

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135286.D
 Acq On : 15 Sep 2023 18:50
 Operator : CG\JU
 Sample : 04399-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 360

Quant Time: Sep 15 19:12:04 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	106493	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	404459	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	195605	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	334286	20.000	ng	0.00
76) Chrysene-d12	13.939	240	189519	20.000	ng	0.00
86) Perylene-d12	15.404	264	232227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	742515	113.403	ng	0.02
7) Phenol-d6	6.404	99	814260	97.802	ng	0.00
23) Nitrobenzene-d5	7.322	82	661922	88.913	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	253315	130.317	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1157947	89.314	ng	-0.01
79) Terphenyl-d14	12.886	244	932424	76.269	ng	0.00

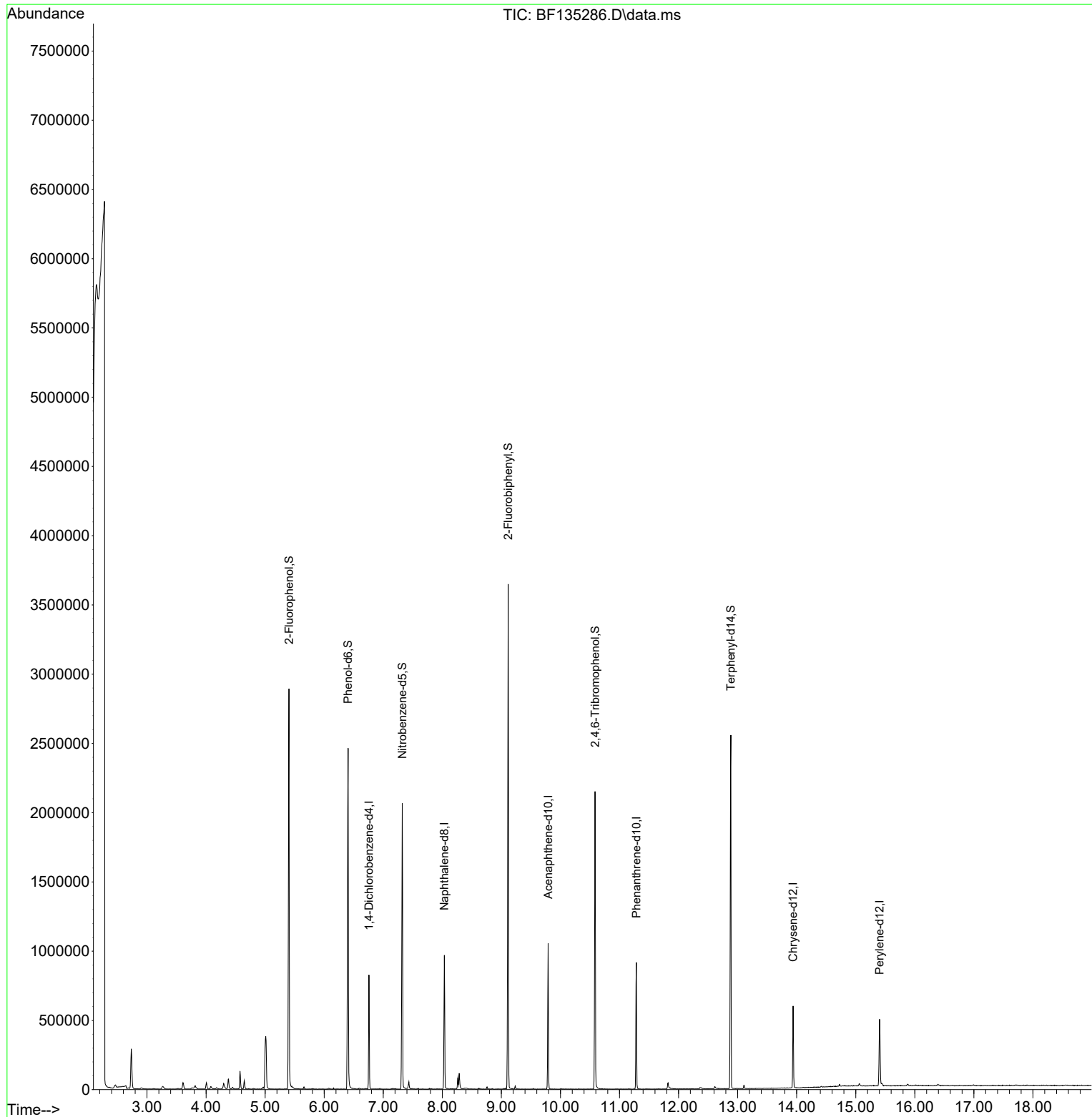
Target Compounds	Qvalue

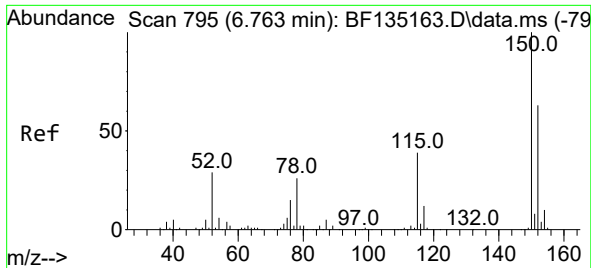
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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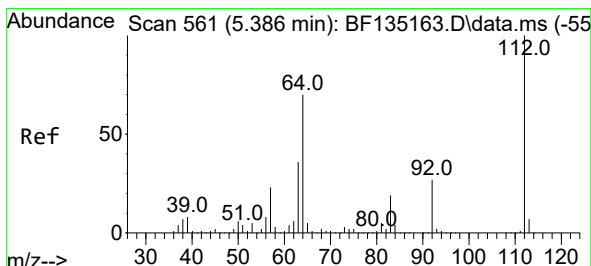
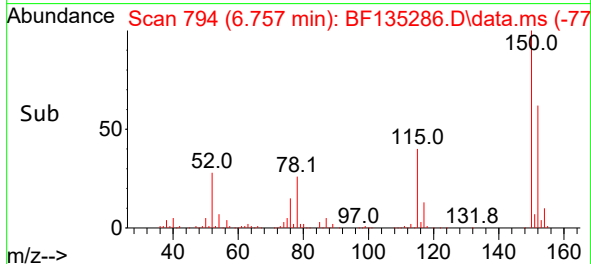
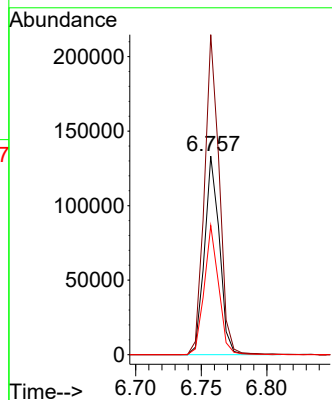
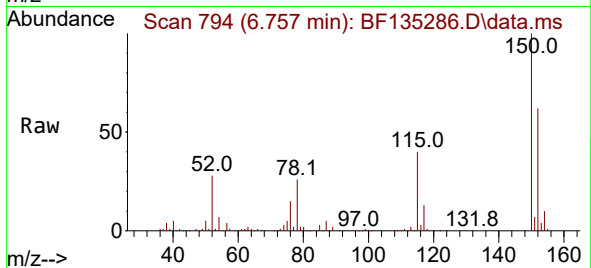




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135286.D
Acq: 15 Sep 2023 18:50

