

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135786.D
 Acq On : 16 Oct 2023 20:20
 Operator : CG\JU
 Sample : 04656-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-10022023

Quant Time: Oct 17 01:57:59 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	6.734	152	100953	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	378703	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	187250	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	360418	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	202296	20.000	ng	-0.02
86) Perylene-d12	15.410	264	218363	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	470544	74.938	ng	0.00
7) Phenol-d6	6.387	99	394393	50.340	ng	-0.01
23) Nitrobenzene-d5	7.304	82	624958	90.763	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	219931	122.401	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1097790	91.664	ng	0.00
79) Terphenyl-d14	12.869	244	1096459	100.375	ng	-0.01

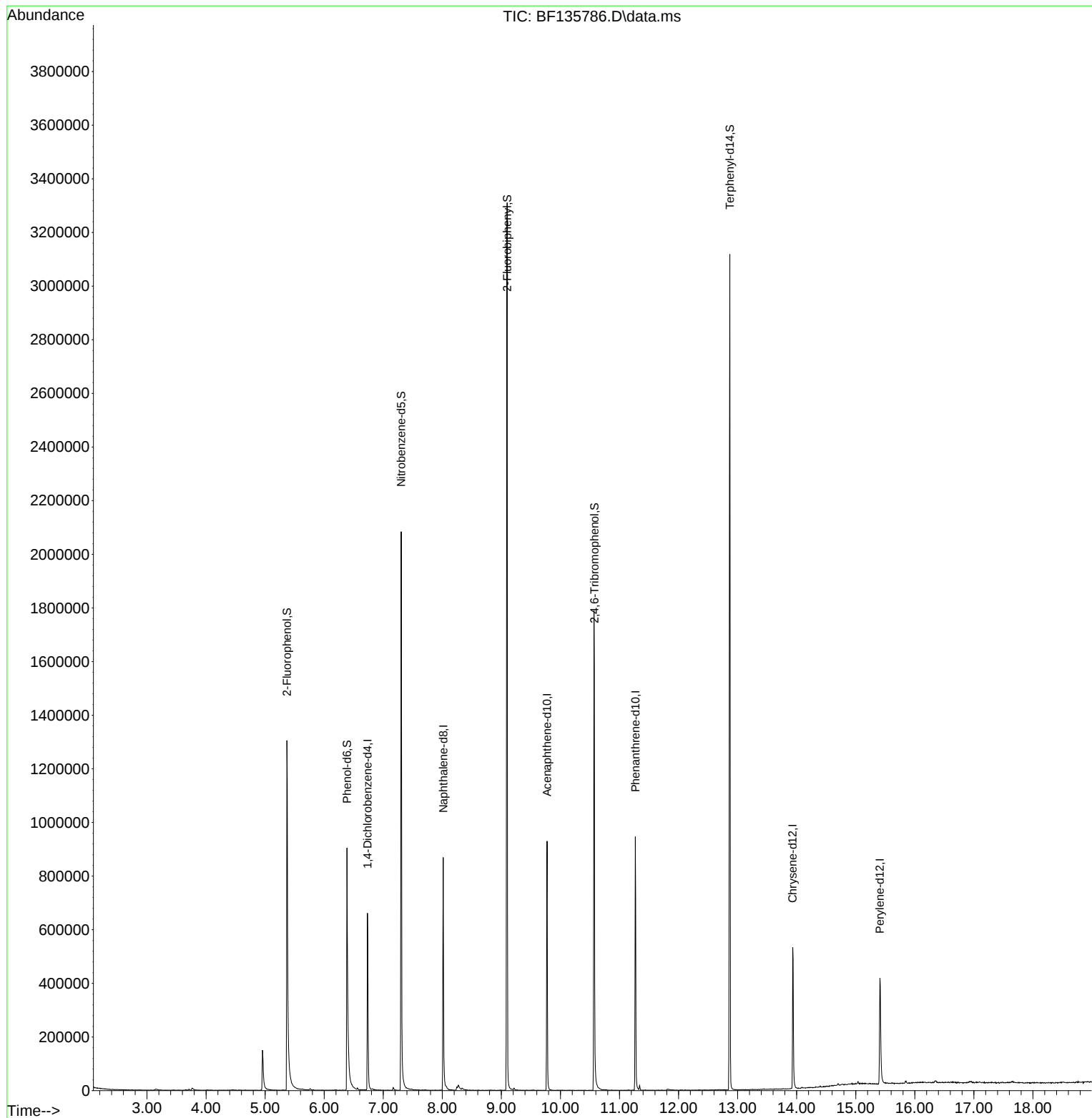
Target Compounds	Qvalue

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

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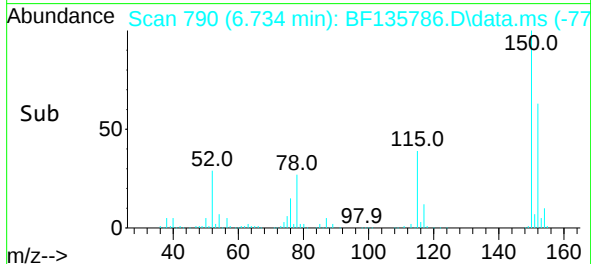
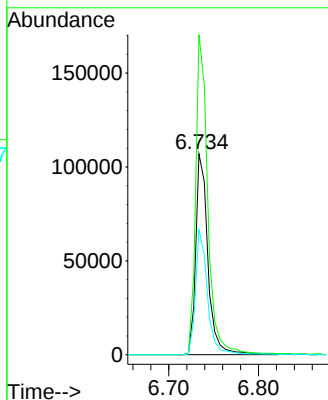
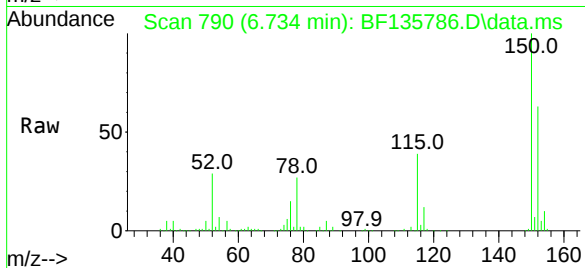




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135786.D
 Acq: 16 Oct 2023 20:20

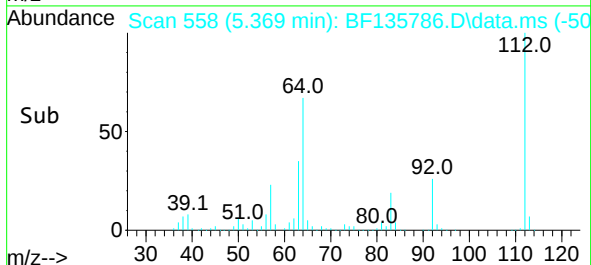
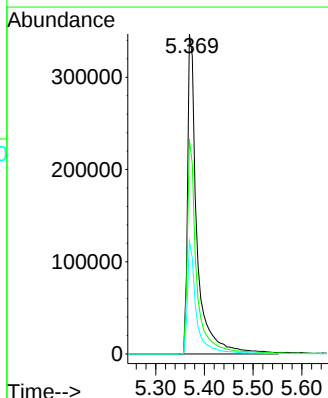
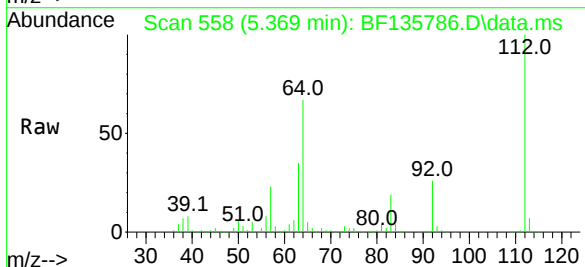
Instrument :
 BNA_F
 ClientSampleId :
 FB-10022023

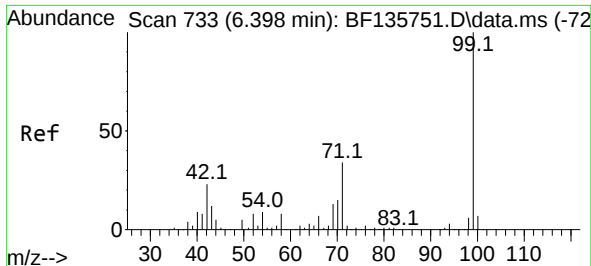
Tgt Ion:152 Resp: 100953
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.5 186.7
 115 62.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 74.938 ng
 RT: 5.369 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: BF135786.D
 Acq: 16 Oct 2023 20:20

