

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141148.D
 Acq On : 14 Jan 2025 16:27
 Operator : RC/JU
 Sample : Q1074-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HACKENSACK-DGA

Quant Time: Jan 14 16:51:52 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	6.822	152	151006	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	602985	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	332209	20.000	ng	-0.01
64) Phenanthrene-d10	11.339	188	582623	20.000	ng	0.00
76) Chrysene-d12	13.980	240	465306	20.000	ng	0.00
86) Perylene-d12	15.445	264	370943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1427143	145.998	ng	0.02
7) Phenol-d6	6.445	99	1745654	140.981	ng	0.00
23) Nitrobenzene-d5	7.381	82	1202390	105.702	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	670473	177.125	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2172528	99.863	ng	0.00
79) Terphenyl-d14	12.933	244	2734636	87.351	ng	0.00

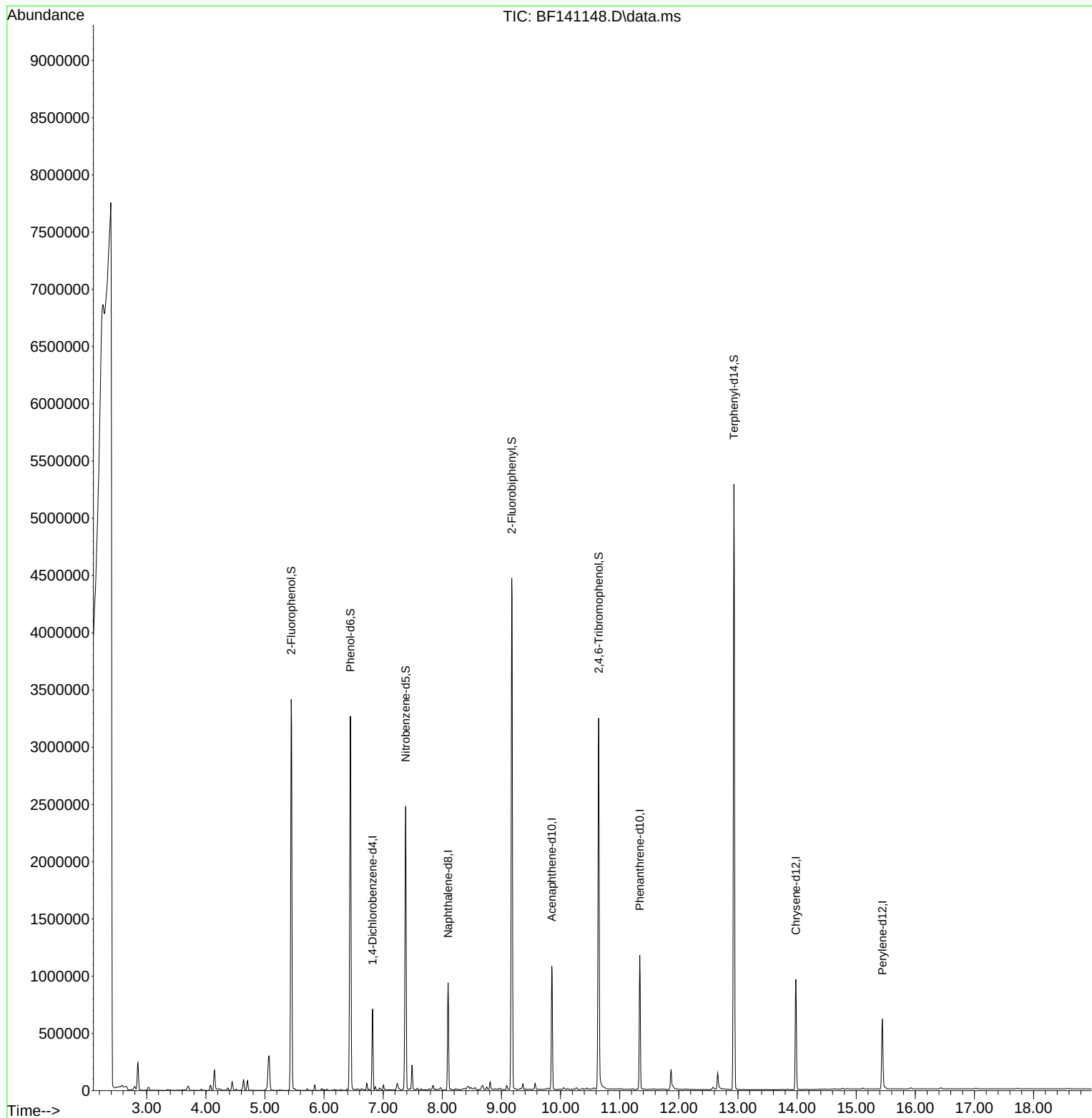
Target Compounds	Qvalue

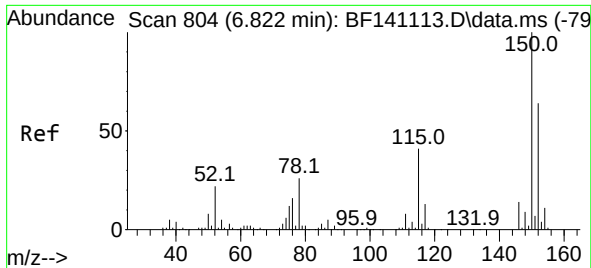
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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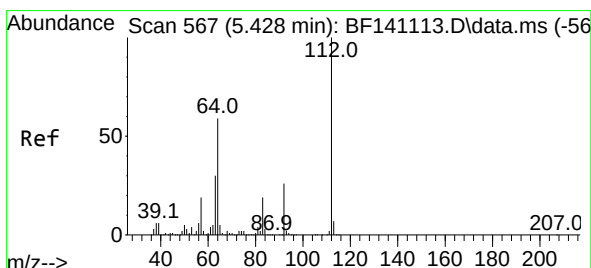
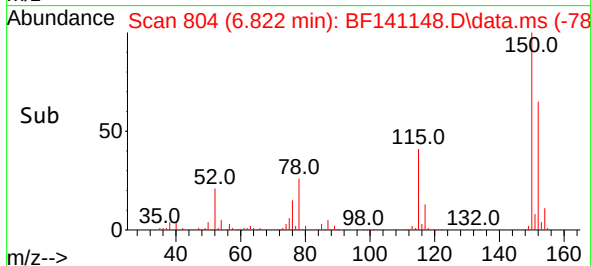
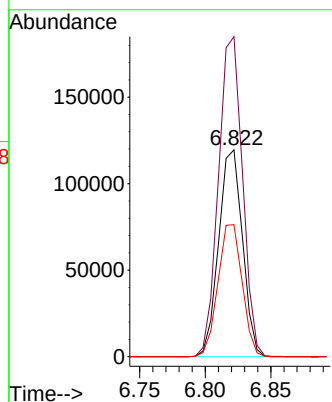
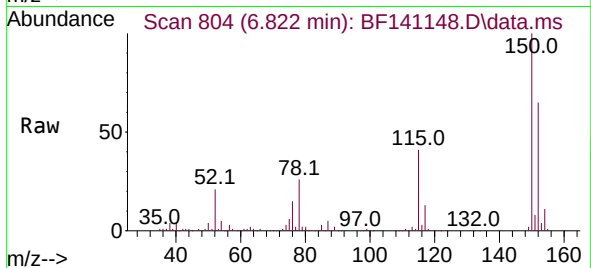




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF141148.D
 Acq: 14 Jan 2025 16:27

