

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141091.D
 Acq On : 08 Jan 2025 18:30
 Operator : RC/JU
 Sample : Q1034-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jan 09 00:03:29 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	213673	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	845325	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	447125	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	742124	20.000	ng	0.00
76) Chrysene-d12	13.980	240	458722	20.000	ng	0.00
86) Perylene-d12	15.445	264	486448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1505186	106.185	ng	0.00
7) Phenol-d6	6.451	99	2041618	111.804	ng	0.00
23) Nitrobenzene-d5	7.386	82	1317642	99.725	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	519848	119.650	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2421207	86.275	ng	0.00
79) Terphenyl-d14	12.933	244	2733984	98.995	ng	0.00

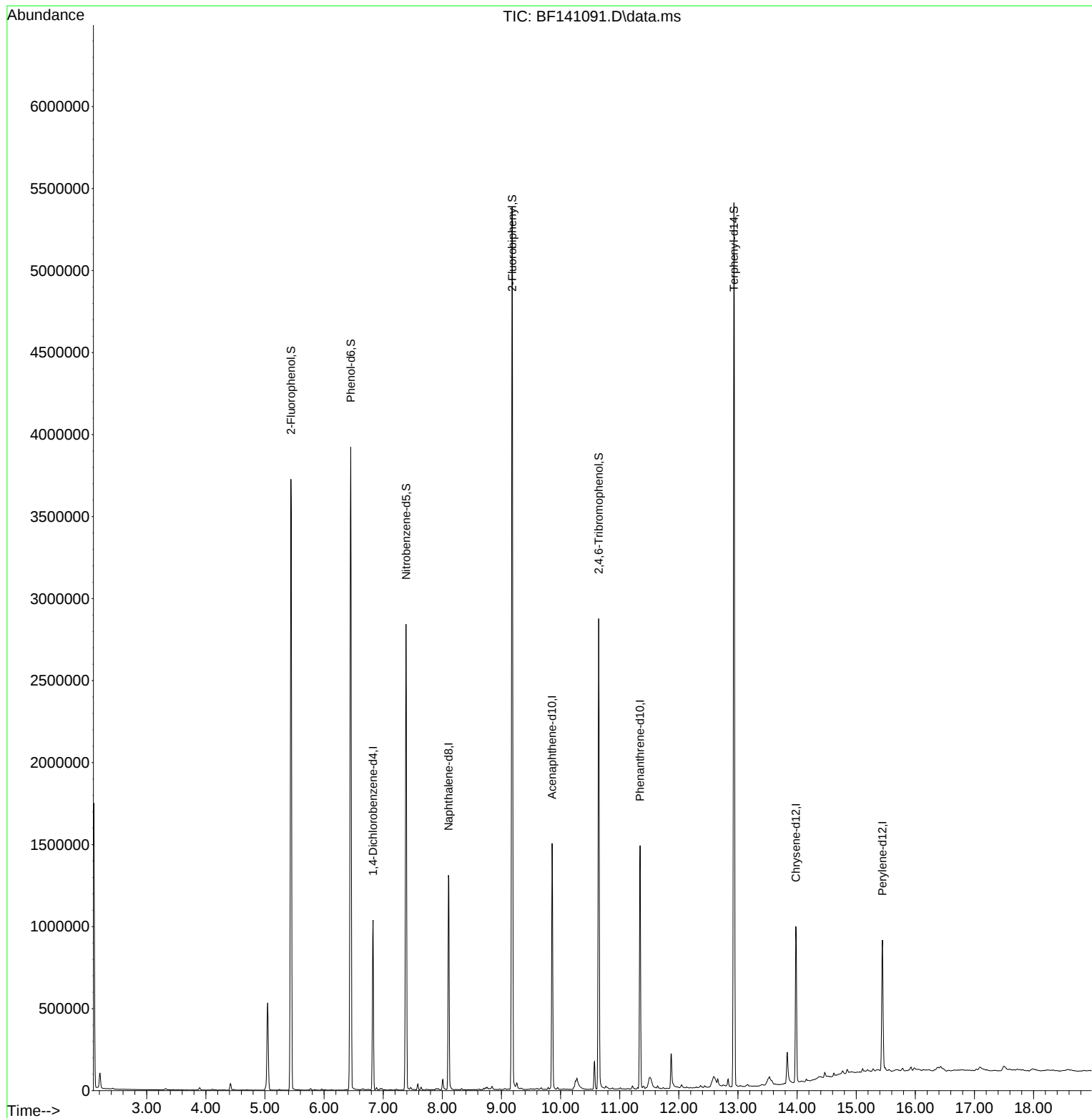
Target Compounds	Qvalue

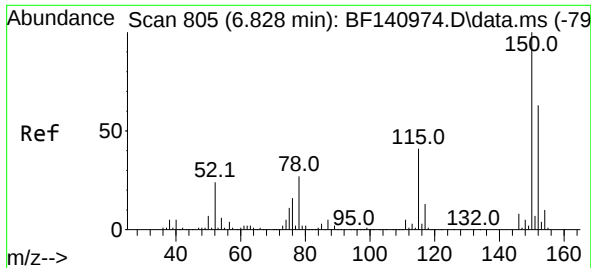
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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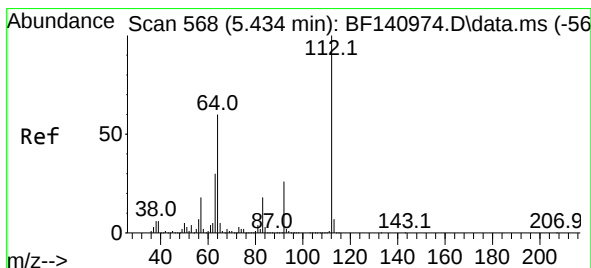
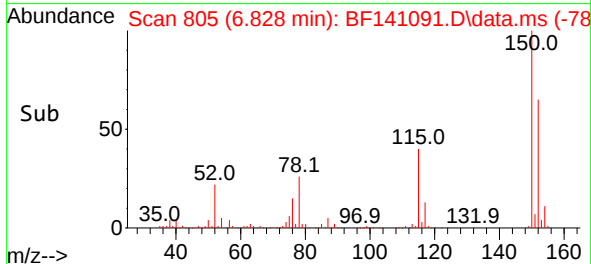
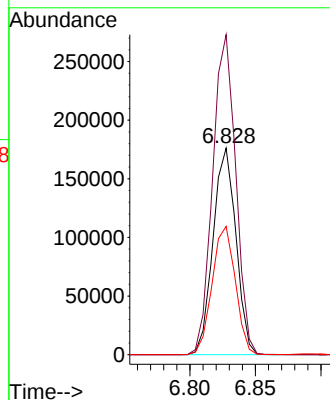
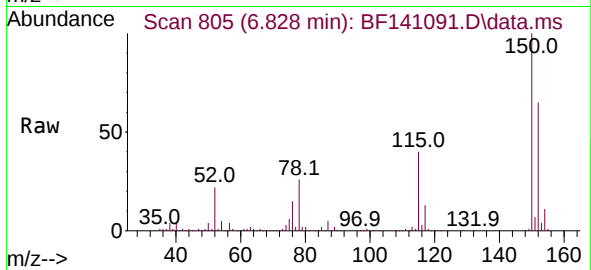




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF141091.D
Acq: 08 Jan 2025 18:30