Tgt Ion:112 Resp: 470544
 Ion Ratio Lower Upper
 112 100
 64 67.1 51.2 76.8
 63 35.2 26.1 39.1

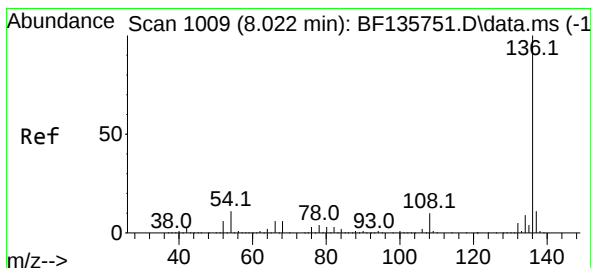
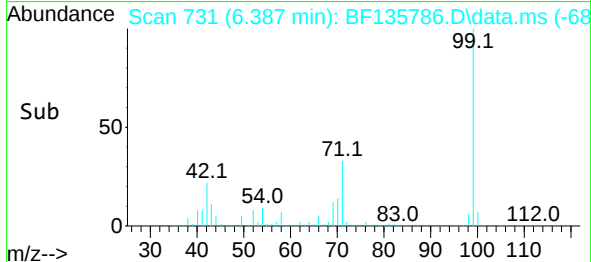
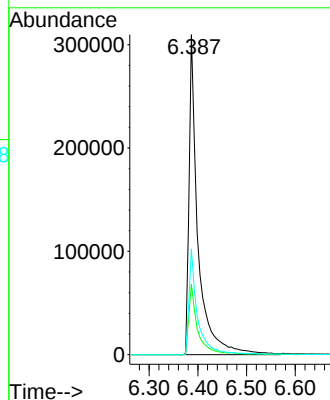
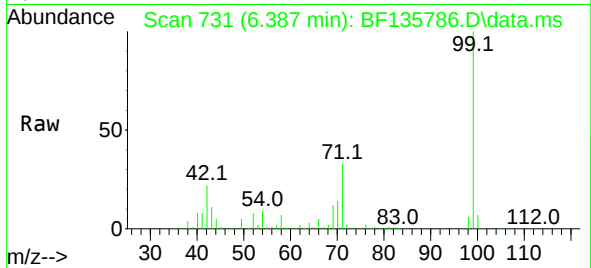




#7
Phenol-d6
Concen: 50.340 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135786.D
Acq: 16 Oct 2023 20:20

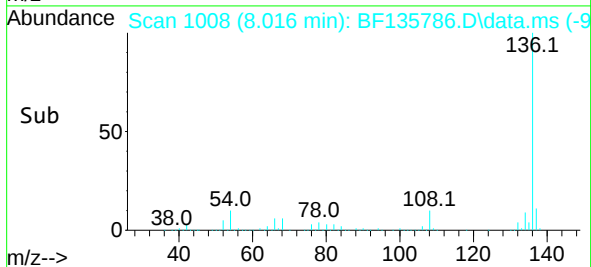
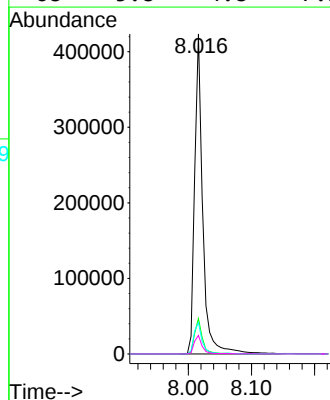
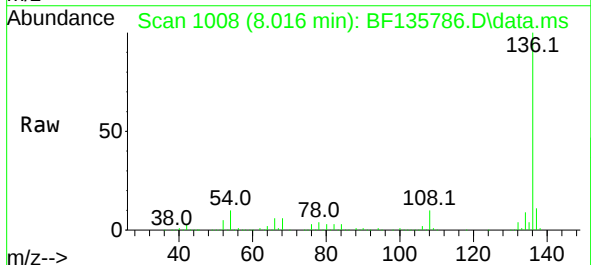
Instrument :
BNA_F
ClientSampleId :
FB-10022023

