

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136993.D
 Acq On : 08 Jan 2024 12:41
 Operator : CG\JU
 Sample : PB158263BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158263BL

Quant Time: Jan 08 13:05:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83690	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	324502	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	168672	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	341346	20.000	ng	0.00
76) Chrysene-d12	13.968	240	206012	20.000	ng	0.00
86) Perylene-d12	15.457	264	167878	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	760343	141.755	ng	0.02
7) Phenol-d6	6.445	99	949343	136.593	ng	0.00
23) Nitrobenzene-d5	7.351	82	595694	93.936	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	268645	135.236	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1185798	94.555	ng	0.00
79) Terphenyl-d14	12.916	244	1372251	93.086	ng	0.00

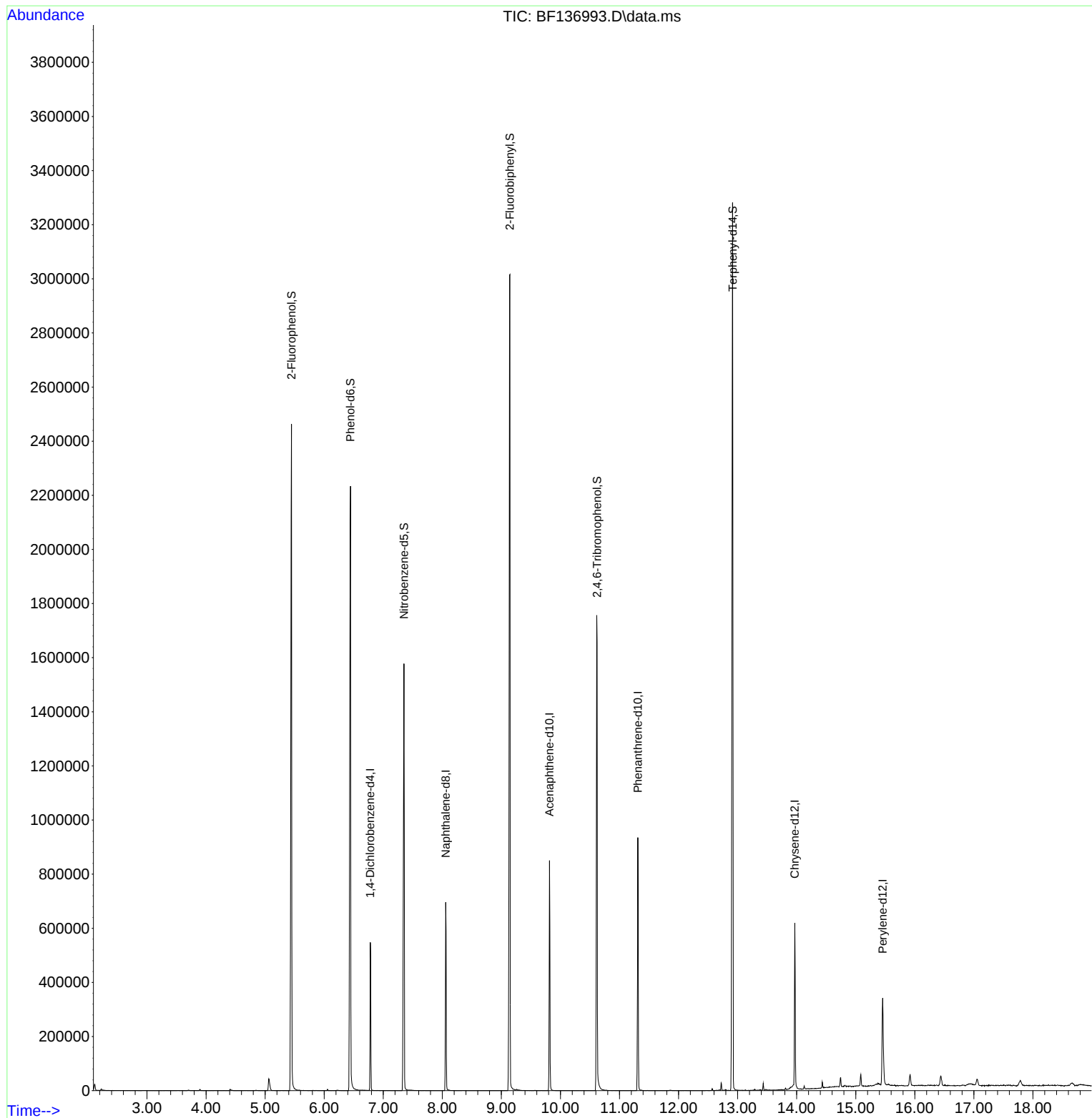
Target Compounds	Qvalue

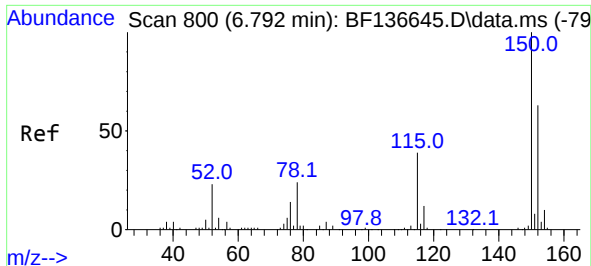
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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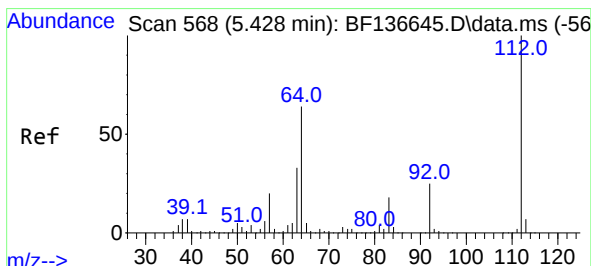
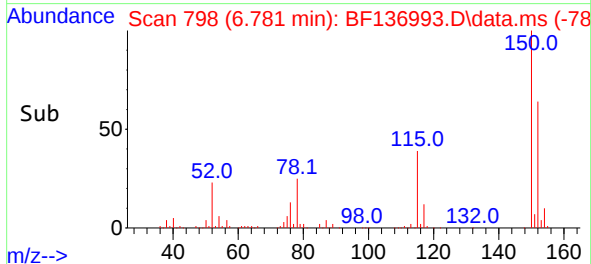
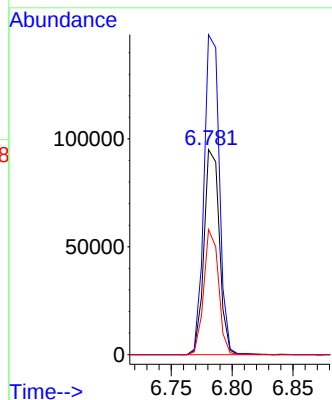
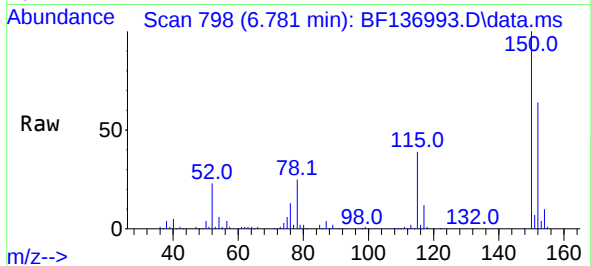




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

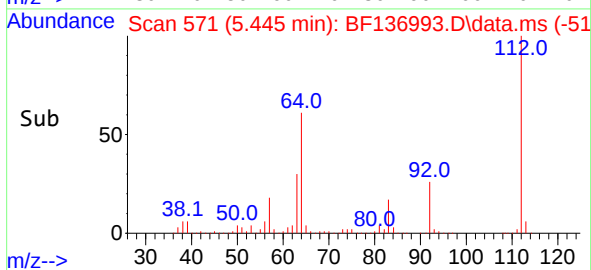
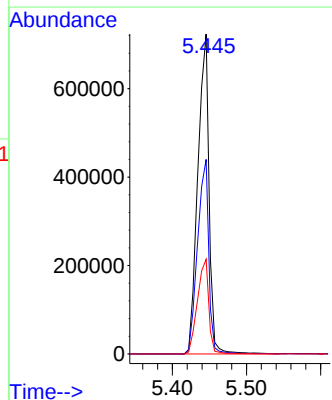
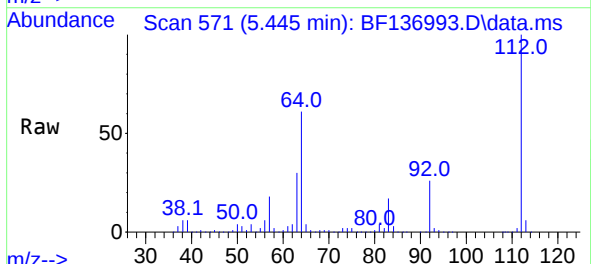
Instrument :
BNA_F
ClientSampleId :
PB158263BL