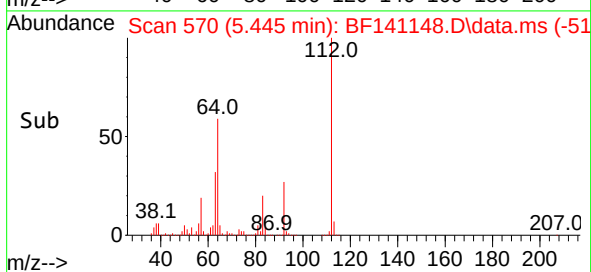
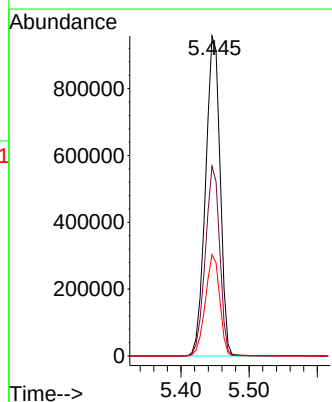
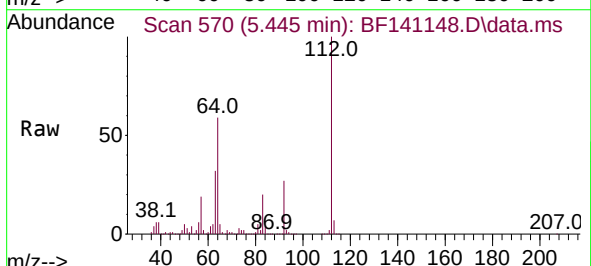
Instrument :
 BNA_F
 ClientSampleId :
 HACKENSACK-DGA

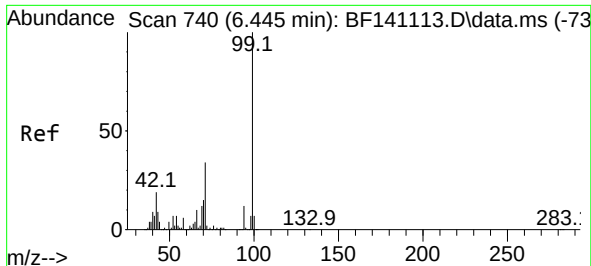
Tgt Ion:152 Resp: 151006
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.8 188.8
 115 63.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 145.998 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.018 min
 Lab File: BF141148.D
 Acq: 14 Jan 2025 16:27

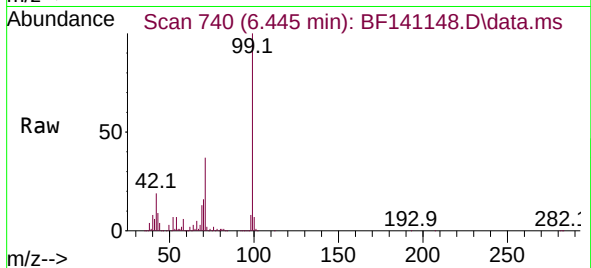
Tgt Ion:112 Resp: 1427143
 Ion Ratio Lower Upper
 112 100
 64 59.3 47.3 70.9
 63 31.7 24.2 36.2





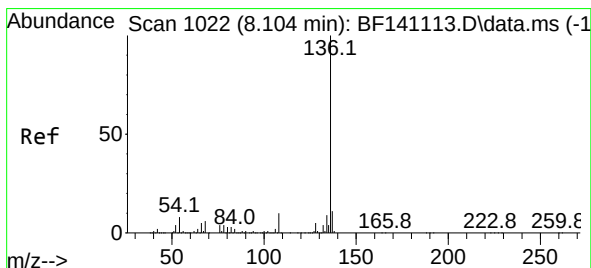
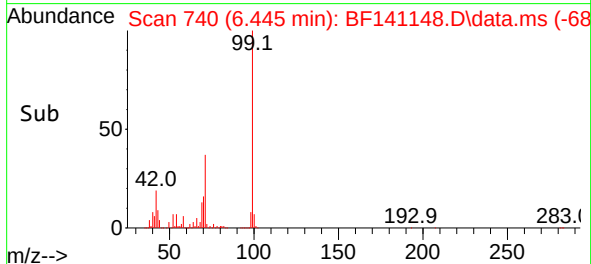
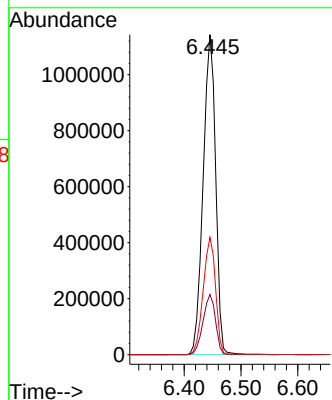
#7
Phenol-d6
Concen: 140.981 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141148.D
Acq: 14 Jan 2025 16:27

