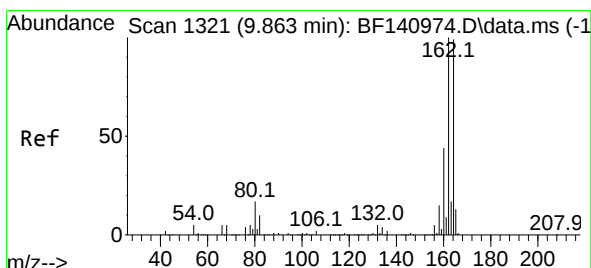
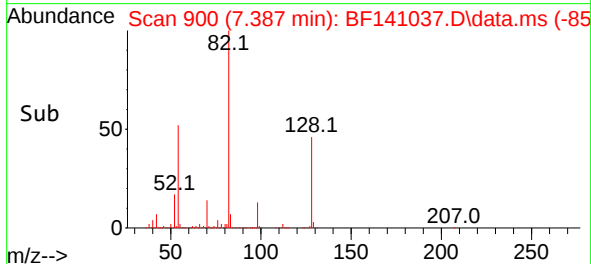
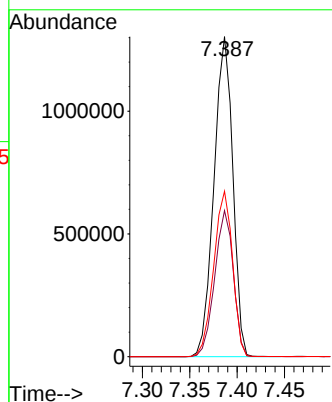
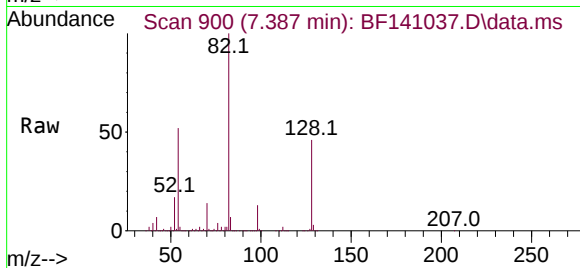
BNA_F

ClientSampleId :

MOO-24-00395-96

Tgt Ion: 82 Resp: 1805058

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.4	51.6
54	51.7	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

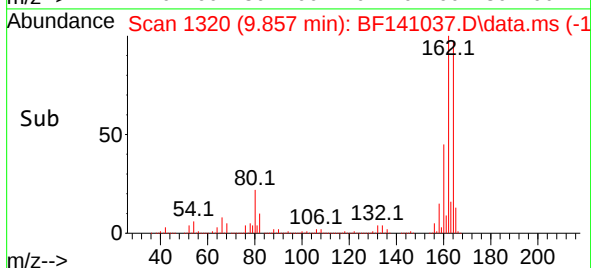
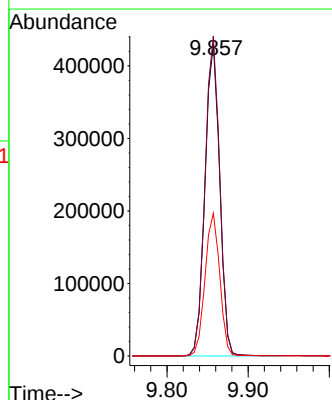
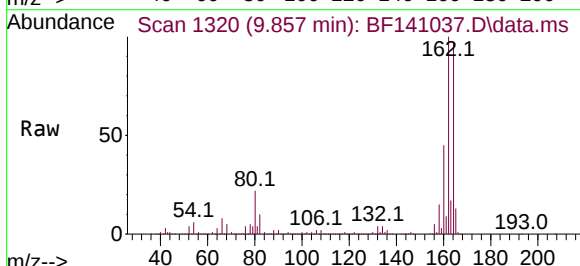
Delta R.T. -0.006 min