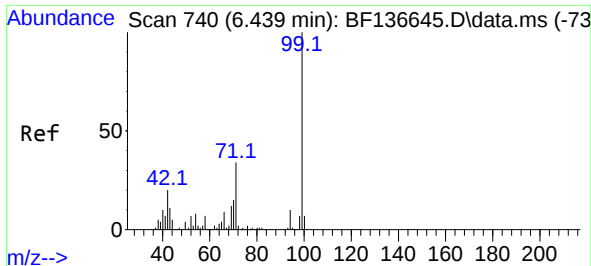
Tgt Ion:152 Resp: 83690
Ion Ratio Lower Upper
152 100
150 156.0 127.0 190.6
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 141.755 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

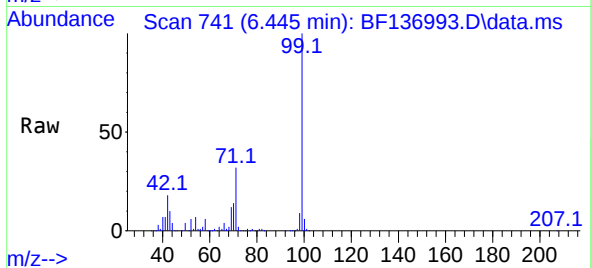
Tgt Ion:112 Resp: 760343
Ion Ratio Lower Upper
112 100
64 60.8 51.1 76.7
63 29.6 26.1 39.1



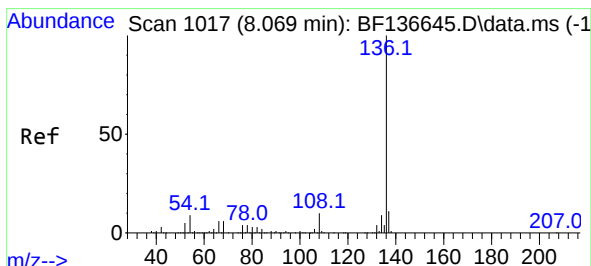
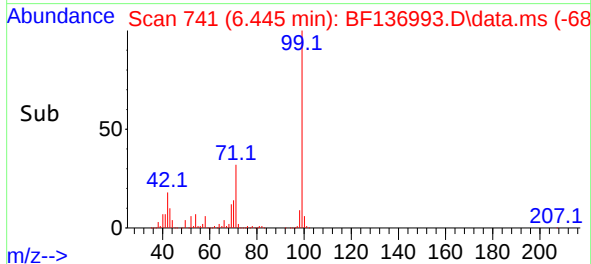
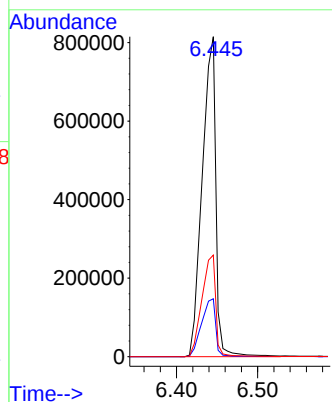


#7
Phenol-d6
Concen: 136.593 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB158263BL

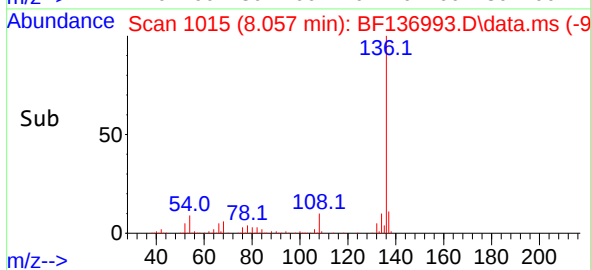
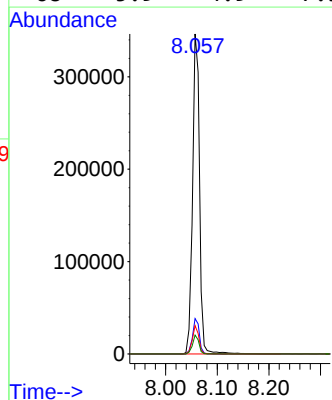
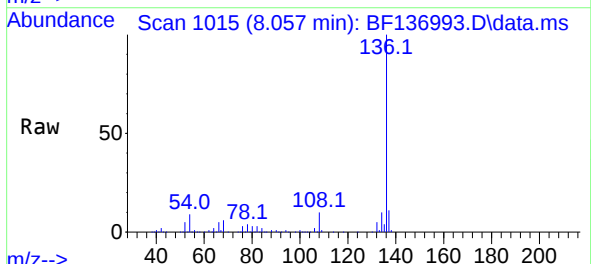


