

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135557.D
 Acq On : 03 Oct 2023 23:26
 Operator : CG\JU
 Sample : 04627-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-12

Quant Time: Oct 04 07:14:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	150877	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	579520	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	292859	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	552576	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	289011	20.000	ng	0.00
86) Perylene-d12	15.386	264	316882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	827968	89.255	ng	0.00
7) Phenol-d6	6.386	99	1033661	87.631	ng	0.00
23) Nitrobenzene-d5	7.304	82	636858	59.705	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	232035	79.729	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1118493	57.621	ng	0.00
79) Terphenyl-d14	12.863	244	1087661	58.340	ng	0.00

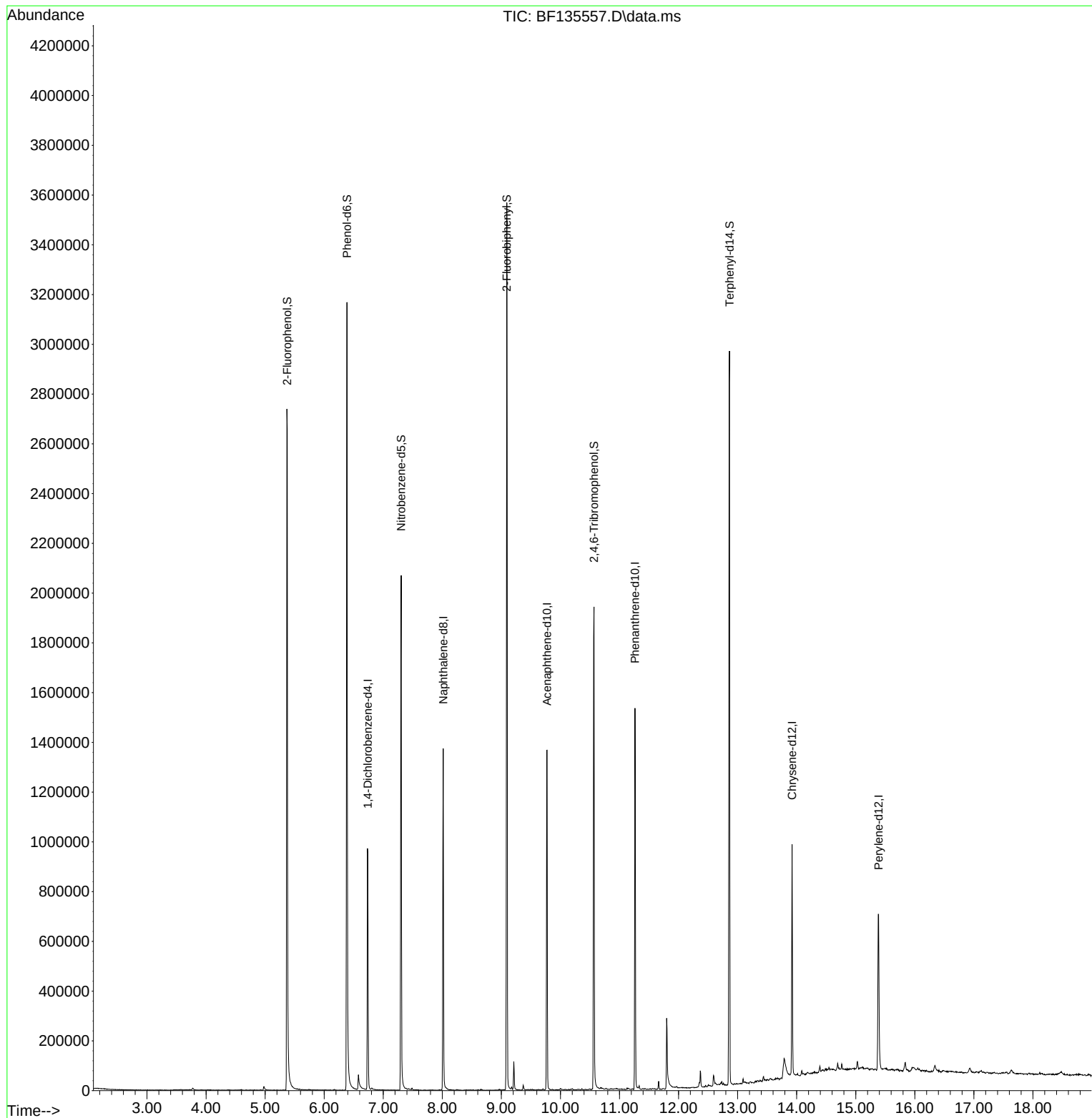
Target Compounds	Qvalue

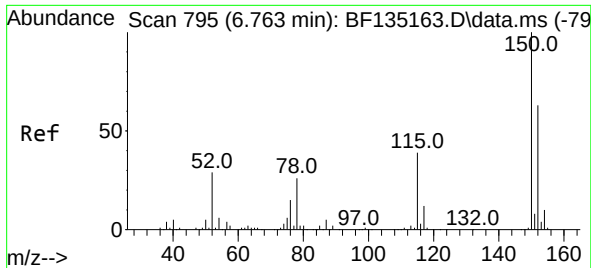
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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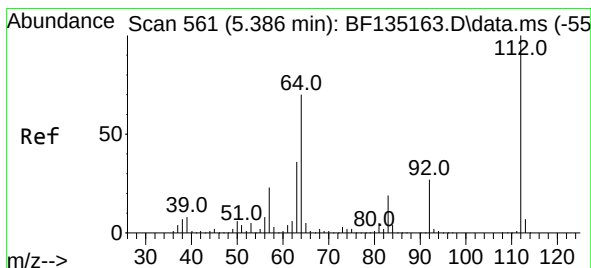
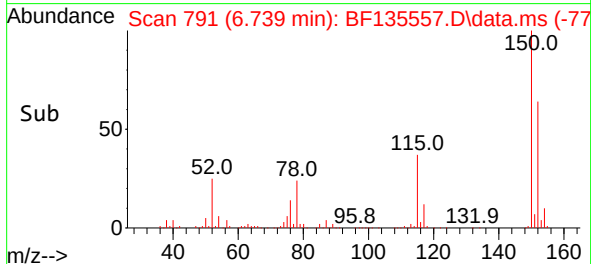
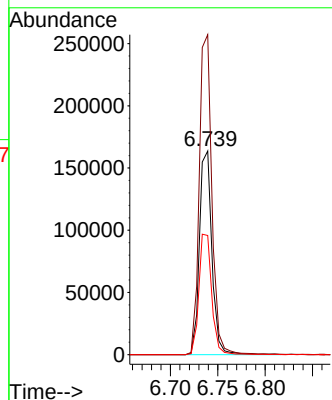
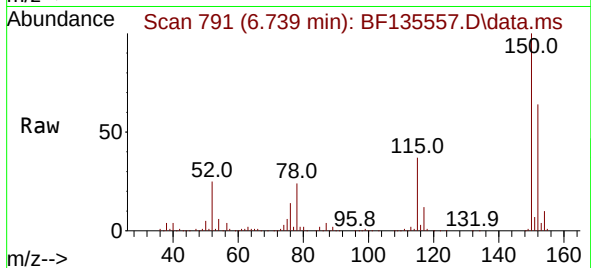




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

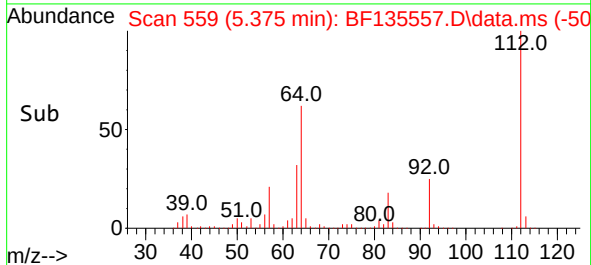
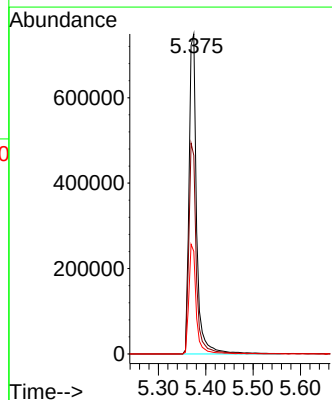
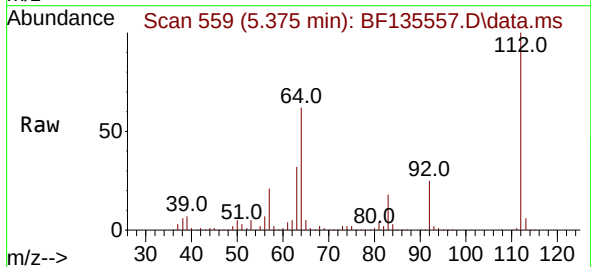
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

