

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135875.D
 Acq On : 19 Oct 2023 05:30
 Operator : CG\JU
 Sample : 04740-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW4RE

Quant Time: Oct 19 05:53:09 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	6.739	152	62072	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	217822	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	97967	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	166033	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	127917	20.000	ng	-0.01
86) Perylene-d12	15.421	264	94989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	210055	54.407	ng	0.00
7) Phenol-d6	6.398	99	171809	35.666	ng	0.00
23) Nitrobenzene-d5	7.310	82	400134	101.032	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	129475	137.729	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	682401	108.908	ng	0.00
79) Terphenyl-d14	12.868	244	650235	94.137	ng	-0.01

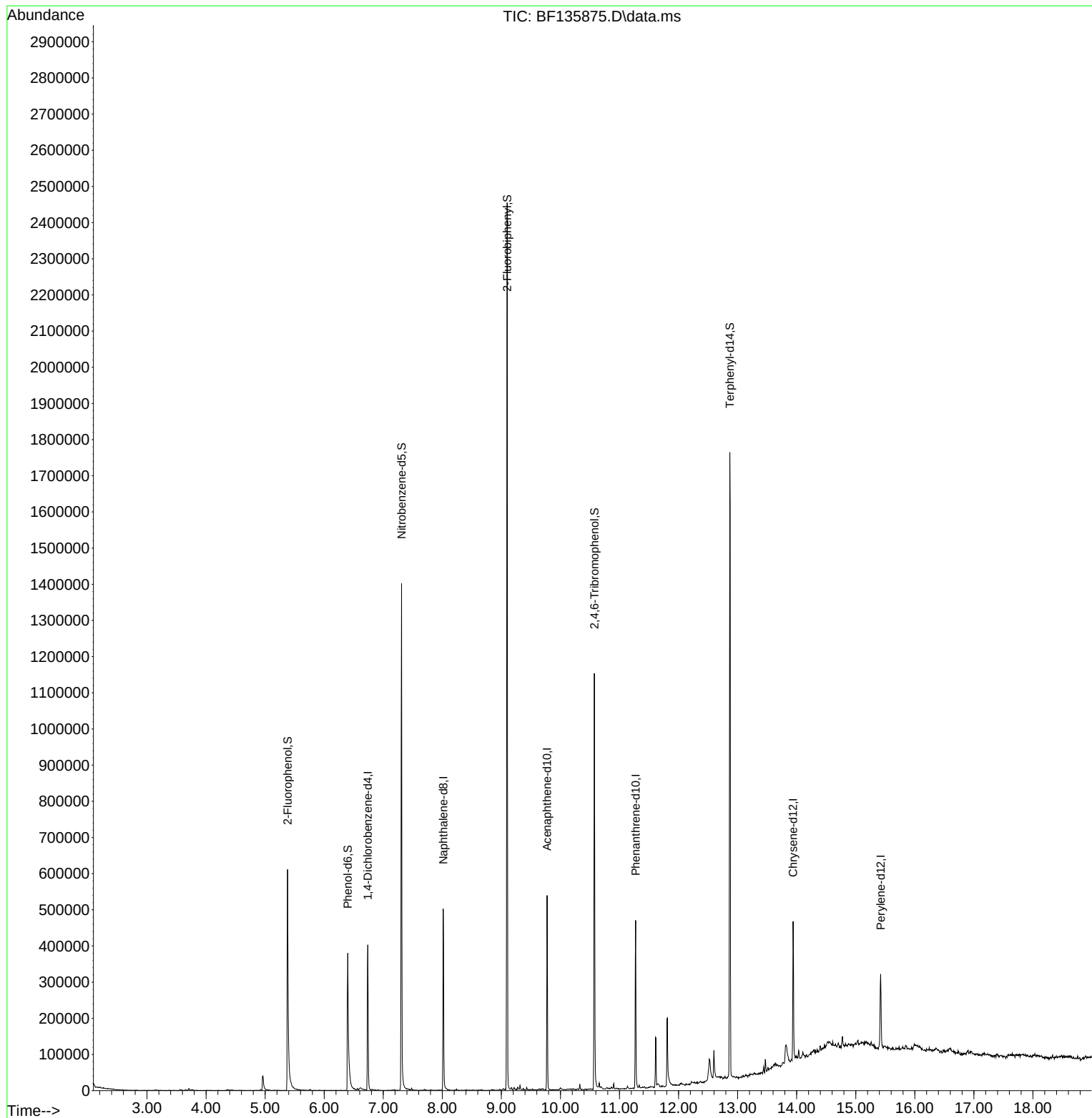
Target Compounds	Qvalue

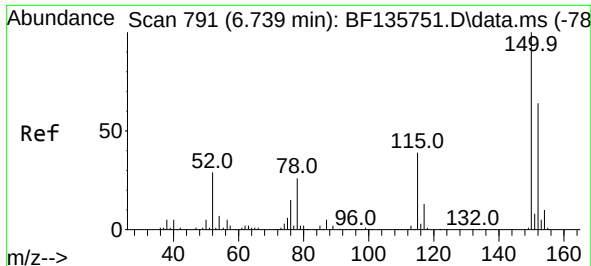
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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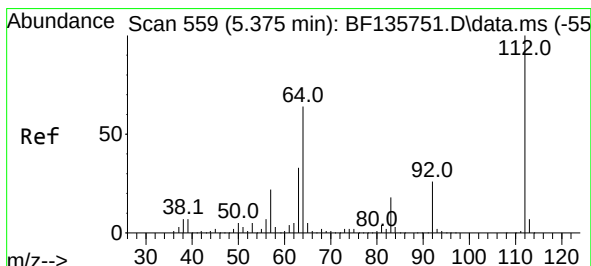
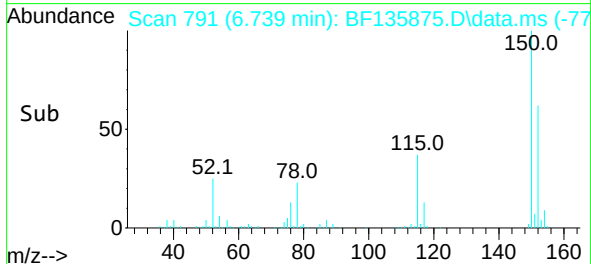
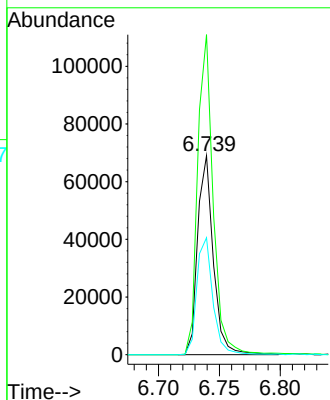
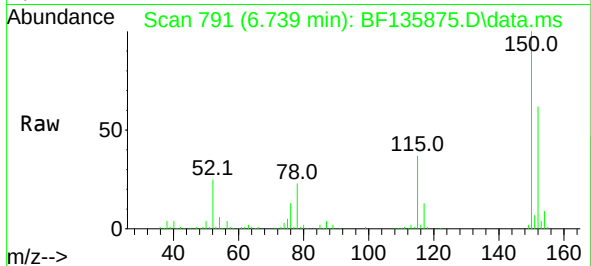




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135875.D
Acq: 19 Oct 2023 05:30

