

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135287.D
 Acq On : 15 Sep 2023 19:22
 Operator : CG\JU
 Sample : 04399-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Quant Time: Sep 16 01:54:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	113567	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	426610	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	203274	20.000	ng	-0.01
64) Phenanthrene-d10	11.281	188	330344	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	209151	20.000	ng	0.00
86) Perylene-d12	15.404	264	247869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	805002	115.288	ng	0.02
7) Phenol-d6	6.404	99	923589	104.023	ng	0.00
23) Nitrobenzene-d5	7.322	82	672307	85.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	242612	120.102	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1173833	87.123	ng	-0.01
79) Terphenyl-d14	12.886	244	932882	69.144	ng	0.00

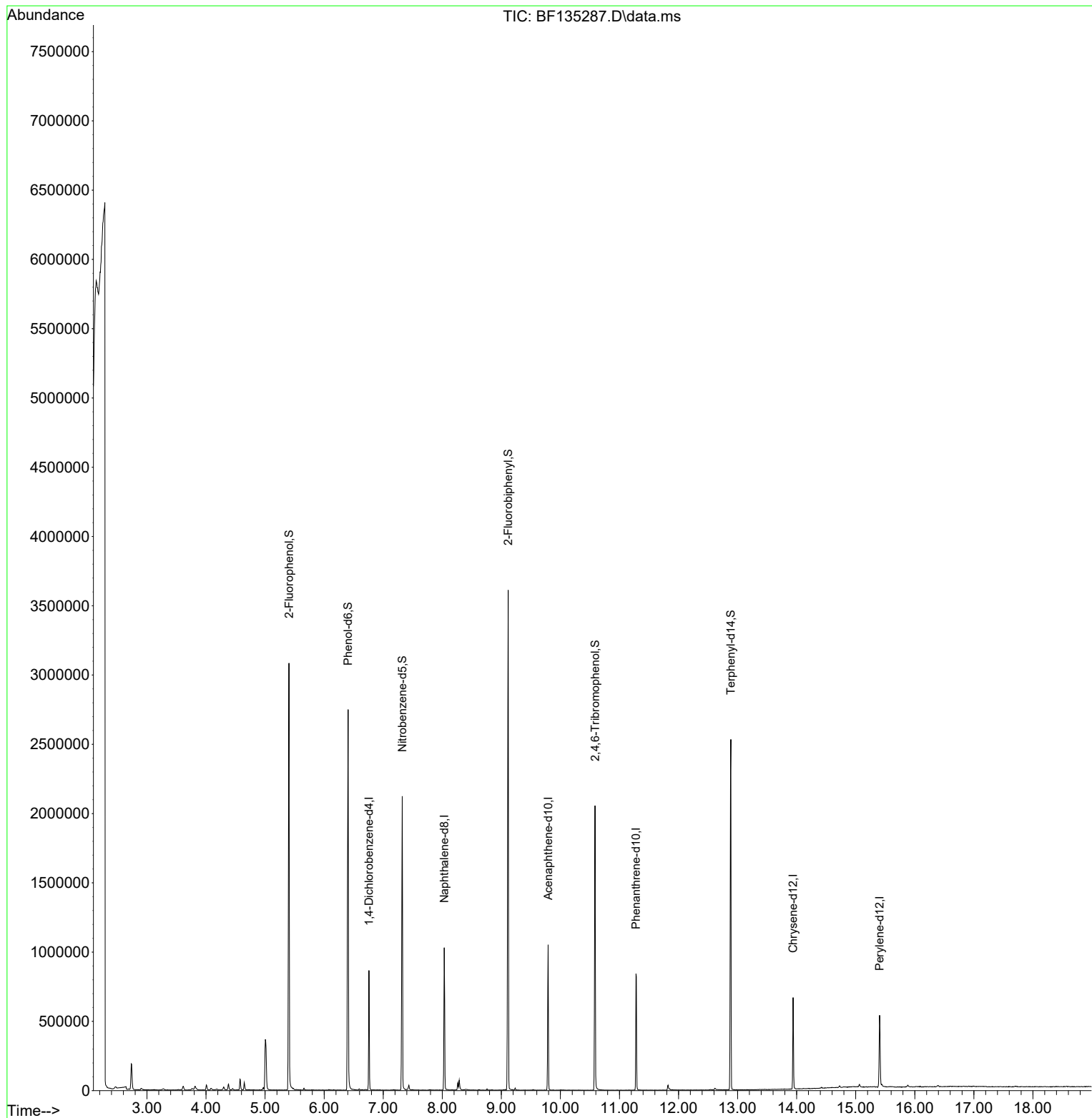
Target Compounds	Qvalue

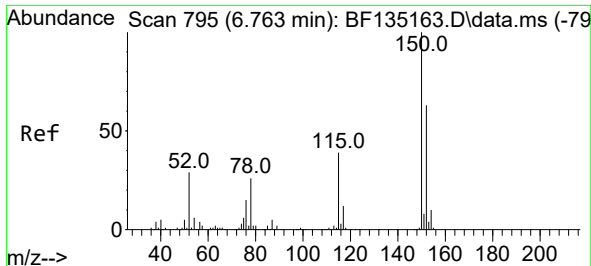
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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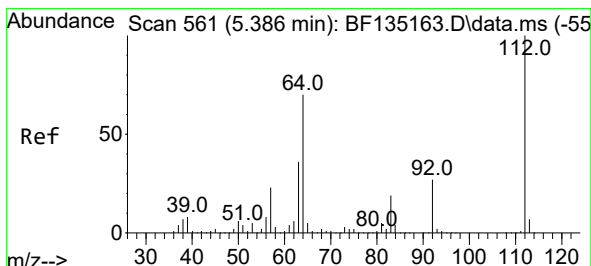
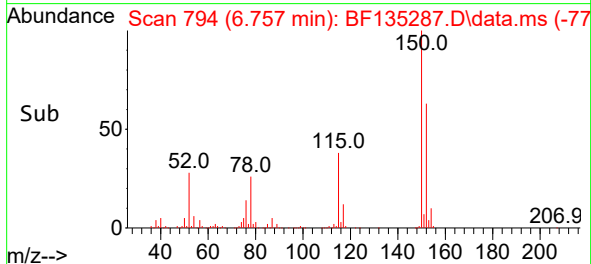
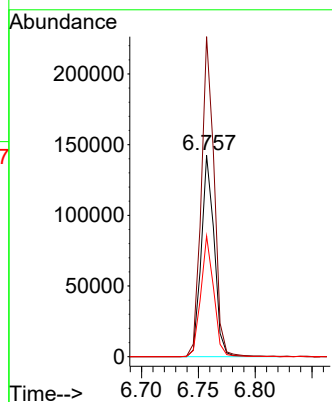
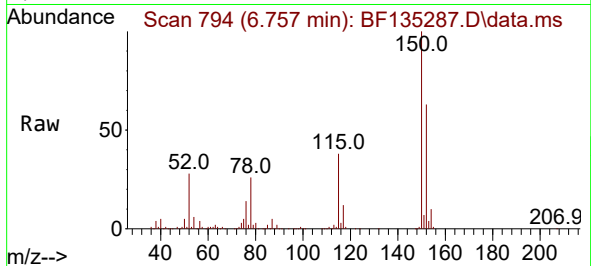




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

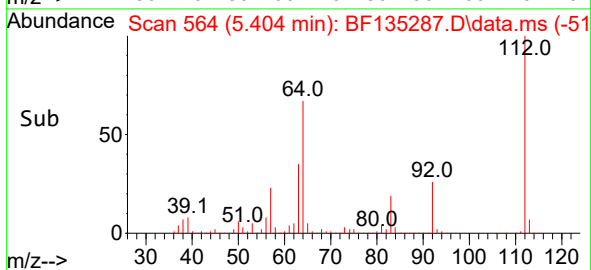
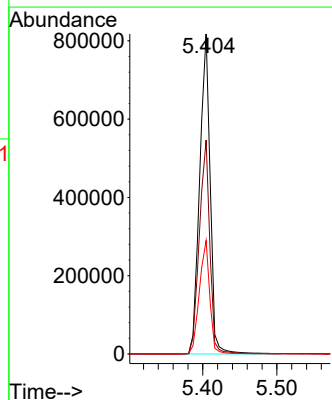
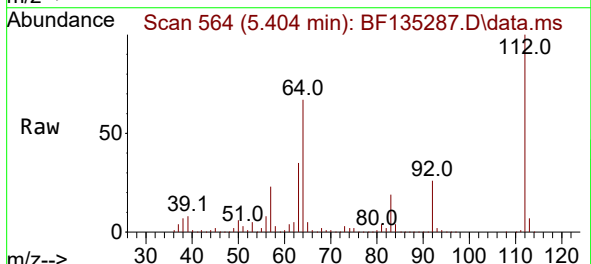
Instrument :
 BNA_F
 ClientSampleId :
 72-11930