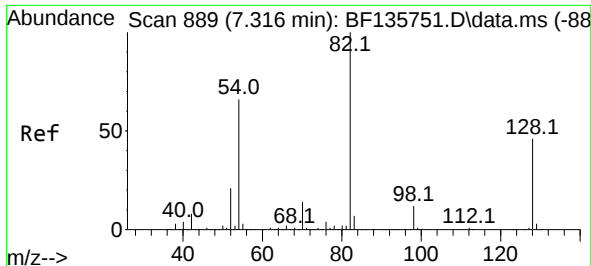
Tgt Ion: 99 Resp: 394393
Ion Ratio Lower Upper
99 100
42 22.1 18.4 27.6
71 33.0 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135786.D
Acq: 16 Oct 2023 20:20

Tgt Ion: 136 Resp: 378703
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.8 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.763 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135786.D

Acq: 16 Oct 2023 20:20

Instrument :

BNA_F

ClientSampleId :

FB-10022023

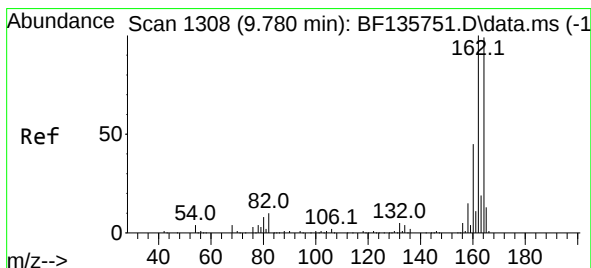
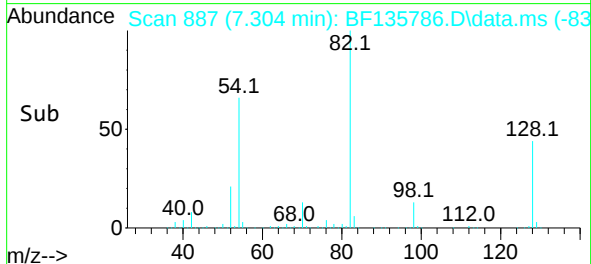
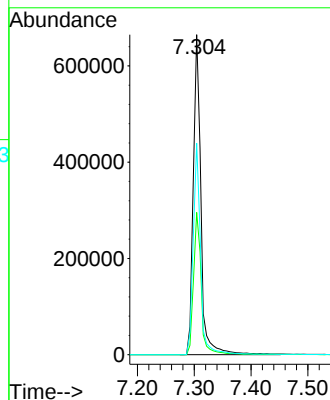
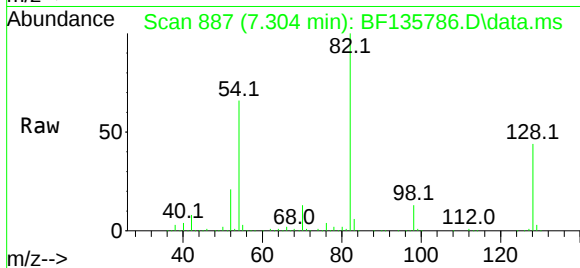
Tgt Ion: 82 Resp: 624958

Ion Ratio Lower Upper

82 100

128 44.5 37.0 55.6

54 66.1 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: BF135786.D

Acq: 16 Oct 2023 20:20

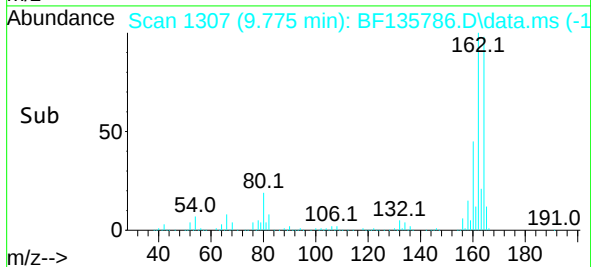
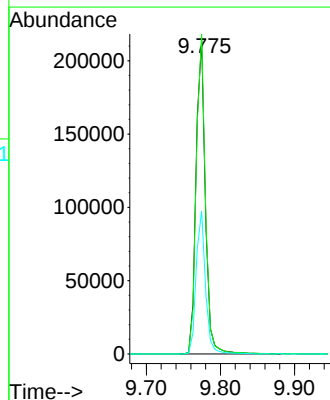
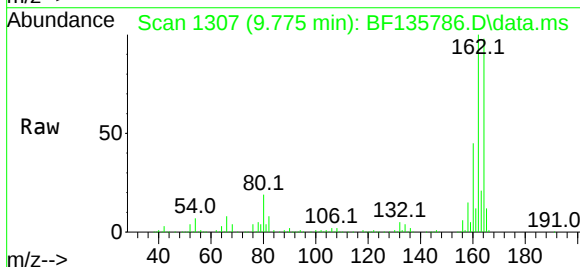
Tgt Ion:164 Resp: 187250