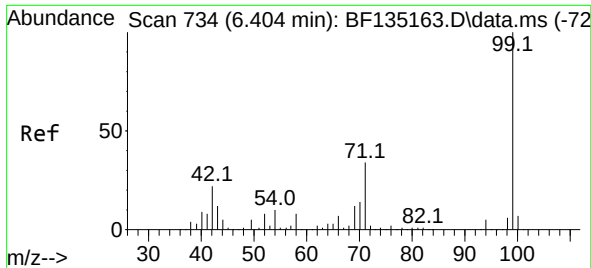
Tgt Ion:152 Resp: 150877
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 58.5 49.8 74.8



#5
2-Fluorophenol
Concen: 89.255 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion:112 Resp: 827968
Ion Ratio Lower Upper
112 100
64 62.0 55.9 83.9
63 32.1 29.0 43.6

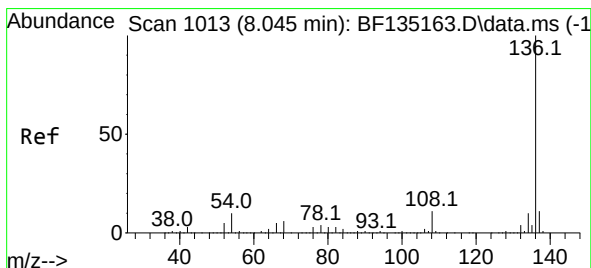
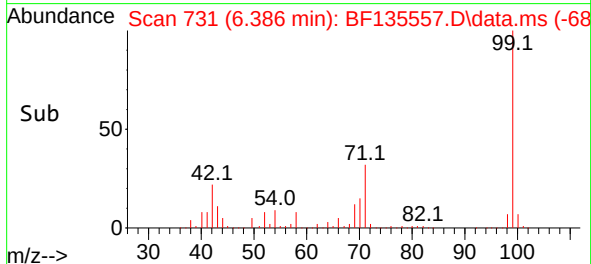
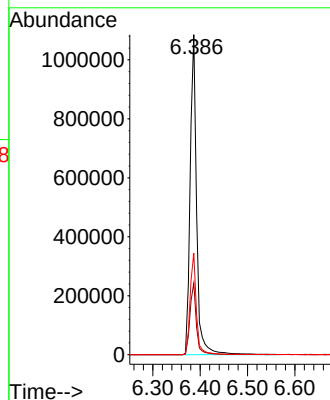
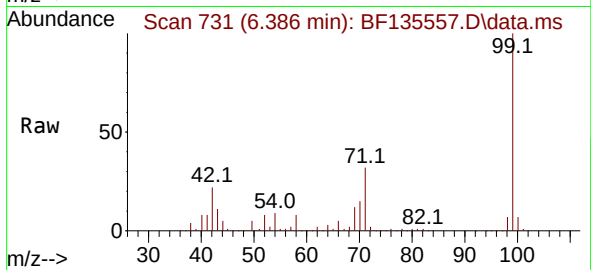




#7
Phenol-d6
Concen: 87.631 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

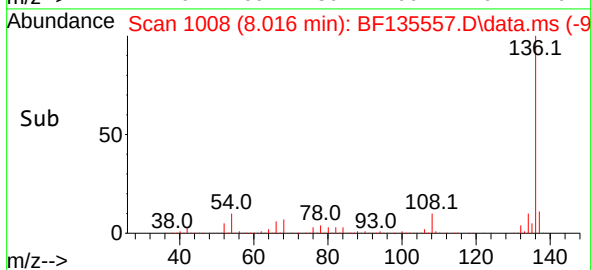
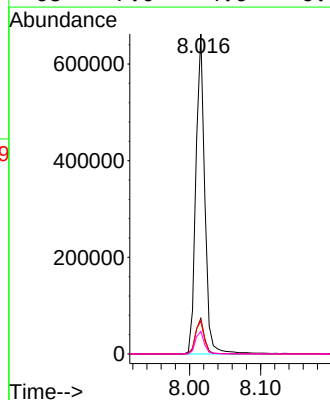
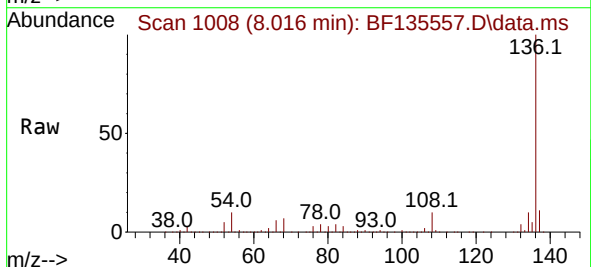
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