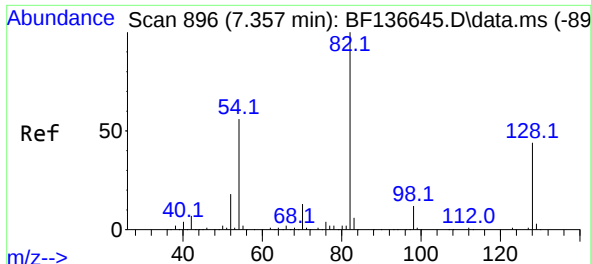
Tgt Ion: 99 Resp: 949343
Ion Ratio Lower Upper
99 100
42 18.1 16.1 24.1
71 31.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

Tgt Ion: 136 Resp: 324502
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.9 7.2 10.8
68 5.9 4.9 7.3

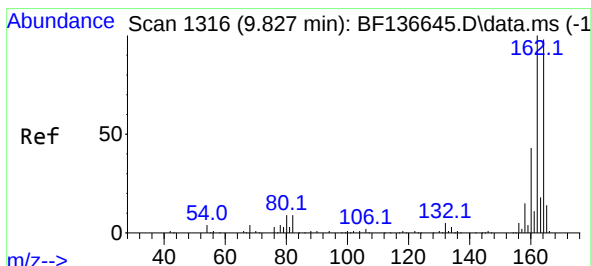
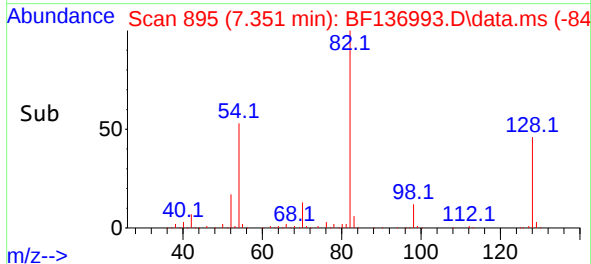
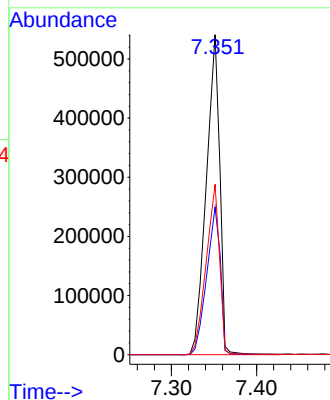
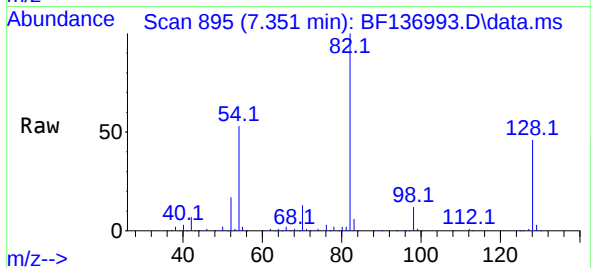




#23
Nitrobenzene-d5
Concen: 93.936 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