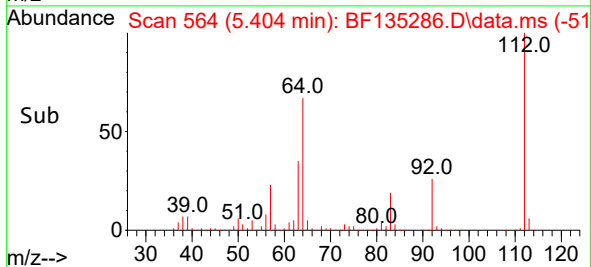
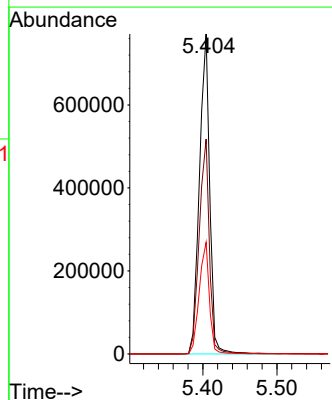
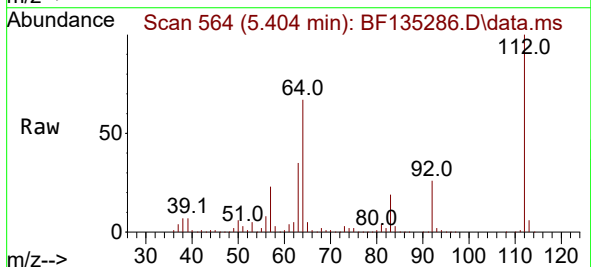
Instrument :
BNA_F
ClientSampleId :
360

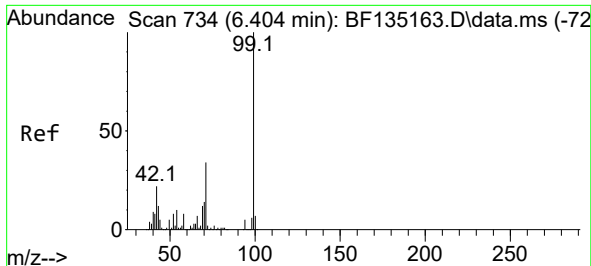
Tgt Ion:152 Resp: 106493
Ion Ratio Lower Upper
152 100
150 161.1 127.8 191.6
115 65.0 49.8 74.8



#5
2-Fluorophenol
Concen: 113.403 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135286.D
Acq: 15 Sep 2023 18:50

Tgt Ion:112 Resp: 742515
Ion Ratio Lower Upper
112 100
64 67.1 55.9 83.9
63 34.9 29.0 43.6

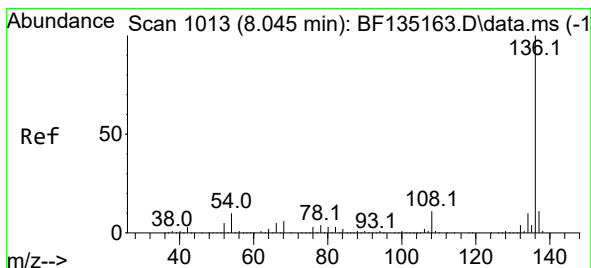
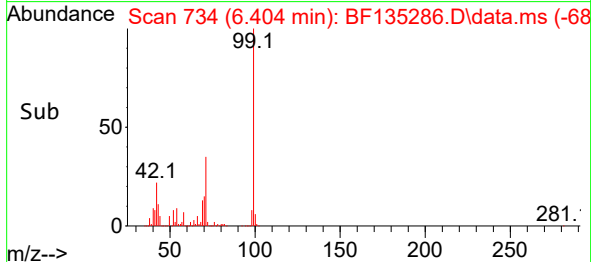
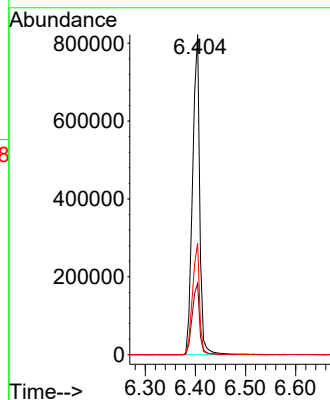
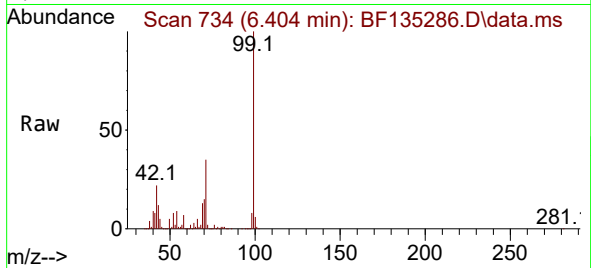




