

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135820.D
 Acq On : 17 Oct 2023 19:28
 Operator : CG\JU
 Sample : 04895-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1

Quant Time: Oct 18 02:00:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	74800	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	270801	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	138506	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	275037	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	181279	20.000	ng	-0.02
86) Perylene-d12	15.410	264	159389	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	829639	178.323	ng	0.00
7) Phenol-d6	6.393	99	1040483	179.239	ng	0.00
23) Nitrobenzene-d5	7.310	82	638297	129.637	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	261239	196.557	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1011259	114.155	ng	-0.01
79) Terphenyl-d14	12.869	244	1129805	115.419	ng	-0.01

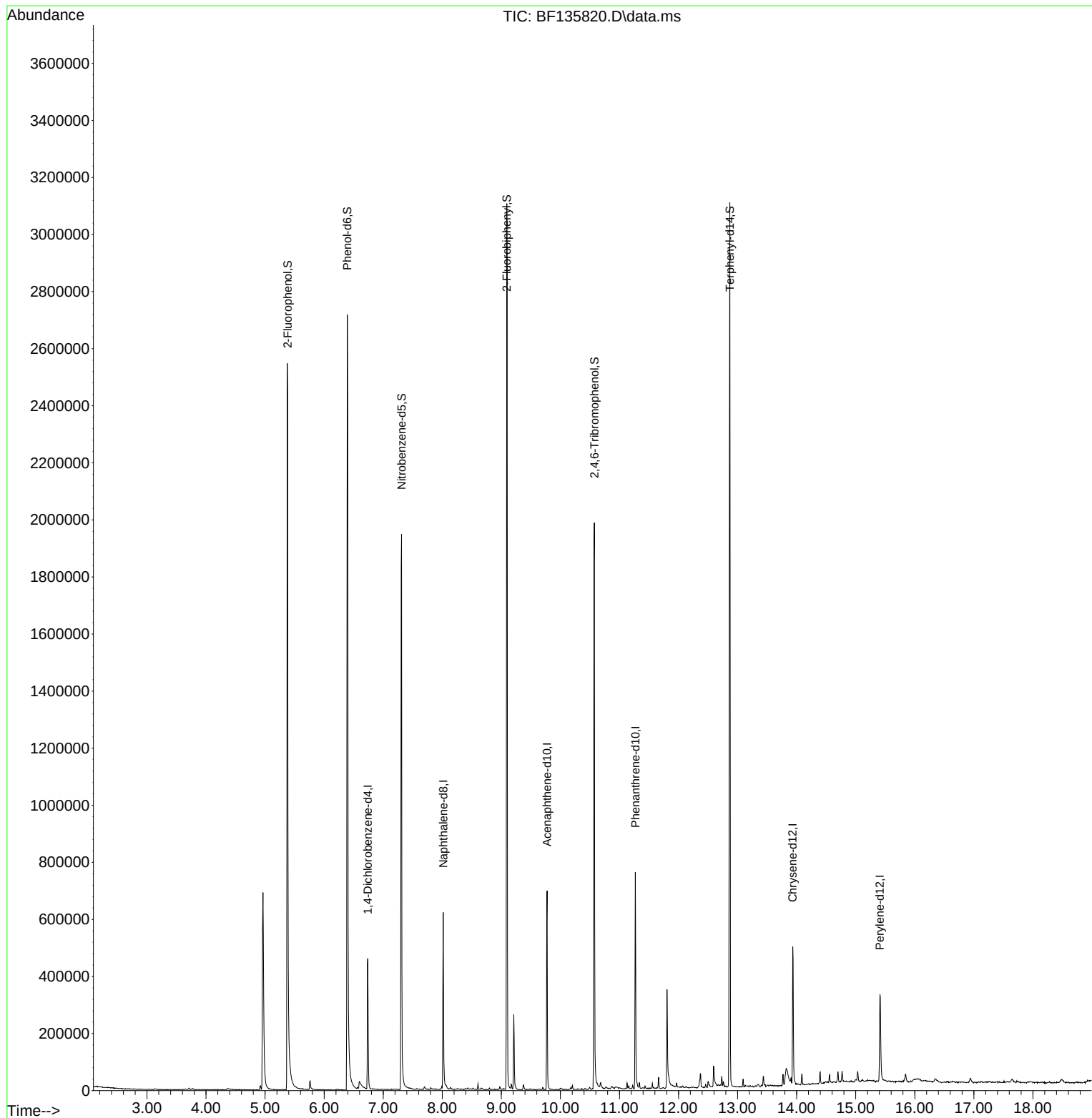
Target Compounds	Qvalue

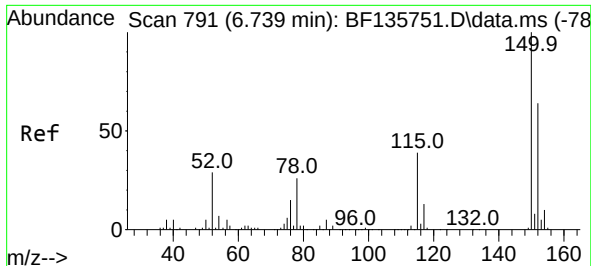
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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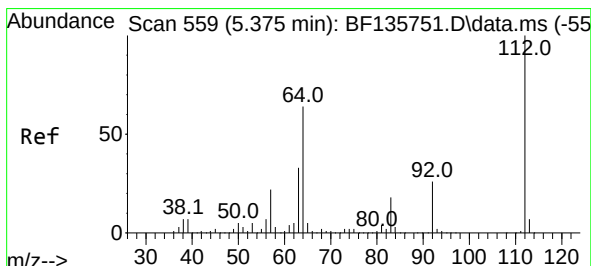
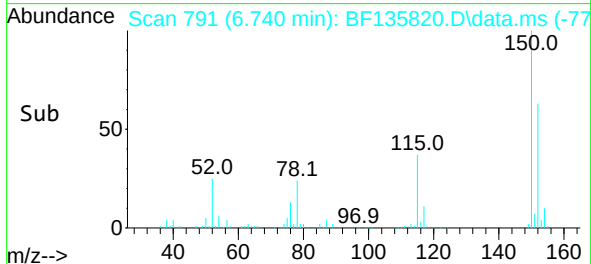
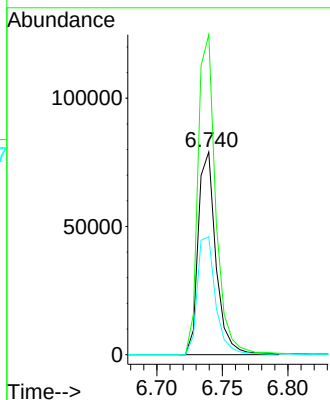
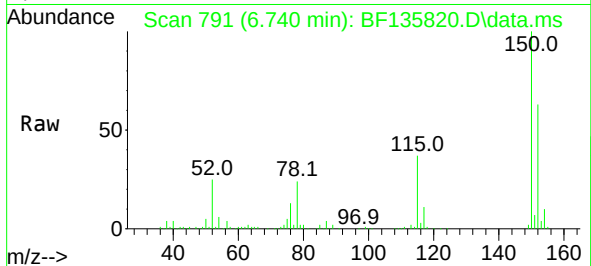




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF135820.D
 Acq: 17 Oct 2023 19:28