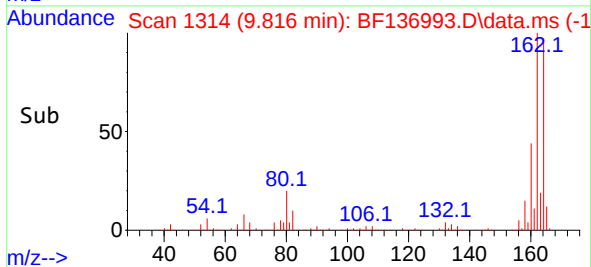
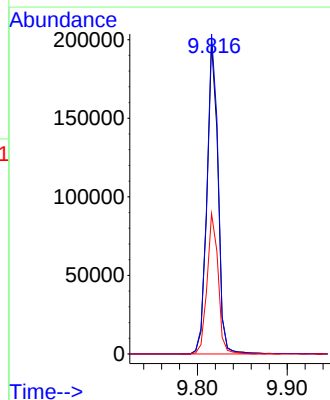
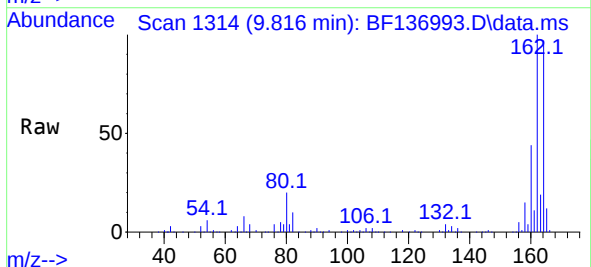
Instrument :
BNA_F
ClientSampleId :
PB158263BL

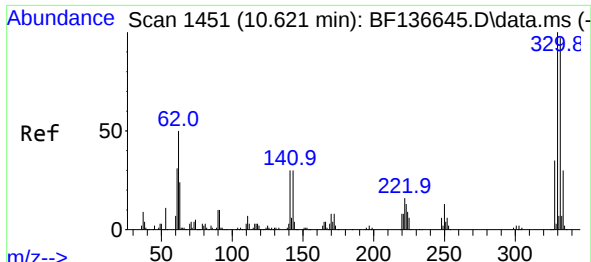
Tgt Ion: 82 Resp: 595694
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 53.3 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

Tgt Ion:164 Resp: 168672
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 45.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 135.236 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136993.D

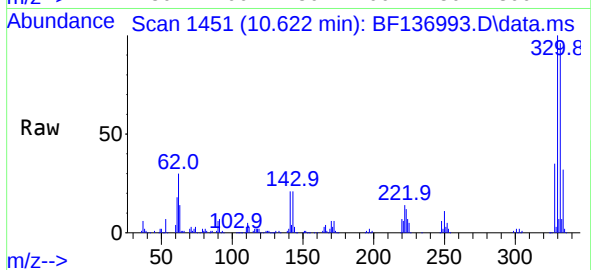
Acq: 08 Jan 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB158263BL



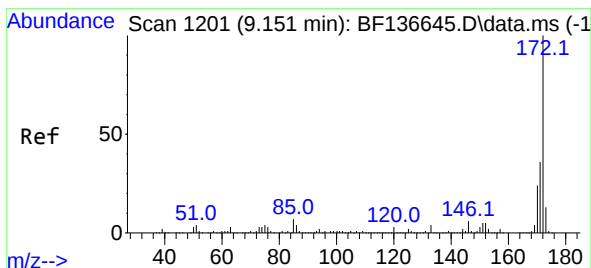
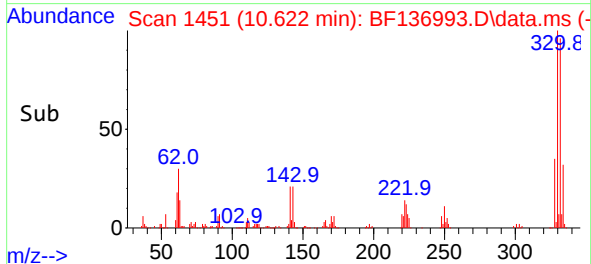
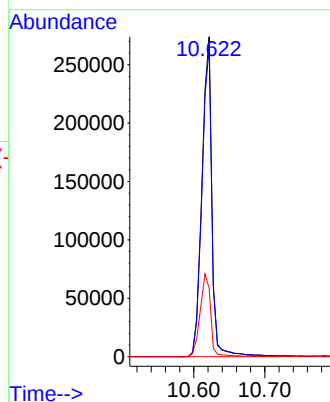
Tgt Ion:330 Resp: 268645

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 94.555 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136993.D