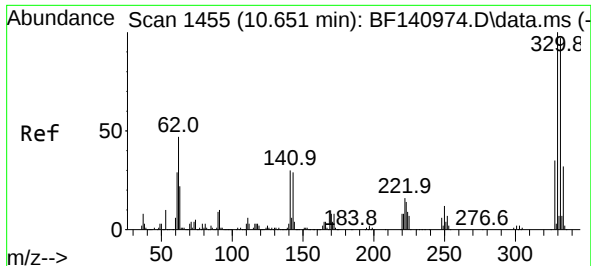
Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Tgt Ion: 164 Resp: 540893

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	45.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 165.190 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MOO-24-00395-96

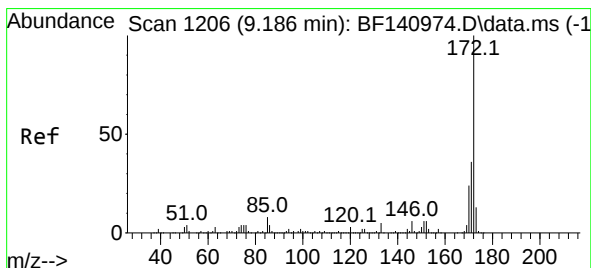
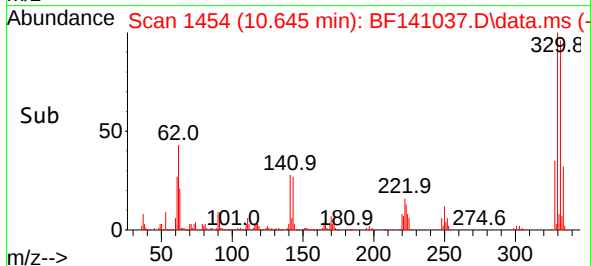
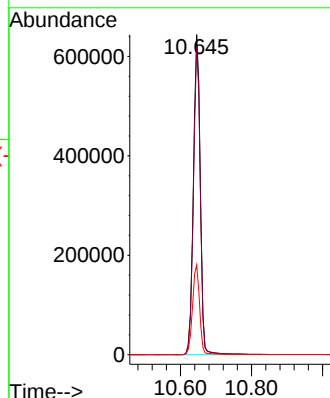
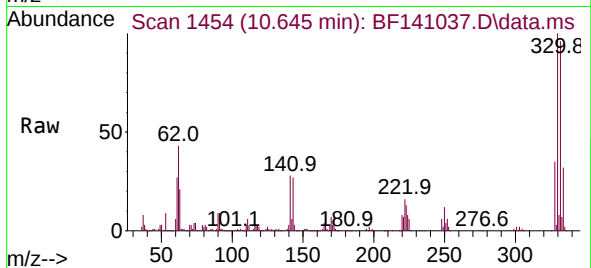
Tgt Ion:330 Resp: 868223

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 28.8 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 93.586 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

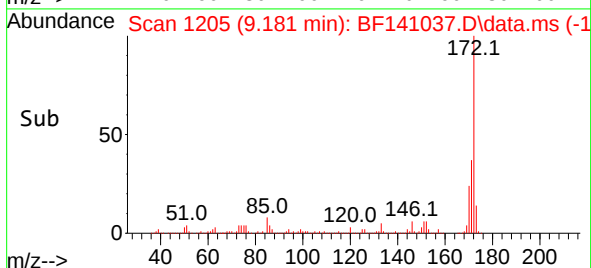
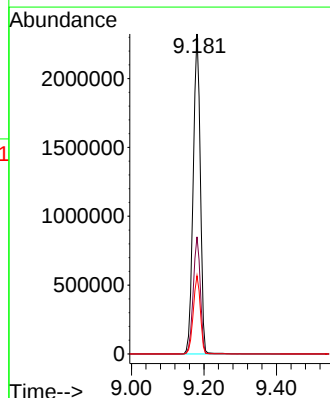
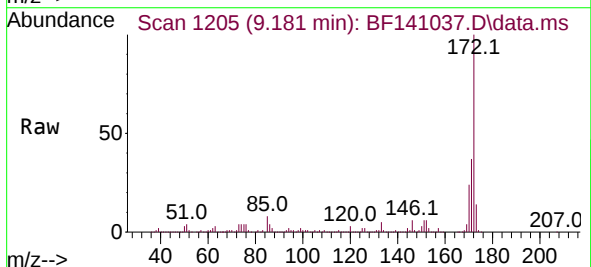
Tgt Ion:172 Resp: 3177191