#7
Phenol-d6
Concen: 97.802 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135286.D
Acq: 15 Sep 2023 18:50

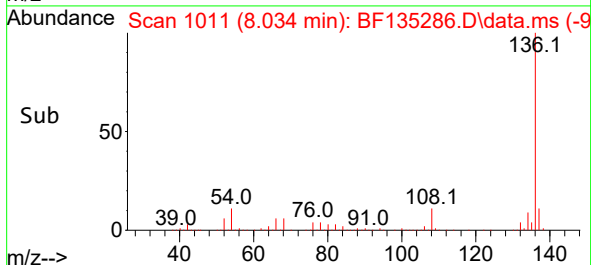
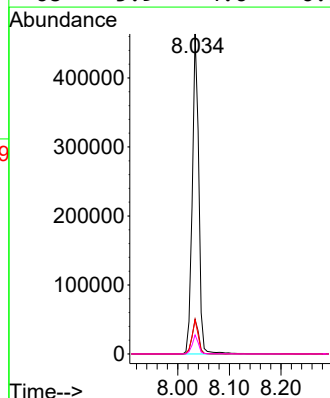
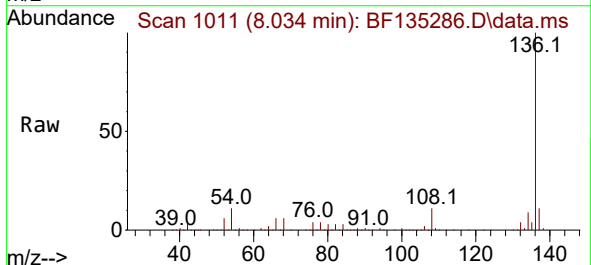
Instrument :
BNA_F
ClientSampleId :
360

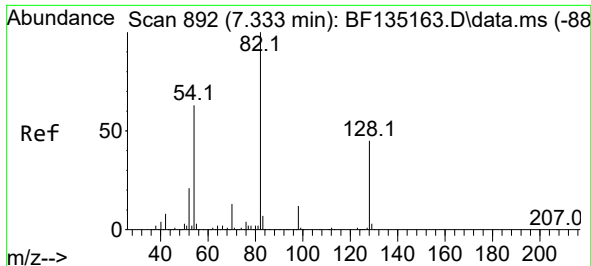
Tgt Ion: 99 Resp: 814260
Ion Ratio Lower Upper
99 100
42 22.2 17.9 26.9
71 34.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135286.D
Acq: 15 Sep 2023 18:50

Tgt Ion: 136 Resp: 404459
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.6 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 88.913 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135286.D

Acq: 15 Sep 2023 18:50

Instrument :

BNA_F

ClientSampleId :

