

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135480.D
 Acq On : 27 Sep 2023 19:05
 Operator : CG\JU
 Sample : 04590-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Quant Time: Sep 28 01:51:32 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 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	173091	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	640491	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	297448	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	486660	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	259764	20.000	ng	0.00
86) Perylene-d12	15.410	264	339859	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	782731	73.549	ng	0.00
7) Phenol-d6	6.398	99	641985	47.441	ng	0.00
23) Nitrobenzene-d5	7.322	82	1170904	99.321	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	342258	115.788	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1774865	90.025	ng	0.00
79) Terphenyl-d14	12.880	244	1287522	76.835	ng	0.00

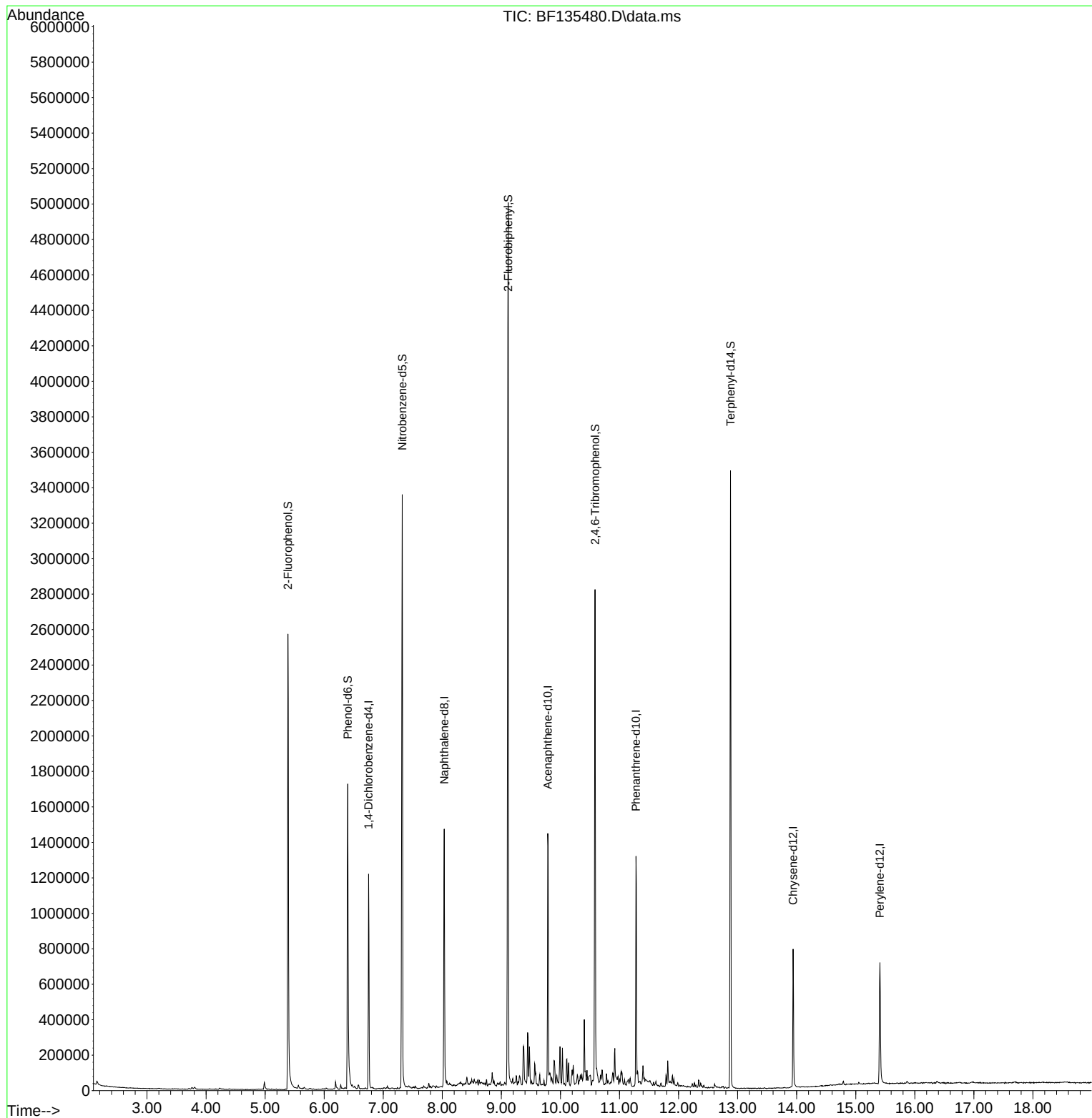
Target Compounds	Qvalue

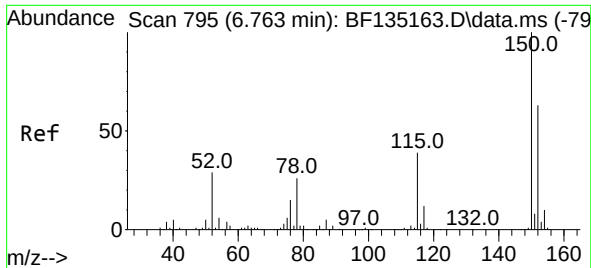
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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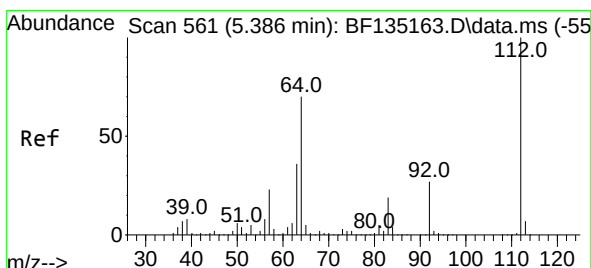
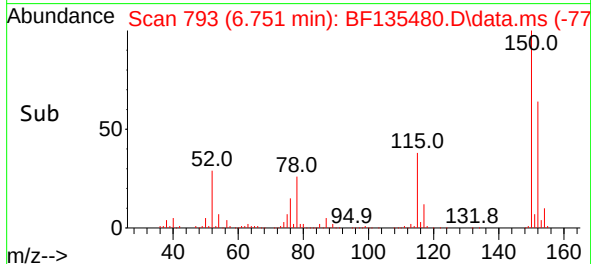
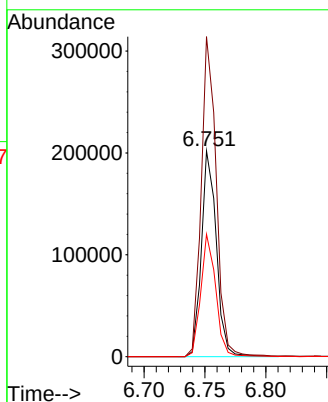
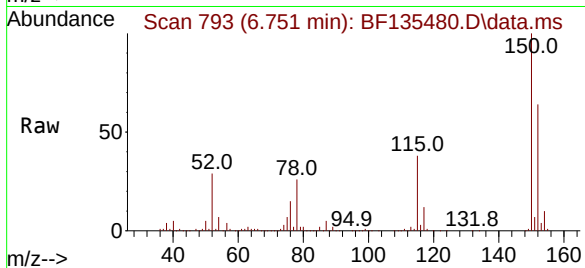




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

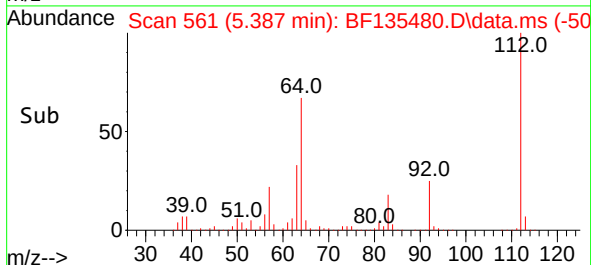
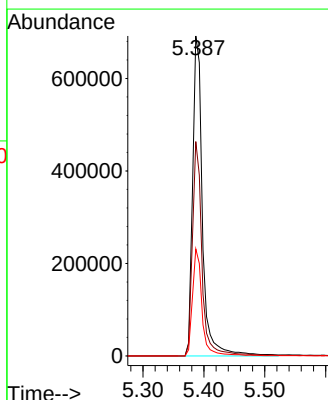
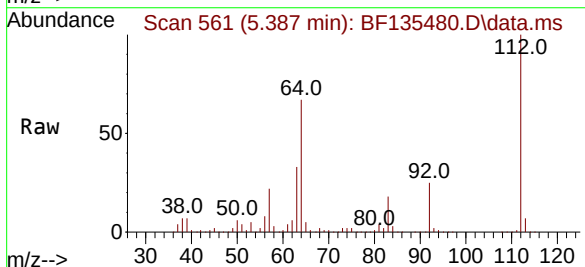
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