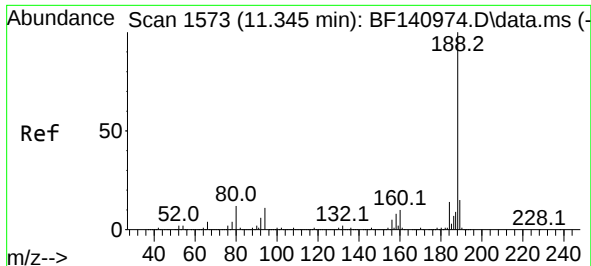
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

170 24.5 19.6 29.4

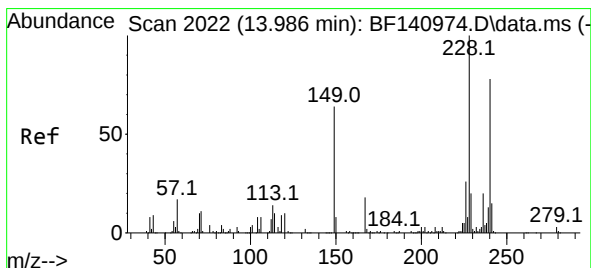
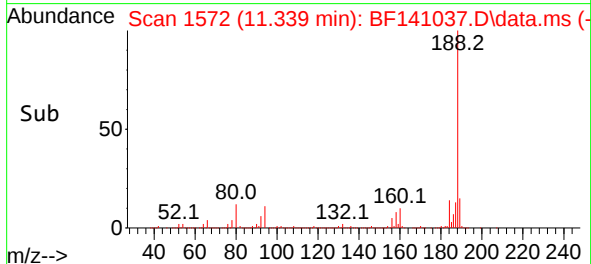
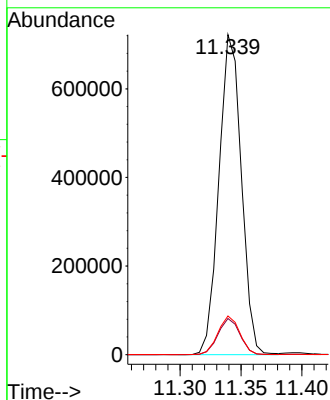
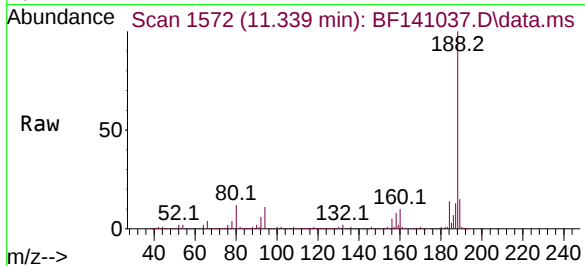