360

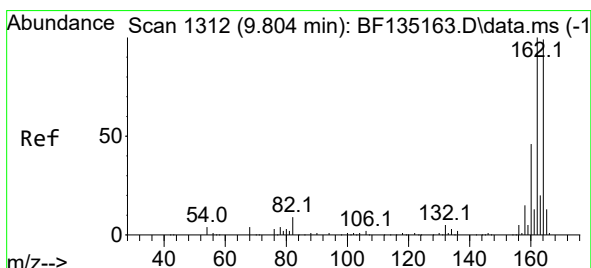
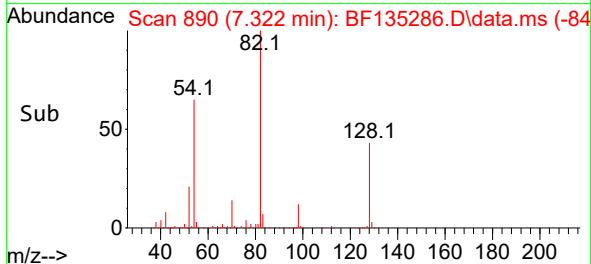
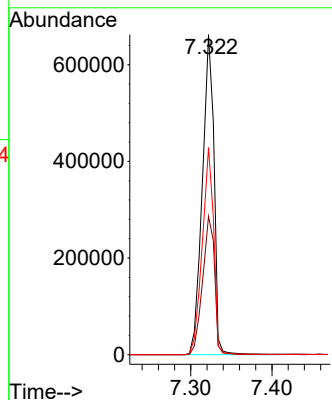
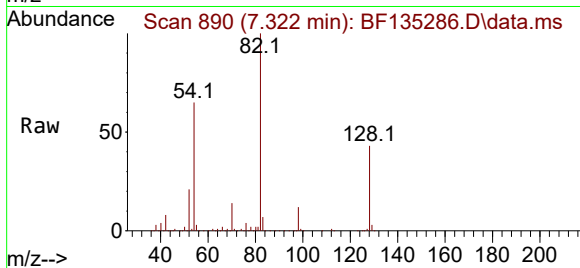
Tgt Ion: 82 Resp: 661922

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

54 64.7 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135286.D

Acq: 15 Sep 2023 18:50

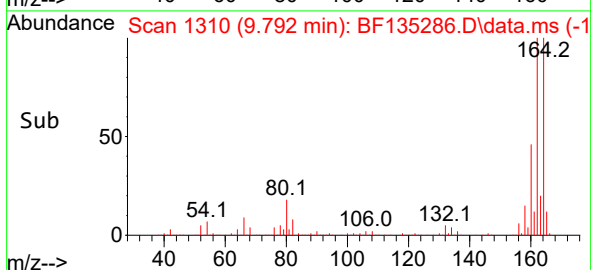
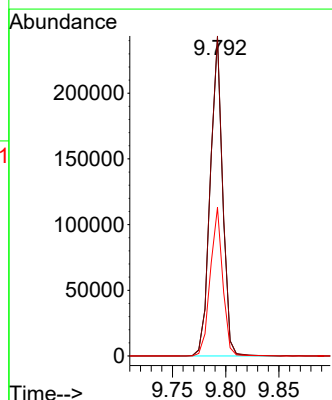
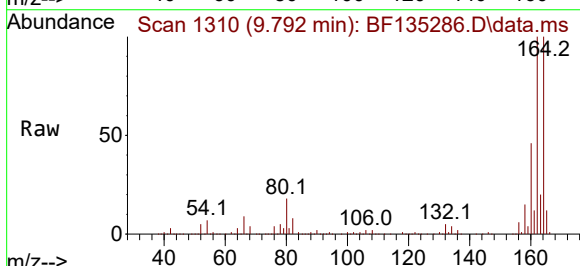
Tgt Ion: 164 Resp: 195605

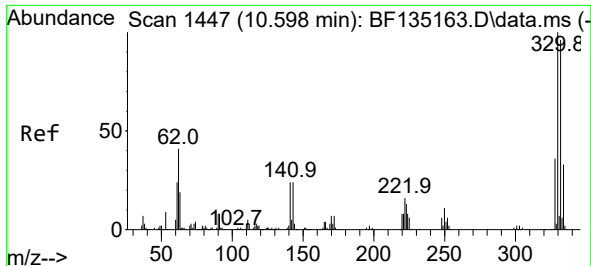
Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.317 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135286.D

