

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135819.D
 Acq On : 17 Oct 2023 18:57
 Operator : CG\JU
 Sample : 04895-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2

Quant Time: Oct 18 02:00:39 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	85266	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	321422	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	164961	20.000	ng	-0.01
64) Phenanthrene-d10	11.268	188	344050	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	217387	20.000	ng	-0.01
86) Perylene-d12	15.415	264	192856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	482871	91.049	ng	0.00
7) Phenol-d6	6.392	99	585140	88.427	ng	0.00
23) Nitrobenzene-d5	7.304	82	350320	59.944	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	155393	98.168	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	664816	63.012	ng	-0.01
79) Terphenyl-d14	12.863	244	773307	65.878	ng	-0.02

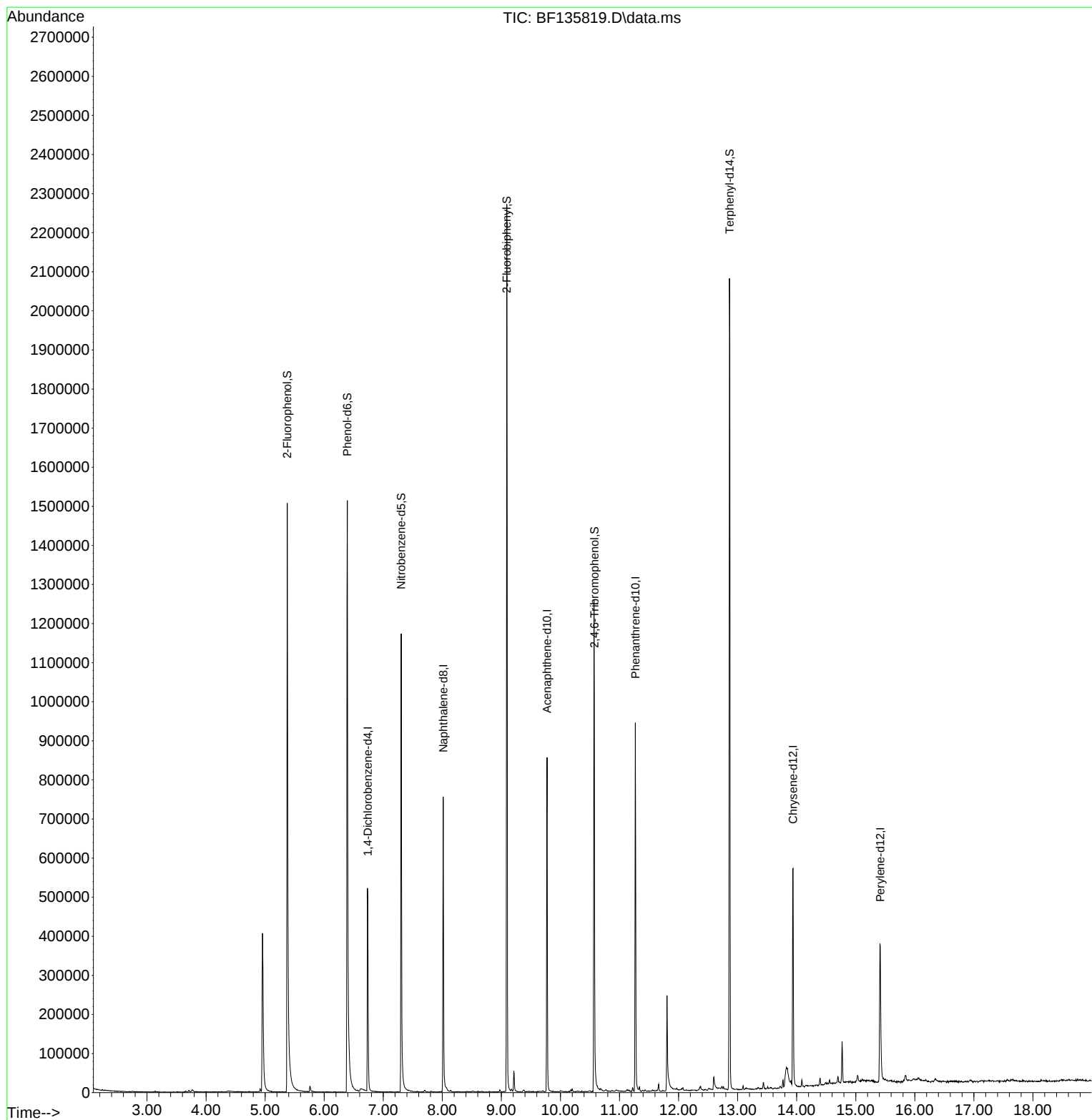
Target Compounds	Qvalue

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

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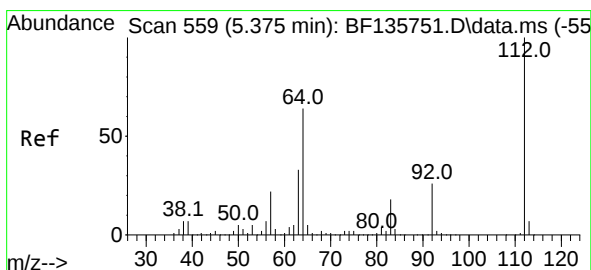
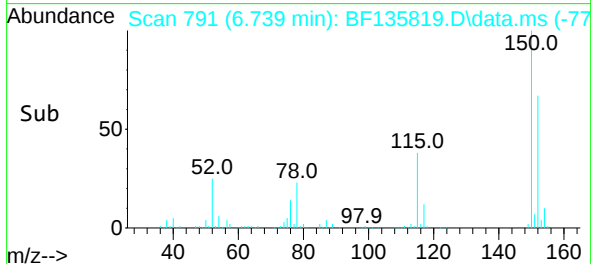
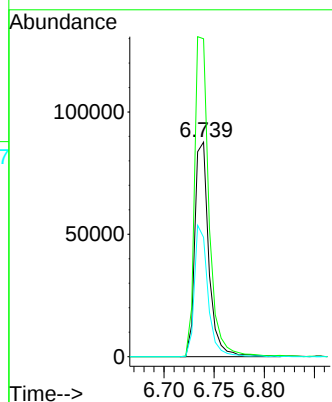
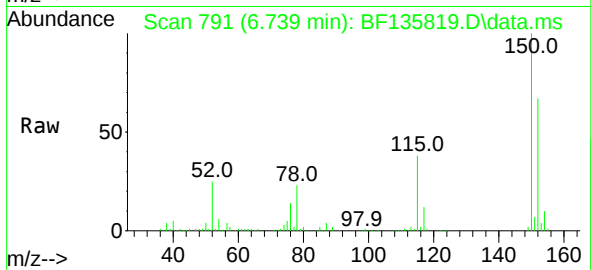




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135819.D
 Acq: 17 Oct 2023 18:57

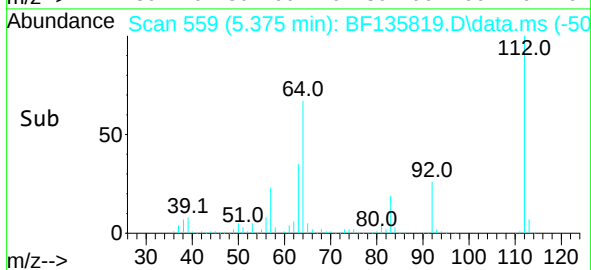
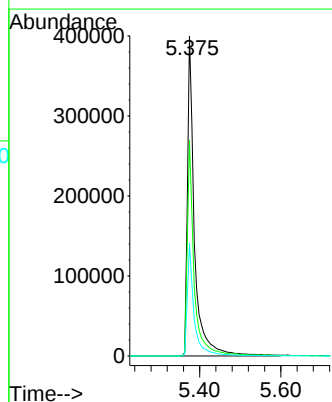
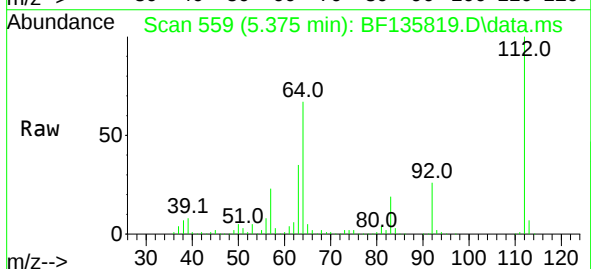
Instrument :
 BNA_F
 ClientSampleId :
 A-2

