

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135085.D
 Acq On : 01 Sep 2023 19:49
 Operator : CG\JU
 Sample : 04210-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082923

Quant Time: Sep 02 00:14:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	79968	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	292714	20.000	ng	-0.01
39) Acenaphthene-d10	9.804	164	125262	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	219087	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	200843	20.000	ng	-0.01
86) Perylene-d12	15.421	264	164541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	200133	38.657	ng	0.00
7) Phenol-d6	6.398	99	227941	35.323	ng	-0.02
23) Nitrobenzene-d5	7.328	82	133862	25.692	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	46838	35.249	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	221472	28.786	ng	-0.01
79) Terphenyl-d14	12.898	244	246375	20.019	ng	0.00

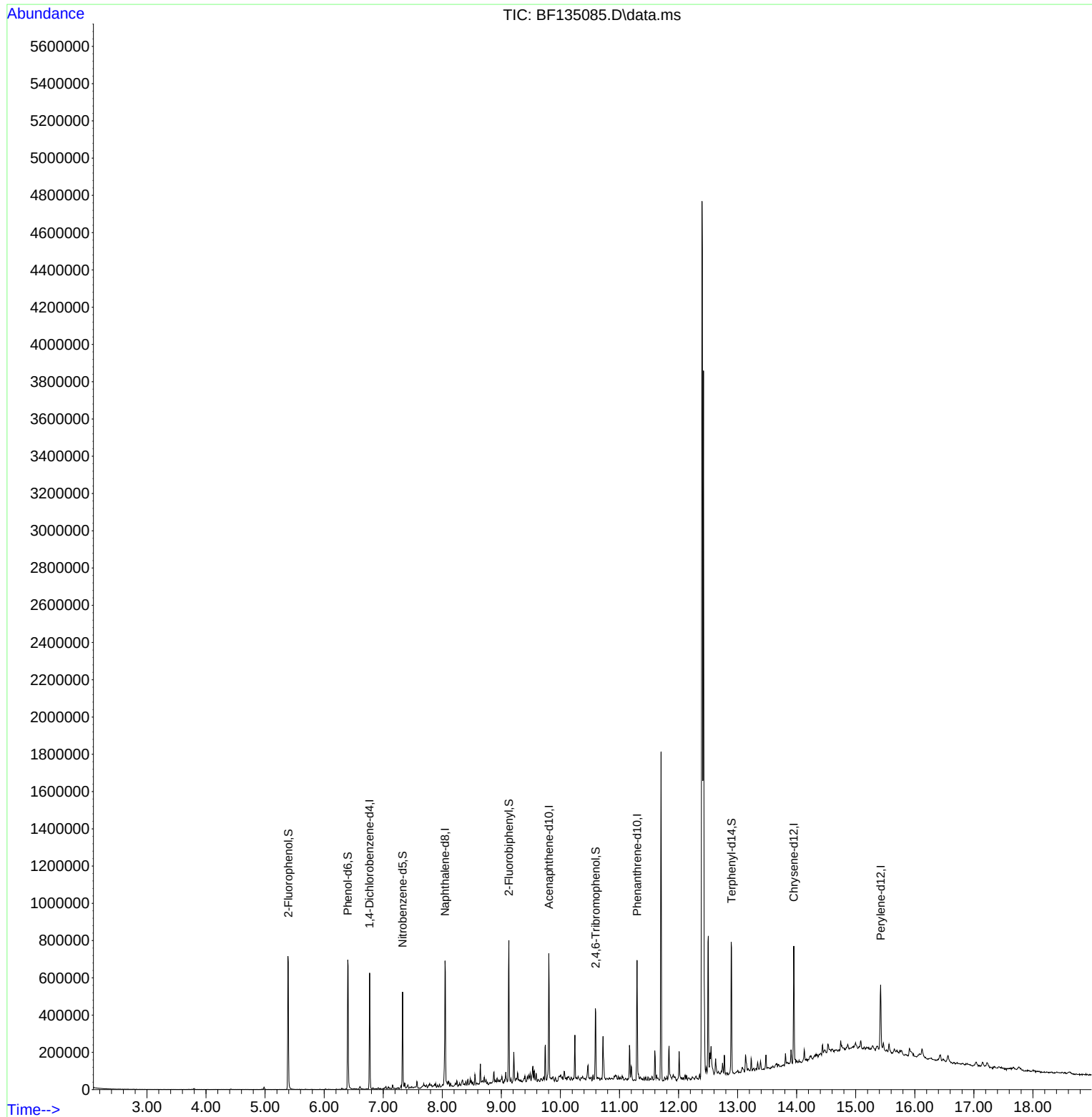
Target Compounds	Qvalue

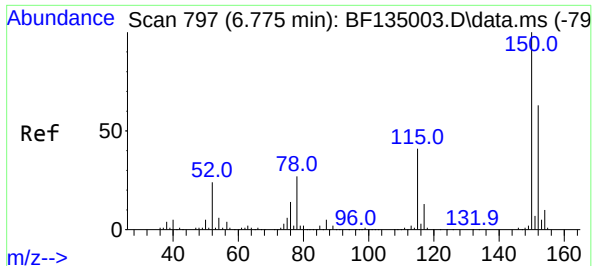
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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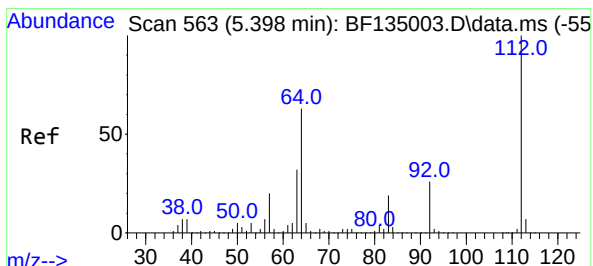
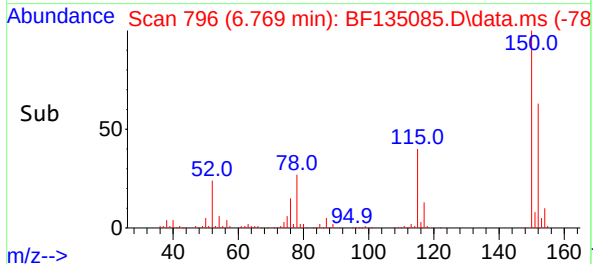
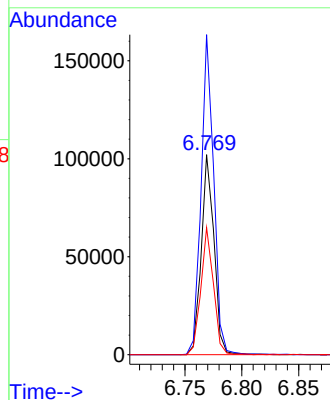
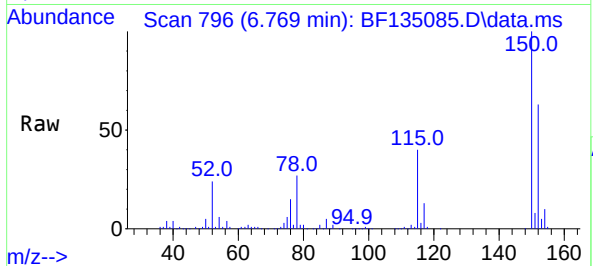




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

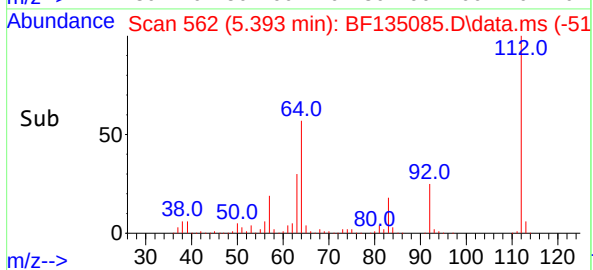
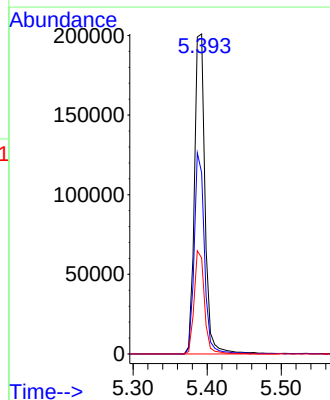
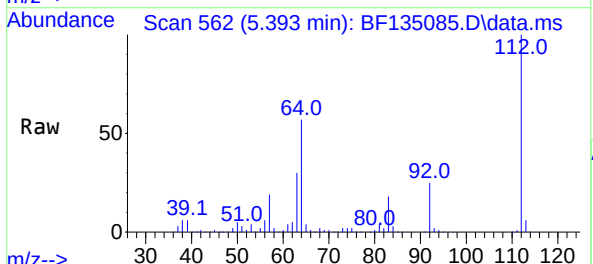
Instrument :
BNA_F
ClientSampleId :
TR-04-082923

