

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141184.D
 Acq On : 16 Jan 2025 14:40
 Operator : RC/JU
 Sample : PB166033BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166033BL

Quant Time: Jan 16 15:00:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	146806	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	597756	20.000	ng	-0.01
39) Acenaphthene-d10	9.851	164	330061	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	578652	20.000	ng	0.00
76) Chrysene-d12	13.980	240	443355	20.000	ng	0.00
86) Perylene-d12	15.439	264	355863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	942243	99.150	ng	0.00
7) Phenol-d6	6.434	99	1190909	98.931	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1118563	99.193	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	367389	97.688	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	2125742	98.349	ng	0.00
79) Terphenyl-d14	12.933	244	2651403	88.886	ng	0.00

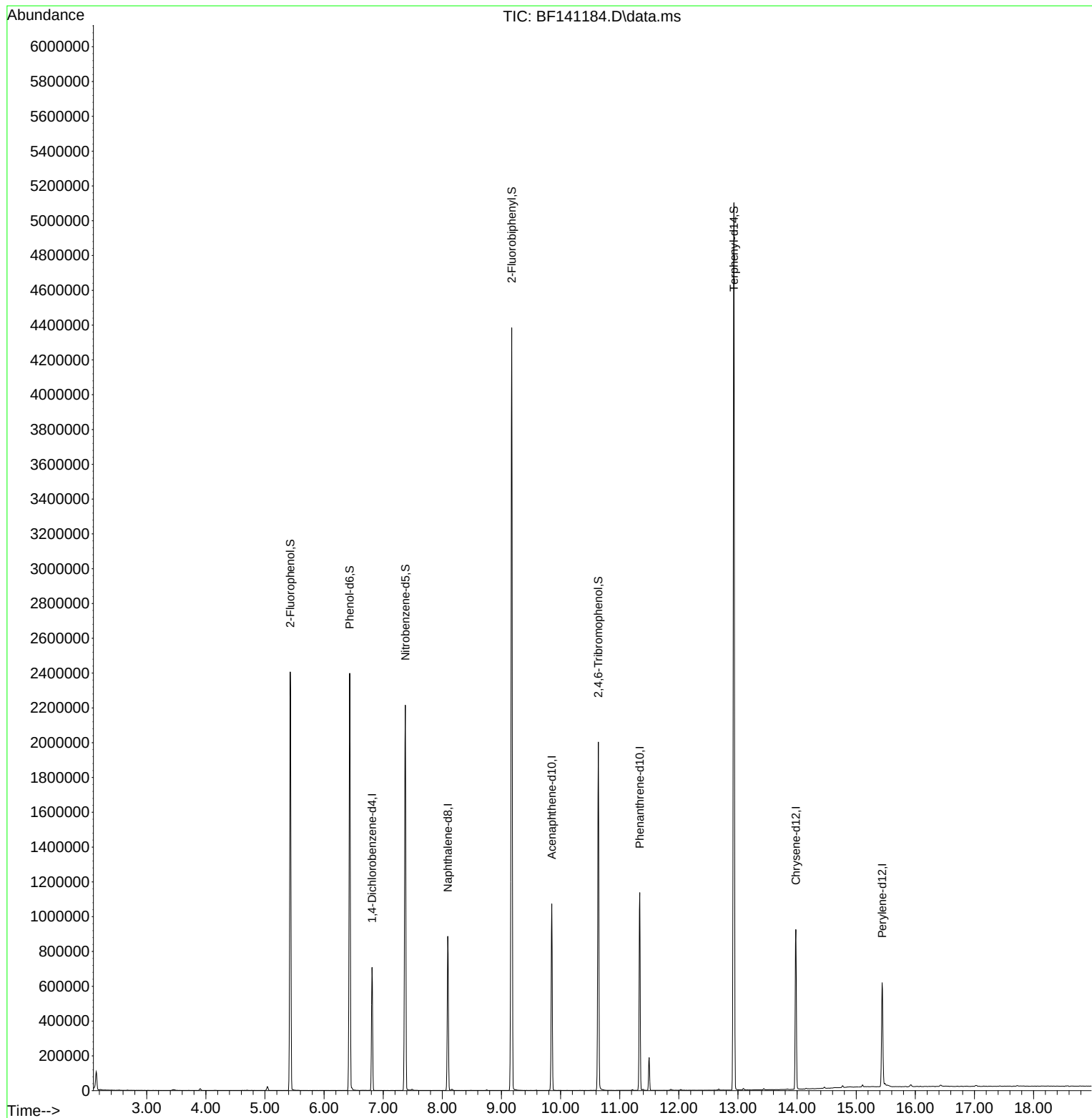
Target Compounds	Qvalue

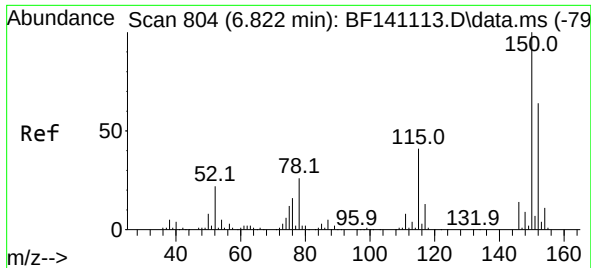
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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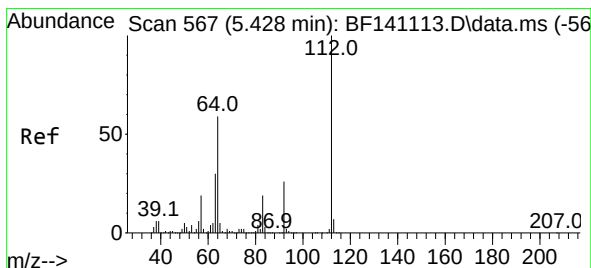
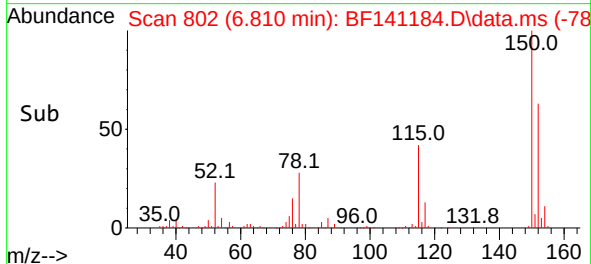
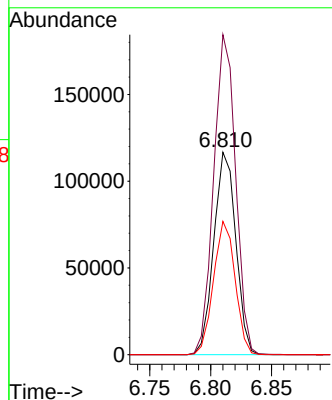
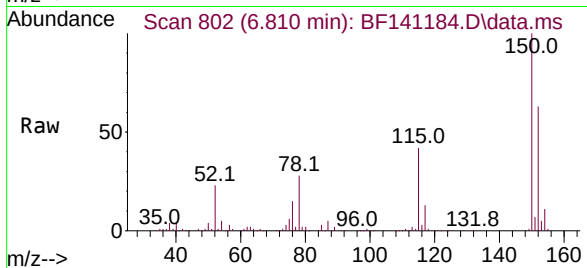




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF141184.D
Acq: 16 Jan 2025 14:40