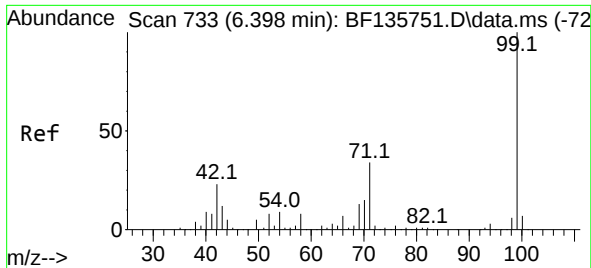
Tgt Ion:152 Resp: 85266
 Ion Ratio Lower Upper
 152 100
 150 148.2 124.5 186.7
 115 55.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 91.049 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: BF135819.D
 Acq: 17 Oct 2023 18:57

Tgt Ion:112 Resp: 482871
 Ion Ratio Lower Upper
 112 100
 64 67.3 51.2 76.8
 63 35.2 26.1 39.1

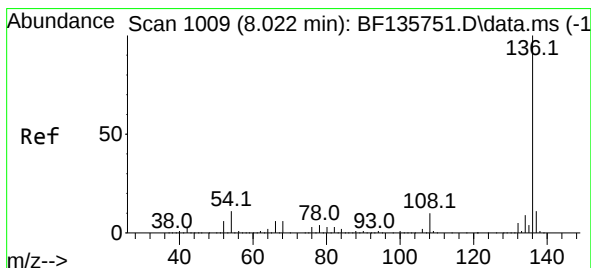
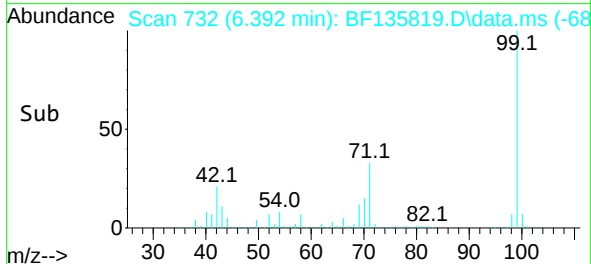
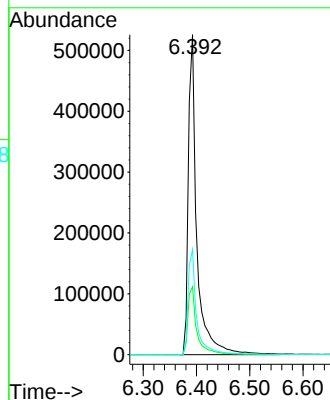
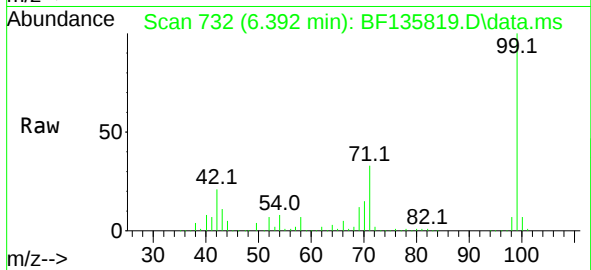




#7
Phenol-d6
Concen: 88.427 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

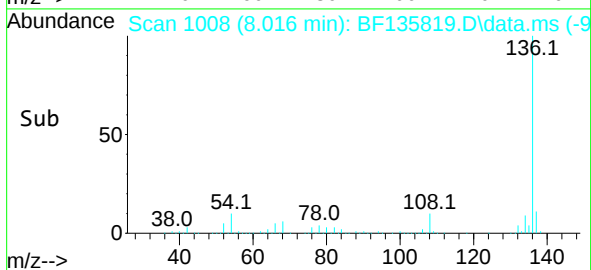
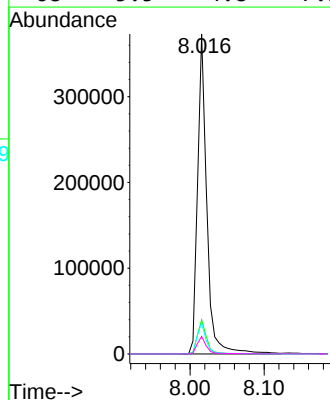
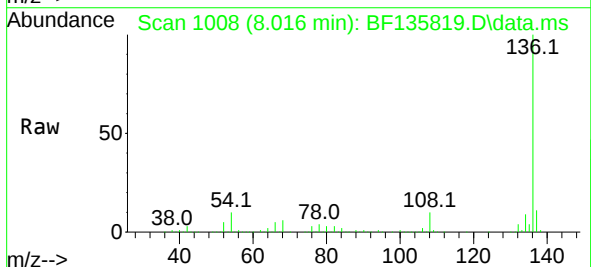
Instrument :
BNA_F
ClientSampleId :
A-2

