

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
 Data File : BF141080.D
 Acq On : 08 Jan 2025 13:31
 Operator : RC/JU
 Sample : PB165980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165980BL

Quant Time: Jan 08 14:05:49 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	266985	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1083393	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	593362	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	1042880	20.000	ng	0.00
76) Chrysene-d12	13.998	240	870332	20.000	ng	0.01
86) Perylene-d12	15.486	264	685518	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1990996	112.410	ng	0.01
7) Phenol-d6	6.451	99	2474352	108.445	ng	0.00
23) Nitrobenzene-d5	7.386	82	1605816	94.829	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	839658	145.629	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2887414	77.530	ng	0.00
79) Terphenyl-d14	12.939	244	3666469	69.973	ng	0.00

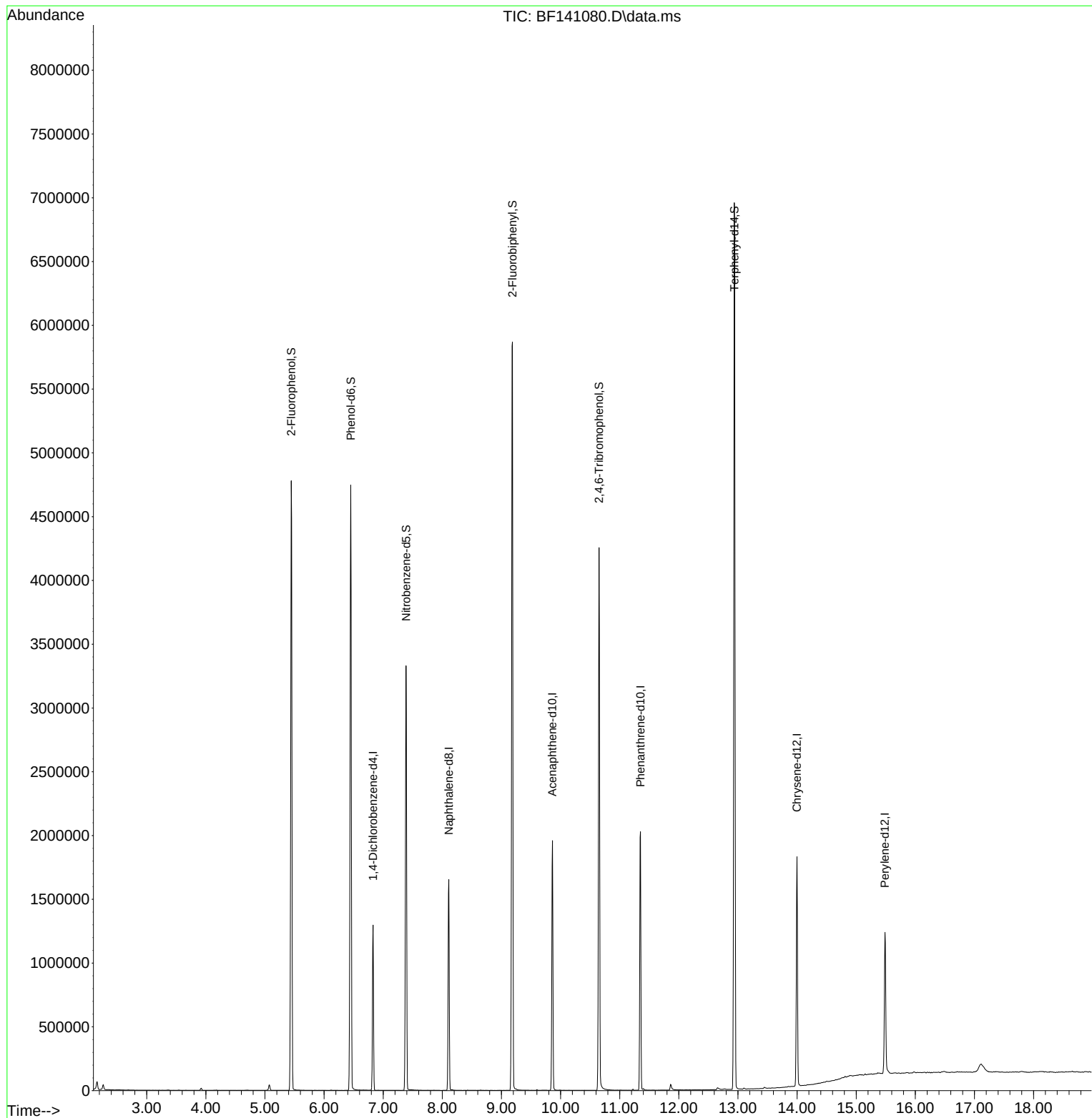
Target Compounds	Qvalue

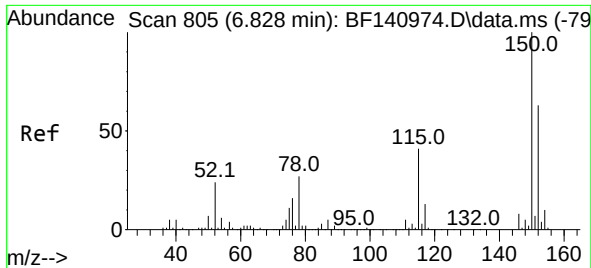
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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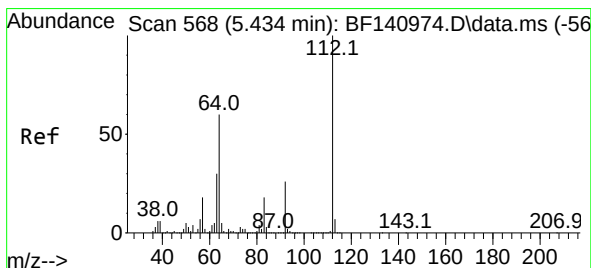
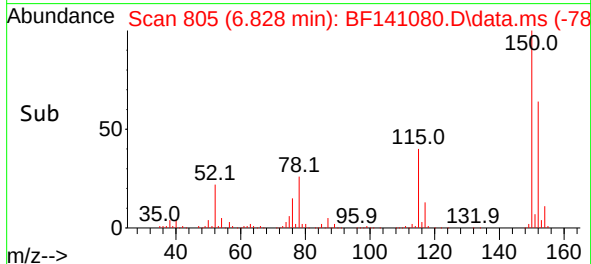
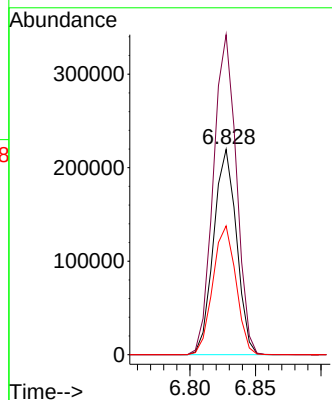
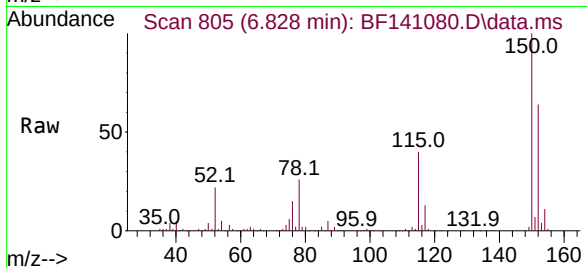




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141080.D
 Acq: 08 Jan 2025 13:31