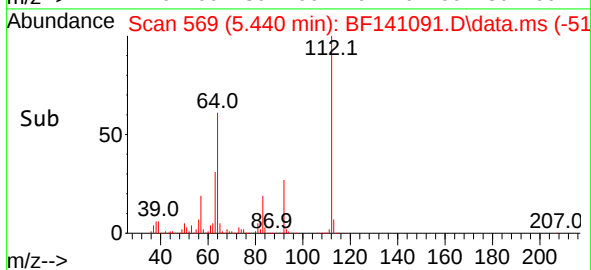
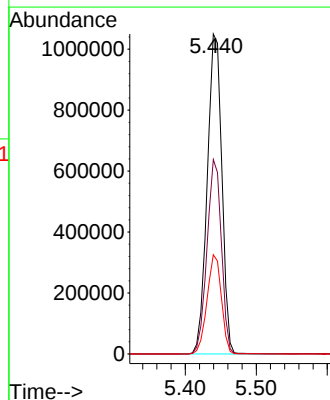
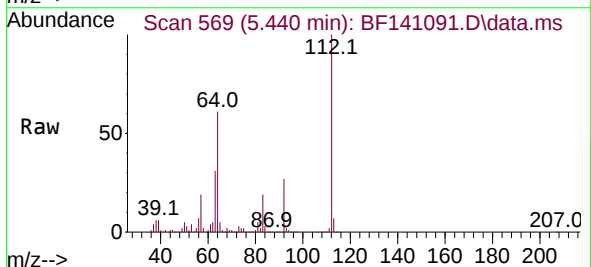
Instrument :
BNA_F
ClientSampleId :
COMP-2

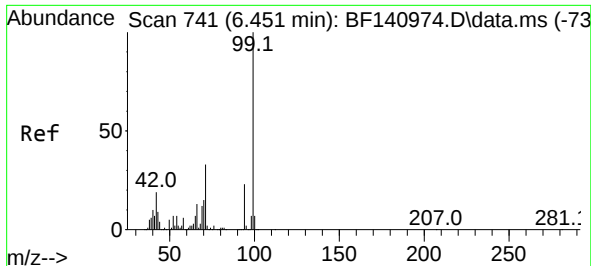
Tgt Ion:152 Resp: 213673
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 62.1 51.7 77.5



#5
2-Fluorophenol
Concen: 106.185 ng
RT: 5.440 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF141091.D
Acq: 08 Jan 2025 18:30

Tgt Ion:112 Resp: 1505186
Ion Ratio Lower Upper
112 100
64 60.7 47.7 71.5
63 31.0 24.2 36.2

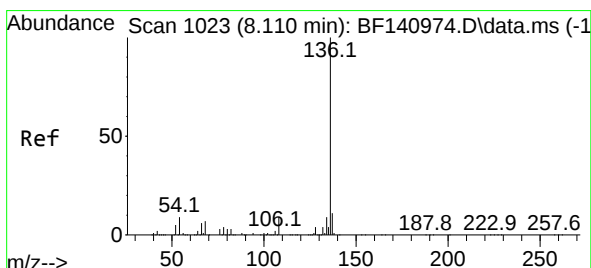
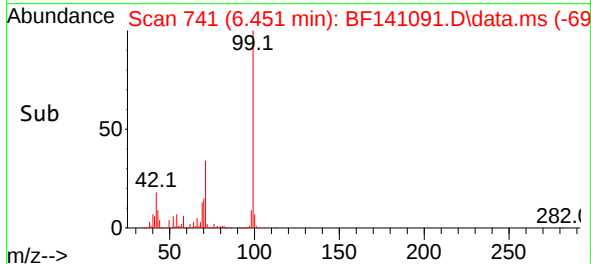
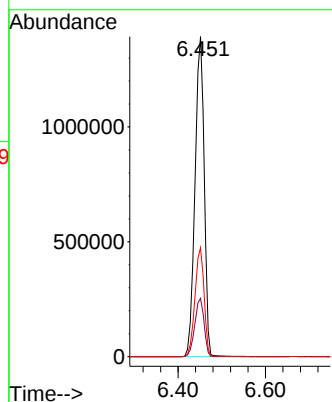
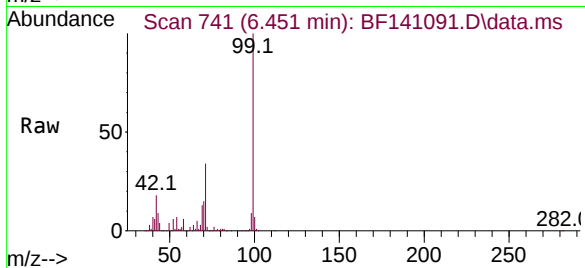