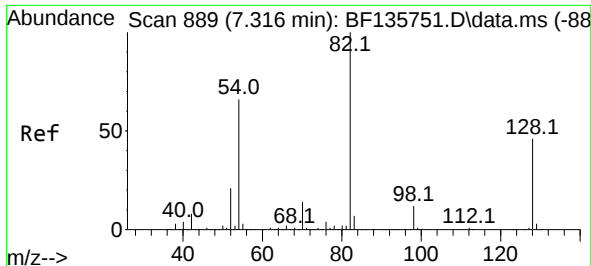
Tgt Ion: 99 Resp: 585140
Ion Ratio Lower Upper
99 100
42 21.3 18.4 27.6
71 32.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135819.D
Acq: 17 Oct 2023 18:57

Tgt Ion: 136 Resp: 321422
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 8.5 12.7
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.944 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Instrument :

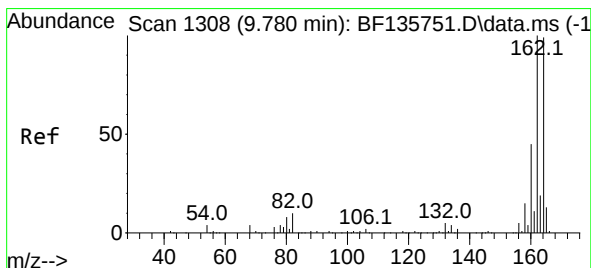
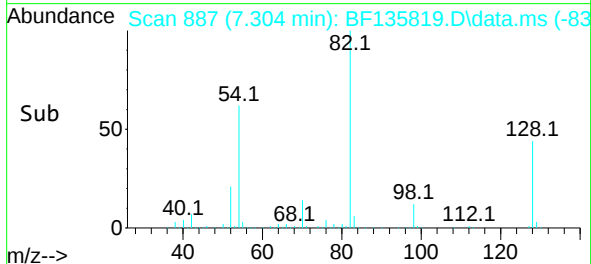
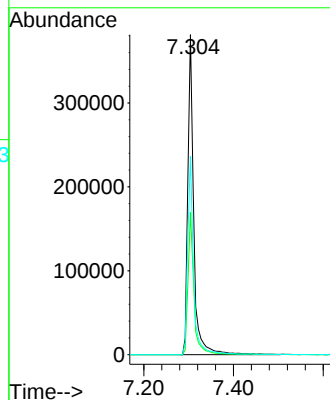
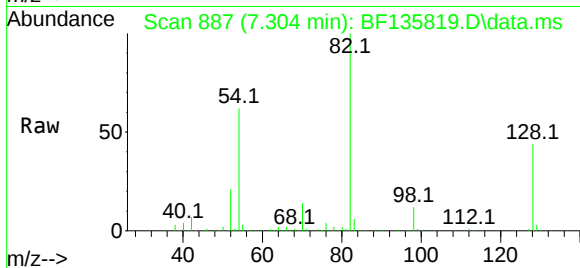
BNA_F

ClientSampleId :

A-2

Tgt Ion: 82 Resp: 350320

Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.0	55.6
54	61.9	52.8	79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