Ion Ratio Lower Upper

164 100

162 102.0 80.8 121.2

160 45.6 36.6 54.8

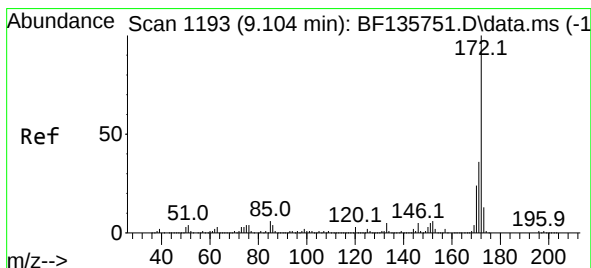
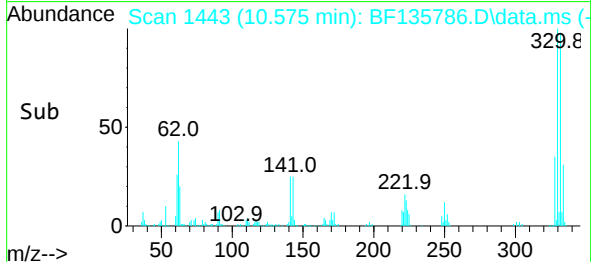
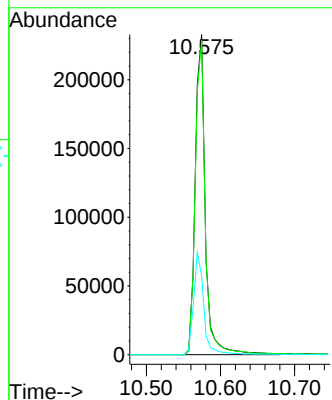
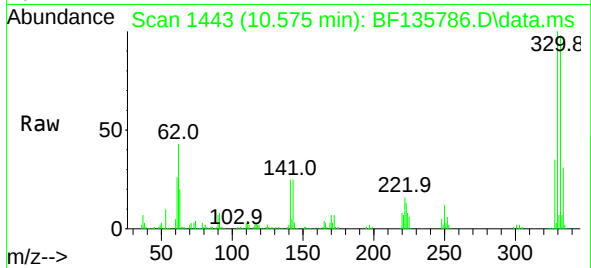




#42
2,4,6-Tribromophenol
Concen: 122.401 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.012 min
Lab File: BF135786.D
Acq: 16 Oct 2023 20:20