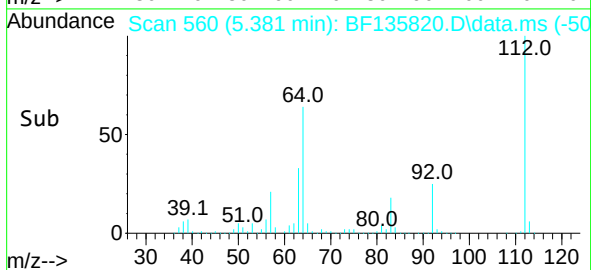
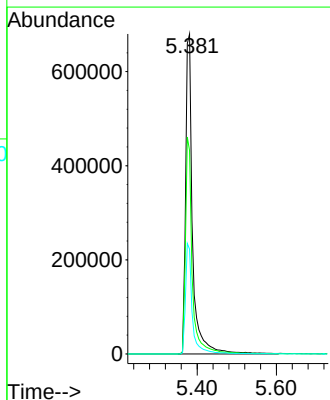
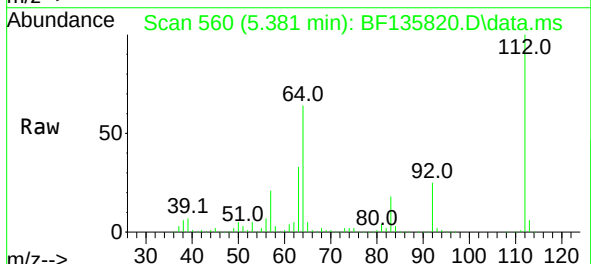
Instrument :
 BNA_F
 ClientSampleId :
 A-1

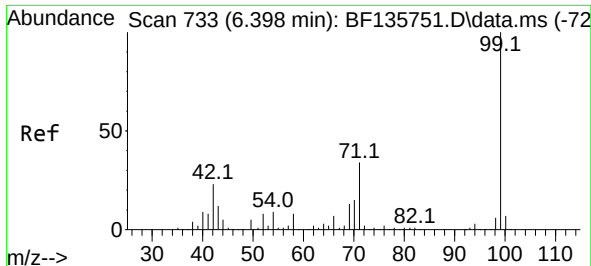
Tgt Ion:152 Resp: 74800
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.5 186.7
 115 58.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 178.323 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.006 min
 Lab File: BF135820.D
 Acq: 17 Oct 2023 19:28

Tgt Ion:112 Resp: 829639
 Ion Ratio Lower Upper
 112 100
 64 63.5 51.2 76.8
 63 32.8 26.1 39.1

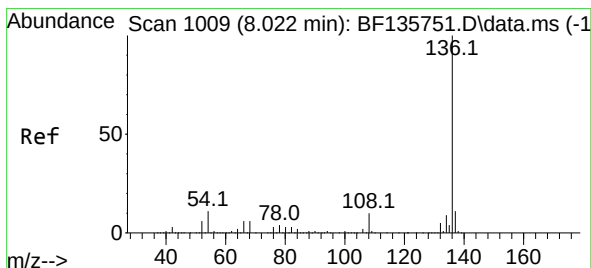
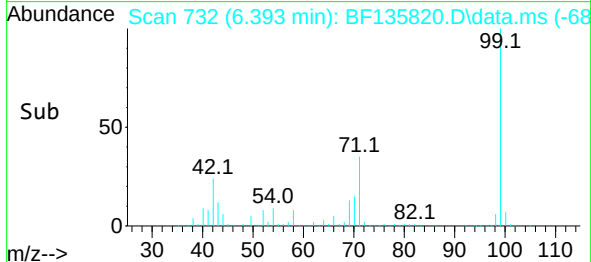
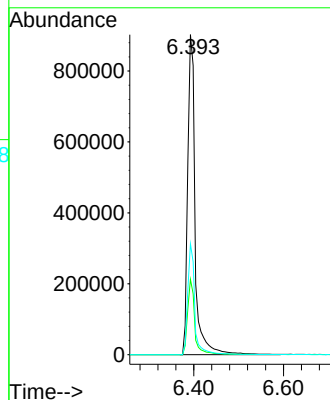
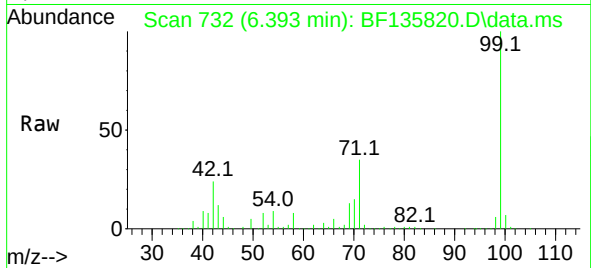