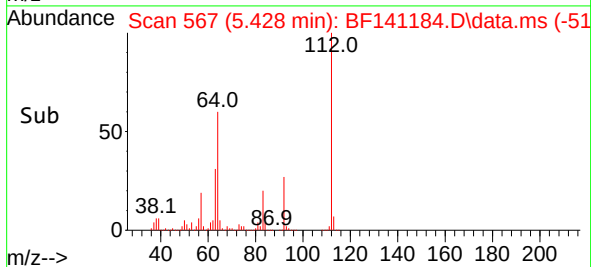
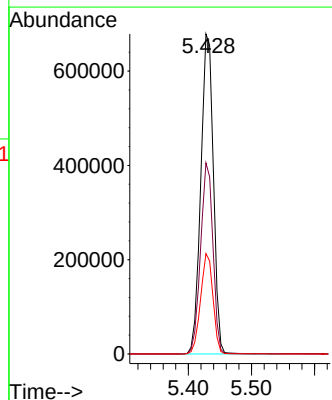
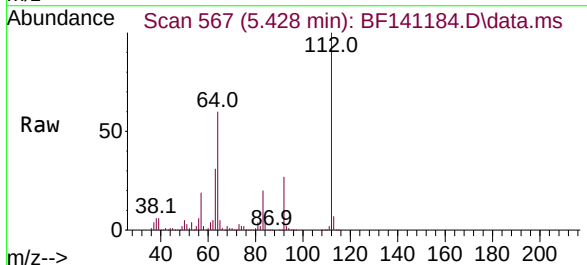
Instrument :
BNA_F
ClientSampleId :
PB166033BL

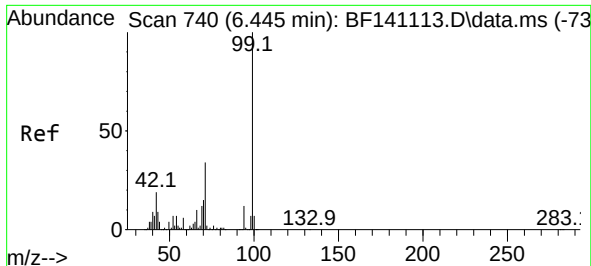
Tgt Ion:152 Resp: 146806
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.8
115 65.9 51.4 77.2



#5
2-Fluorophenol
Concen: 99.150 ng
RT: 5.428 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF141184.D
Acq: 16 Jan 2025 14:40

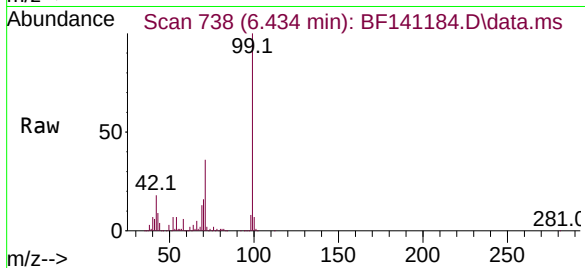
Tgt Ion:112 Resp: 942243
Ion Ratio Lower Upper
112 100
64 59.7 47.3 70.9
63 31.3 24.2 36.2





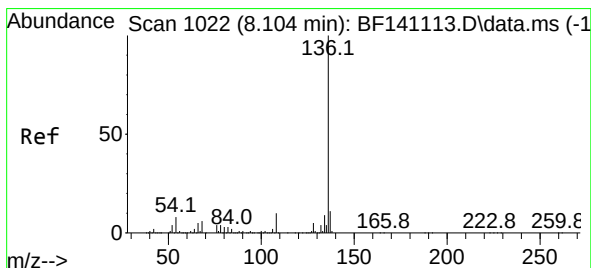
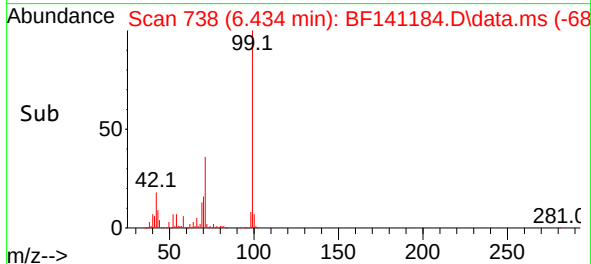
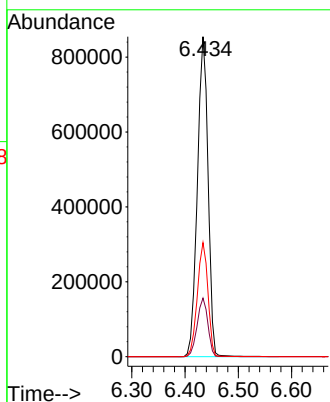
#7
Phenol-d6
Concen: 98.931 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141184.D
Acq: 16 Jan 2025 14:40