#7
Phenol-d6
Concen: 111.804 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141091.D
Acq: 08 Jan 2025 18:30

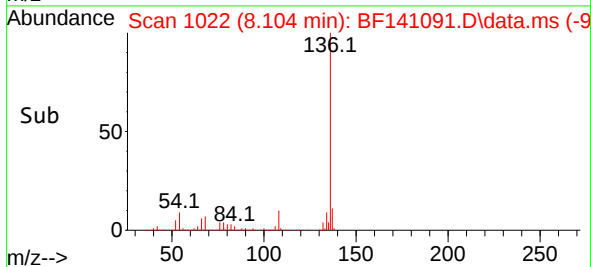
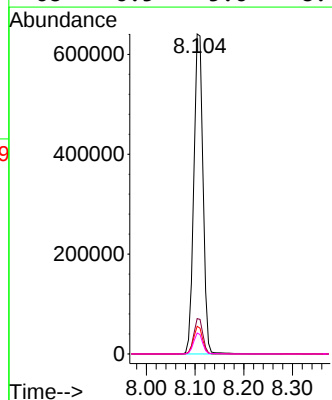
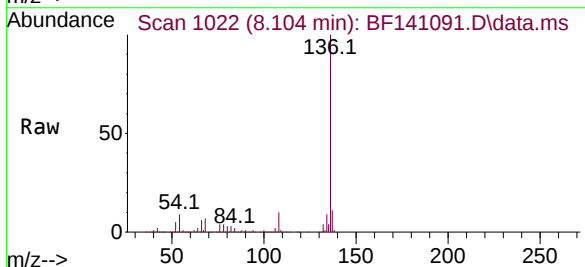
Instrument :
BNA_F
ClientSampleId :
COMP-2

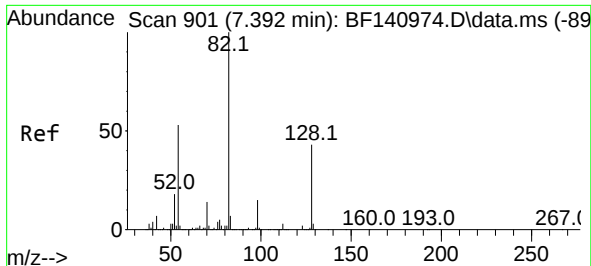
Tgt Ion: 99 Resp: 2041618
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 34.0 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141091.D
Acq: 08 Jan 2025 18:30

Tgt Ion:136 Resp: 845325
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.6 11.4
68 6.5 5.6 8.4





#23

Nitrobenzene-d5

Concen: 99.725 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141091.D

Acq: 08 Jan 2025 18:30

Instrument :