Acq: 08 Jan 2024 12:41

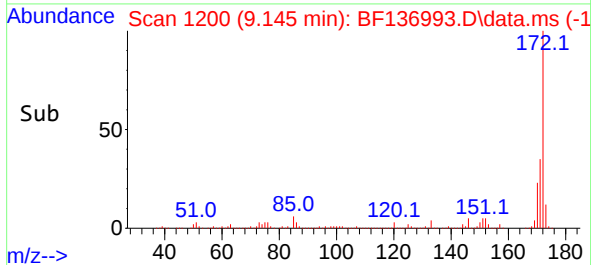
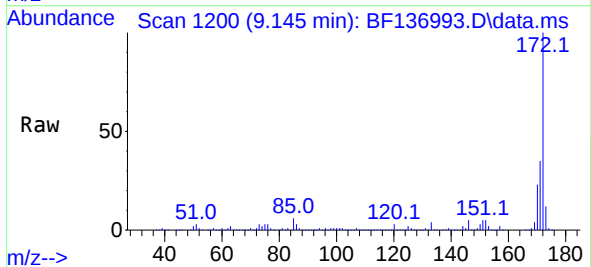
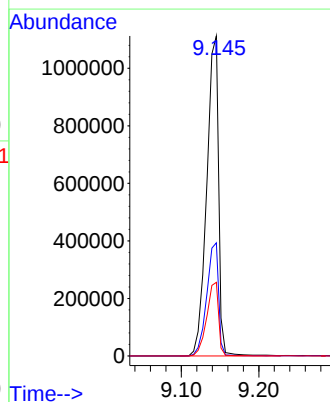
Tgt Ion:172 Resp: 1185798

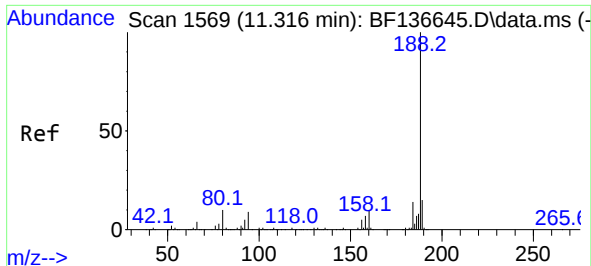
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.0 19.0 28.4

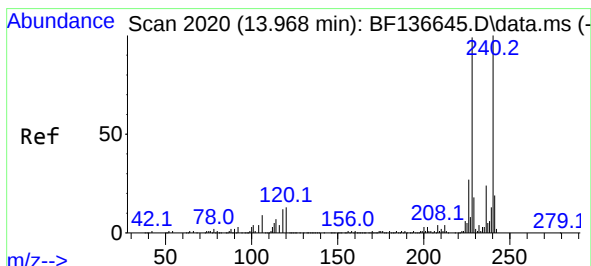
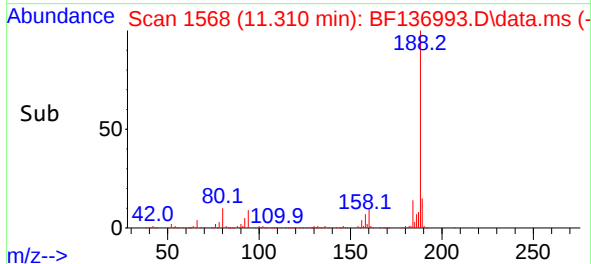
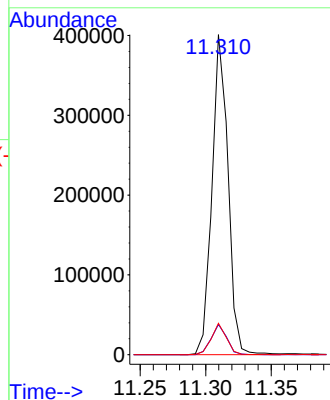
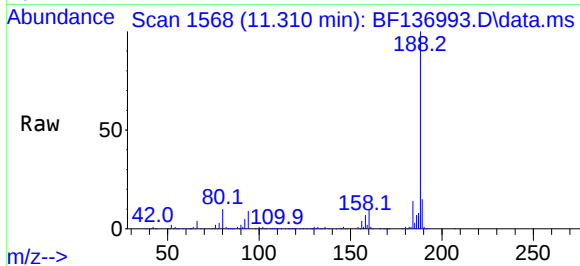