Instrument :
BNA_F
ClientSampleId :
PB166033BL



Tgt Ion: 99 Resp: 1190909

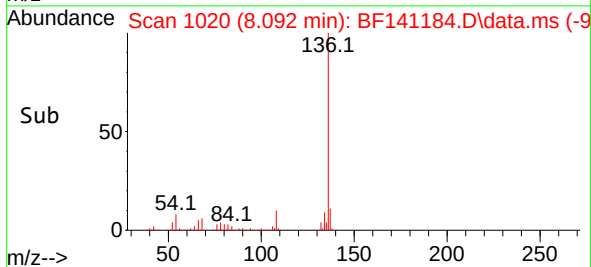
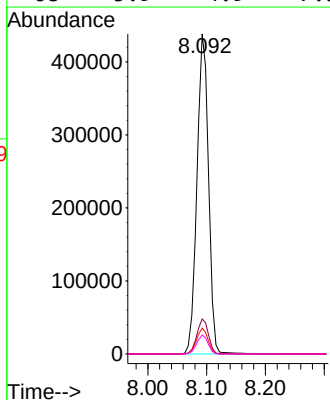
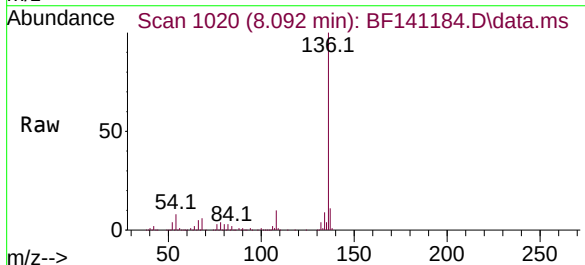
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.4
71	35.7	27.6	41.4

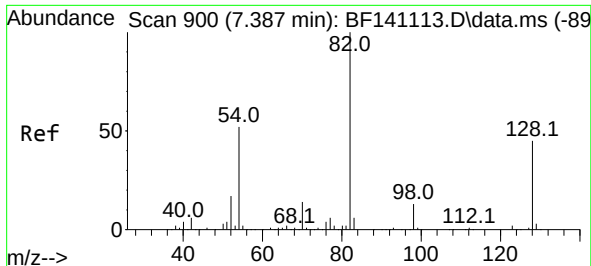


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF141184.D
Acq: 16 Jan 2025 14:40

Tgt Ion: 136 Resp: 597756

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.1	6.3	9.5
68	5.9	4.9	7.3





#23

Nitrobenzene-d5

Concen: 99.193 ng

RT: 7.375 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141184.D

Acq: 16 Jan 2025 14:40

Instrument :