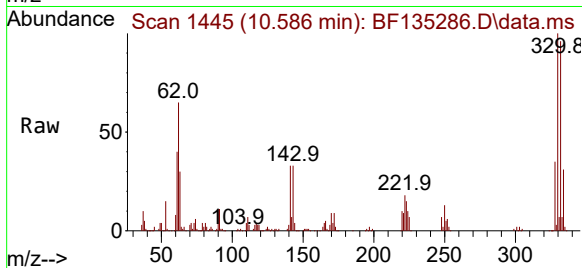
Acq: 15 Sep 2023 18:50

Instrument :

BNA_F

ClientSampleId :

360



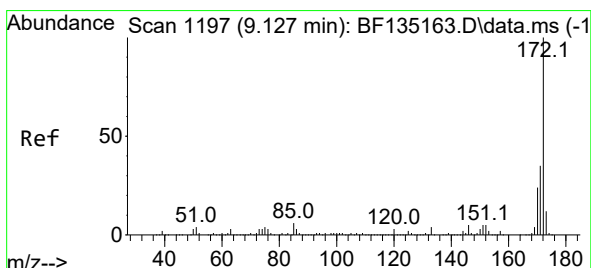
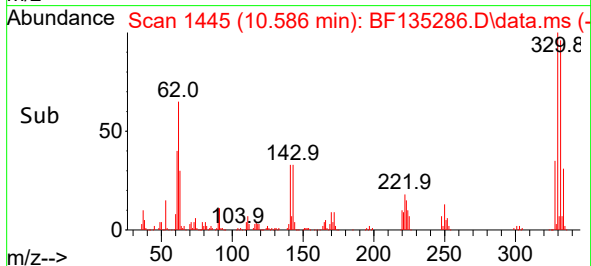
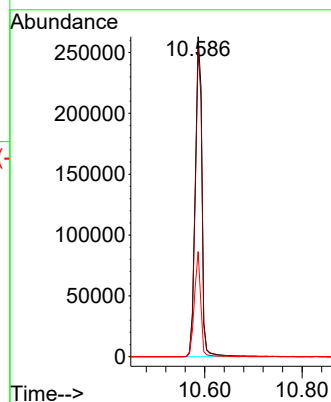
Tgt Ion:330 Resp: 253315

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 30.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 89.314 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135286.D

Acq: 15 Sep 2023 18:50

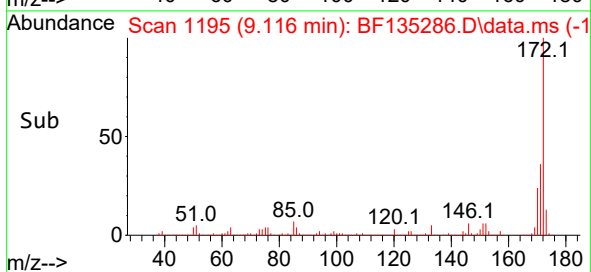
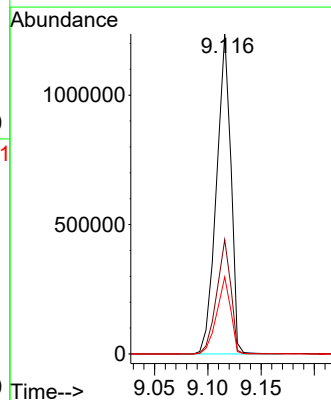
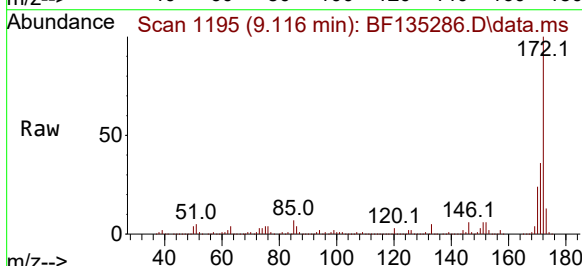
Tgt Ion:172 Resp: 1157947