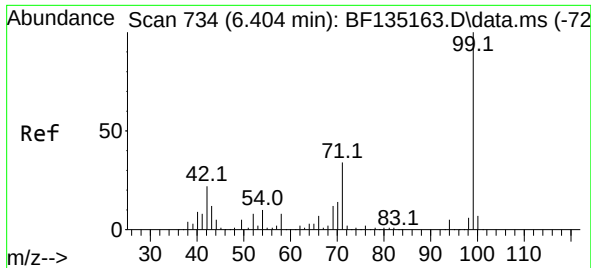
Tgt Ion:152 Resp: 173091
Ion Ratio Lower Upper
152 100
150 155.5 127.8 191.6
115 59.4 49.8 74.8



#5
2-Fluorophenol
Concen: 73.549 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

Tgt Ion:112 Resp: 782731
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 33.5 29.0 43.6

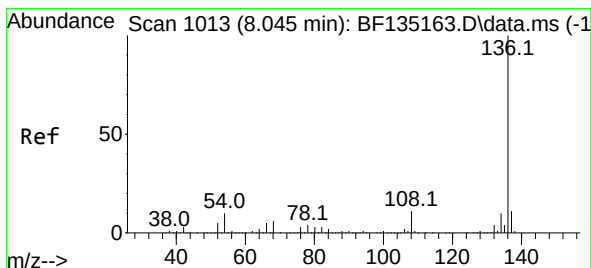
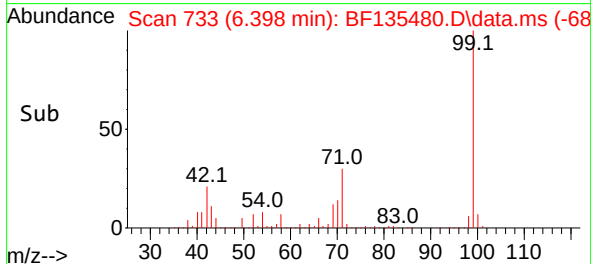
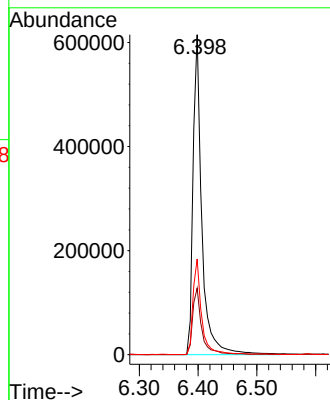
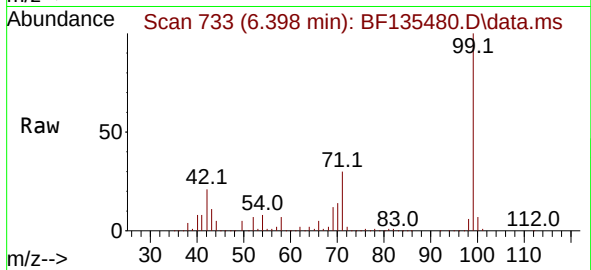




#7
Phenol-d6
Concen: 47.441 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

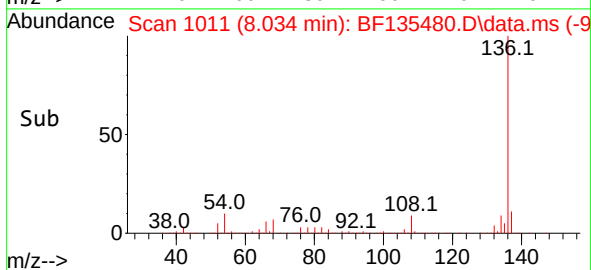
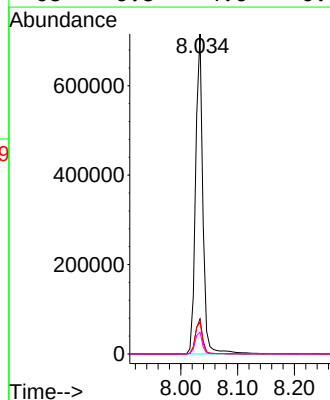
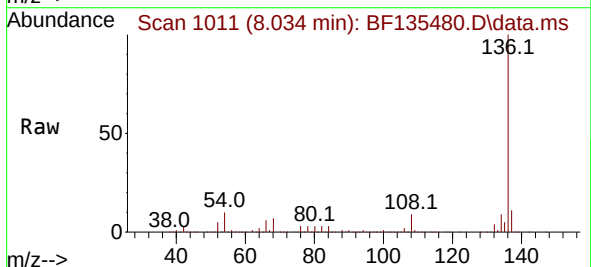
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1