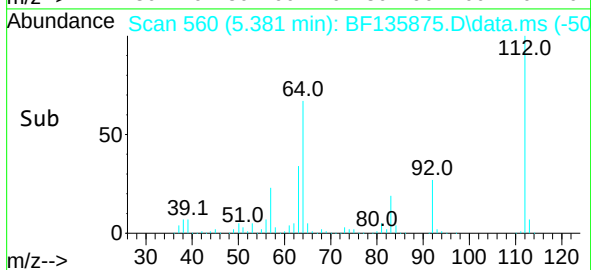
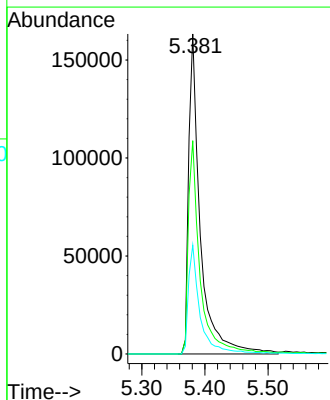
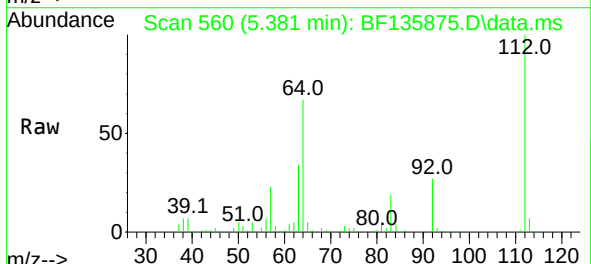
Instrument :
BNA_F
ClientSampleId :
RW4RE

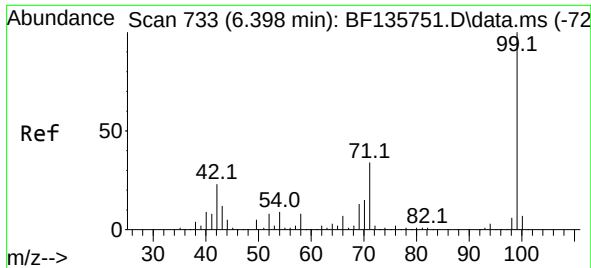
Tgt Ion:152 Resp: 62072
Ion Ratio Lower Upper
152 100
150 160.7 124.5 186.7
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 54.407 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135875.D
Acq: 19 Oct 2023 05:30

Tgt Ion:112 Resp: 210055
Ion Ratio Lower Upper
112 100
64 66.7 51.2 76.8
63 34.0 26.1 39.1

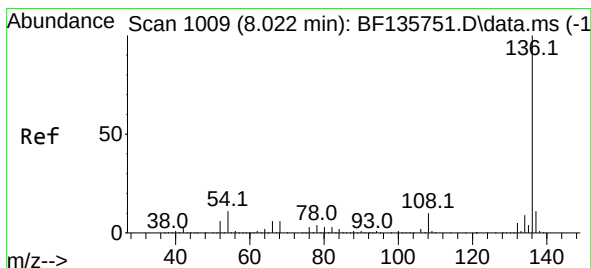
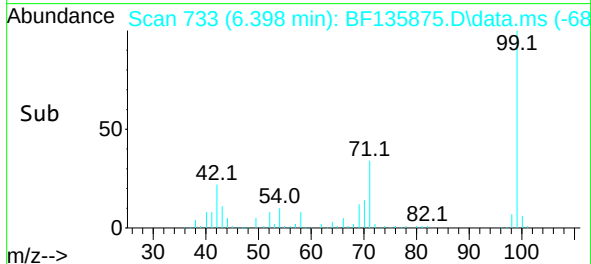
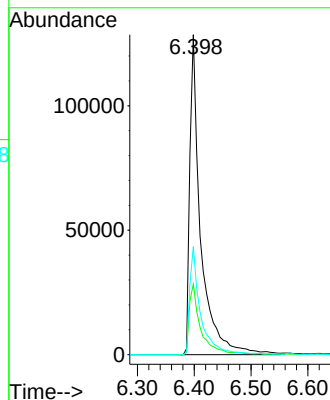
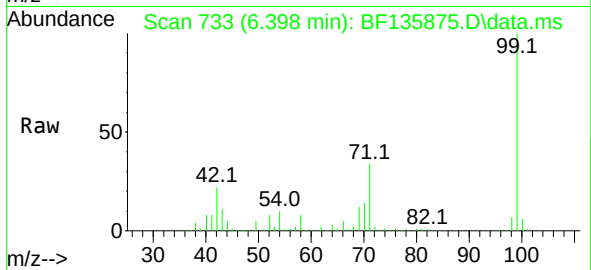