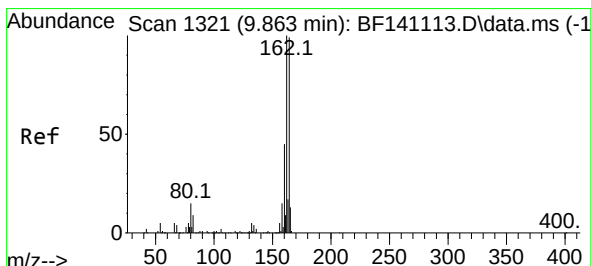
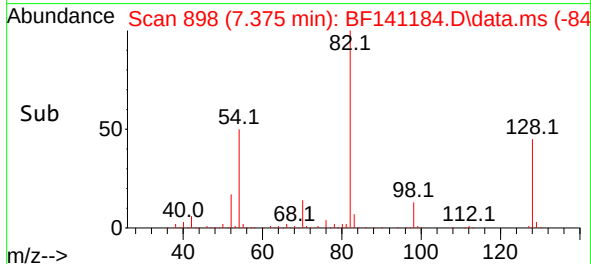
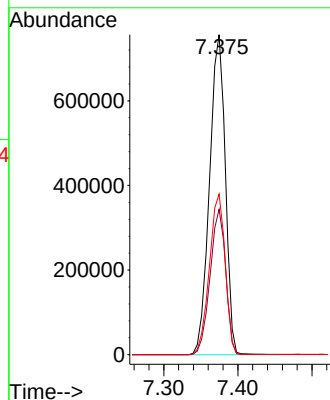
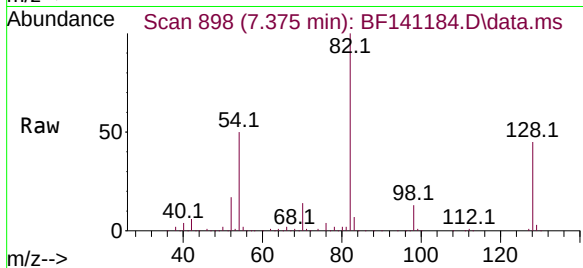
BNA_F

ClientSampleId :

PB166033BL

Tgt Ion: 82 Resp: 1118563

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	50.2	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1319

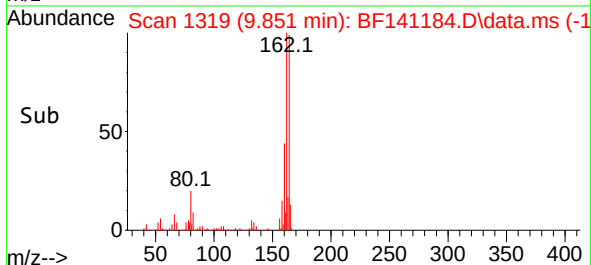
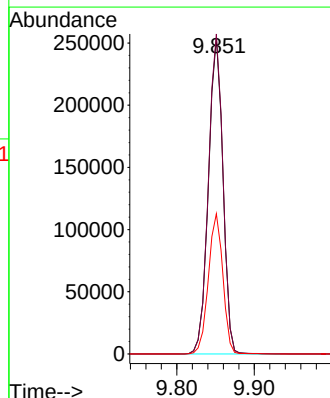
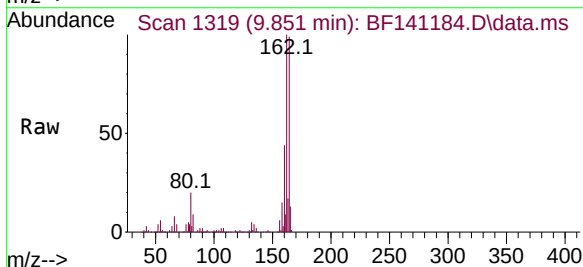
Delta R.T. -0.012 min

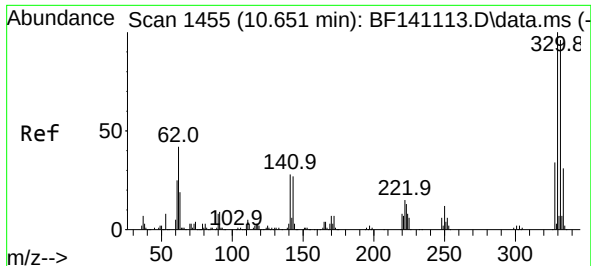
Lab File: BF141184.D

Acq: 16 Jan 2025 14:40

Tgt Ion:164 Resp: 330061

Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.0	121.4
160	44.4	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 97.688 ng