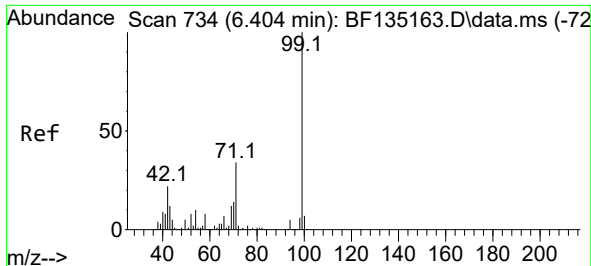
Tgt Ion:152 Resp: 113567
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.8 191.6
 115 60.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 115.288 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

Tgt Ion:112 Resp: 805002
 Ion Ratio Lower Upper
 112 100
 64 66.9 55.9 83.9
 63 35.4 29.0 43.6

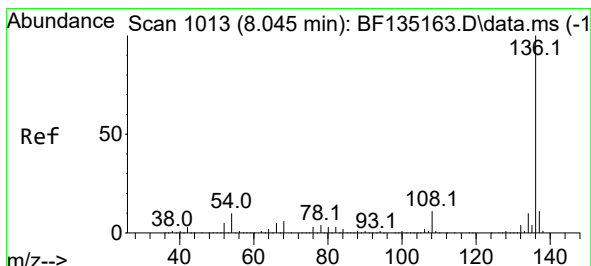
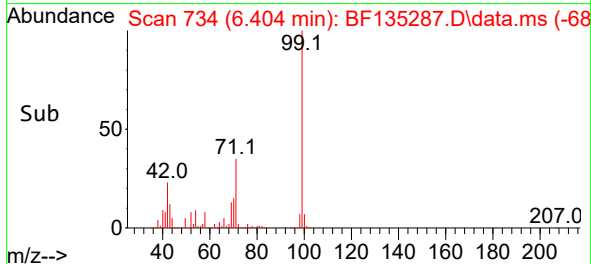
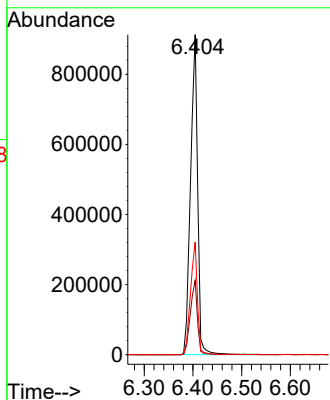
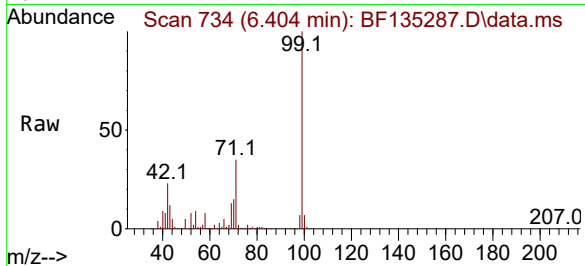




#7
Phenol-d6
Concen: 104.023 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

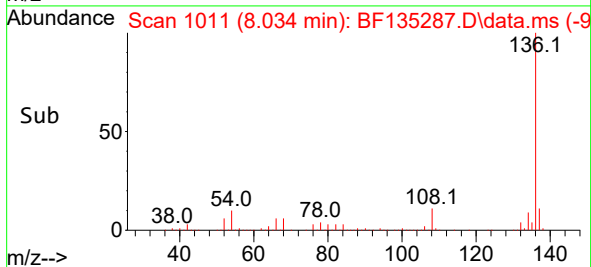
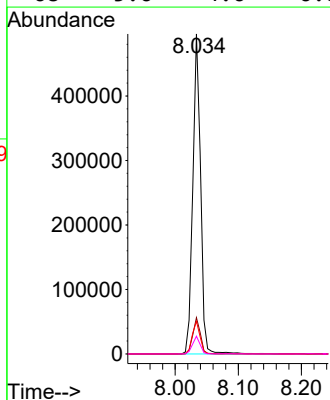
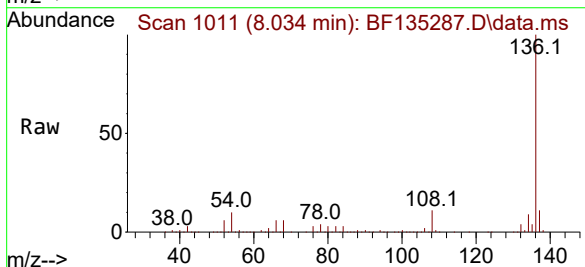
Instrument :
BNA_F
ClientSampleId :
72-11930