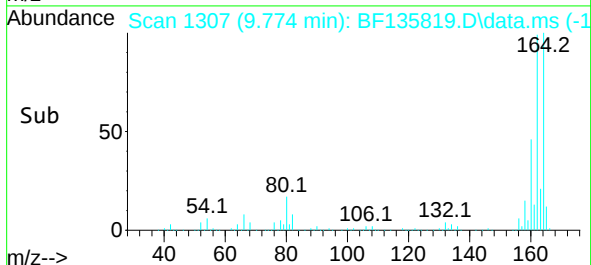
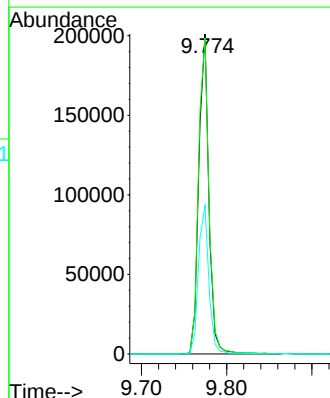
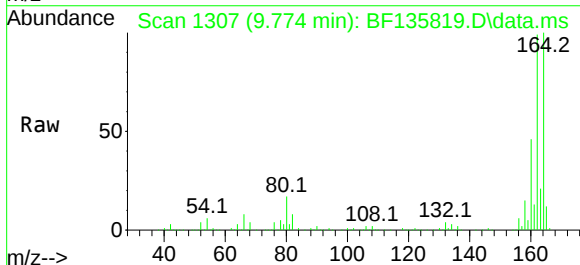
Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Tgt Ion: 164 Resp: 164961

Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.8	121.2
160	46.4	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 98.168 ng

RT: 10.574 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Instrument :

BNA_F

ClientSampleId :

A-2

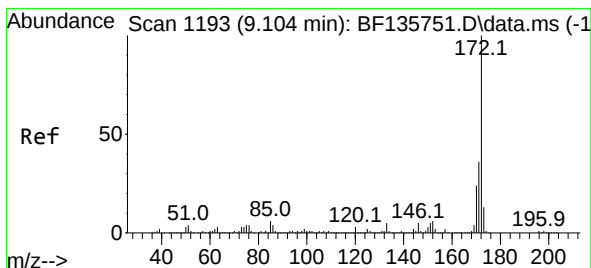
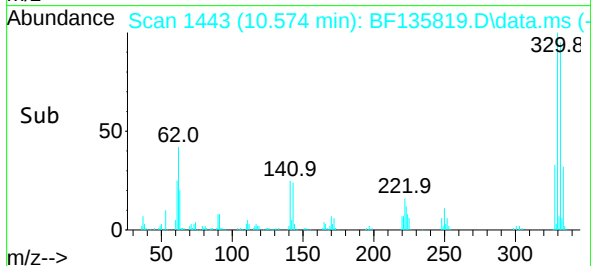
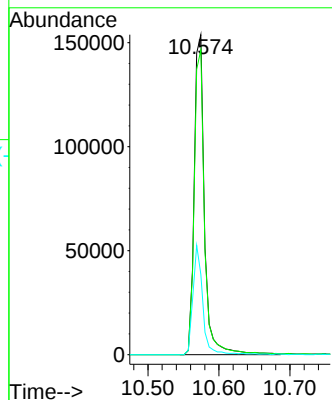
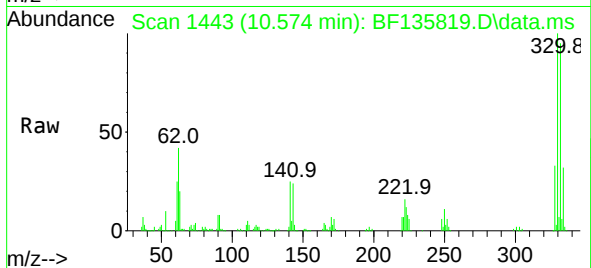
Tgt Ion:330 Resp: 155393

Ion Ratio Lower Upper

330 100

332 95.9 75.0 112.4

141 32.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 63.012 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