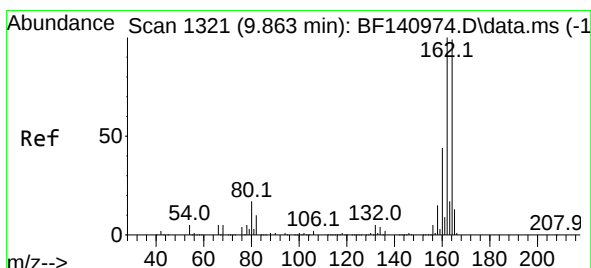
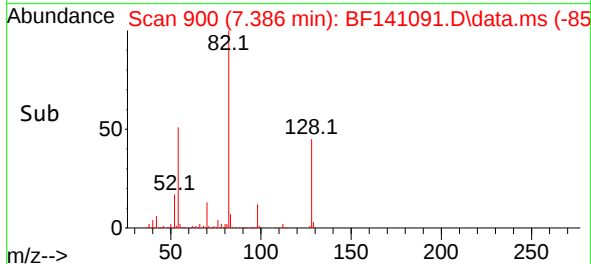
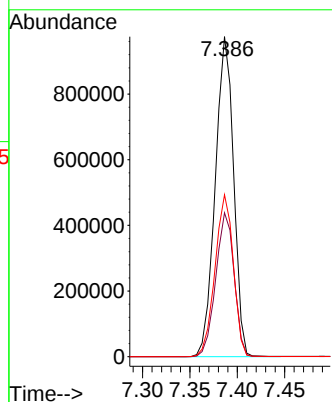
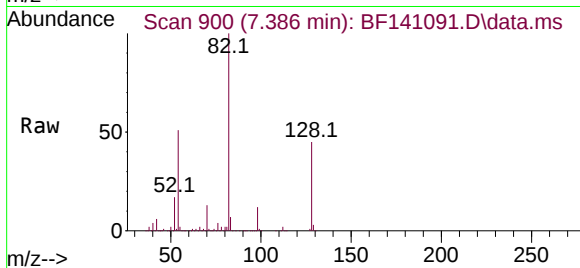
BNA_F

ClientSampleId :

COMP-2

Tgt Ion: 82 Resp: 1317642

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.4	51.6
54	50.6	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1320

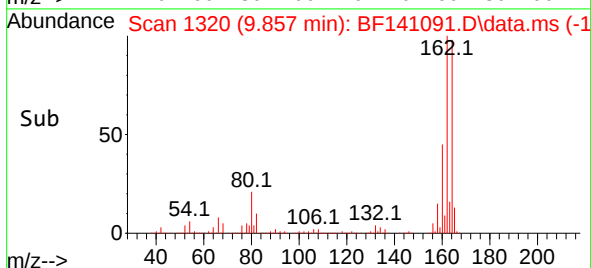
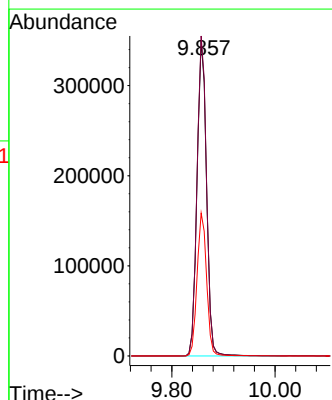
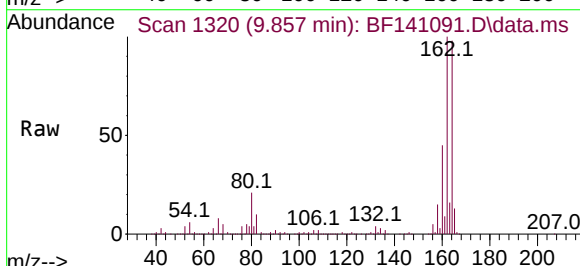
Delta R.T. -0.006 min

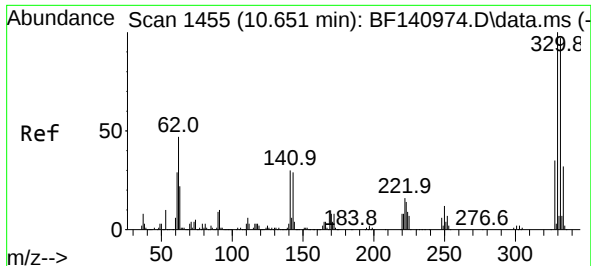
Lab File: BF141091.D

Acq: 08 Jan 2025 18:30

Tgt Ion: 164 Resp: 447125

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.3	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 119.650 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141091.D