#7
Phenol-d6
Concen: 179.239 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135820.D
Acq: 17 Oct 2023 19:28

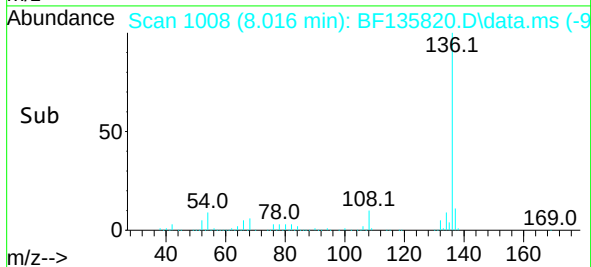
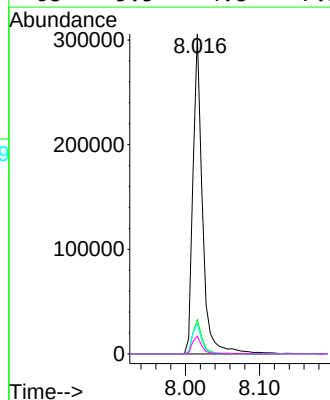
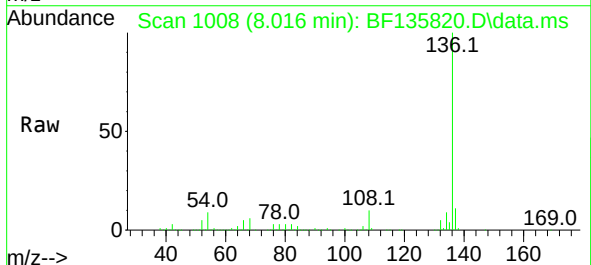
Instrument :
BNA_F
ClientSampleId :
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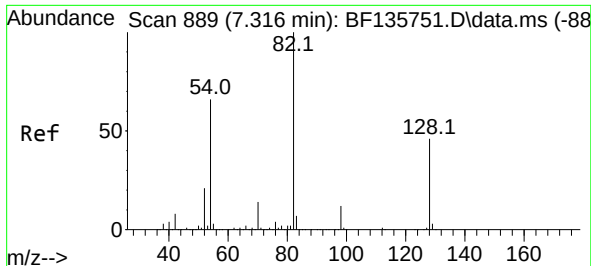
Tgt Ion: 99 Resp: 1040483
Ion Ratio Lower Upper
99 100
42 23.5 18.4 27.6
71 34.6 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135820.D
Acq: 17 Oct 2023 19:28

Tgt Ion:136 Resp: 270801
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.3 8.5 12.7
68 5.5 4.8 7.2