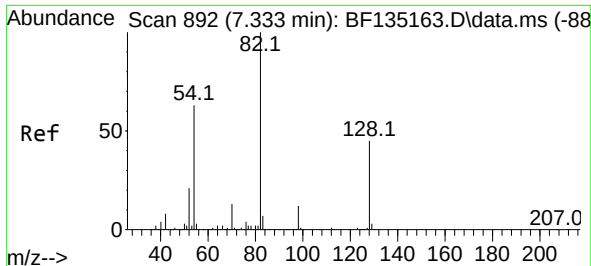
Tgt Ion: 99 Resp: 1033661
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion: 136 Resp: 579520
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.3 7.7 11.5
68 7.0 4.6 6.8#

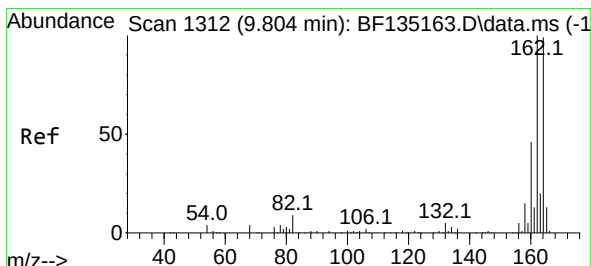
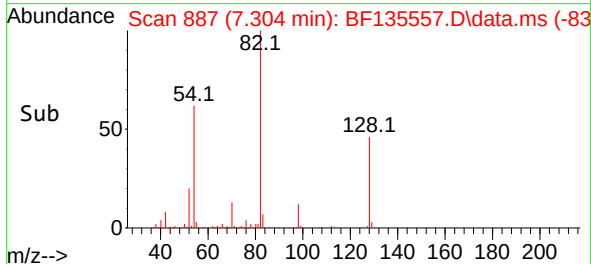
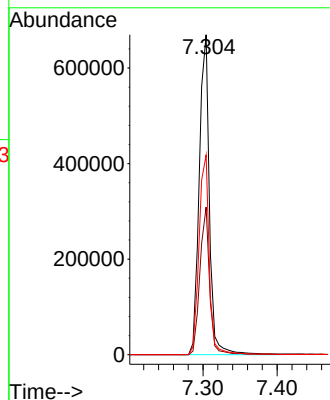
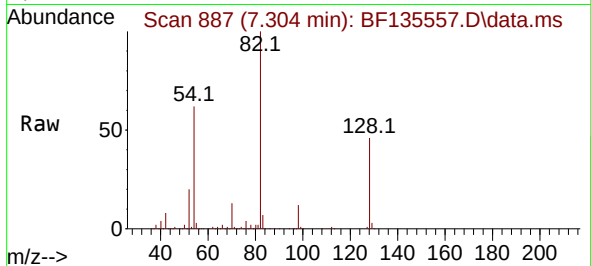




#23
Nitrobenzene-d5
Concen: 59.705 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

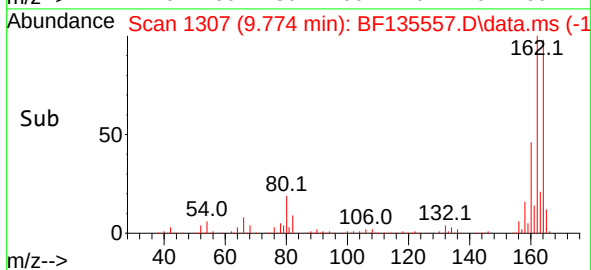
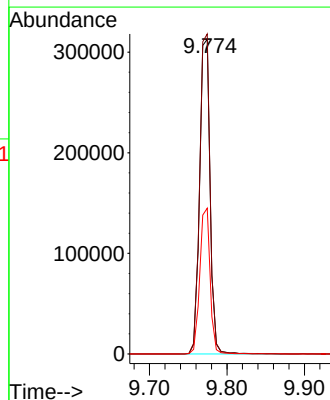
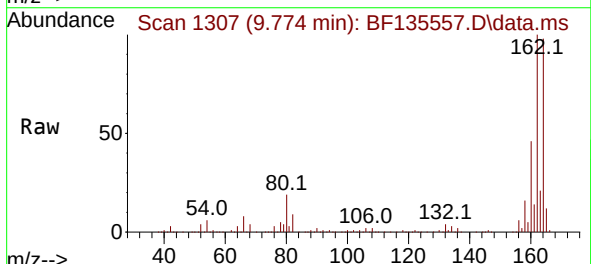
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-12