#7
Phenol-d6
Concen: 35.666 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135875.D
Acq: 19 Oct 2023 05:30

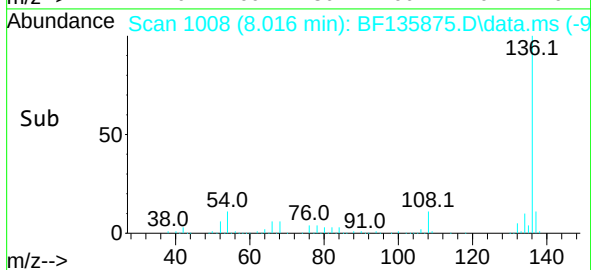
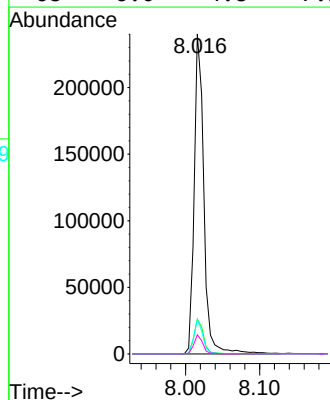
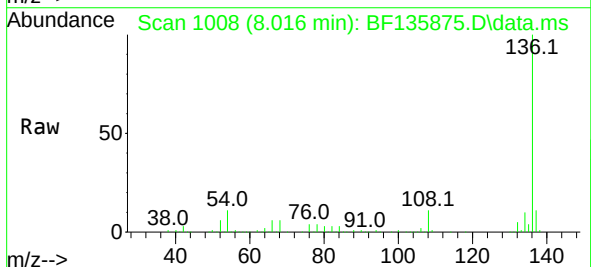
Instrument :
BNA_F
ClientSampleId :
RW4RE

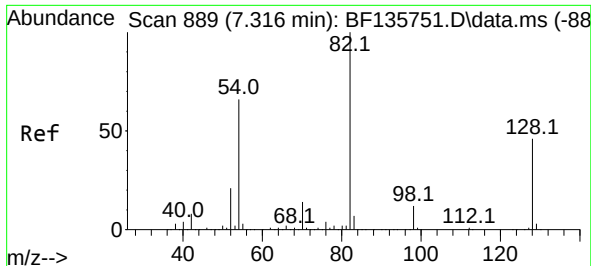
Tgt Ion: 99 Resp: 171809
Ion Ratio Lower Upper
99 100
42 22.0 18.4 27.6
71 33.7 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135875.D
Acq: 19 Oct 2023 05:30

Tgt Ion:136 Resp: 217822
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.8 8.5 12.7
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.032 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135875.D

Acq: 19 Oct 2023 05:30

Instrument :