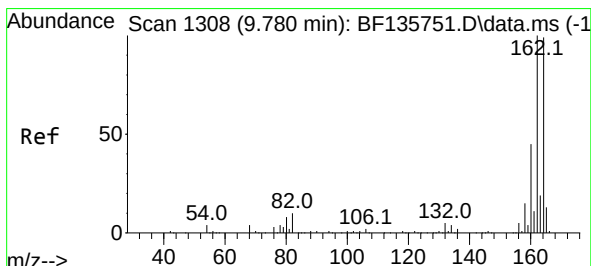
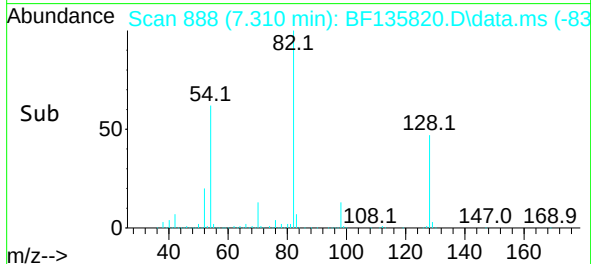
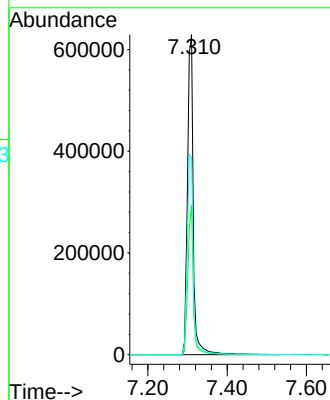
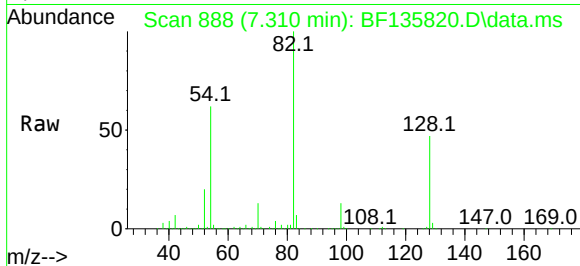




#23
Nitrobenzene-d5
Concen: 129.637 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135820.D
Acq: 17 Oct 2023 19:28

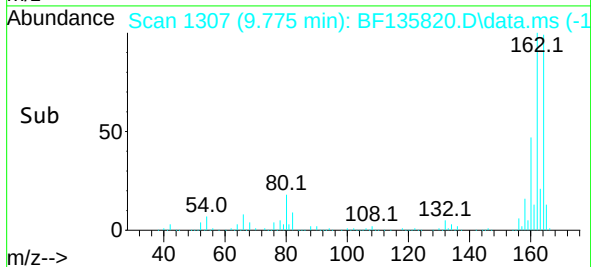
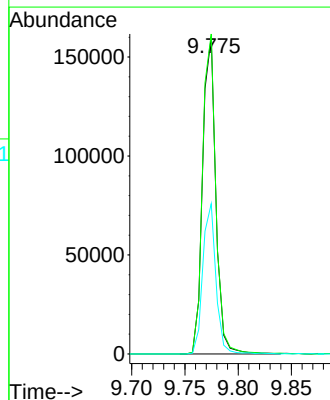
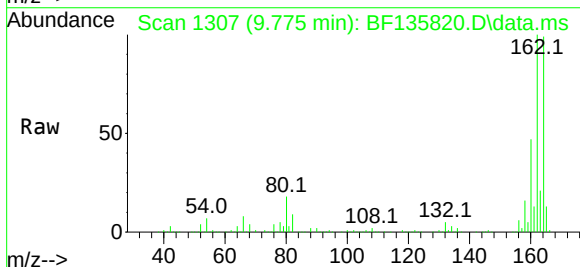
Instrument :
BNA_F
ClientSampleId :
A-1

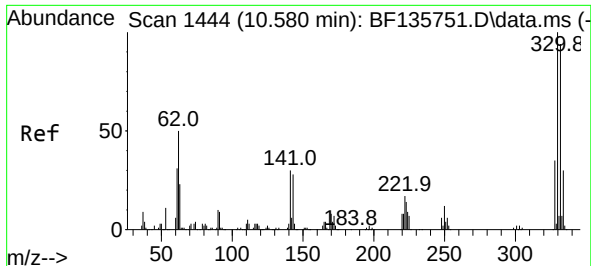
Tgt Ion: 82 Resp: 638297
Ion Ratio Lower Upper
82 100
128 46.7 37.0 55.6
54 61.5 52.8 79.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135820.D
Acq: 17 Oct 2023 19:28

Tgt Ion: 164 Resp: 138506
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 47.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 196.557 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135820.D

Acq: 17 Oct 2023 19:28

Instrument :