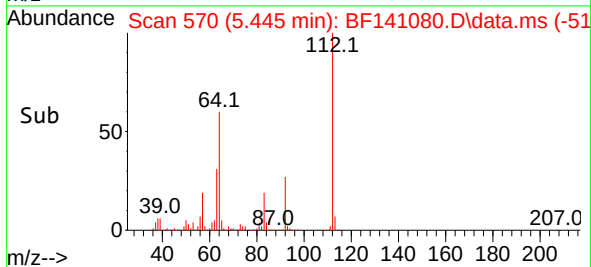
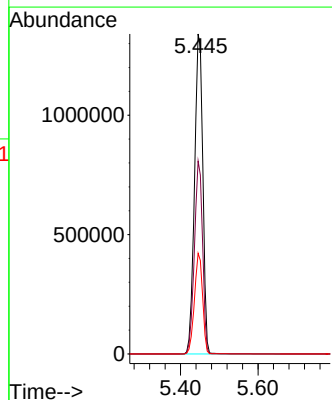
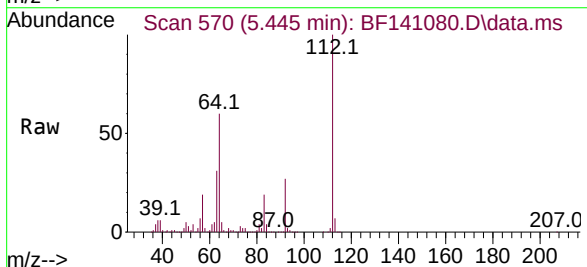
Instrument :
 BNA_F
 ClientSampleId :
 PB165980BL

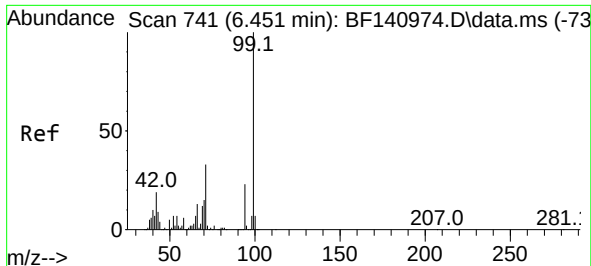
Tgt Ion:152 Resp: 266985
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.0 190.6
 115 62.8 51.7 77.5



#5
 2-Fluorophenol
 Concen: 112.410 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF141080.D
 Acq: 08 Jan 2025 13:31

Tgt Ion:112 Resp: 1990996
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.7 71.5
 63 31.5 24.2 36.2

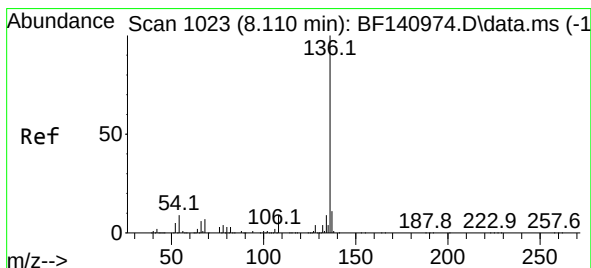
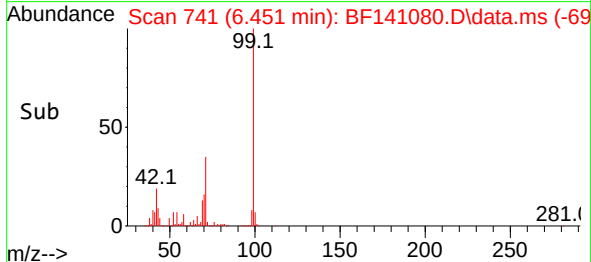
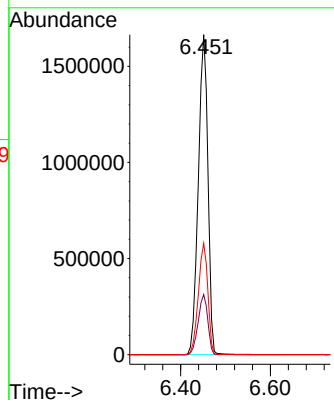
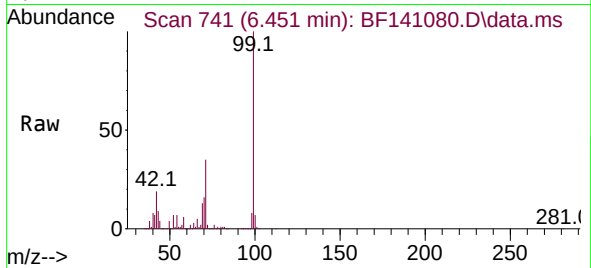