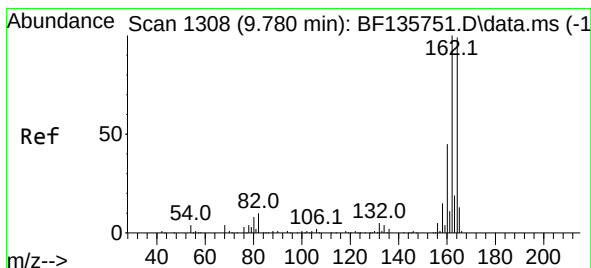
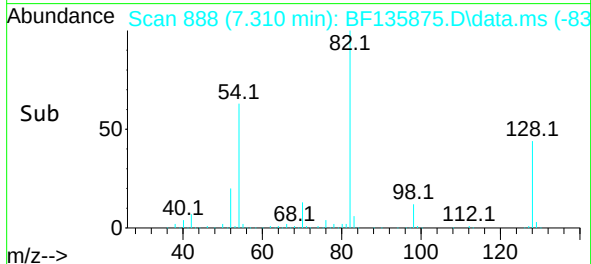
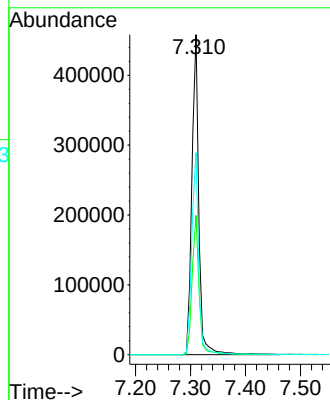
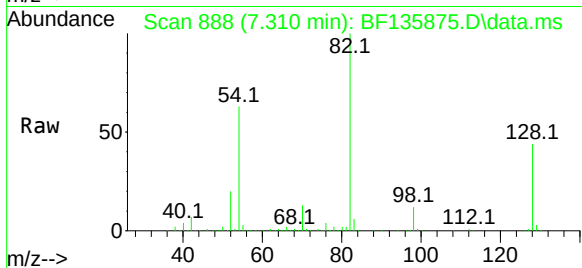
BNA_F

ClientSampleId :

RW4RE

Tgt Ion: 82 Resp: 400134

Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.0	55.6
54	63.2	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

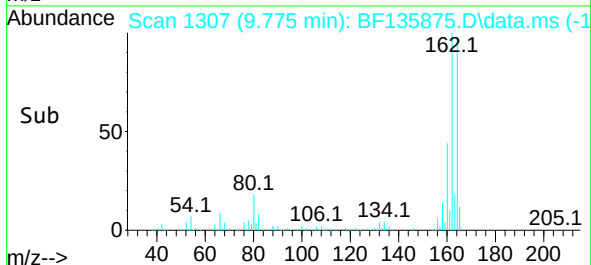
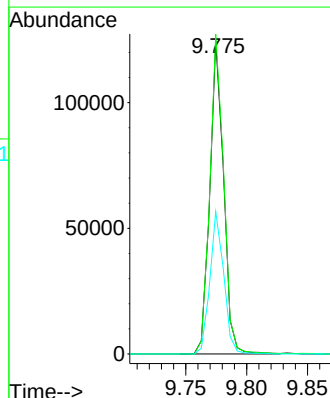
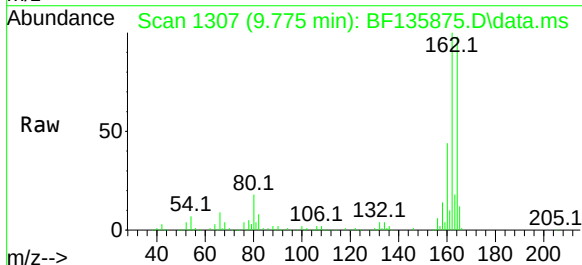
Delta R.T. -0.012 min

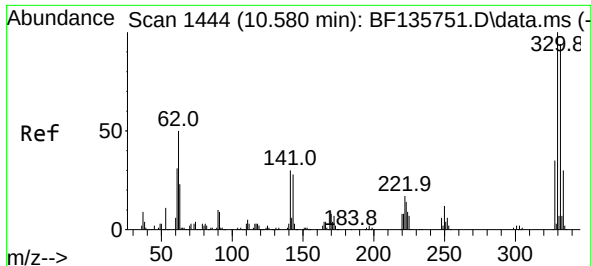
Lab File: BF135875.D

Acq: 19 Oct 2023 05:30

Tgt Ion: 164 Resp: 97967

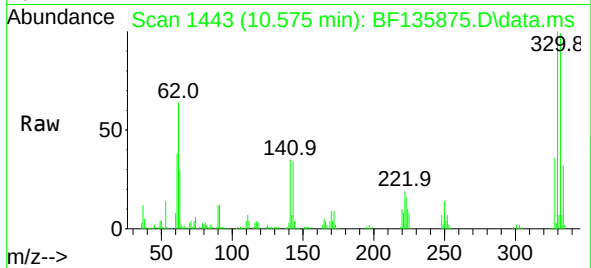
Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	45.4	36.6	54.8