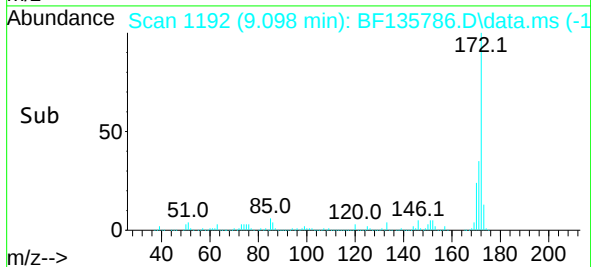
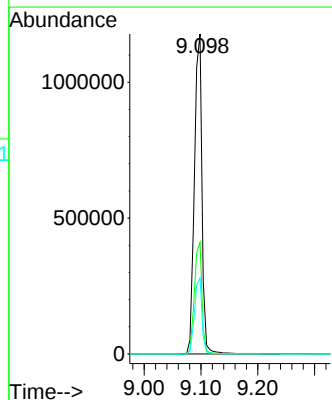
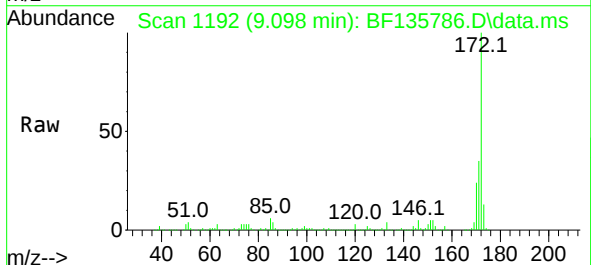
Instrument :
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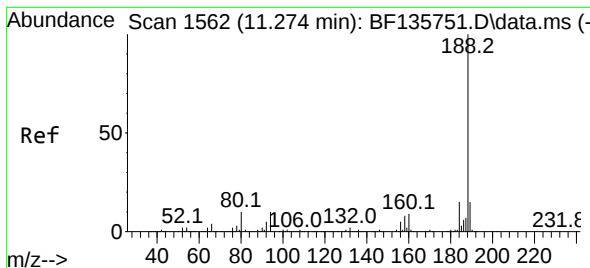
Tgt Ion:330 Resp: 219931
Ion Ratio Lower Upper
330 100
332 98.2 75.0 112.4
141 32.4 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 91.664 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135786.D
Acq: 16 Oct 2023 20:20

Tgt Ion:172 Resp: 1097790
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135786.D

Acq: 16 Oct 2023 20:20

Instrument :

BNA_F

ClientSampleId :

FB-10022023

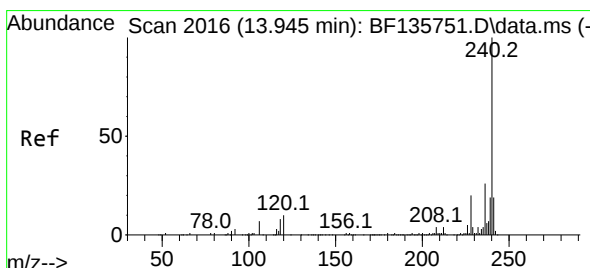
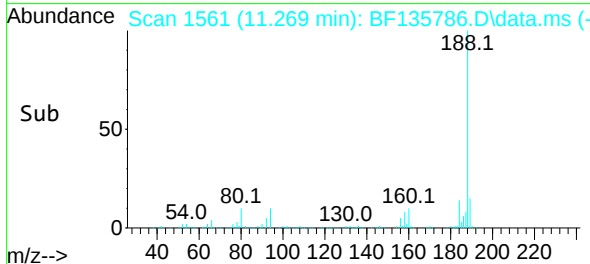
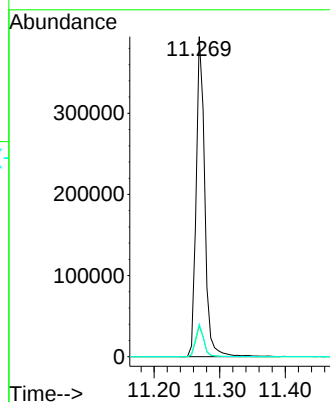
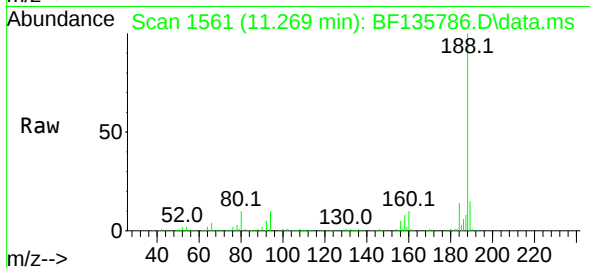
Tgt Ion:188 Resp: 360418

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.2 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: BF135786.D