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA



Tgt Ion: 99 Resp: 1745654

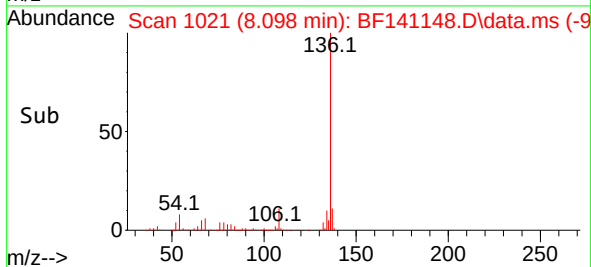
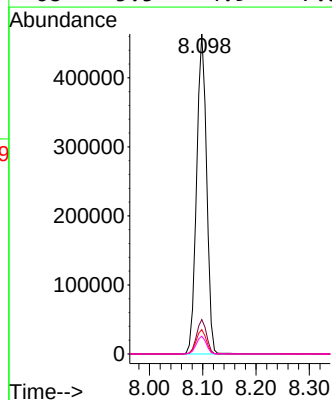
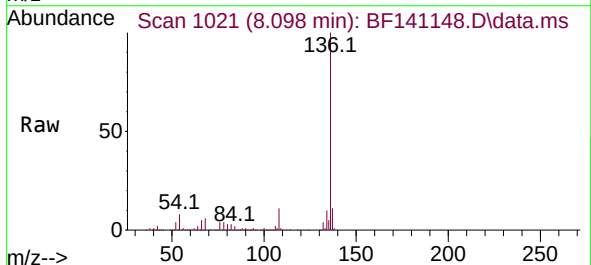
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.7	27.6	41.4

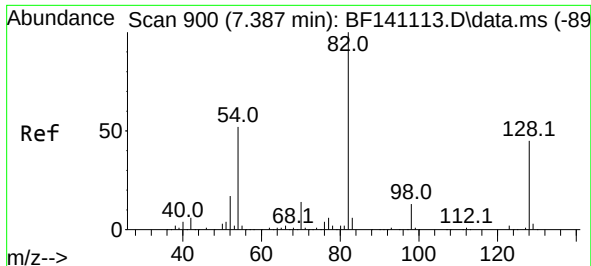


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141148.D
Acq: 14 Jan 2025 16:27

Tgt Ion: 136 Resp: 602985

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.6	6.3	9.5
68	5.5	4.9	7.3





#23

Nitrobenzene-d5

Concen: 105.702 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141148.D

Acq: 14 Jan 2025 16:27

Instrument :