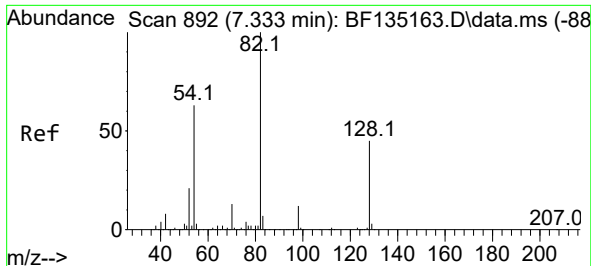
Tgt Ion: 99 Resp: 923589
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 35.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF135287.D
Acq: 15 Sep 2023 19:22

Tgt Ion:136 Resp: 426610
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.2 7.7 11.5
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 85.619 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135287.D

Acq: 15 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

72-11930

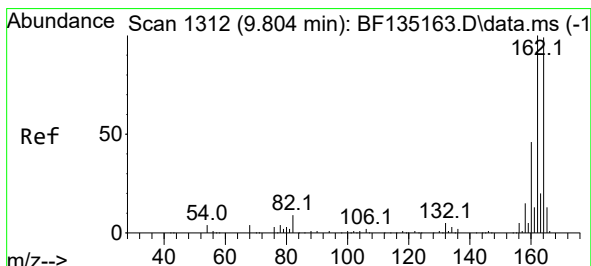
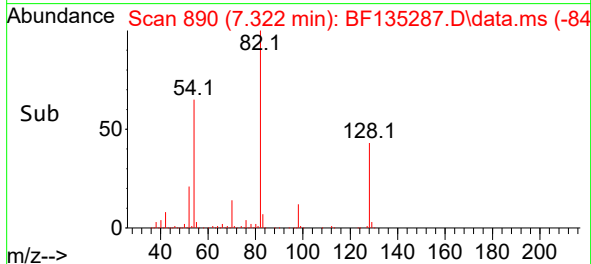
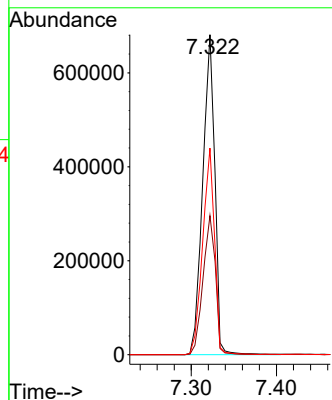
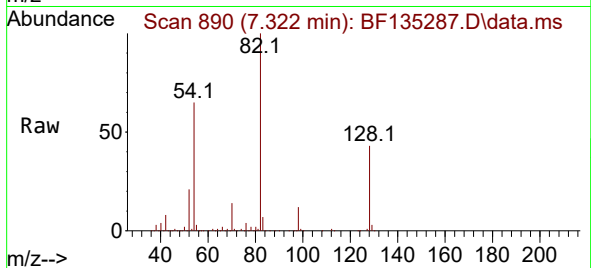
Tgt Ion: 82 Resp: 672307