Acq: 16 Oct 2023 20:20

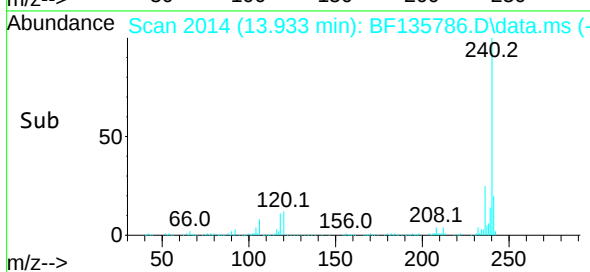
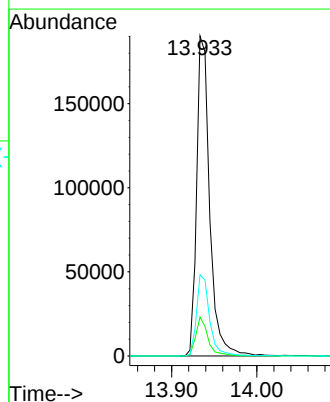
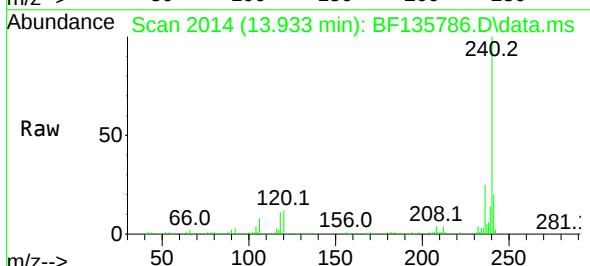
Tgt Ion:240 Resp: 202296

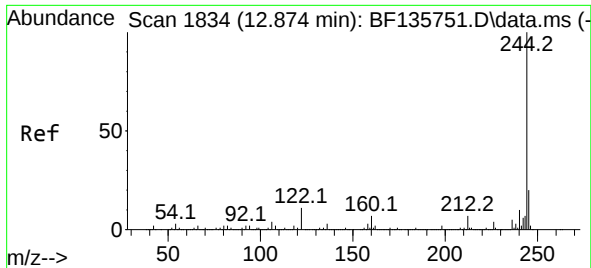
Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

236 25.4 21.2 31.8

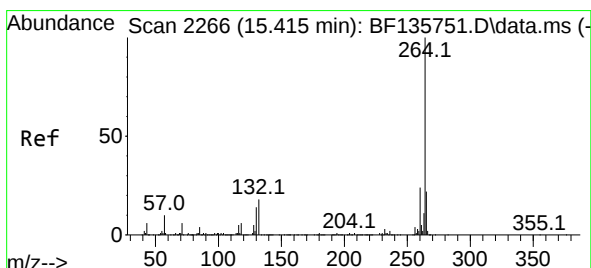
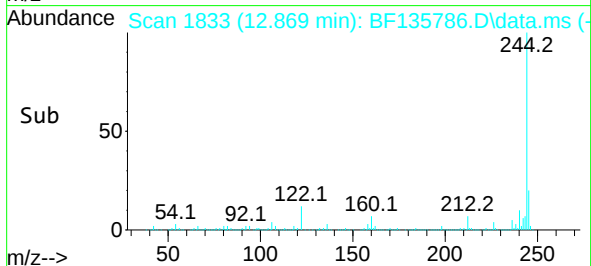
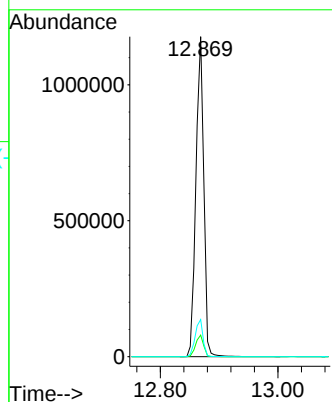
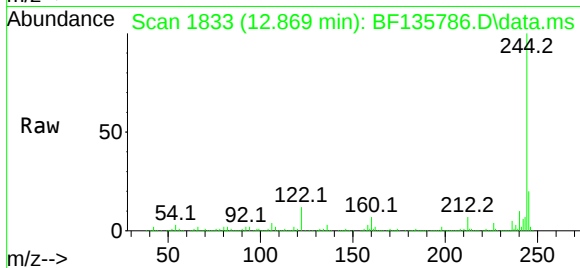




#79
 Terphenyl-d14
 Concen: 100.375 ng
 RT: 12.869 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF135786.D
 Acq: 16 Oct 2023 20:20

Instrument :
 BNA_F
 ClientSampleId :
 FB-10022023

Tgt Ion:244 Resp: 1096459
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.6 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: BF135786.D
 Acq: 16 Oct 2023 20:20

Tgt Ion:264 Resp: 218363
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.3 17.4 26.2