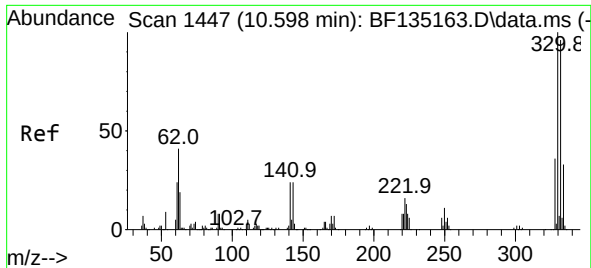
Tgt Ion: 82 Resp: 636858
Ion Ratio Lower Upper
82 100
128 46.2 35.8 53.6
54 62.4 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

Tgt Ion:164 Resp: 292859
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 46.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 79.729 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135557.D

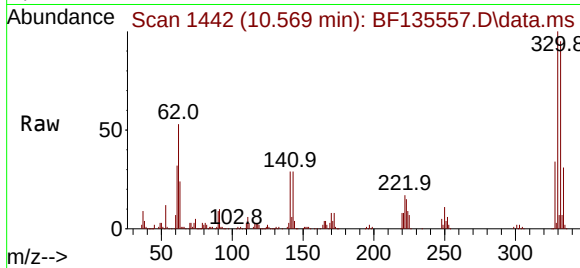
Acq: 03 Oct 2023 23:26

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-12



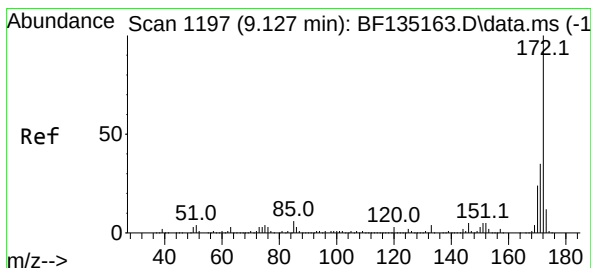
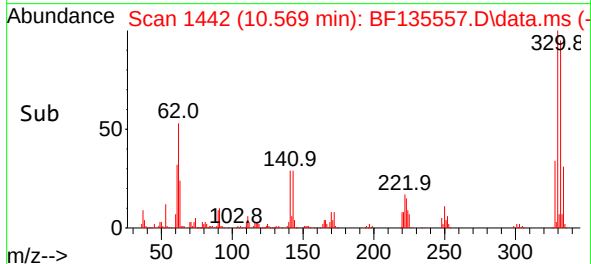
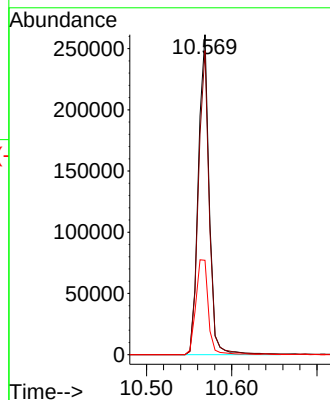
Tgt Ion:330 Resp: 232035

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.621 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135557.D