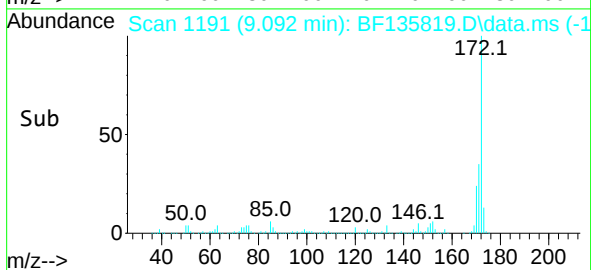
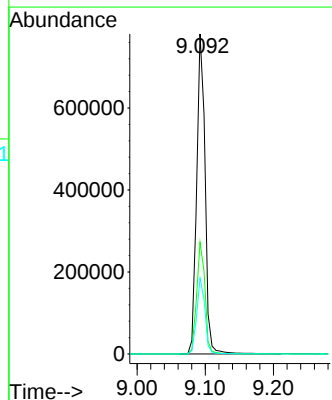
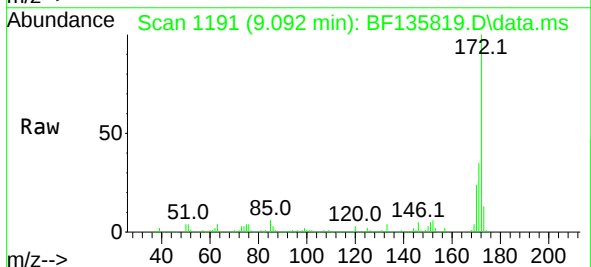
Tgt Ion:172 Resp: 664816

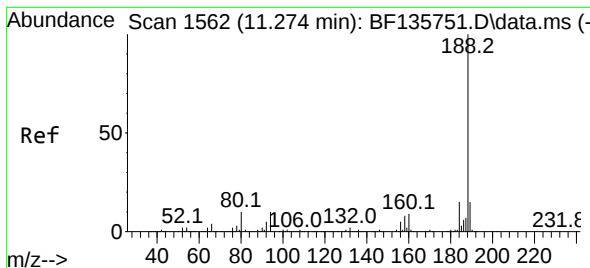
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.268 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135819.D

Acq: 17 Oct 2023 18:57

Instrument :

BNA_F

ClientSampleId :

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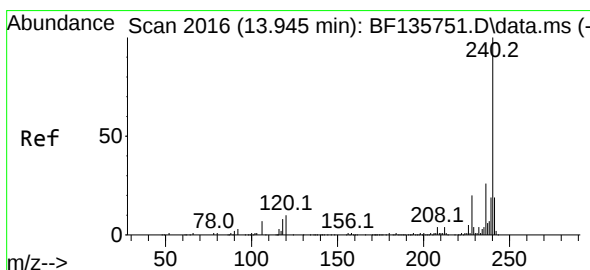
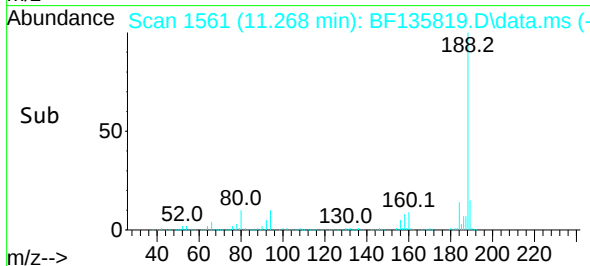
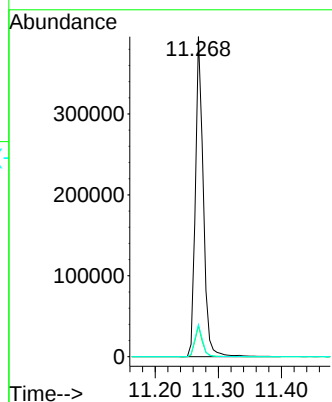
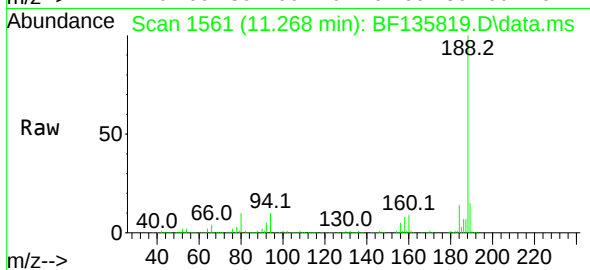
Tgt Ion:188 Resp: 344050