Ion Ratio Lower Upper

82 100

128 43.5 35.8 53.6

54 64.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135287.D

Acq: 15 Sep 2023 19:22

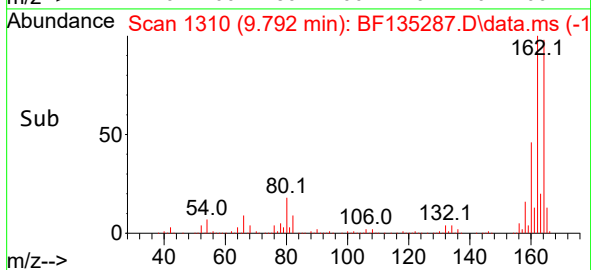
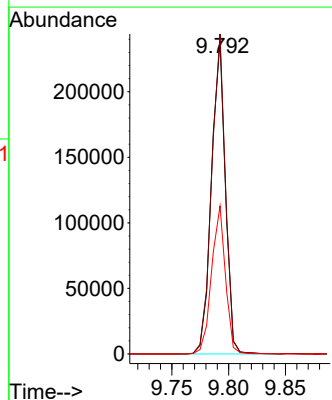
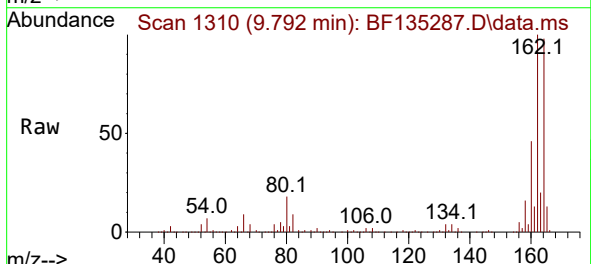
Tgt Ion: 164 Resp: 203274

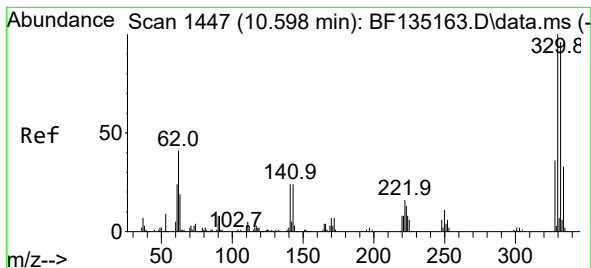
Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.4

160 47.3 37.0 55.4

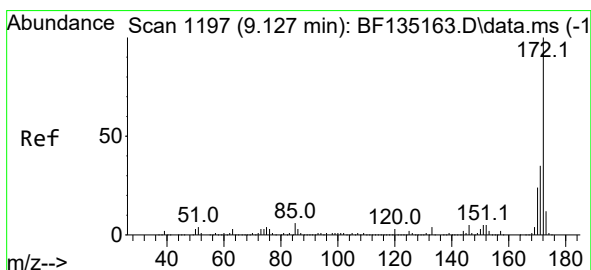
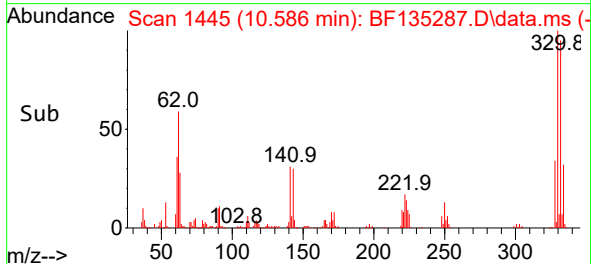
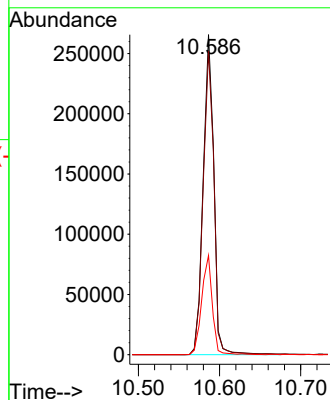
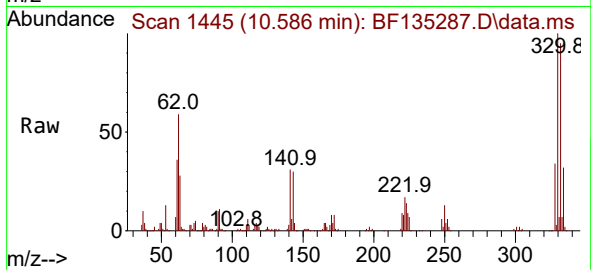




#42
 2,4,6-Tribromophenol
 Concen: 120.102 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.011 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

