

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135623.D
 Acq On : 06 Oct 2023 11:54
 Operator : CG\JU
 Sample : PB156086TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156086TB

Quant Time: Oct 06 12:25:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	151168	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	598952	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	279758	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	621368	20.000	ng	0.00
76) Chrysene-d12	13.927	240	400010	20.000	ng	0.00
86) Perylene-d12	15.398	264	104711	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1132493	121.847	ng	0.02
7) Phenol-d6	6.392	99	1394118	117.962	ng	0.00
23) Nitrobenzene-d5	7.304	82	927473	84.129	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	372077	133.835	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1606641	86.645	ng	0.00
79) Terphenyl-d14	12.868	244	1794124	69.529	ng	0.00

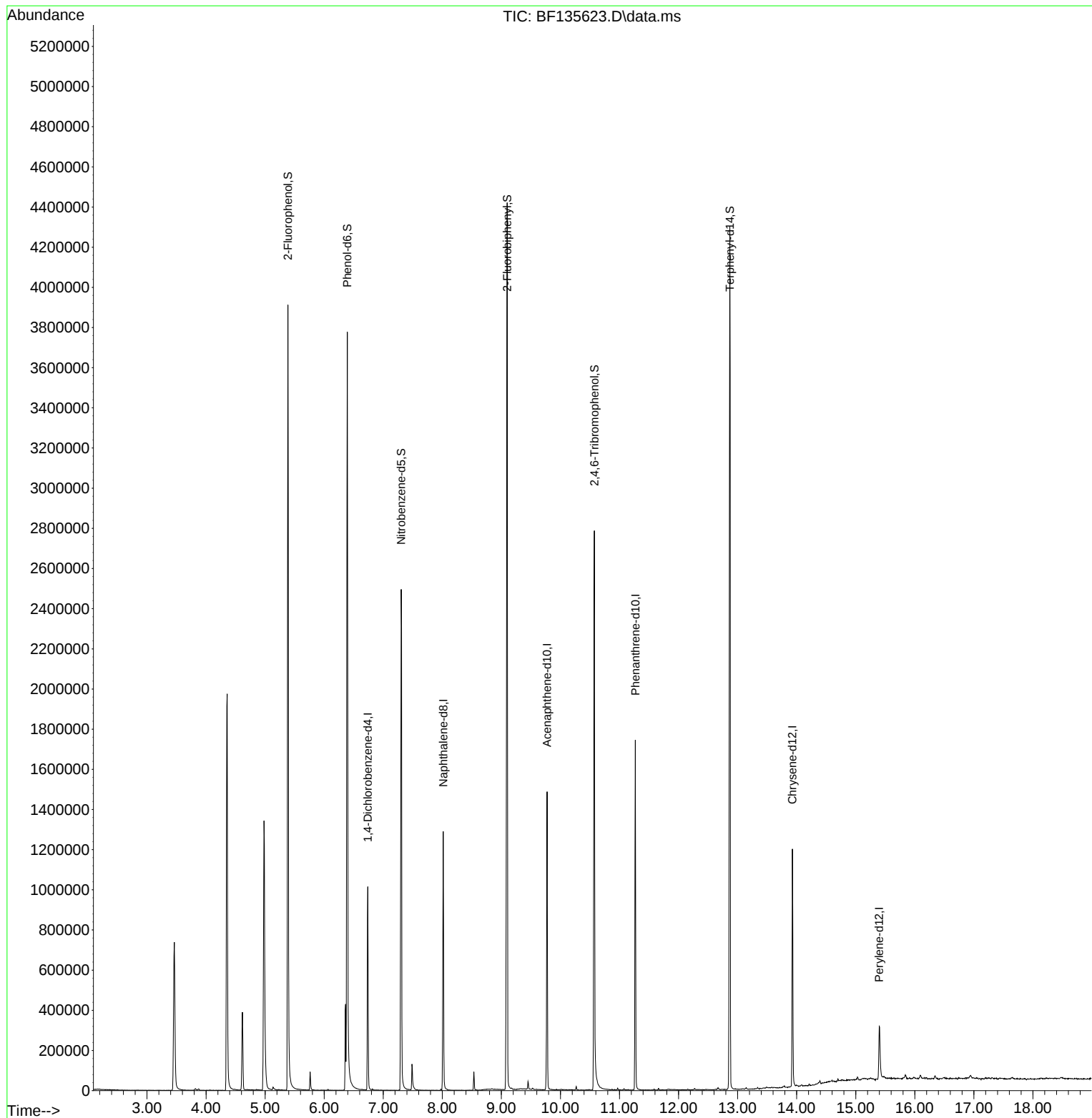
Target Compounds	Qvalue

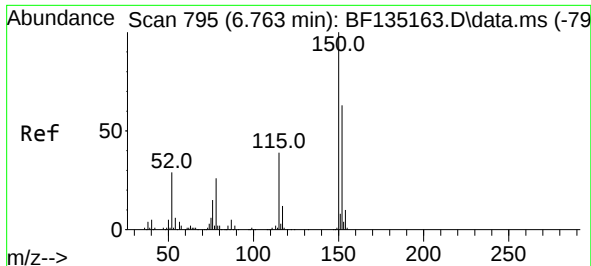
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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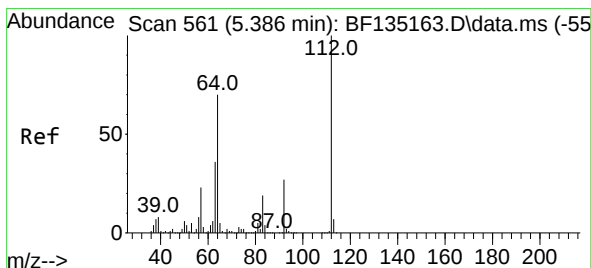
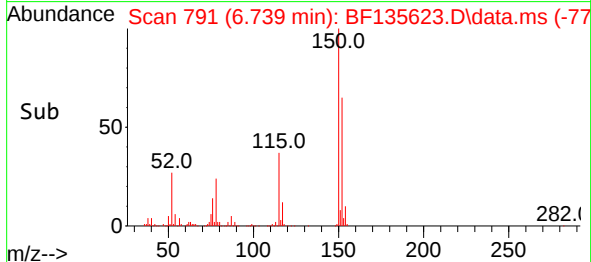
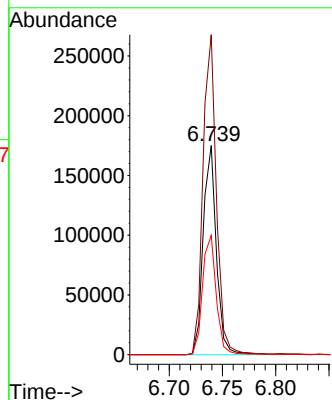
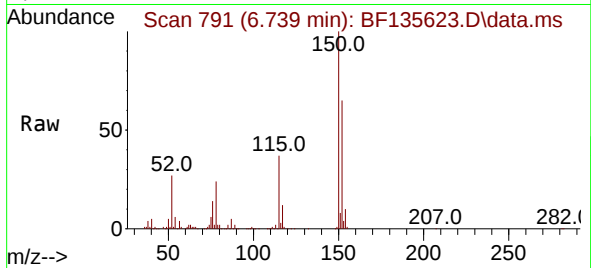




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

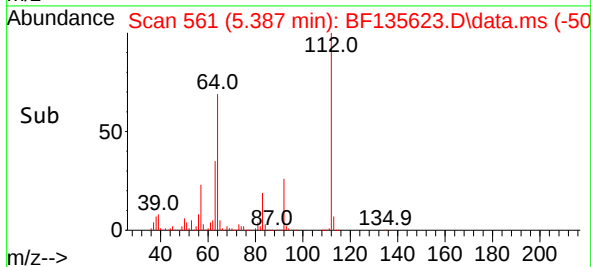
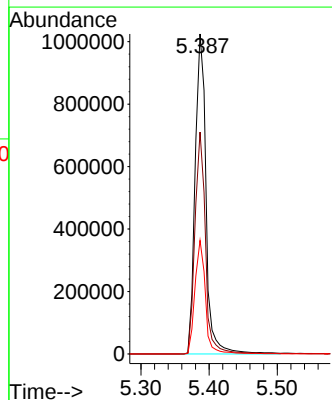
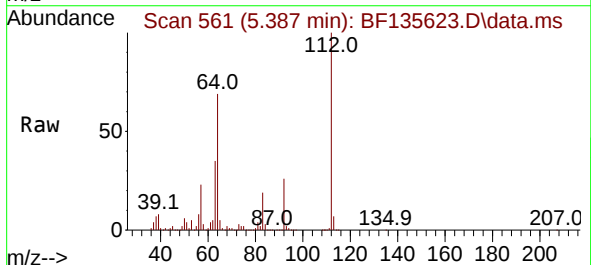
Instrument :
BNA_F
ClientSampleId :
PB156086TB