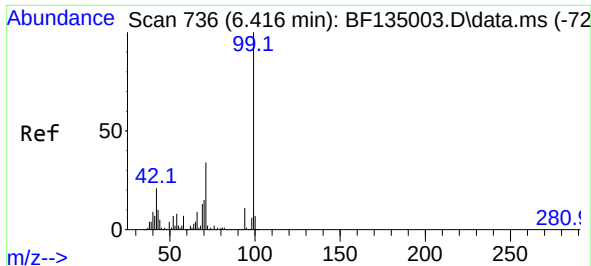
Tgt Ion:152 Resp: 79968
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.4
115 63.5 51.2 76.8



#5
2-Fluorophenol
Concen: 38.657 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

Tgt Ion:112 Resp: 200133
Ion Ratio Lower Upper
112 100
64 56.7 50.5 75.7
63 30.0 25.9 38.9

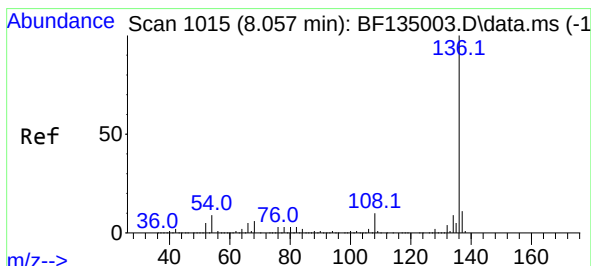
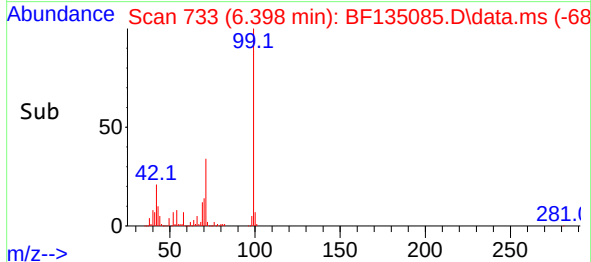
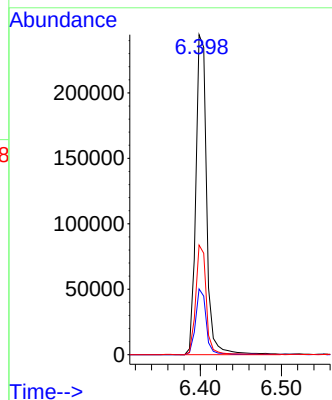
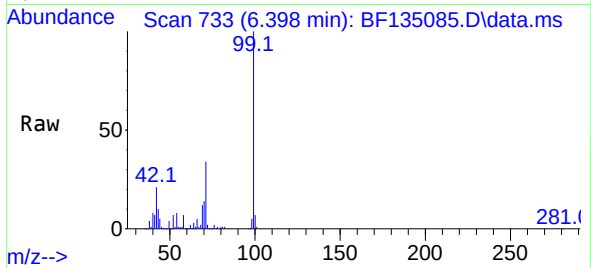




#7
Phenol-d6
Concen: 35.323 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

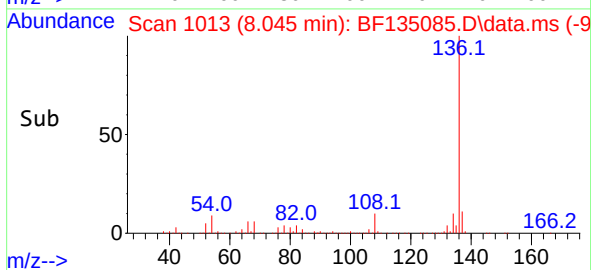
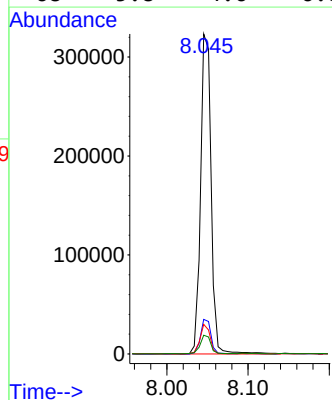
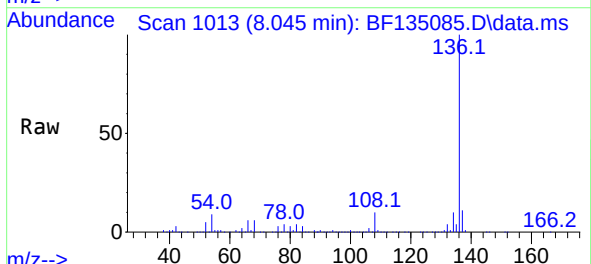
Instrument :
BNA_F
ClientSampleId :
TR-04-082923