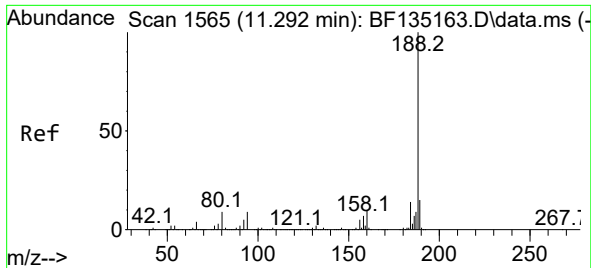
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 19.0 28.4

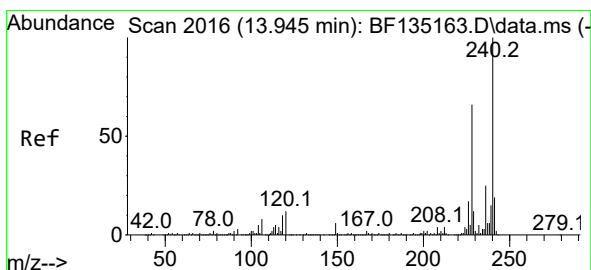
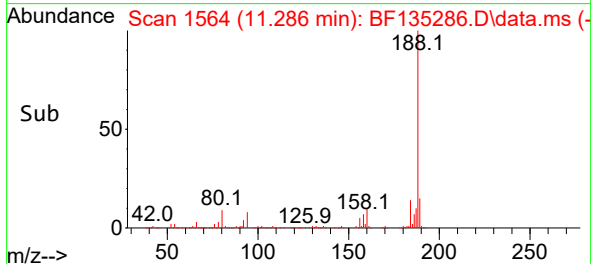
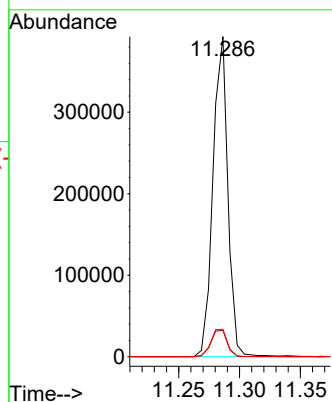
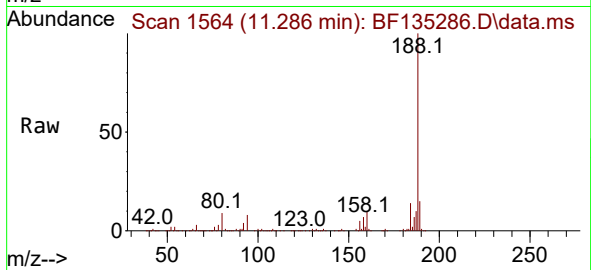




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135286.D
Acq: 15 Sep 2023 18:50

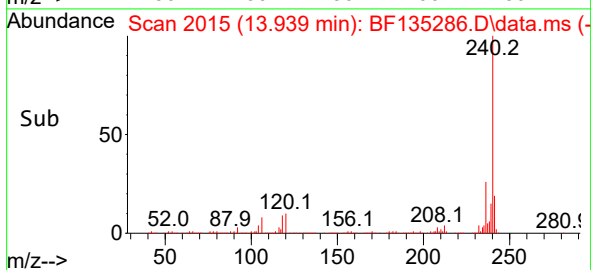
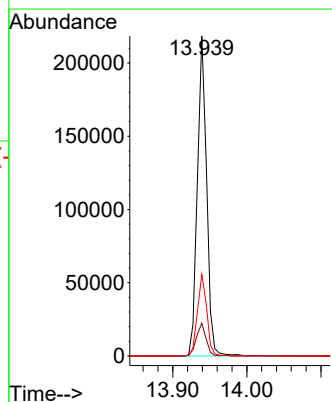
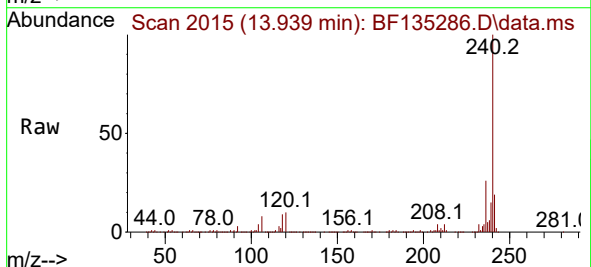
Instrument :
BNA_F
ClientSampleId :
360