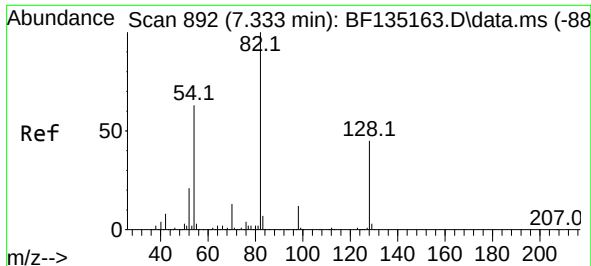
Tgt Ion: 99 Resp: 641985
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 29.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135480.D
Acq: 27 Sep 2023 19:05

Tgt Ion:136 Resp: 640491
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.9 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 99.321 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

Instrument :

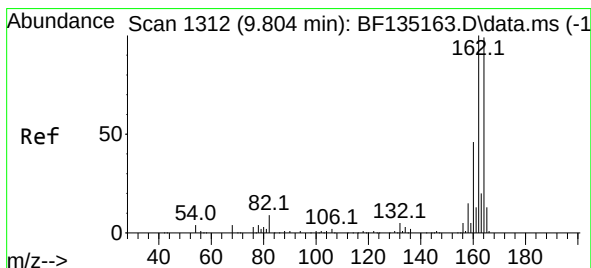
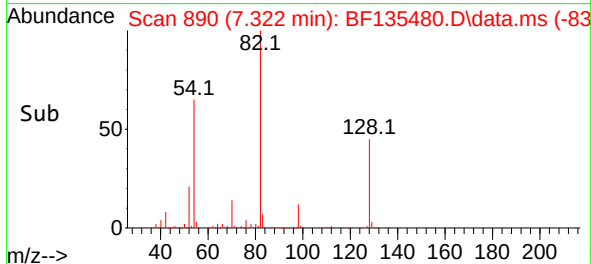
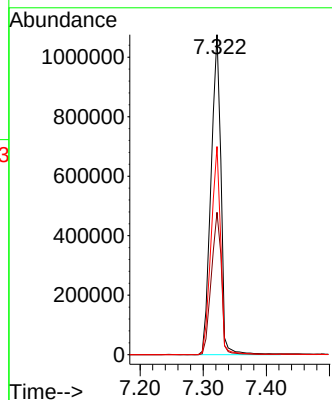
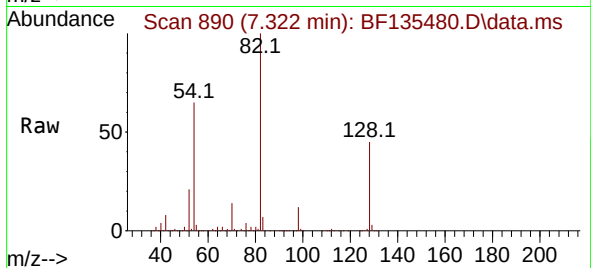
BNA_F

ClientSampleId :

SAMPLE-1

Tgt Ion: 82 Resp: 1170904

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.6
54	65.0	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