Acq: 08 Jan 2025 18:30

Instrument :

BNA_F

ClientSampleId :

COMP-2

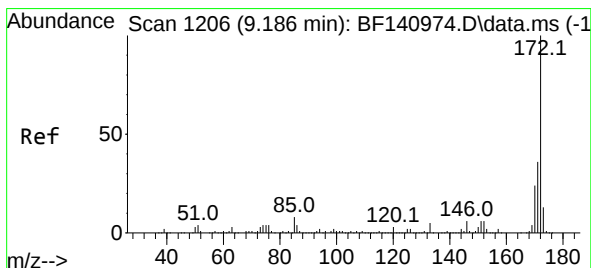
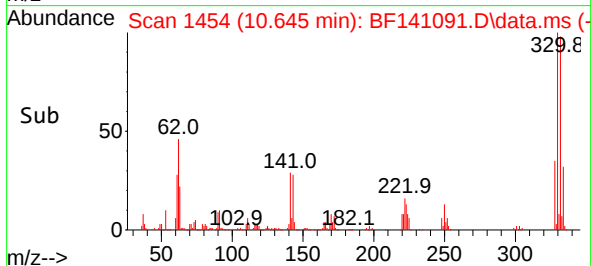
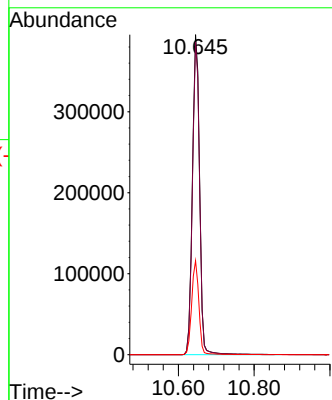
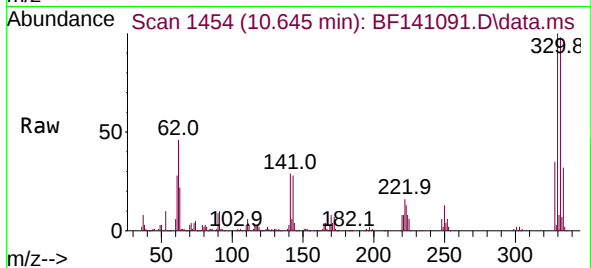
Tgt Ion:330 Resp: 519848

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 29.6 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 86.275 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141091.D

Acq: 08 Jan 2025 18:30

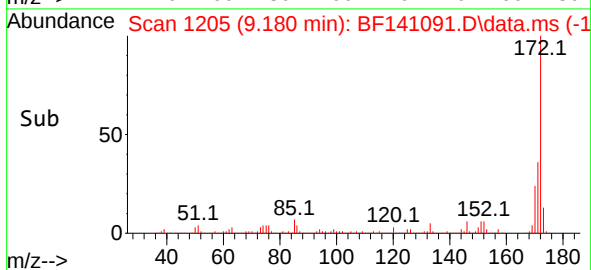
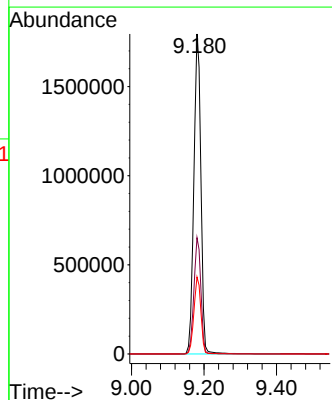
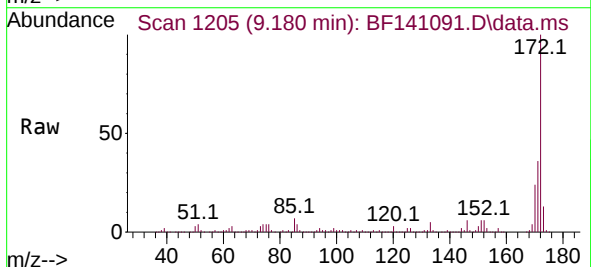
Tgt Ion:172 Resp: 2421207