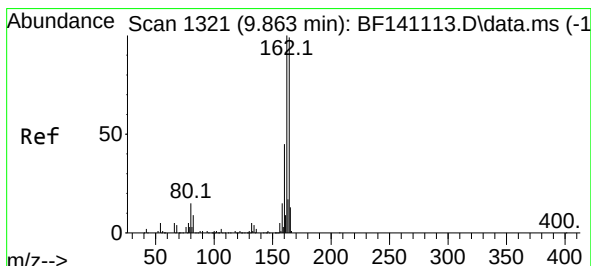
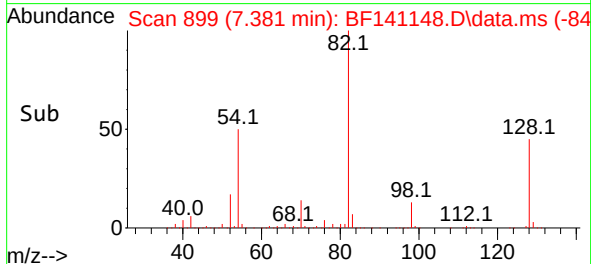
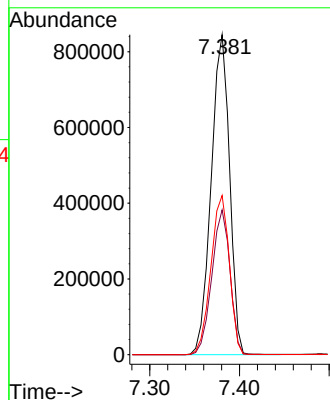
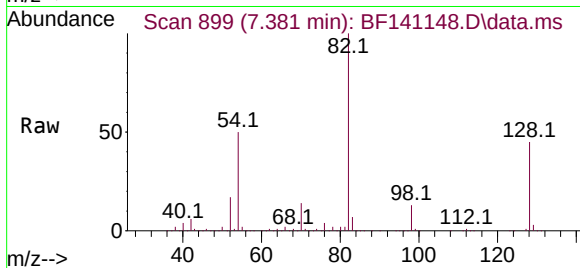
BNA_F

ClientSampleId :

HACKENSACK-DGA

Tgt Ion: 82 Resp: 1202390

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	49.7	41.0	61.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1319

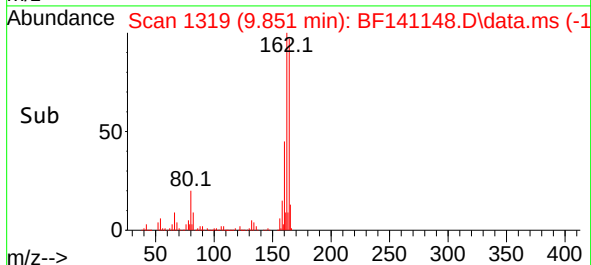
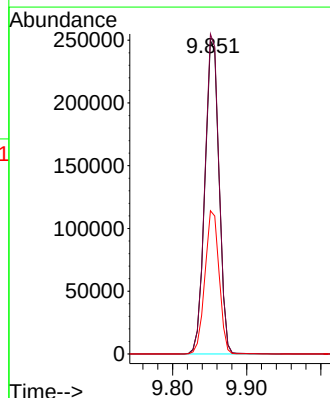
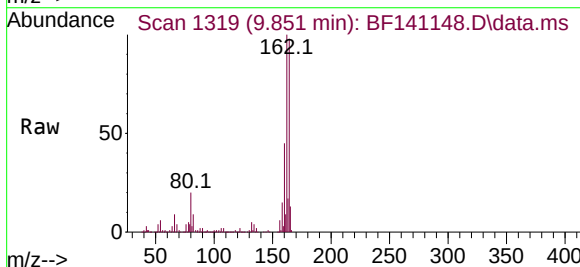
Delta R.T. -0.012 min