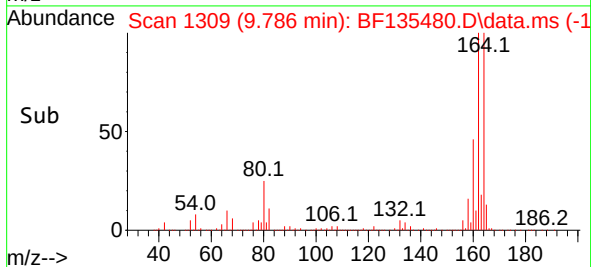
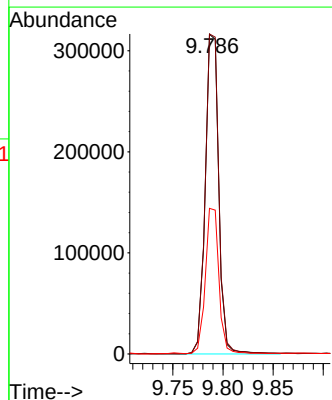
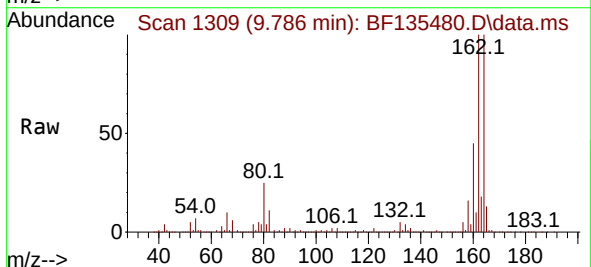
Delta R.T. -0.006 min

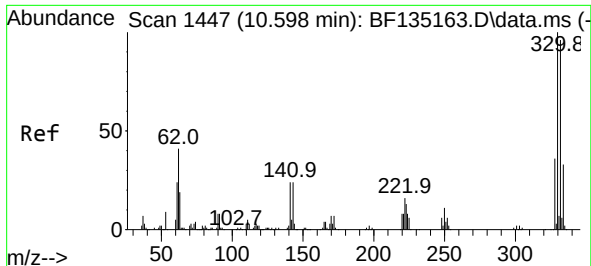
Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

Tgt Ion:164 Resp: 297448

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.0	121.4
160	45.5	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 115.788 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF135480.D

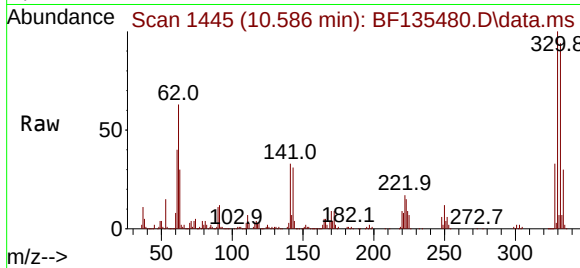
Acq: 27 Sep 2023 19:05

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1



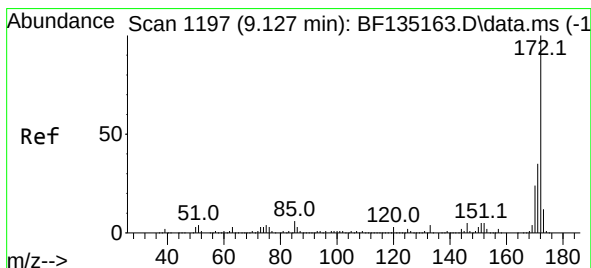
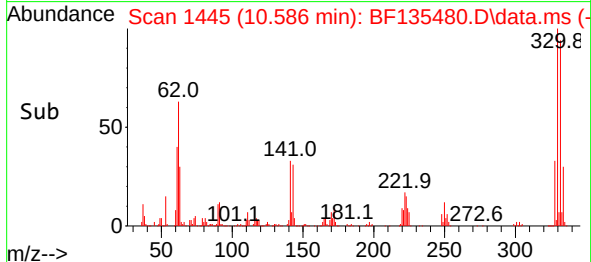
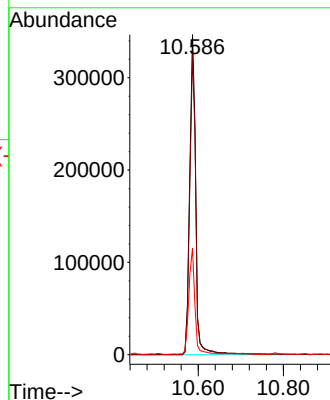
Tgt Ion:330 Resp: 342258

Ion Ratio Lower Upper

330 100

332 93.8 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 90.025 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135480.D