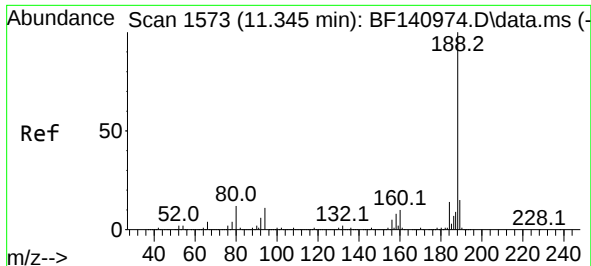
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

170 24.0 19.6 29.4

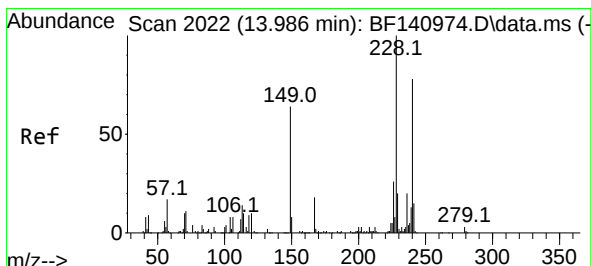
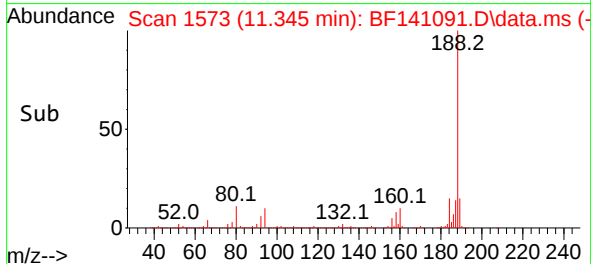
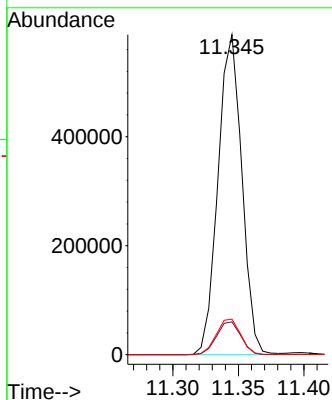
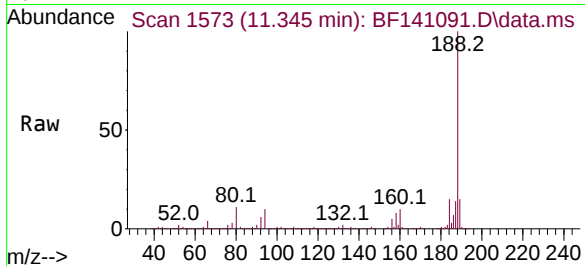




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141091.D
Acq: 08 Jan 2025 18:30

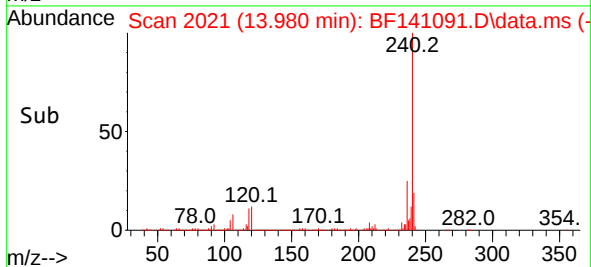
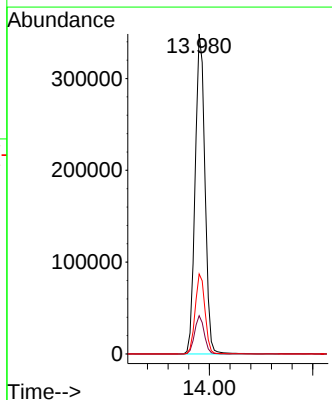
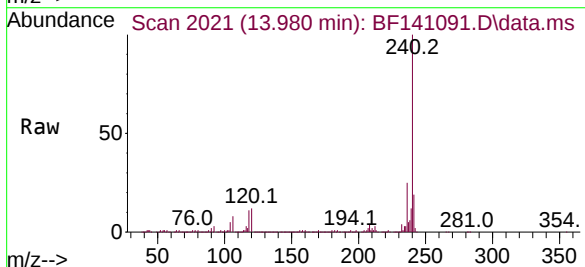
Instrument :
BNA_F
ClientSampleId :
COMP-2