#7
Phenol-d6
Concen: 108.445 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

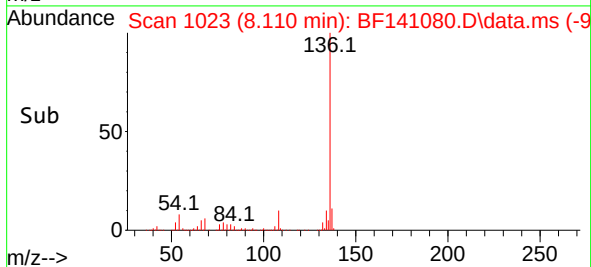
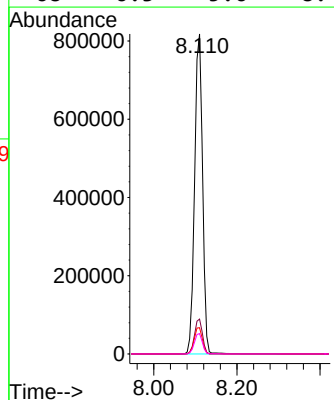
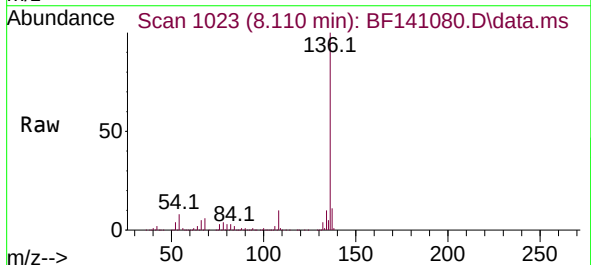
Instrument :
BNA_F
ClientSampleId :
PB165980BL

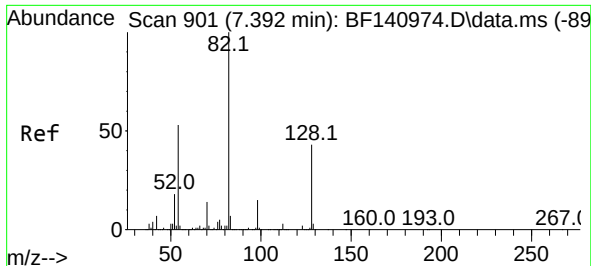
Tgt Ion: 99 Resp: 2474352
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 34.8 26.2 39.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141080.D
Acq: 08 Jan 2025 13:31

Tgt Ion:136 Resp: 1083393
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.2 7.6 11.4
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 94.829 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

Instrument :