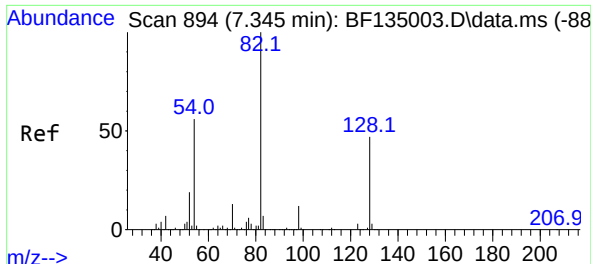
Tgt Ion: 99 Resp: 227941
Ion Ratio Lower Upper
99 100
42 20.5 16.6 25.0
71 34.2 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 136 Resp: 292714
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.0 10.4
68 5.8 4.6 6.8

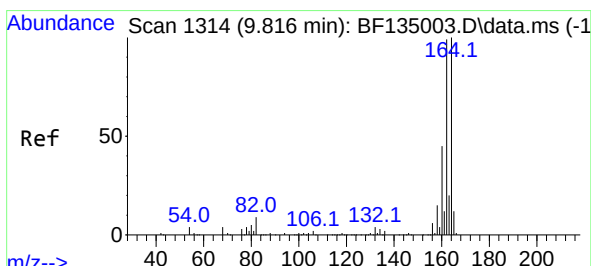
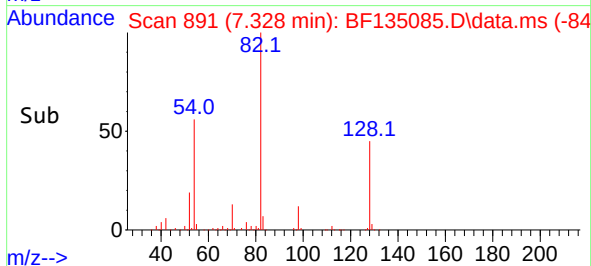
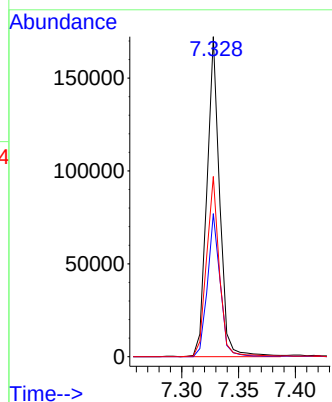
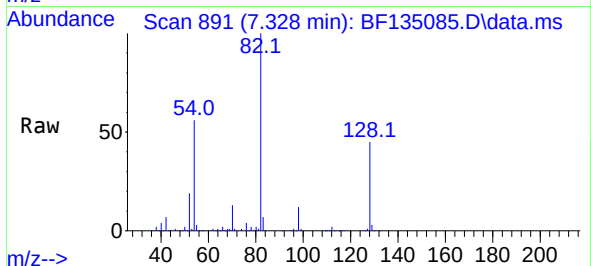




#23
Nitrobenzene-d5
Concen: 25.692 ng
RT: 7.328 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