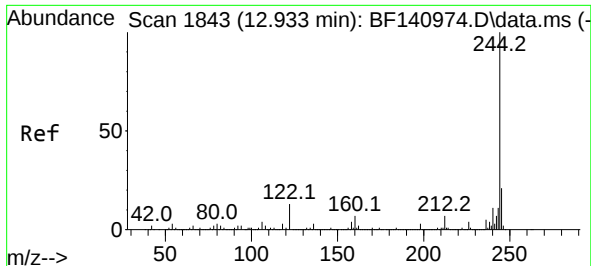
Tgt Ion:188 Resp: 742124
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.6
80 11.1 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141091.D
Acq: 08 Jan 2025 18:30

Tgt Ion:240 Resp: 458722
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 25.0 20.6 31.0

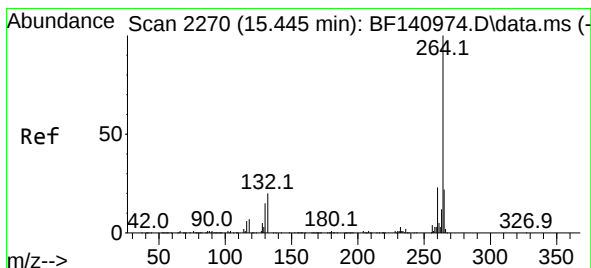
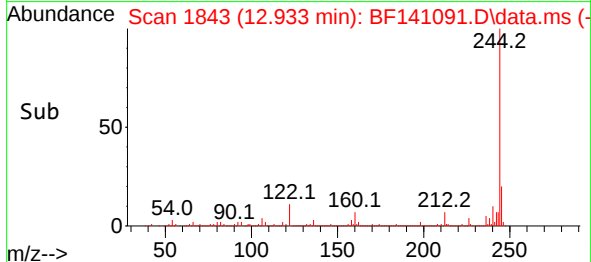
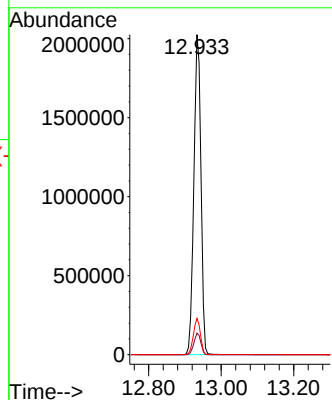
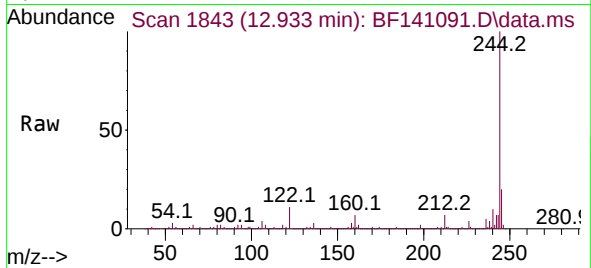




#79
 Terphenyl-d14
 Concen: 98.995 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141091.D
 Acq: 08 Jan 2025 18:30

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Tgt Ion:244 Resp: 2733984
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 11.4 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF141091.D
 Acq: 08 Jan 2025 18:30

Tgt Ion:264 Resp: 486448
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 21.6 17.4 26.2