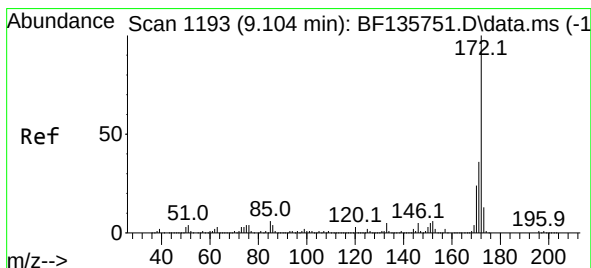
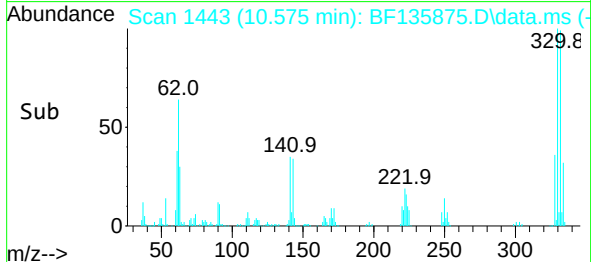
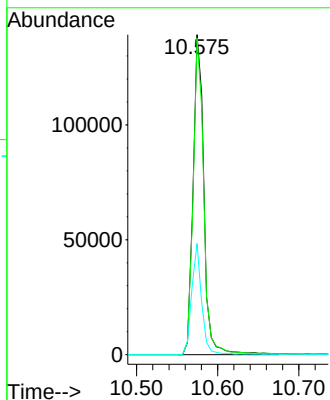
#42
 2,4,6-Tribromophenol
 Concen: 137.729 ng
 RT: 10.575 min Scan# 1443
 Delta R.T. -0.012 min
 Lab File: BF135875.D
 Acq: 19 Oct 2023 05:30

Instrument :
 BNA_F
 ClientSampleId :
 RW4RE



Tgt Ion: 330 Resp: 129475

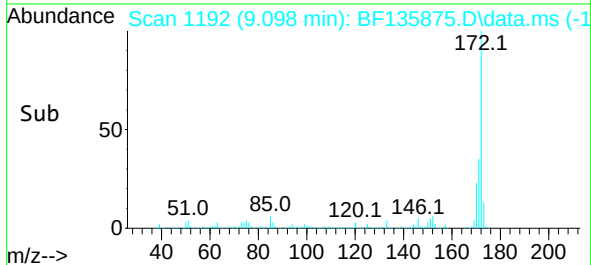
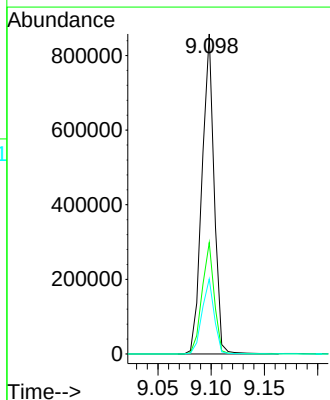
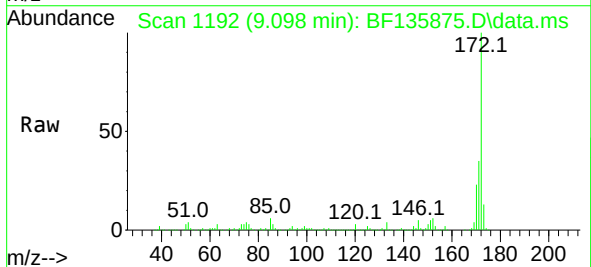
Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.0	112.4
141	32.6	25.8	38.6