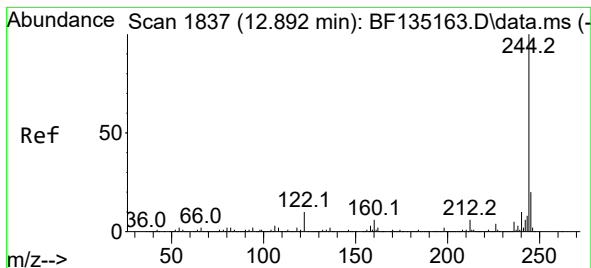
Tgt Ion:188 Resp: 334286
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135286.D
Acq: 15 Sep 2023 18:50

Tgt Ion:240 Resp: 189519
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 25.5 19.8 29.8





#79

Terphenyl-d14

Concen: 76.269 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135286.D

Acq: 15 Sep 2023 18:50

Instrument :

BNA_F

ClientSampleId :

360

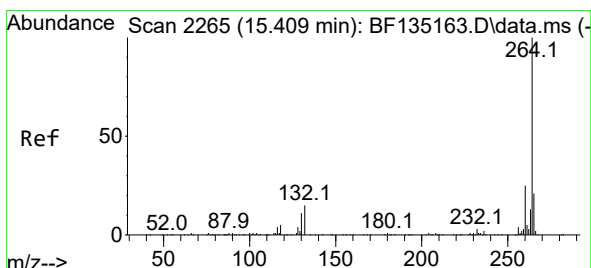
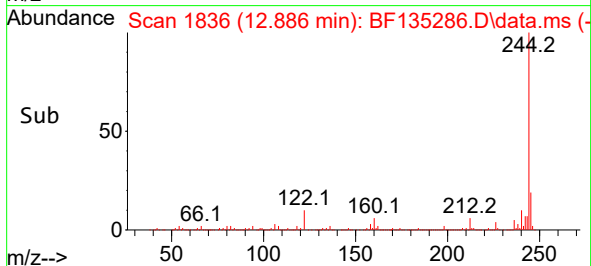
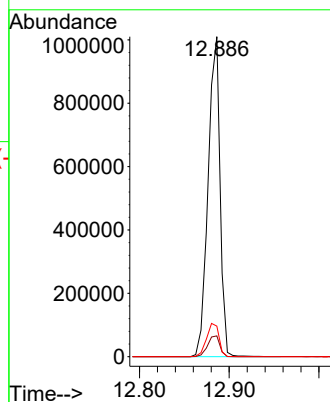
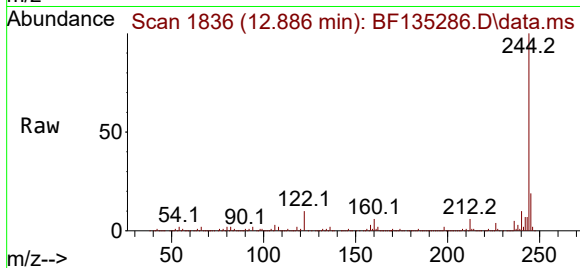
Tgt Ion:244 Resp: 932424

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 9.6 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: BF135286.D

Acq: 15 Sep 2023 18:50

Tgt Ion:264 Resp: 232227

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.6

265 21.5 17.0 25.4