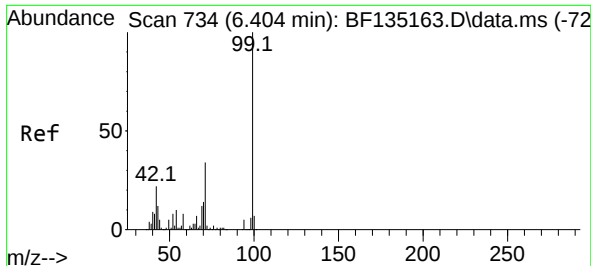
Tgt Ion:152 Resp: 151168
Ion Ratio Lower Upper
152 100
150 153.1 127.8 191.6
115 57.1 49.8 74.8



#5
2-Fluorophenol
Concen: 121.847 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

Tgt Ion:112 Resp: 1132493
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.5 29.0 43.6





#7

Phenol-d6

Concen: 117.962 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Instrument :

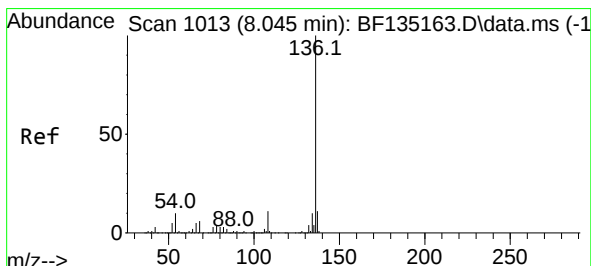
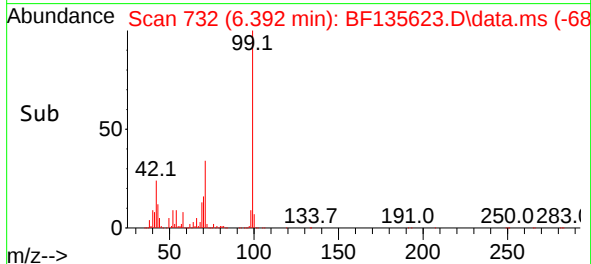
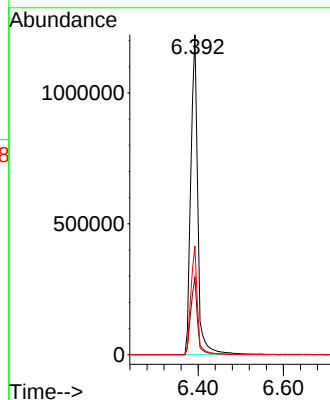
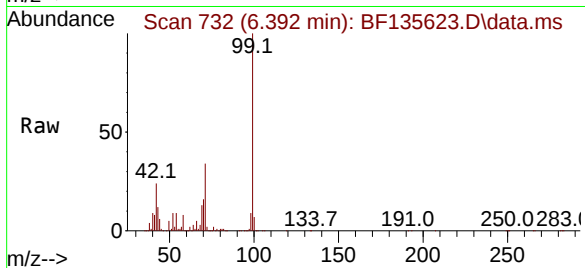
BNA_F

ClientSampleId :

PB156086TB

Tgt Ion: 99 Resp: 1394118

Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.9	26.9
71	33.9	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

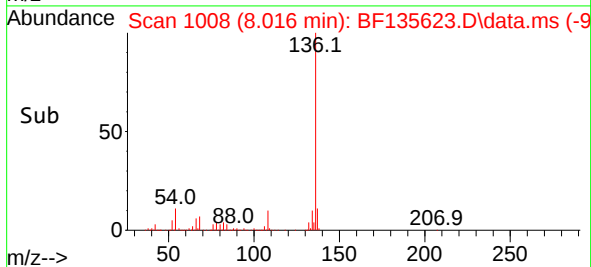
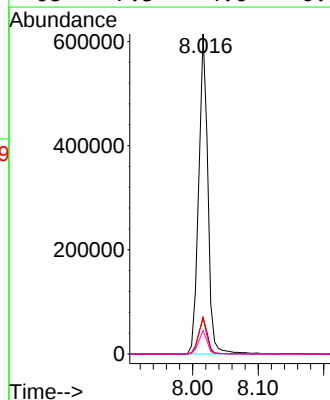
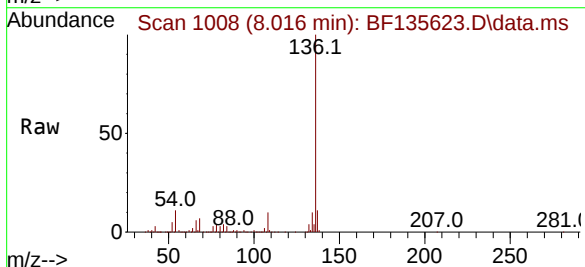
Delta R.T. 0.000 min