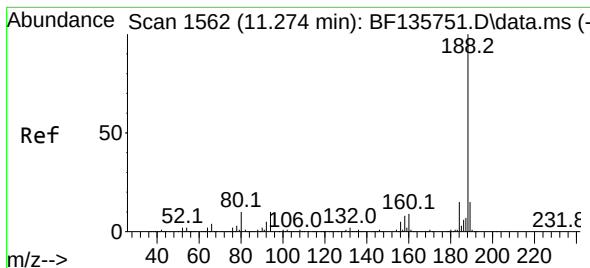


#45
 2-Fluorobiphenyl
 Concen: 108.908 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: BF135875.D
 Acq: 19 Oct 2023 05:30

Tgt Ion: 172 Resp: 682401

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.4	42.6
170	23.5	18.8	28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135875.D

Acq: 19 Oct 2023 05:30

Instrument :

BNA_F

ClientSampleId :

RW4RE

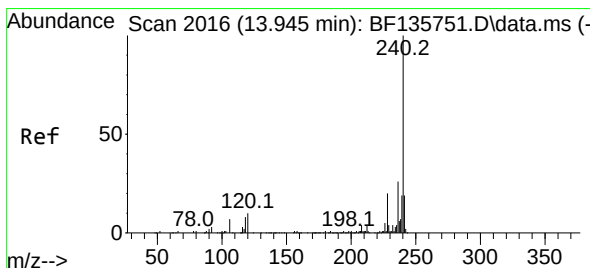
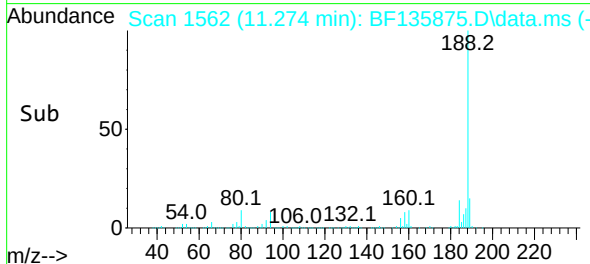
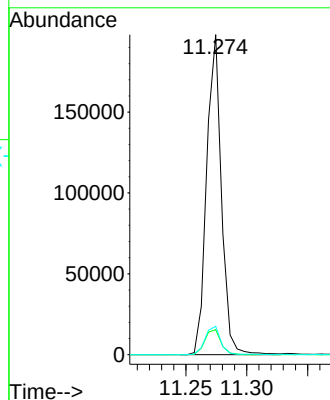
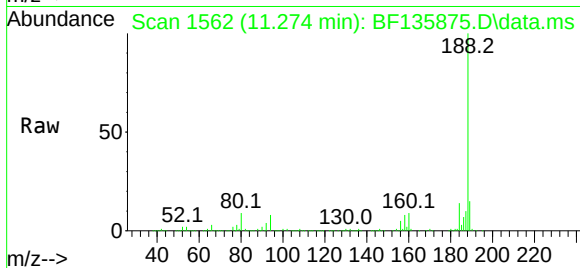
Tgt Ion:188 Resp: 166033

Ion Ratio Lower Upper

188 100

94 7.8 8.0 12.0#

80 8.8 8.3 12.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF135875.D

Acq: 19 Oct 2023 05:30

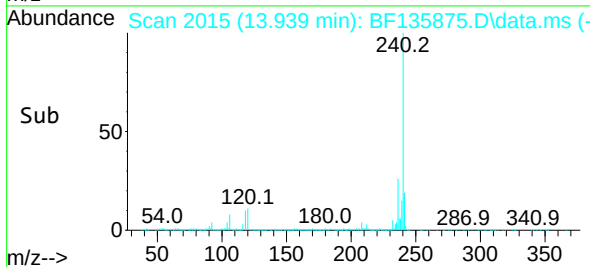
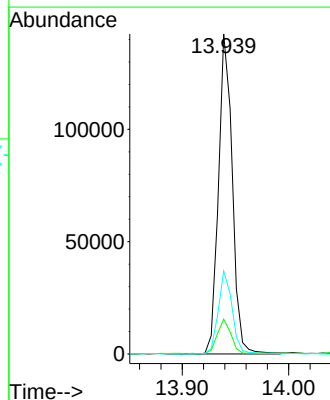
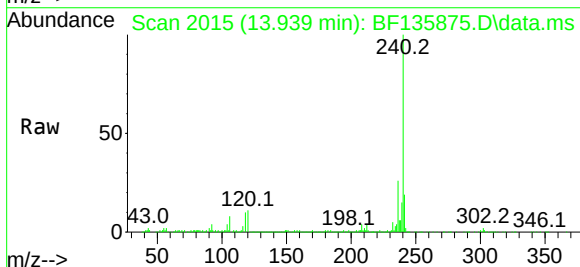
Tgt Ion:240 Resp: 127917