BNA_F

ClientSampleId :

A-1

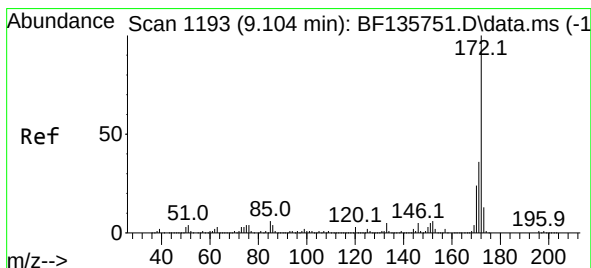
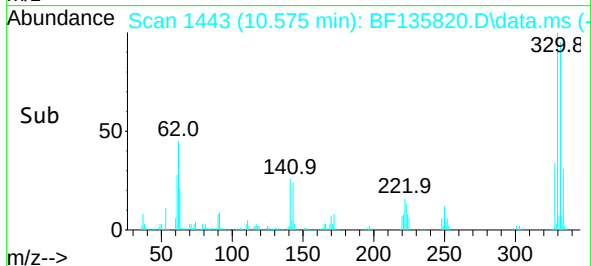
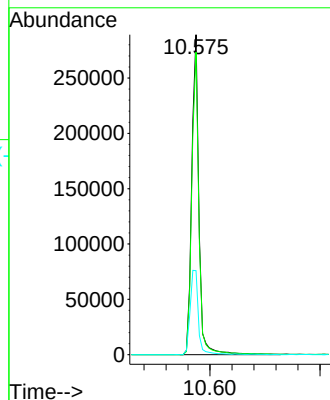
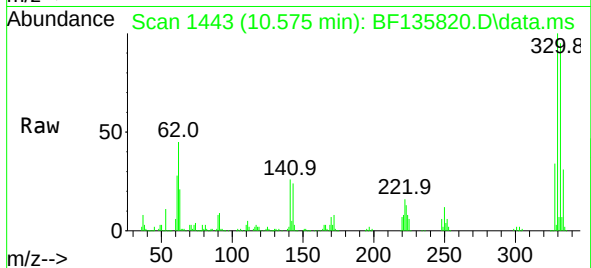
Tgt Ion:330 Resp: 261239

Ion Ratio Lower Upper

330 100

332 93.9 75.0 112.4

141 30.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 114.155 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135820.D

Acq: 17 Oct 2023 19:28

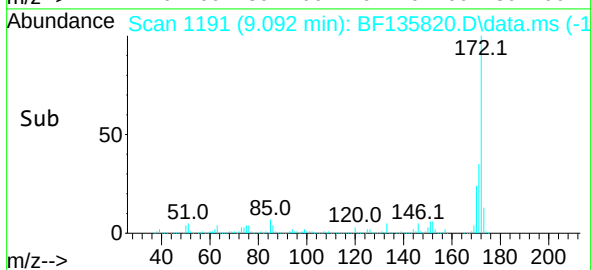
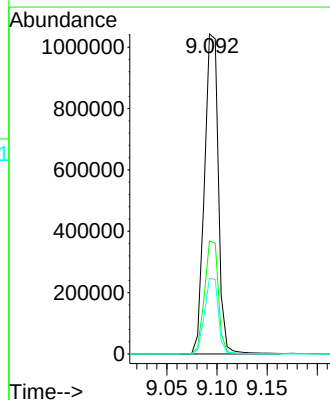
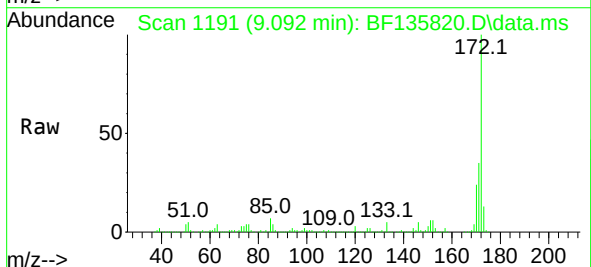
Tgt Ion:172 Resp: 1011259