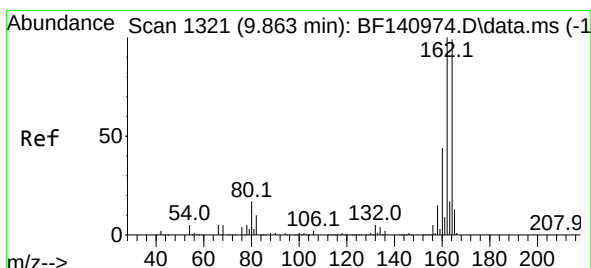
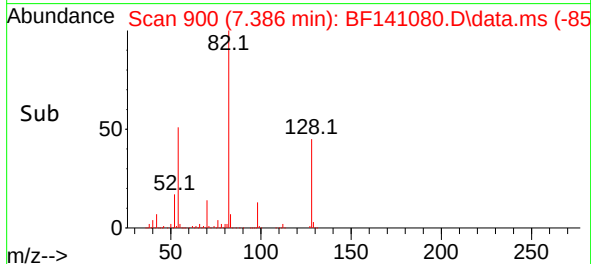
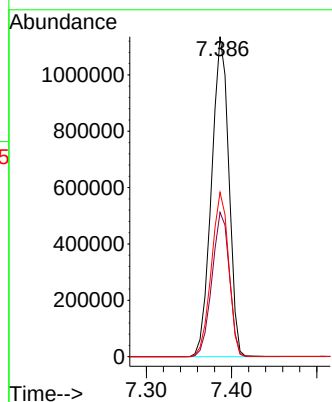
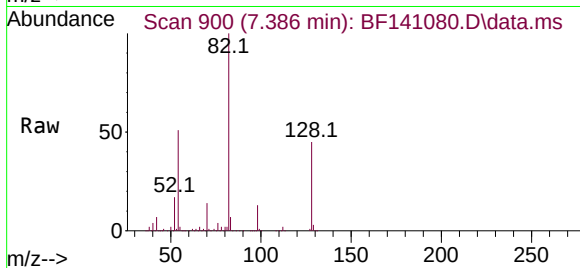
BNA_F

ClientSampleId :

PB165980BL

Tgt Ion: 82 Resp: 1605816

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.4	51.6
54	51.4	42.4	63.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

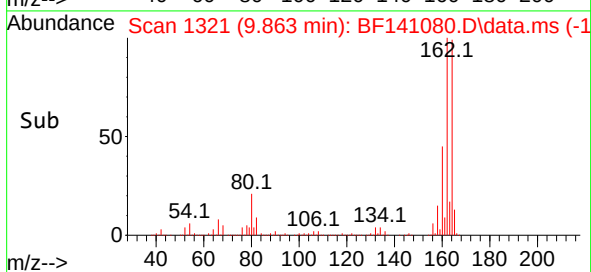
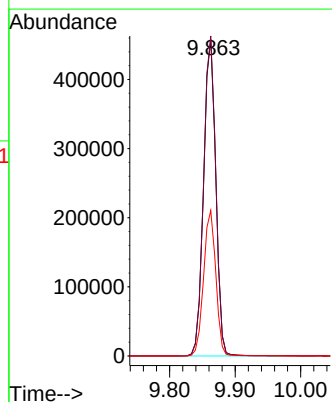
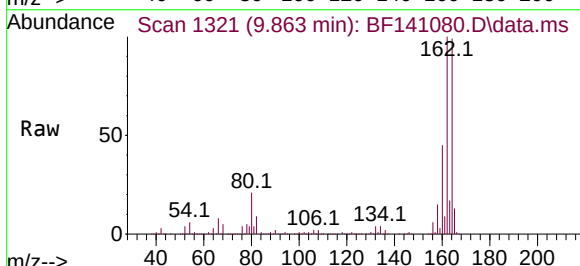
Delta R.T. -0.000 min

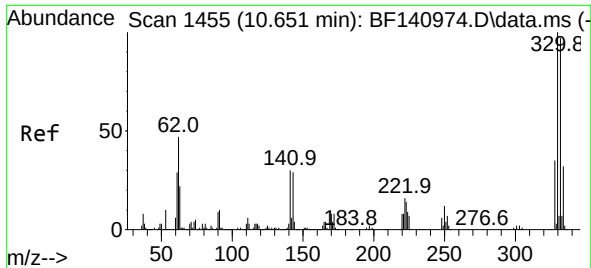
Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