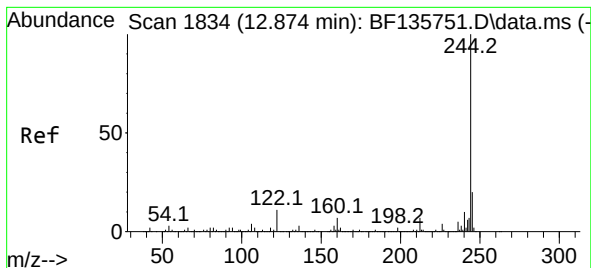
Ion Ratio Lower Upper

240 100

120 10.9 8.2 12.2

236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 94.137 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135875.D

Acq: 19 Oct 2023 05:30

Instrument :

BNA_F

ClientSampleId :

RW4RE

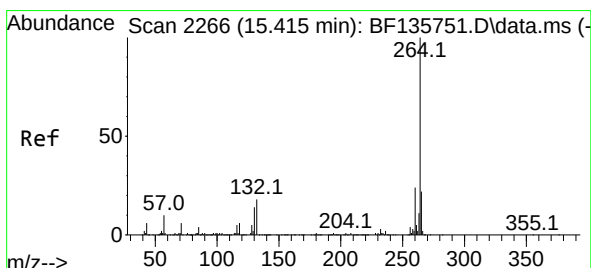
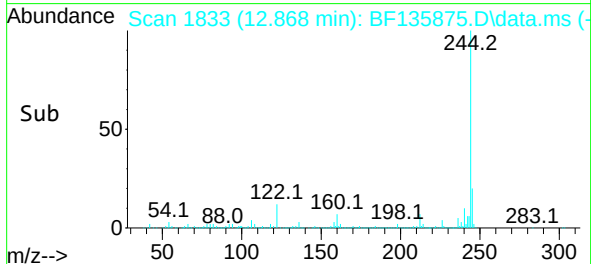
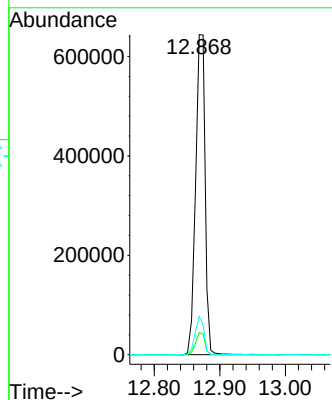
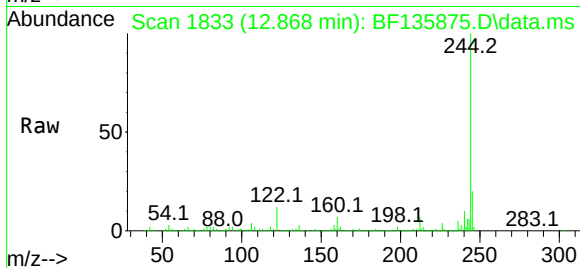
Tgt Ion:244 Resp: 650235

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 12.0 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. -0.000 min

Lab File: BF135875.D

Acq: 19 Oct 2023 05:30

Tgt Ion:264 Resp: 94989

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 23.0 17.4 26.2