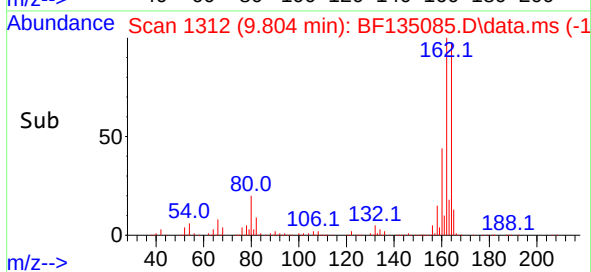
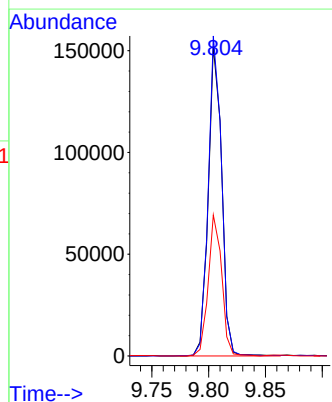
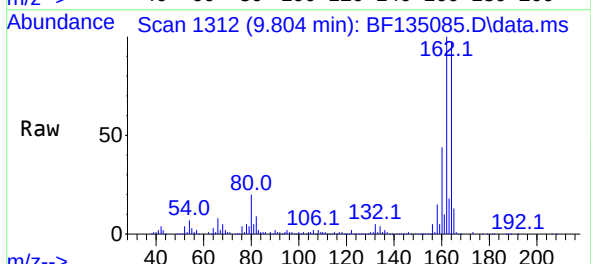
Instrument :
BNA_F
ClientSampleId :
TR-04-082923

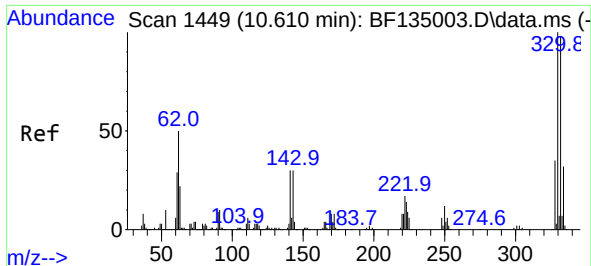
Tgt Ion: 82 Resp: 133862
Ion Ratio Lower Upper
82 100
128 44.7 37.8 56.8
54 56.3 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 164 Resp: 125262
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 35.249 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

Instrument :

BNA_F

ClientSampleId :

TR-04-082923

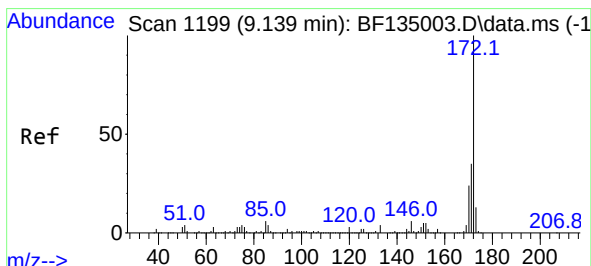
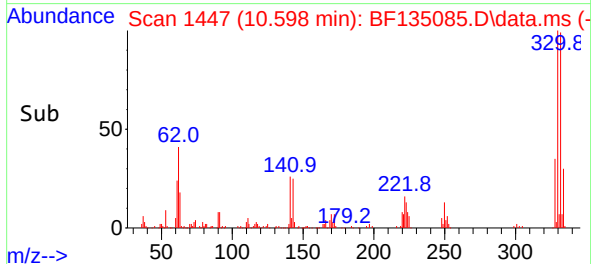
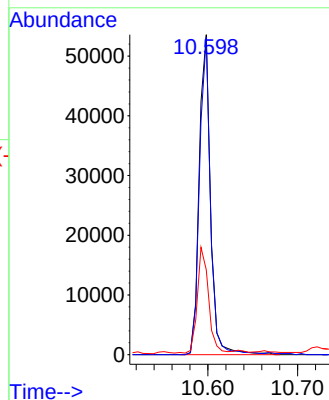
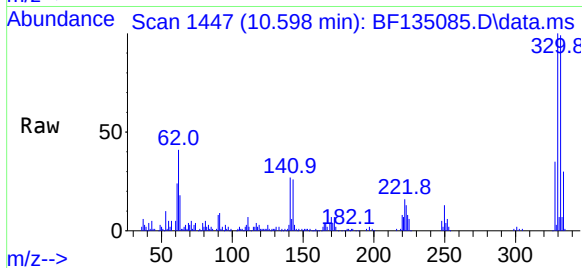
Tgt Ion:330 Resp: 46838

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 28.786 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135085.D