Tgt Ion: 164 Resp: 593362

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	120.8
160	46.0	35.7	53.5

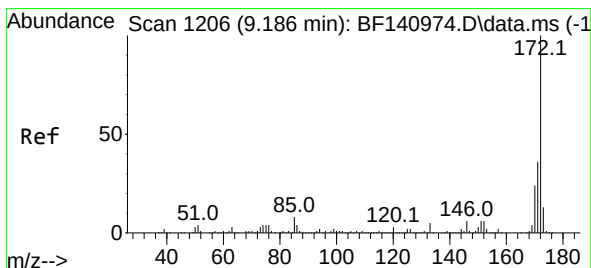
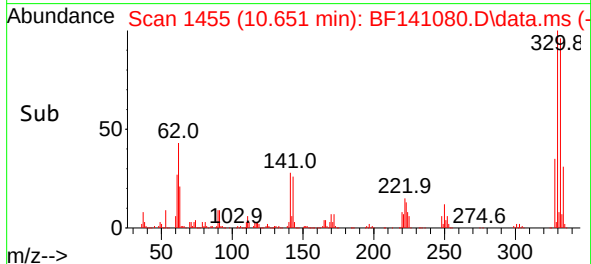
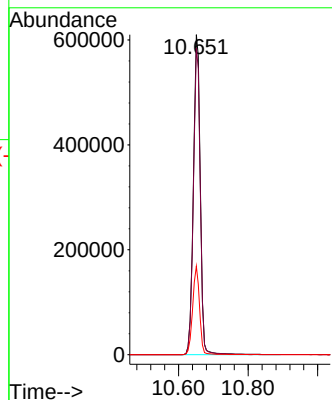
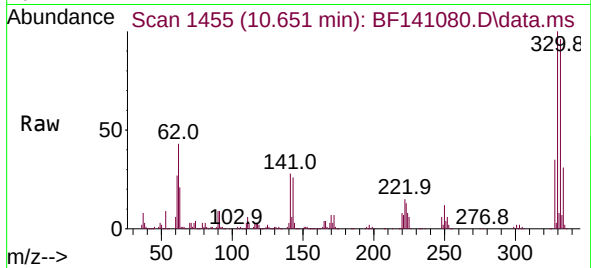




#42
 2,4,6-Tribromophenol
 Concen: 145.629 ng
 RT: 10.651 min Scan# 1455
 Delta R.T. -0.000 min
 Lab File: BF141080.D
 Acq: 08 Jan 2025 13:31

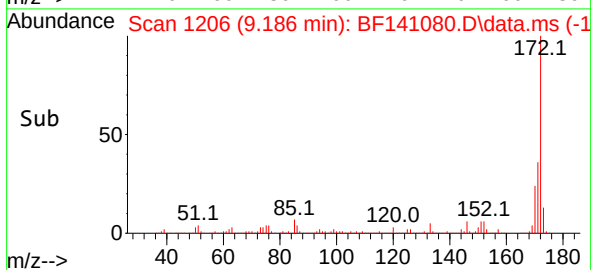
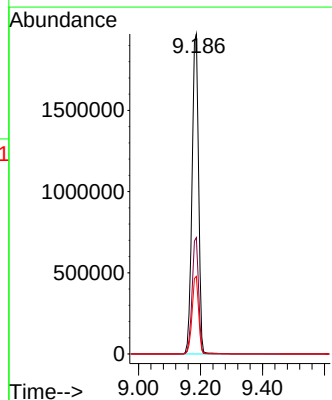
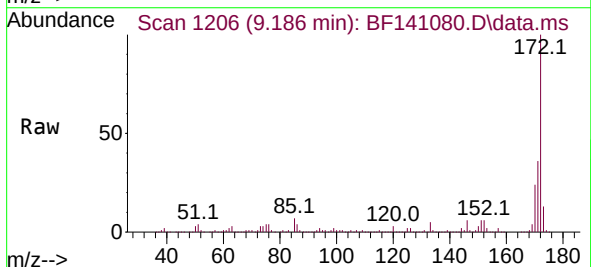
Instrument :
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 ClientSampleId :
 PB165980BL