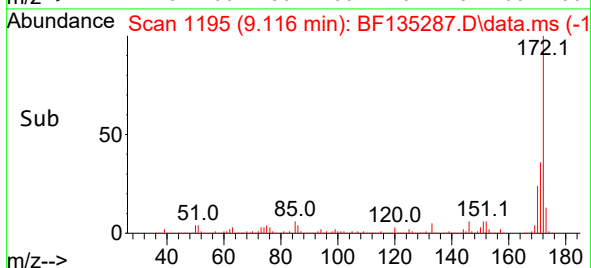
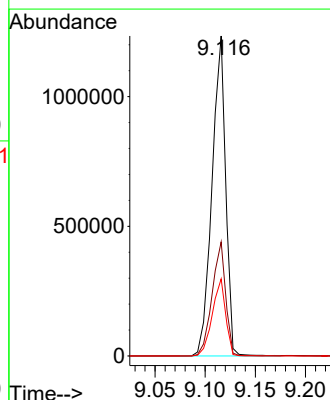
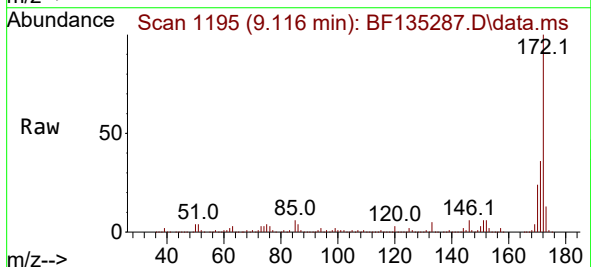
Instrument :
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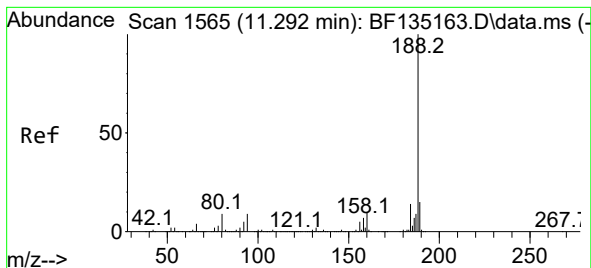
Tgt Ion:330 Resp: 242612
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 31.0 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 87.123 ng
 RT: 9.116 min Scan# 1195
 Delta R.T. -0.012 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

Tgt Ion:172 Resp: 1173833
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF135287.D

Acq: 15 Sep 2023 19:22

Instrument :

BNA_F

ClientSampleId :

72-11930

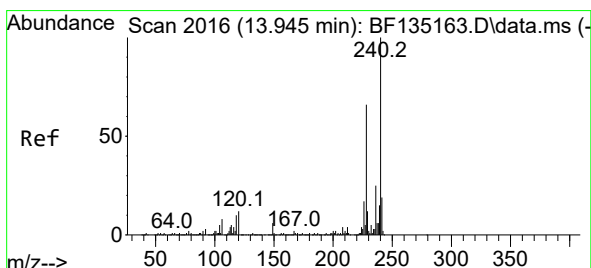
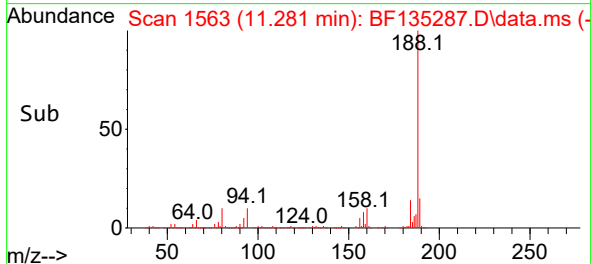
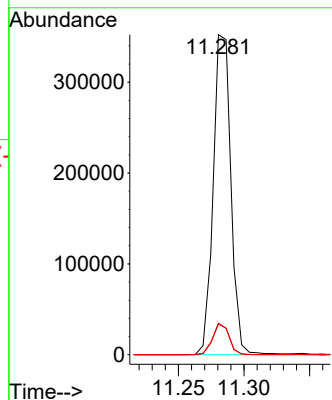
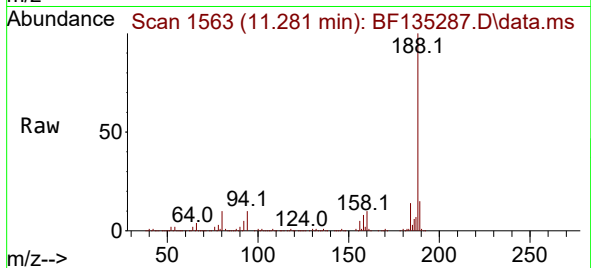
Tgt Ion:188 Resp: 330344

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 9.9 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135287.D