Acq: 27 Sep 2023 19:05

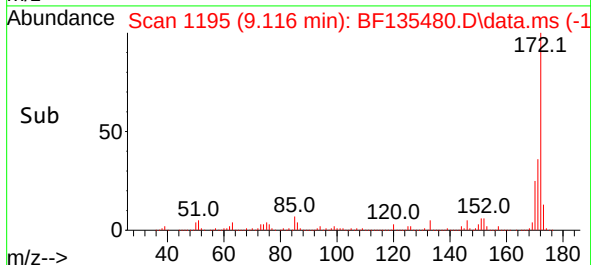
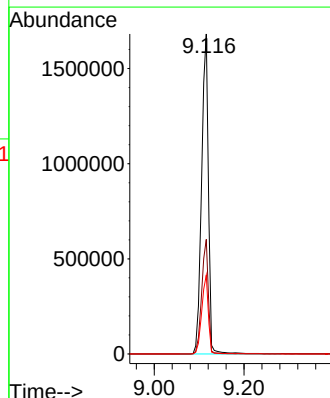
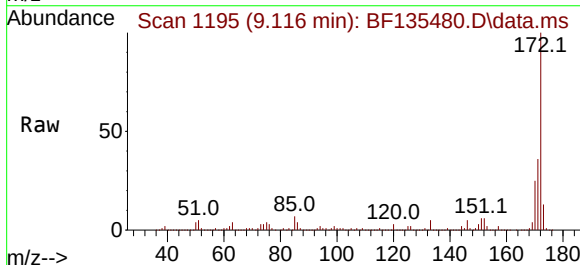
Tgt Ion:172 Resp: 1774865

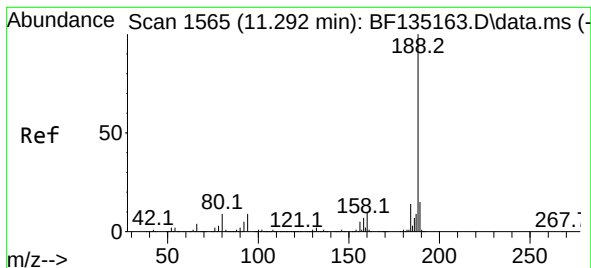
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135480.D

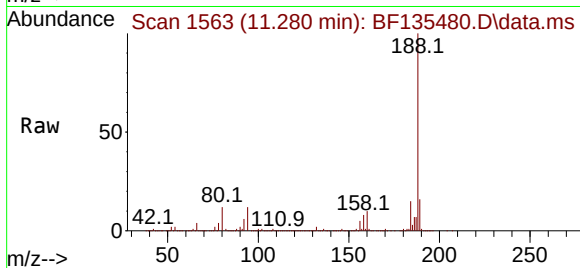
Acq: 27 Sep 2023 19:05

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1



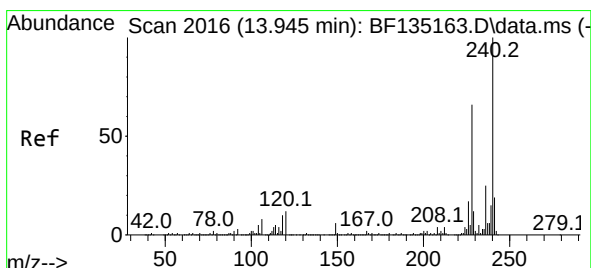
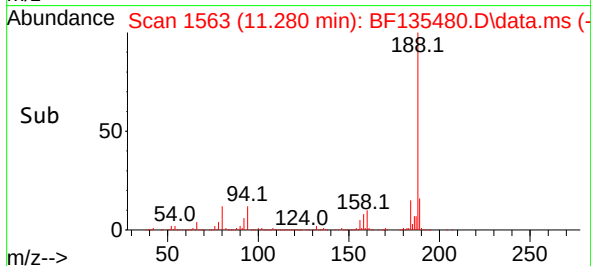
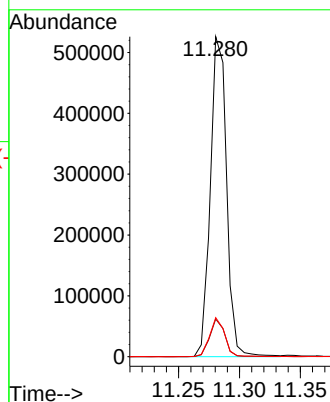
Tgt Ion:188 Resp: 486660