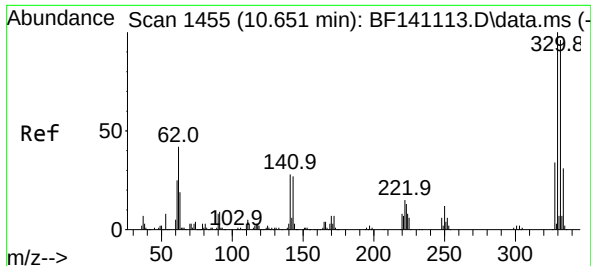
Lab File: BF141148.D

Acq: 14 Jan 2025 16:27

Tgt Ion: 164 Resp: 332209

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.0	121.4
160	45.6	36.1	54.1

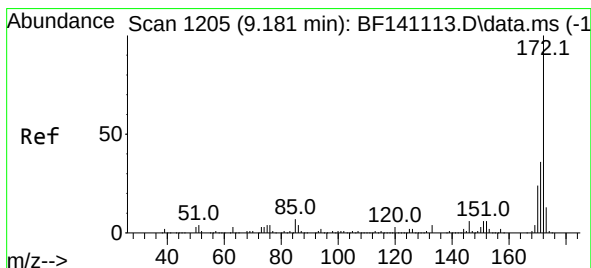
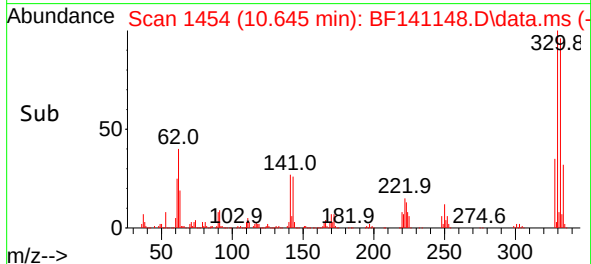
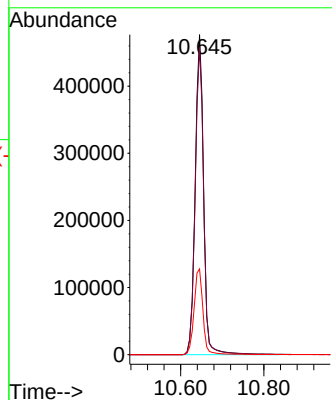
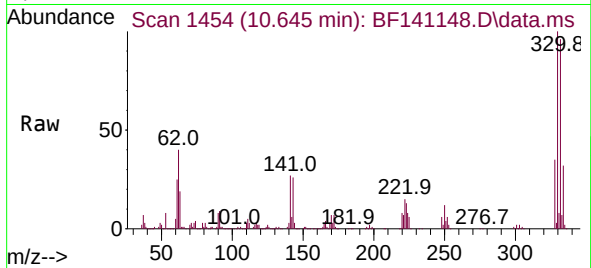




#42
2,4,6-Tribromophenol
Concen: 177.125 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF141148.D
Acq: 14 Jan 2025 16:27

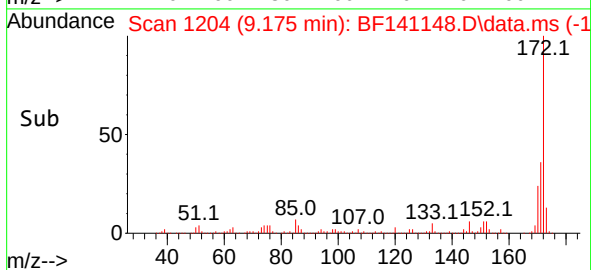
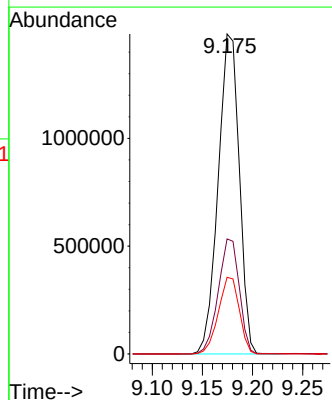
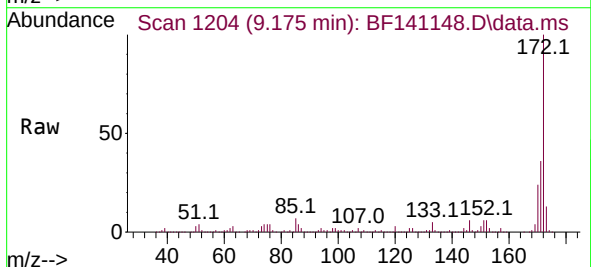
Instrument :
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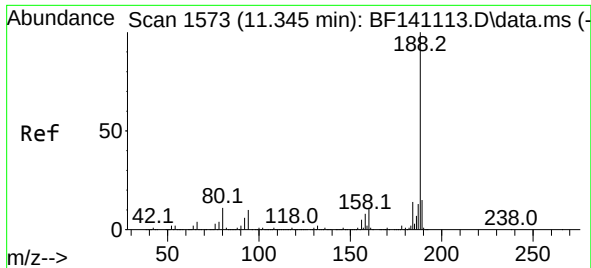
Tgt Ion:330 Resp: 670473
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.5 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 99.863 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141148.D
Acq: 14 Jan 2025 16:27