Acq: 01 Sep 2023 19:49

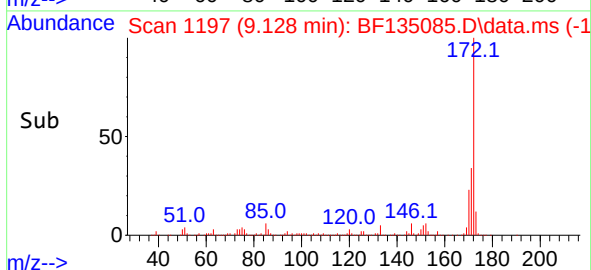
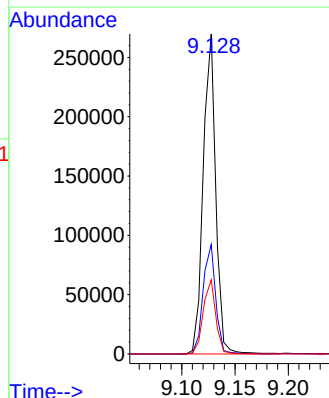
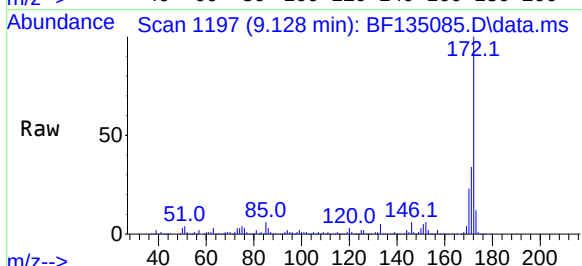
Tgt Ion:172 Resp: 221472

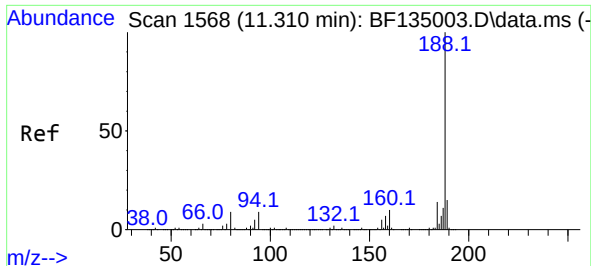
Ion Ratio Lower Upper

172 100

171 34.2 28.2 42.2

170 23.2 19.0 28.4

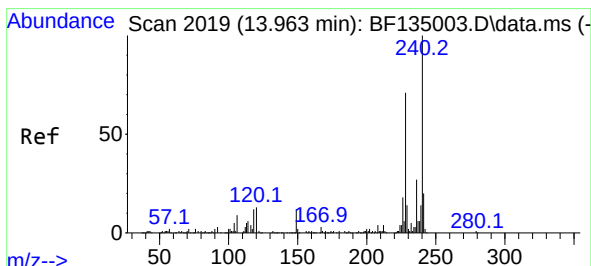
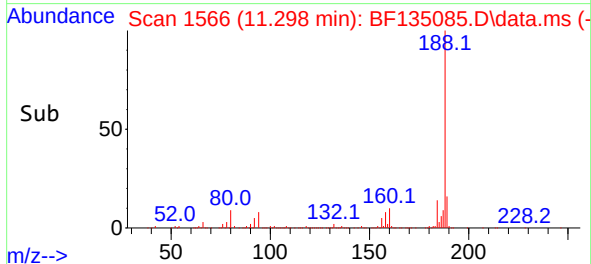
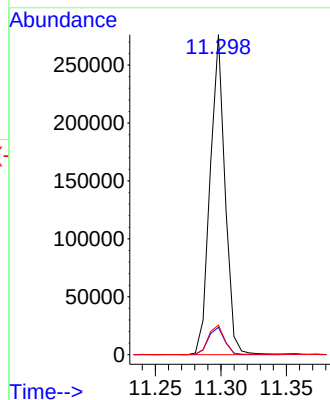
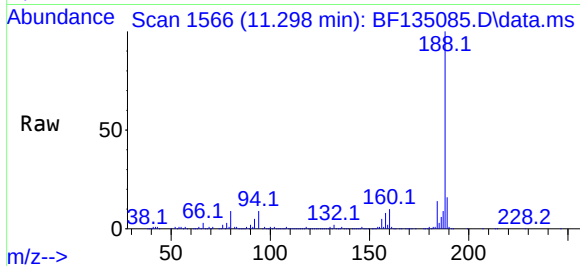