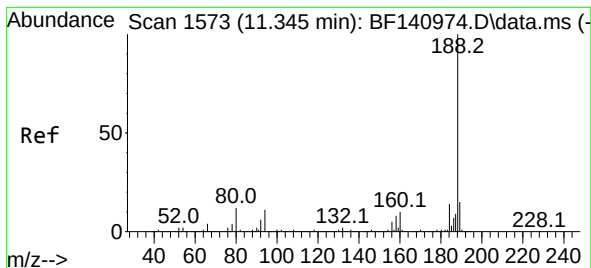
Tgt Ion:330 Resp: 839658
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 27.7 26.4 39.6



#45
 2-Fluorobiphenyl
 Concen: 77.530 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. -0.000 min
 Lab File: BF141080.D
 Acq: 08 Jan 2025 13:31

Tgt Ion:172 Resp: 2887414
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.2 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

Instrument :

BNA_F

ClientSampleId :

PB165980BL

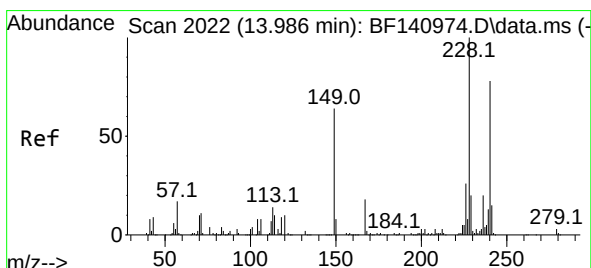
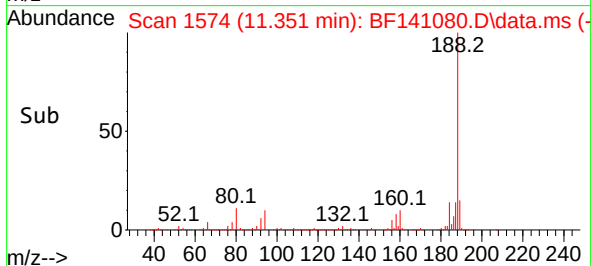
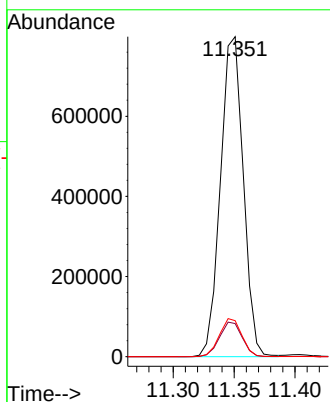
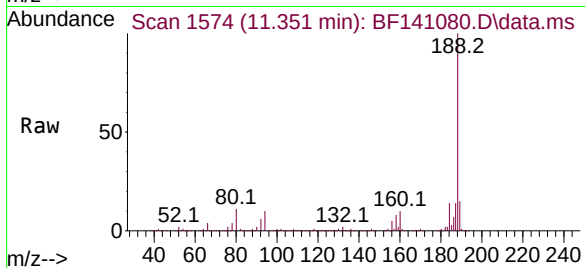
Tgt Ion:188 Resp: 1042880

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.6

80 11.2 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.012 min

Lab File: BF141080.D

Acq: 08 Jan 2025 13:31

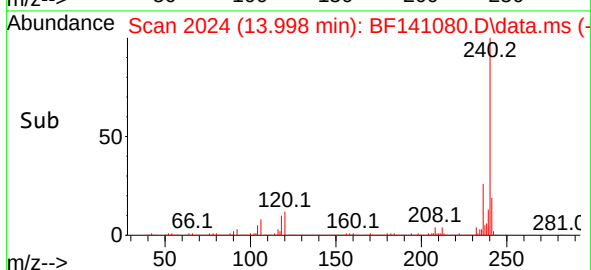
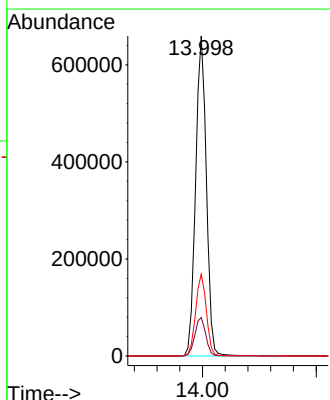
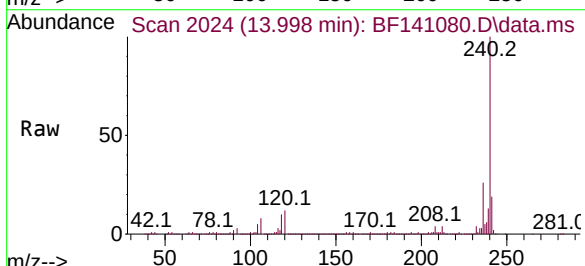
Tgt Ion:240 Resp: 870332