Tgt Ion:172 Resp: 2172528
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.9 19.0 28.6

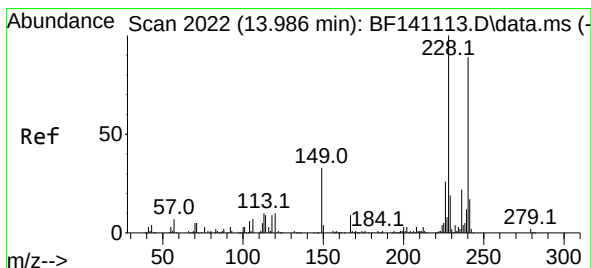
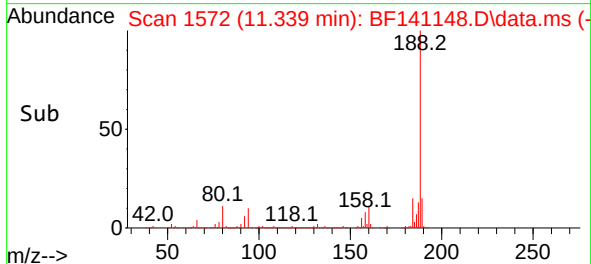
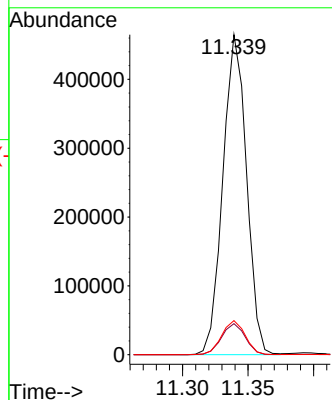
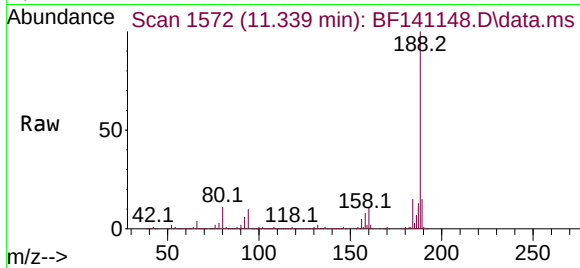




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141148.D
Acq: 14 Jan 2025 16:27