Acq: 15 Sep 2023 19:22

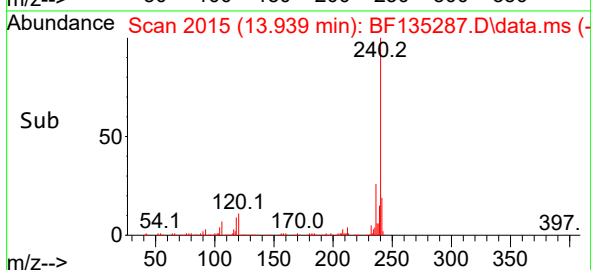
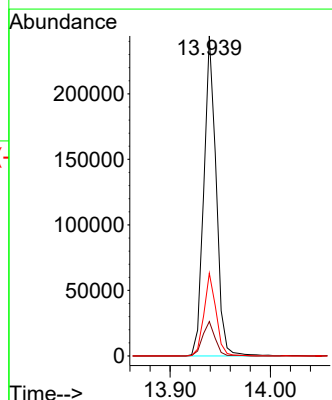
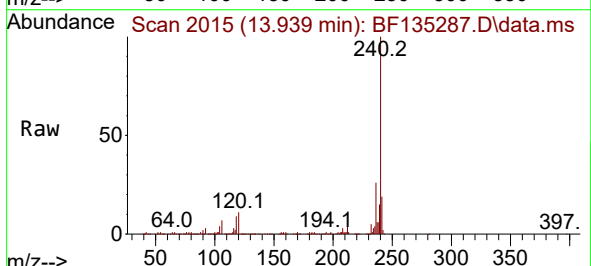
Tgt Ion:240 Resp: 209151

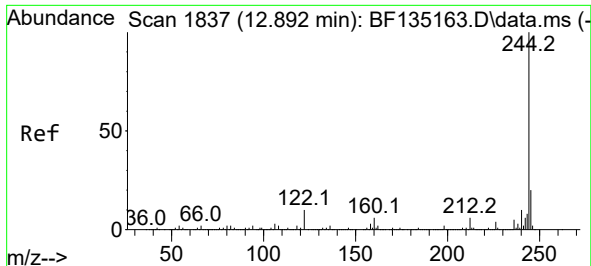
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

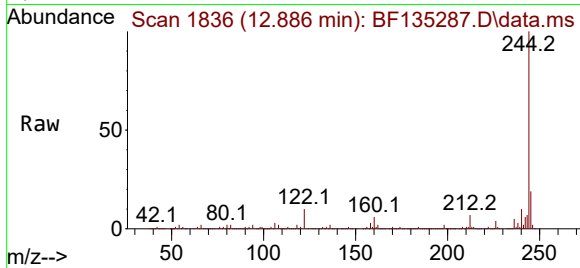
236 25.8 19.8 29.8



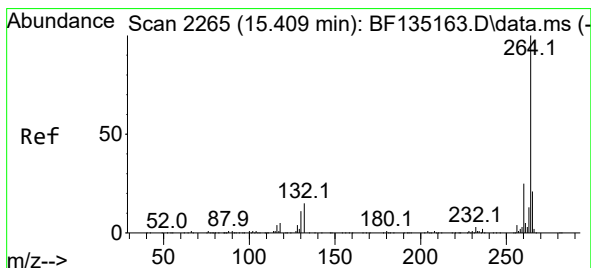
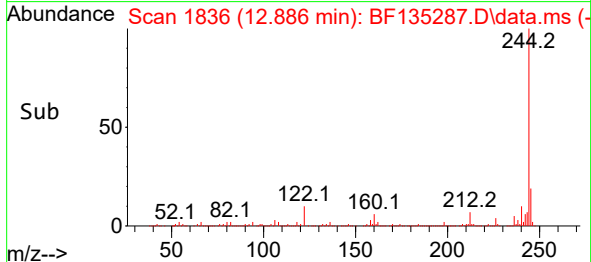
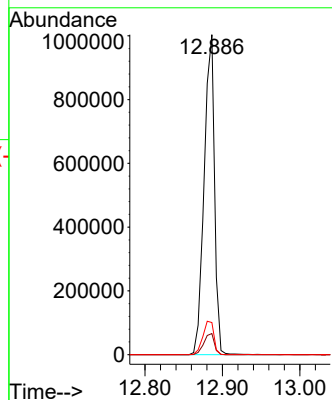


#79
 Terphenyl-d14
 Concen: 69.144 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

Instrument :
 BNA_F
 ClientSampleId :
 72-11930



Tgt Ion:244 Resp: 932882
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.0 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135287.D
 Acq: 15 Sep 2023 19:22

Tgt Ion:264 Resp: 247869
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.3 17.0 25.4