RT: 10.639 min Scan# 1455

Delta R.T. -0.012 min

Lab File: BF141184.D

Acq: 16 Jan 2025 14:40

Instrument :

BNA_F

ClientSampleId :

PB166033BL

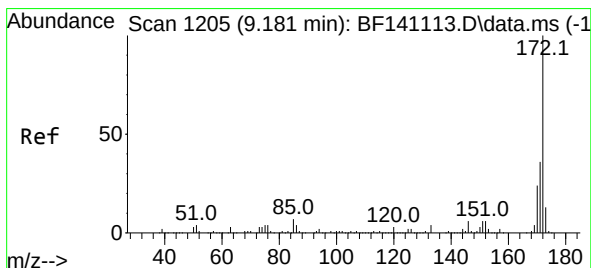
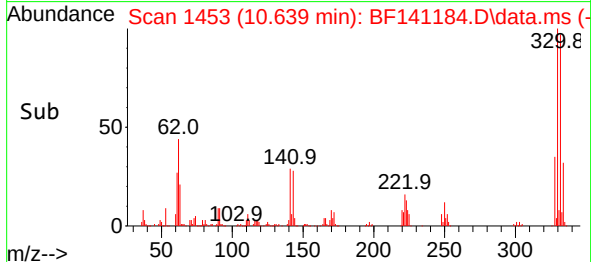
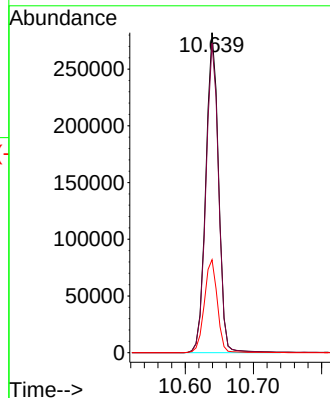
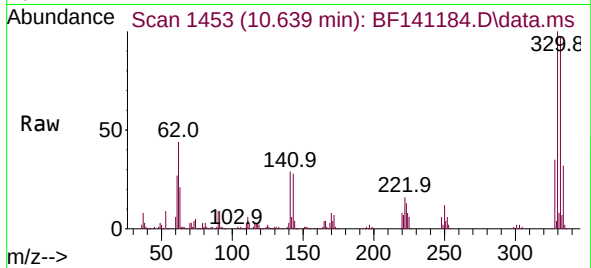
Tgt Ion:330 Resp: 367389

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 29.7 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 98.349 ng

RT: 9.175 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF141184.D

Acq: 16 Jan 2025 14:40

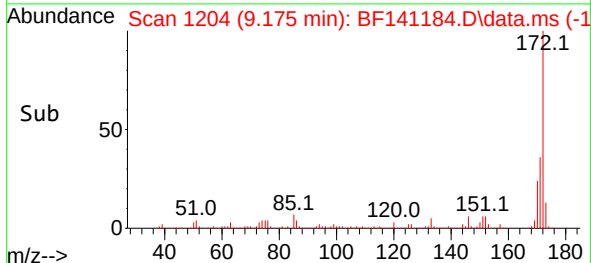
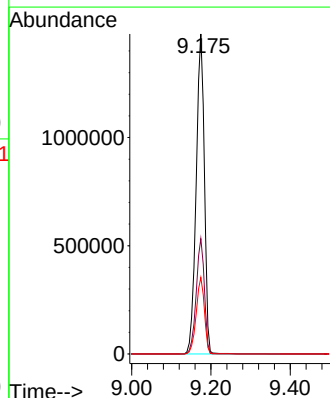
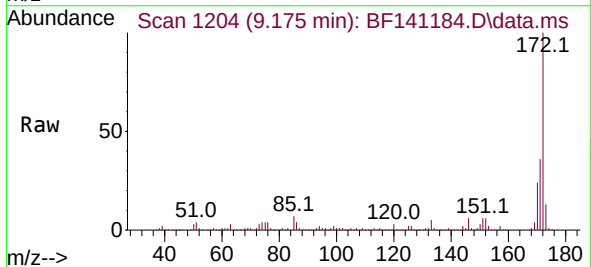
Tgt Ion:172 Resp: 2125742