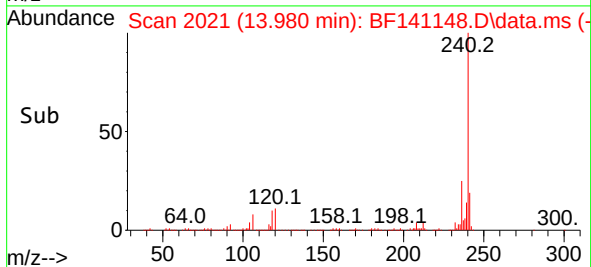
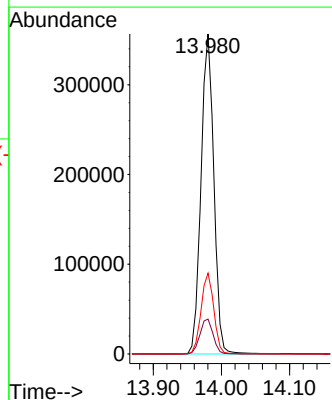
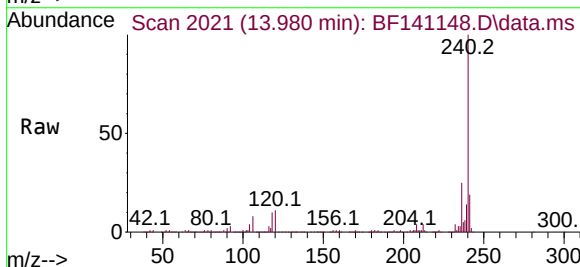
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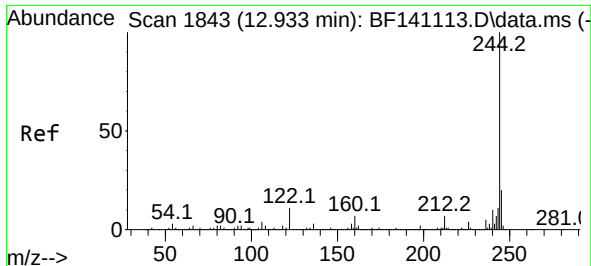
Tgt Ion:188 Resp: 582623
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.7 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141148.D
Acq: 14 Jan 2025 16:27

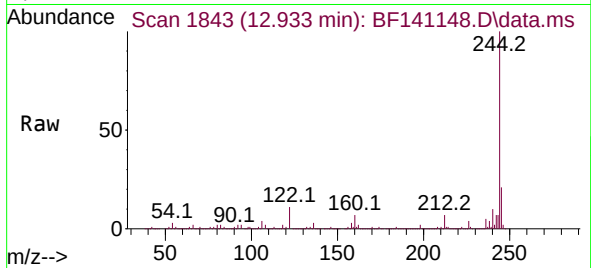
Tgt Ion:240 Resp: 465306
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.3 19.8 29.6



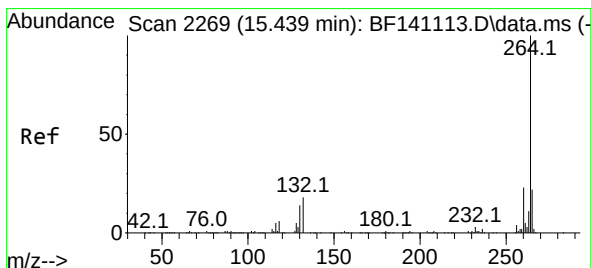
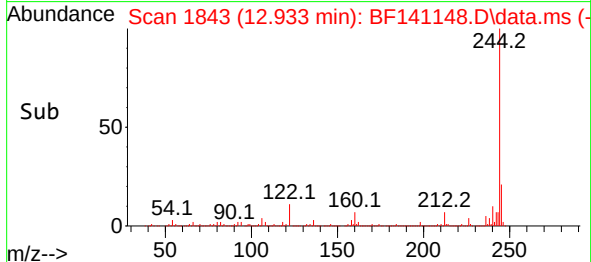
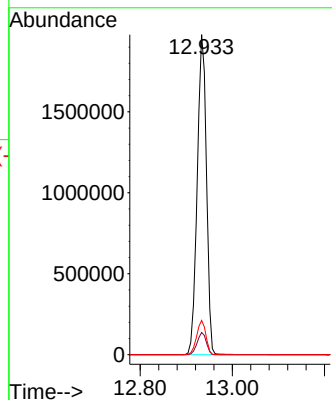


#79
 Terphenyl-d14
 Concen: 87.351 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141148.D
 Acq: 14 Jan 2025 16:27

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2734636
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF141148.D
 Acq: 14 Jan 2025 16:27

Tgt Ion:264 Resp: 370943
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.2 17.4 26.0