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.6#

80 12.2 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: BF135480.D

Acq: 27 Sep 2023 19:05

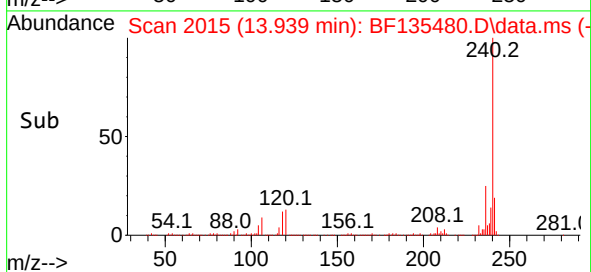
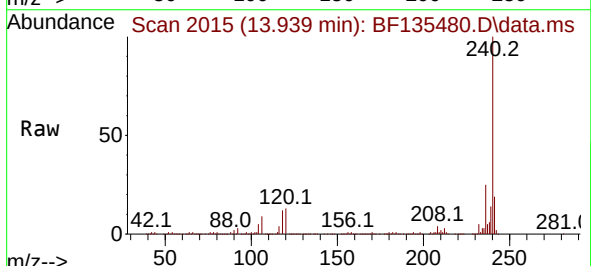
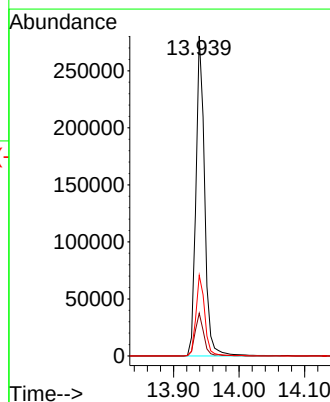
Tgt Ion:240 Resp: 259764

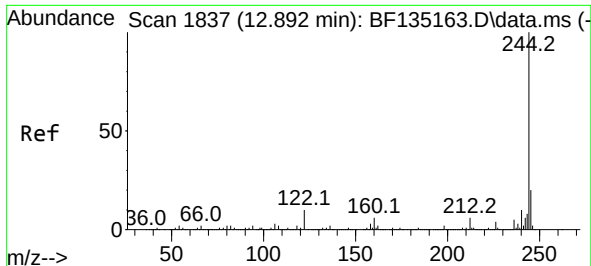
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 25.2 19.8 29.8

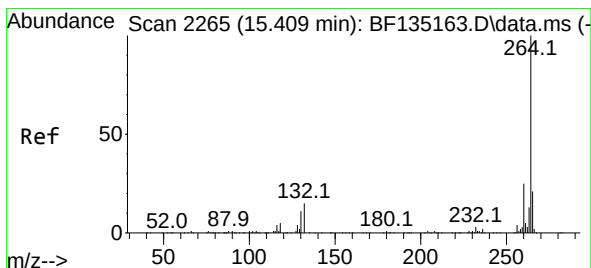
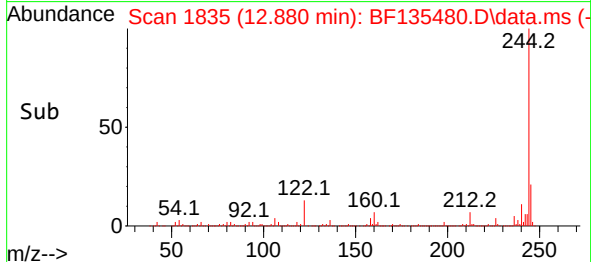
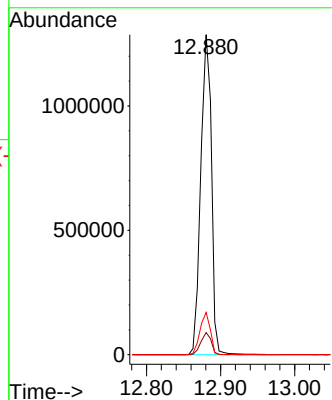
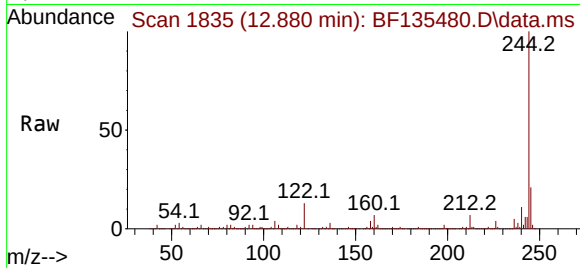




#79
 Terphenyl-d14
 Concen: 76.835 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135480.D
 Acq: 27 Sep 2023 19:05

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1

Tgt Ion:244 Resp: 1287522
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 13.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135480.D
 Acq: 27 Sep 2023 19:05

Tgt Ion:264 Resp: 339859
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.1 17.0 25.4