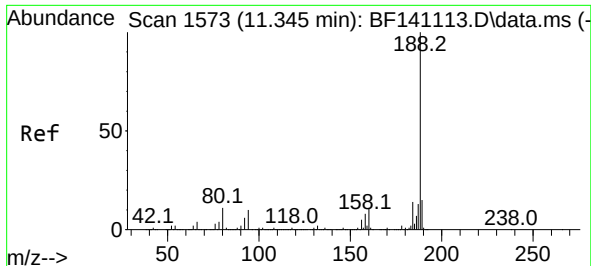
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.9 19.0 28.6

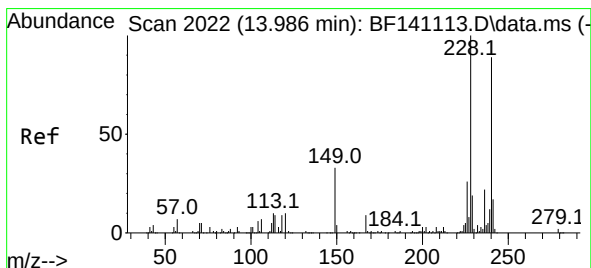
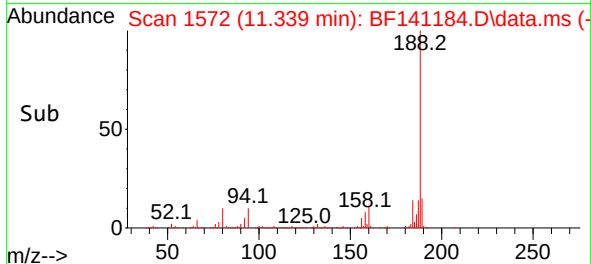
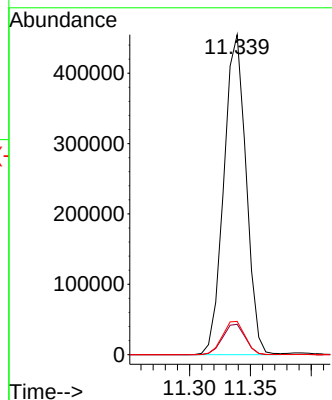
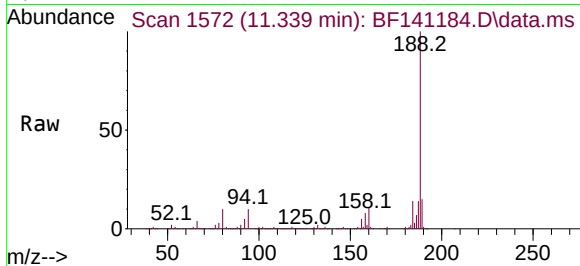




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141184.D
Acq: 16 Jan 2025 14:40