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

80 10.1 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: BF135819.D

Acq: 17 Oct 2023 18:57

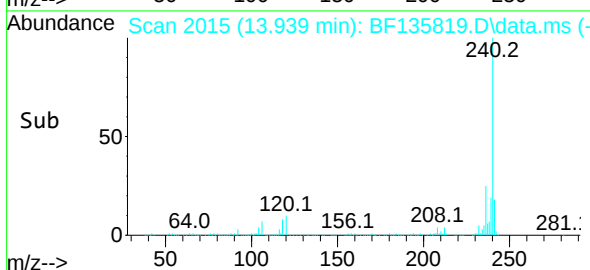
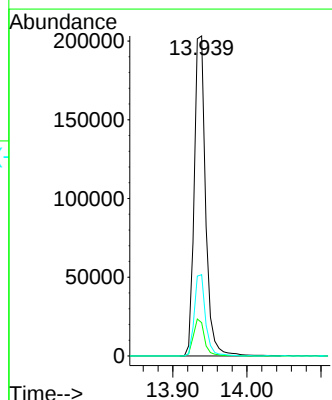
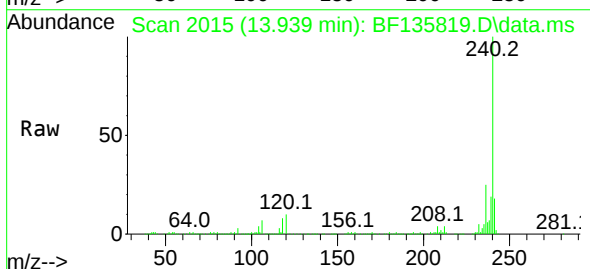
Tgt Ion:240 Resp: 217387

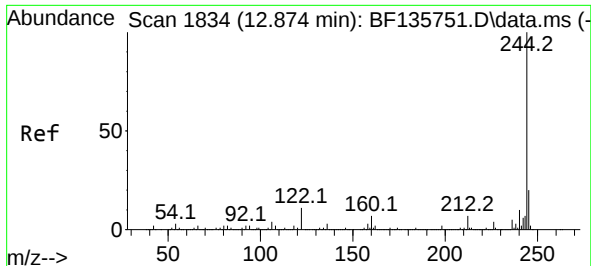
Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 25.4 21.2 31.8

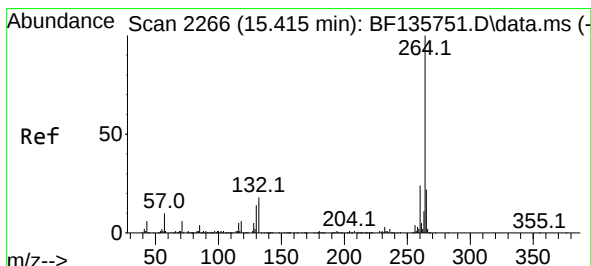
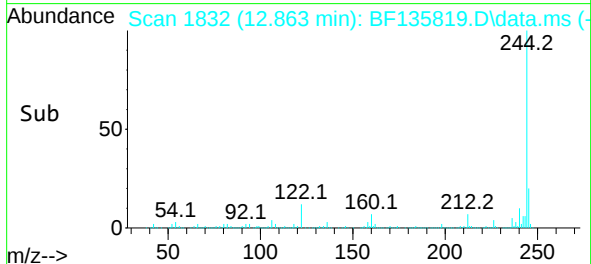
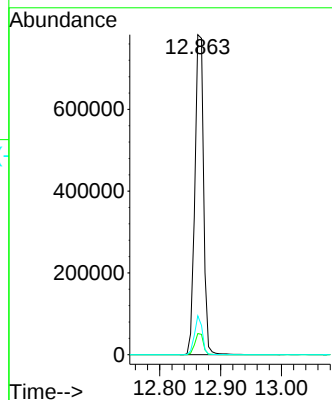
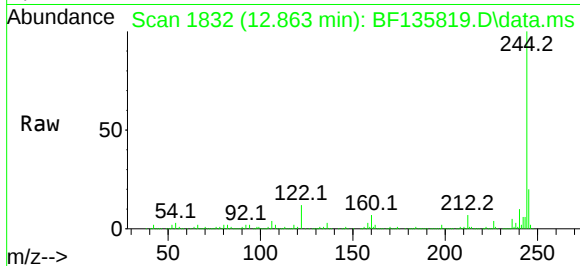




#79
 Terphenyl-d14
 Concen: 65.878 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.018 min
 Lab File: BF135819.D
 Acq: 17 Oct 2023 18:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 773307
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 12.2 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135819.D
 Acq: 17 Oct 2023 18:57

Tgt Ion:264 Resp: 192856
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.0 17.4 26.2