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

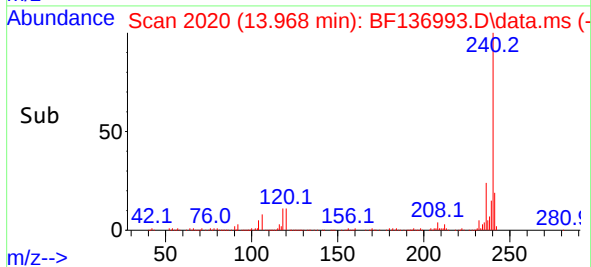
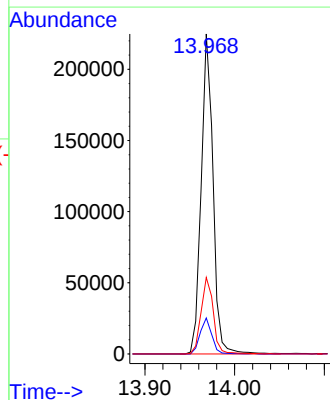
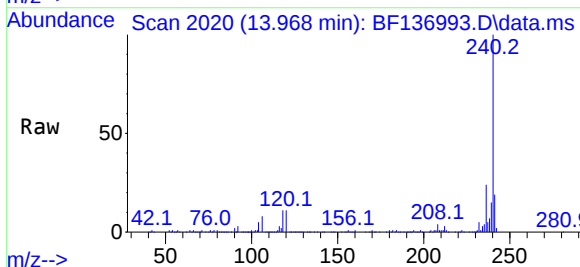
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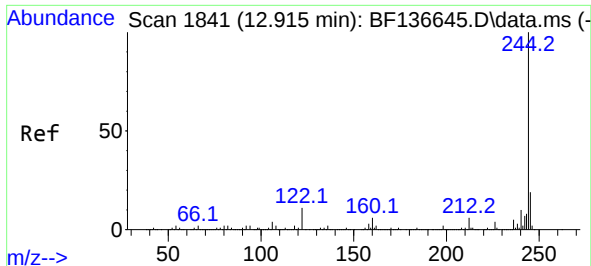
Tgt Ion:188 Resp: 341346
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

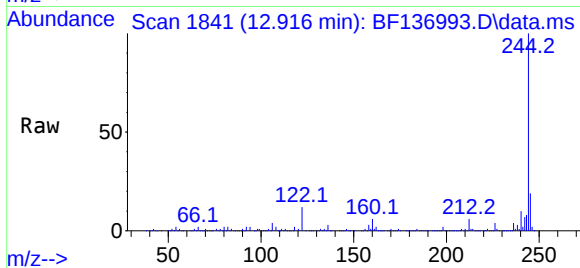
Tgt Ion:240 Resp: 206012
Ion Ratio Lower Upper
240 100
120 11.2 10.3 15.5
236 23.9 19.4 29.2



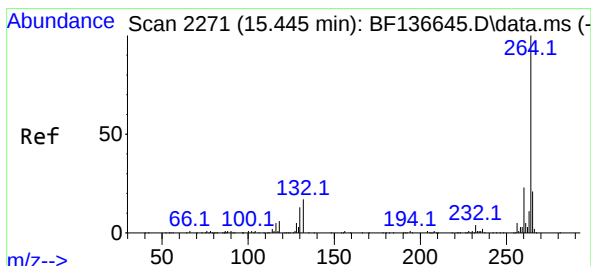
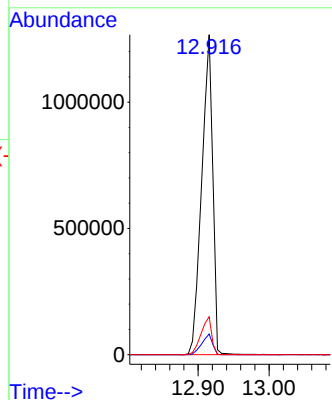
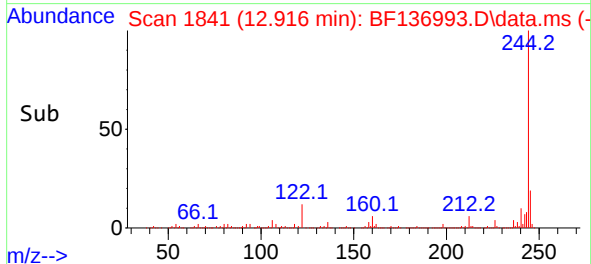


#79
Terphenyl-d14
Concen: 93.086 ng
RT: 12.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1372251
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136993.D
Acq: 08 Jan 2024 12:41

Tgt Ion:264 Resp: 167878
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 21.2 17.0 25.6