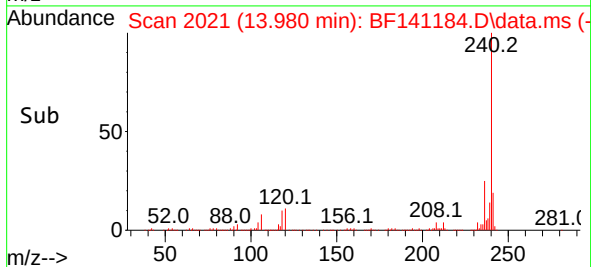
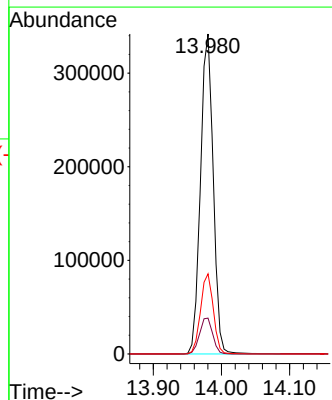
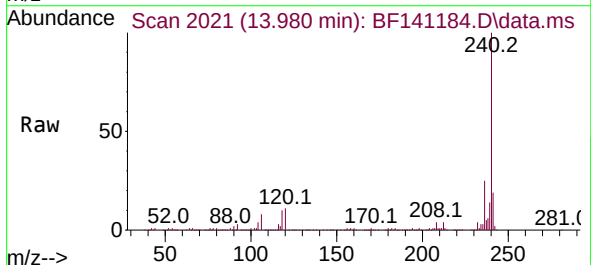
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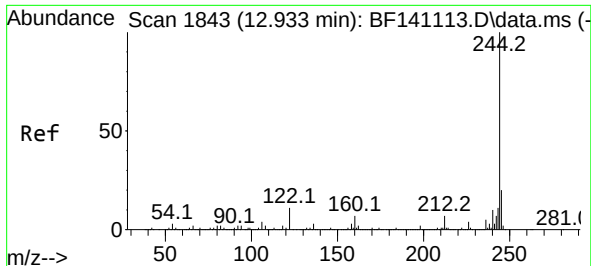
Tgt Ion:188 Resp: 578652
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141184.D
Acq: 16 Jan 2025 14:40

Tgt Ion:240 Resp: 443355
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.1 19.8 29.6

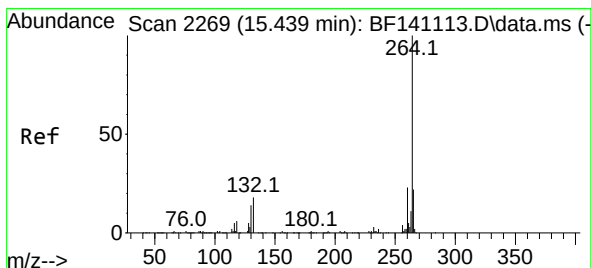
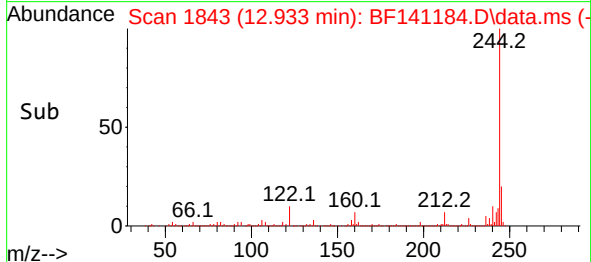
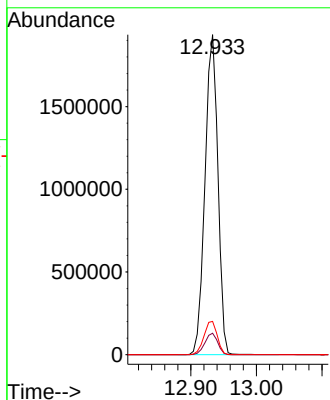
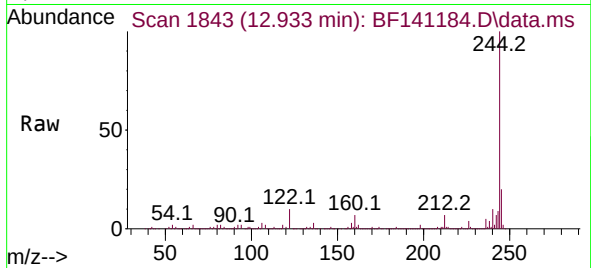




#79
 Terphenyl-d14
 Concen: 88.886 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141184.D
 Acq: 16 Jan 2025 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB166033BL

Tgt Ion:244 Resp: 2651403
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF141184.D
 Acq: 16 Jan 2025 14:40

Tgt Ion:264 Resp: 355863
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.5 17.4 26.0