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

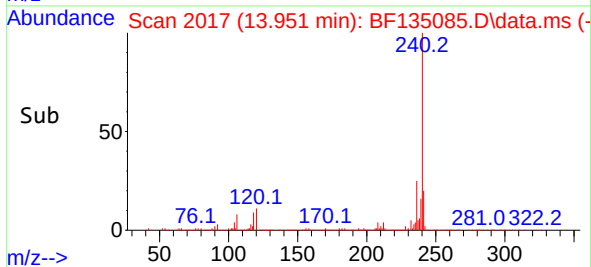
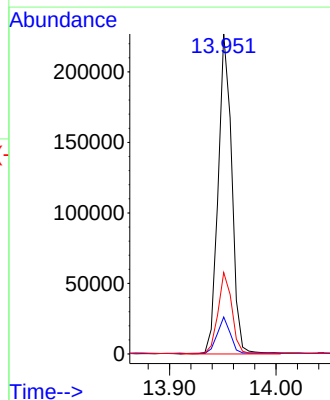
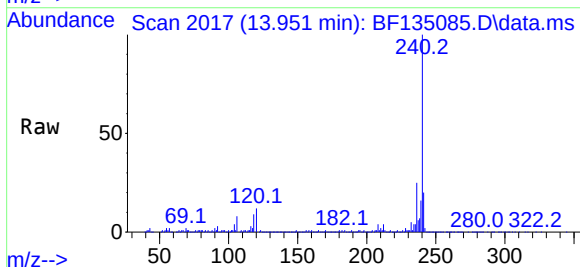
Instrument :
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TR-04-082923

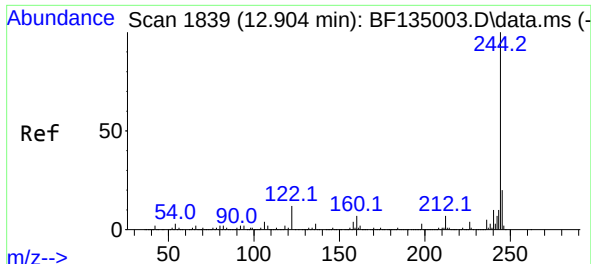
Tgt Ion:188 Resp: 219087
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135085.D
Acq: 01 Sep 2023 19:49

Tgt Ion:240 Resp: 200843
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.2
236 25.4 21.3 31.9

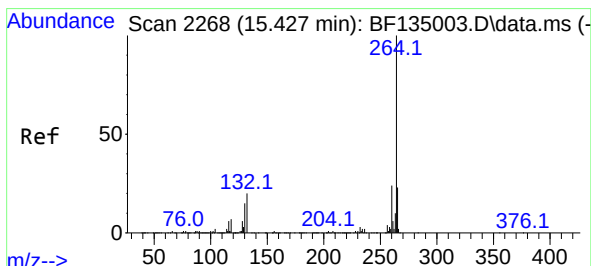
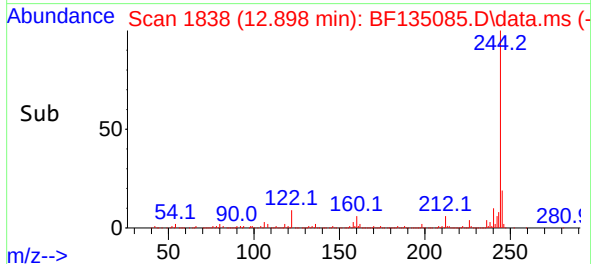
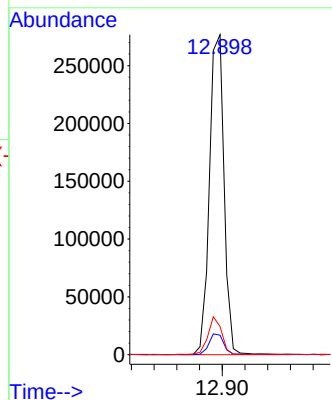
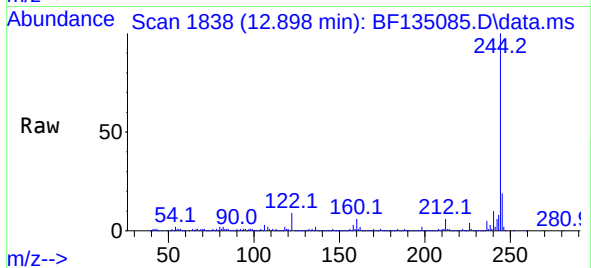




#79
 Terphenyl-d14
 Concen: 20.019 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135085.D
 Acq: 01 Sep 2023 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082923

Tgt Ion:244 Resp: 246375
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.6 8.4
 122 8.8 9.8 14.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF135085.D
 Acq: 01 Sep 2023 19:49

Tgt Ion:264 Resp: 164541
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.1 18.2 27.2