Acq: 03 Oct 2023 23:26

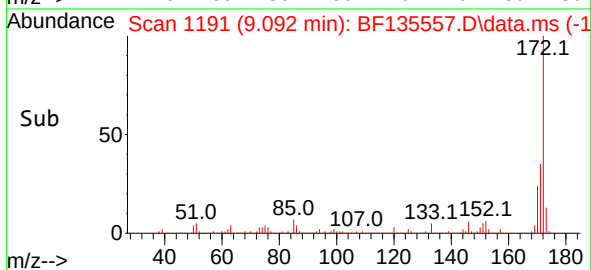
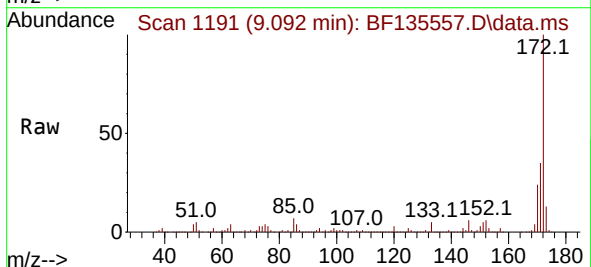
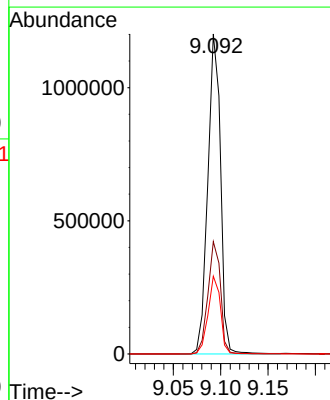
Tgt Ion:172 Resp: 1118493

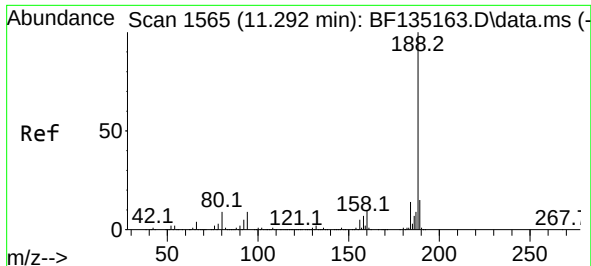
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.3 19.0 28.4

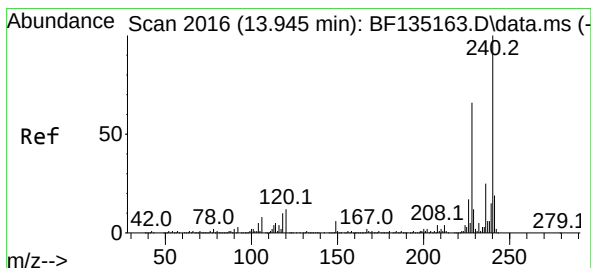
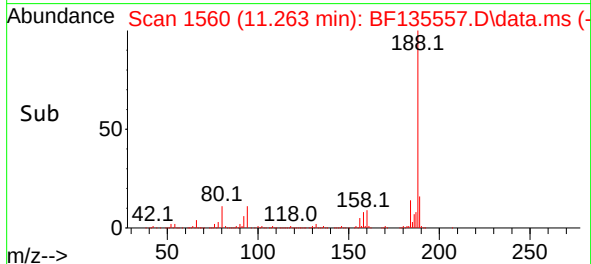
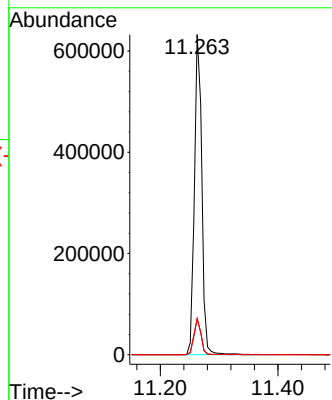
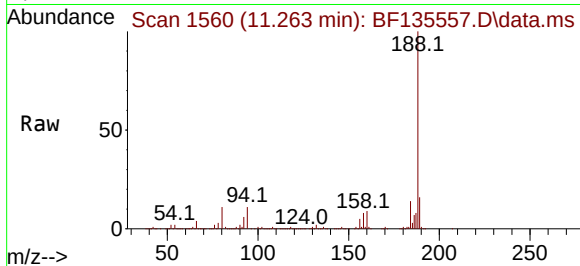