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

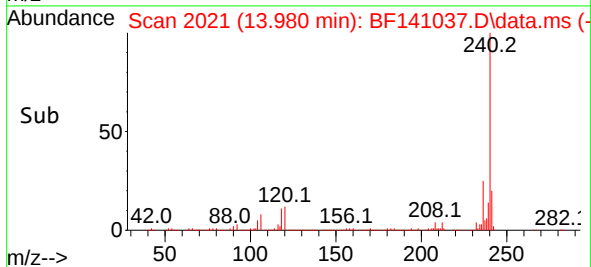
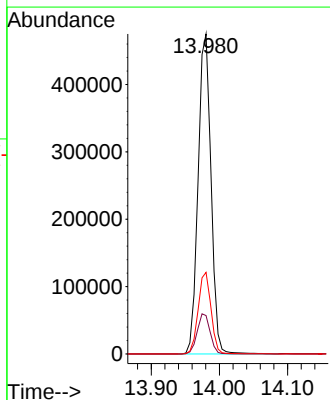
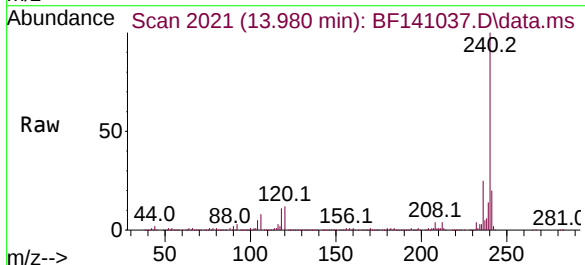
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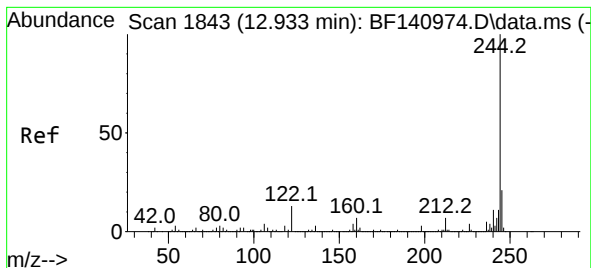
Tgt Ion:188 Resp: 925437
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.6
80 12.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141037.D
Acq: 30 Dec 2024 18:06

Tgt Ion:240 Resp: 625287
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 99.916 ng

RT: 12.933 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Instrument :

BNA_F

ClientSampleId :

MOO-24-00395-96

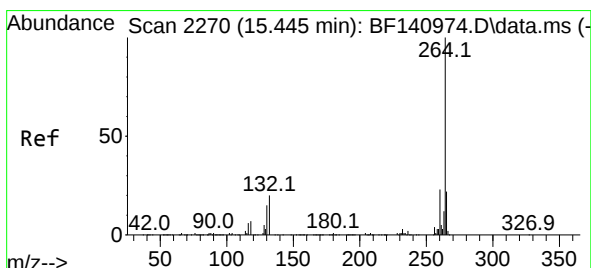
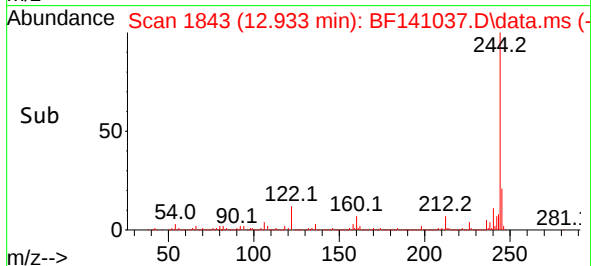
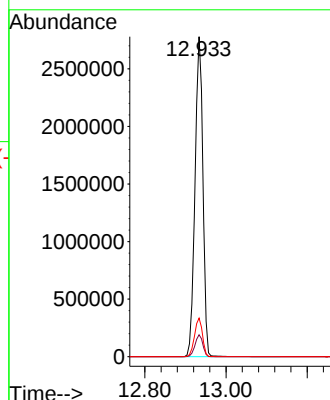
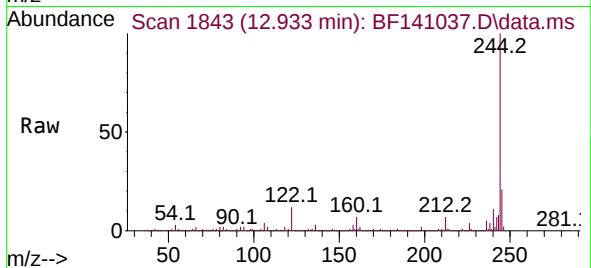
Tgt Ion:244 Resp: 3761383

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 12.1 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF141037.D

Acq: 30 Dec 2024 18:06

Tgt Ion:264 Resp: 502783

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.7 17.4 26.2