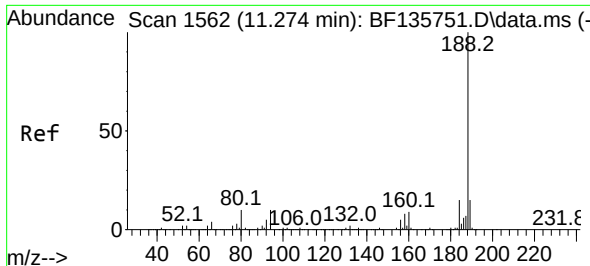
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 18.8 28.2

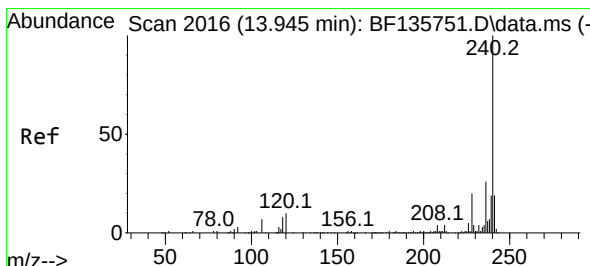
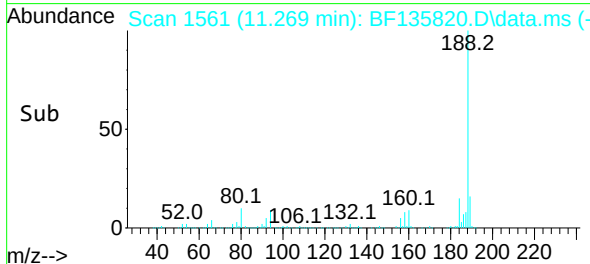
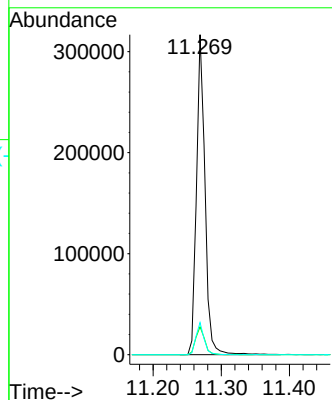
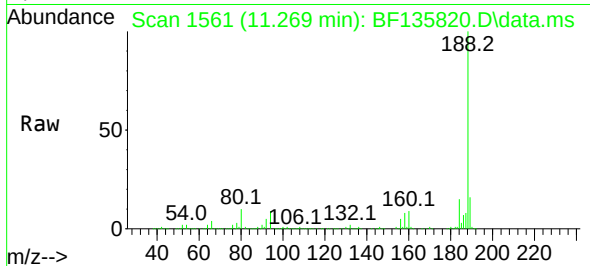




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135820.D
Acq: 17 Oct 2023 19:28