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

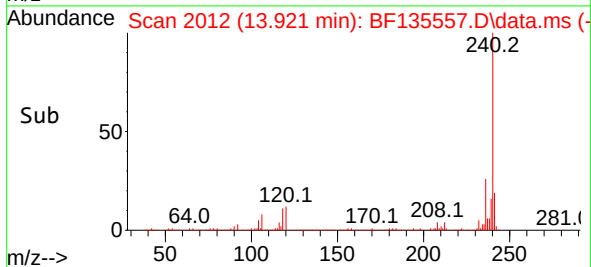
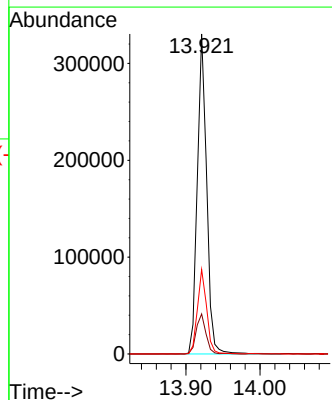
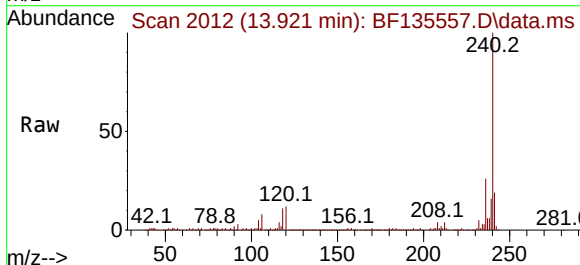
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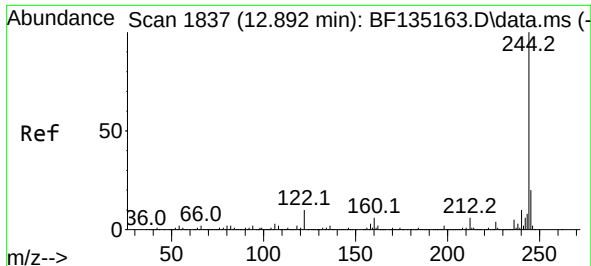
Tgt Ion:188 Resp: 552576
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135557.D
Acq: 03 Oct 2023 23:26

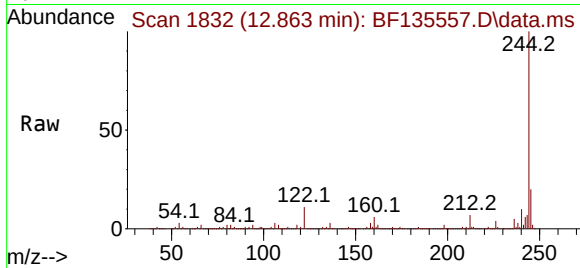
Tgt Ion:240 Resp: 289011
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 26.4 19.8 29.8



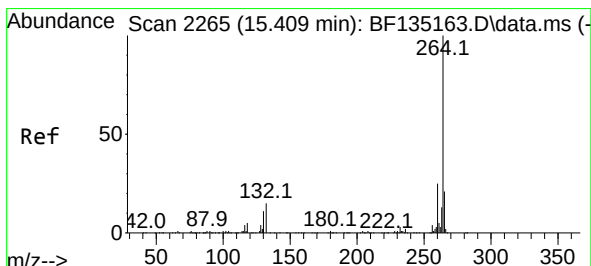
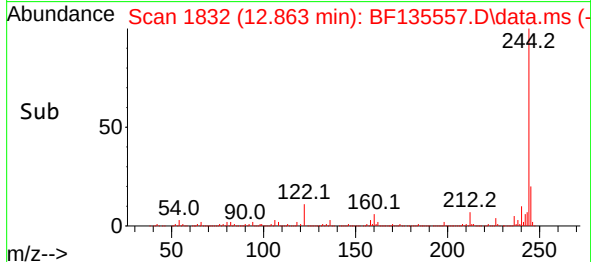
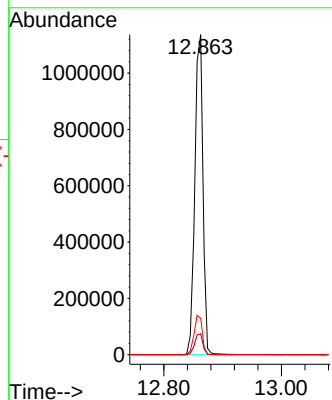


#79
 Terphenyl-d14
 Concen: 58.340 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF135557.D
 Acq: 03 Oct 2023 23:26

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-12



Tgt Ion:244 Resp: 1087661
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. -0.000 min
 Lab File: BF135557.D
 Acq: 03 Oct 2023 23:26

Tgt Ion:264 Resp: 316882
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 20.5 17.0 25.4