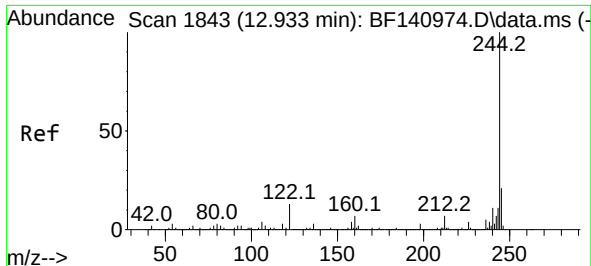
Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

236 25.5 20.6 31.0

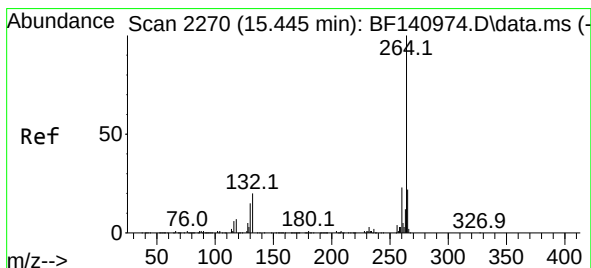
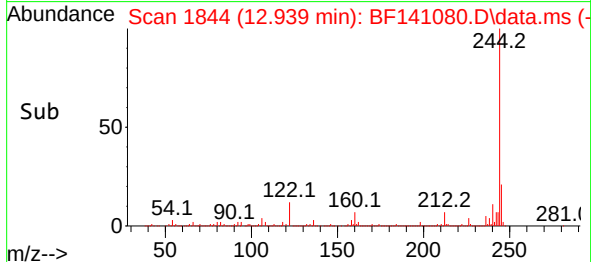
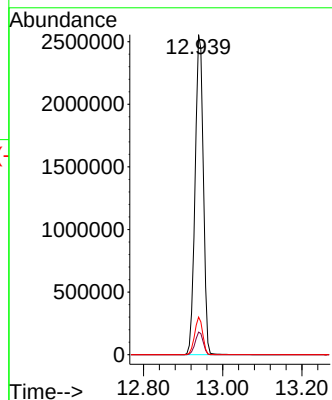
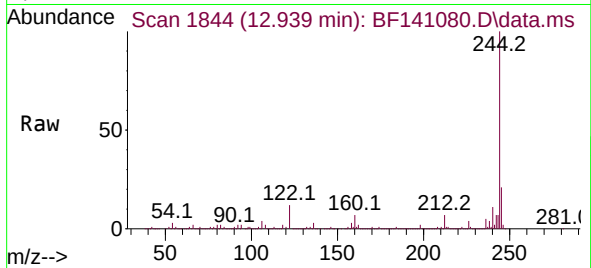




#79
 Terphenyl-d14
 Concen: 69.973 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF141080.D
 Acq: 08 Jan 2025 13:31

Instrument :
 BNA_F
 ClientSampleId :
 PB165980BL

Tgt Ion:244 Resp: 3666469
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.7 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2277
 Delta R.T. 0.041 min
 Lab File: BF141080.D
 Acq: 08 Jan 2025 13:31

Tgt Ion:264 Resp: 685518
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.7 17.4 26.2