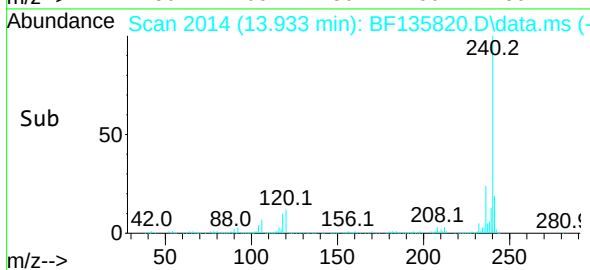
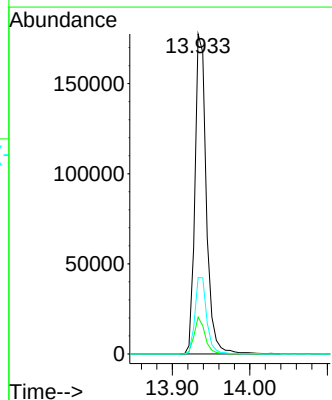
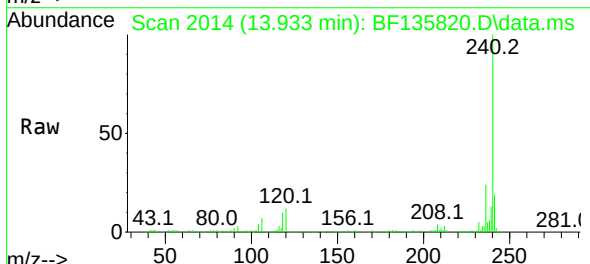
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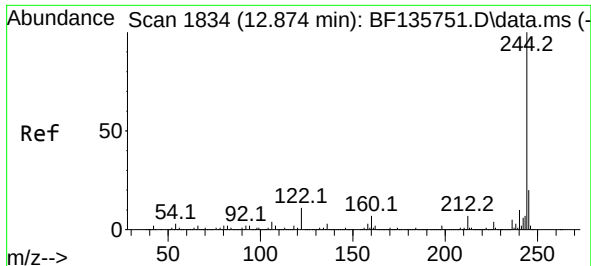
Tgt Ion:188 Resp: 275037
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 10.1 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF135820.D
Acq: 17 Oct 2023 19:28

Tgt Ion:240 Resp: 181279
Ion Ratio Lower Upper
240 100
120 11.5 8.2 12.2
236 23.9 21.2 31.8

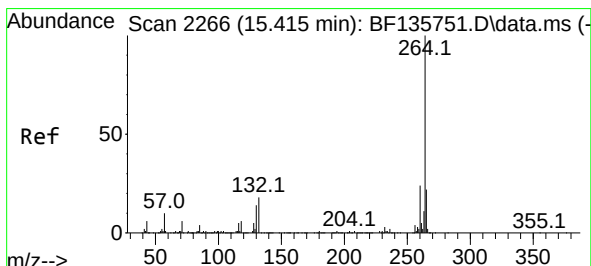
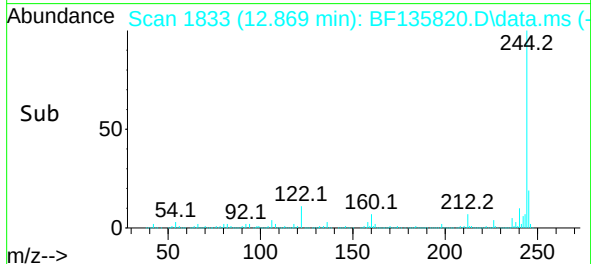
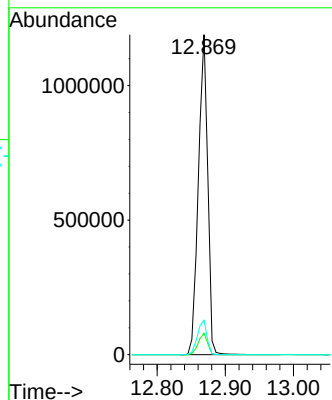
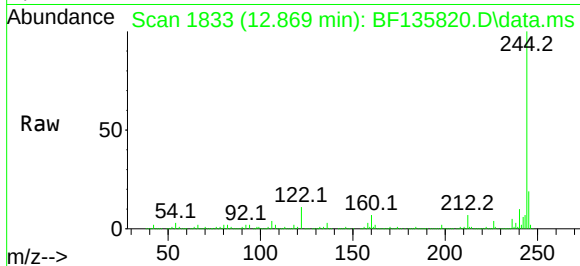




#79
 Terphenyl-d14
 Concen: 115.419 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135820.D
 Acq: 17 Oct 2023 19:28

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1129805
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.012 min
 Lab File: BF135820.D
 Acq: 17 Oct 2023 19:28

Tgt Ion:264 Resp: 159389
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 17.4 26.2