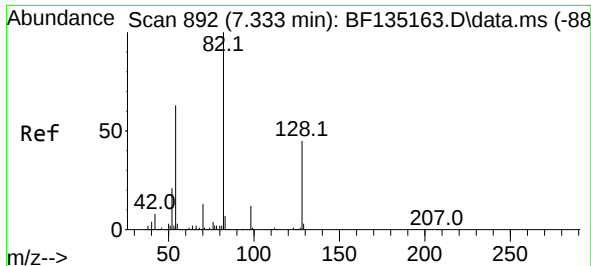
Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Tgt Ion:136 Resp: 598952

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	11.3	7.7	11.5
68	7.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 84.129 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Instrument :

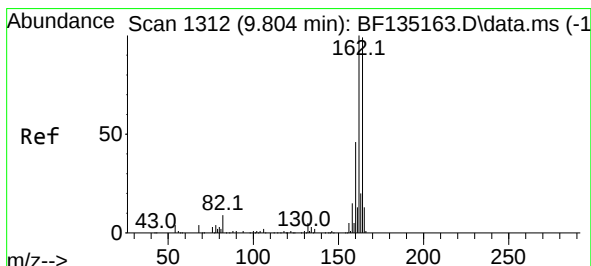
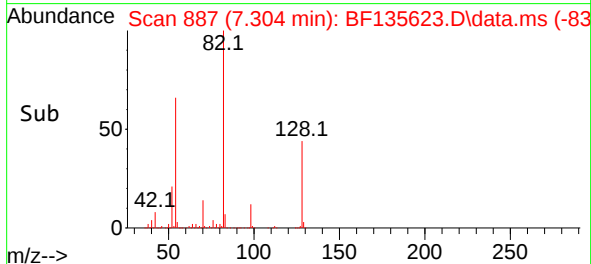
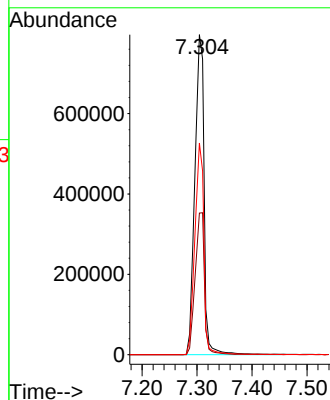
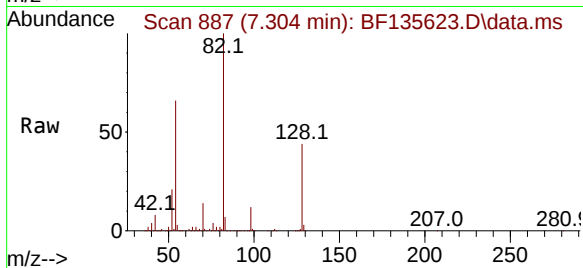
BNA_F

ClientSampleId :

PB156086TB

Tgt Ion: 82 Resp: 927473

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.6
54	66.1	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

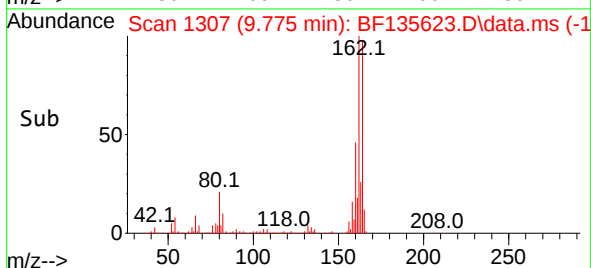
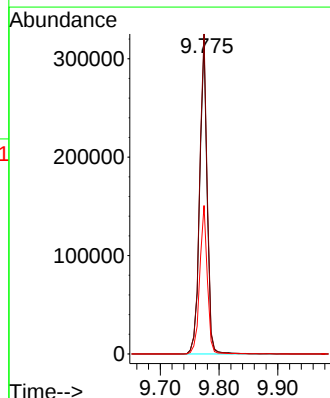
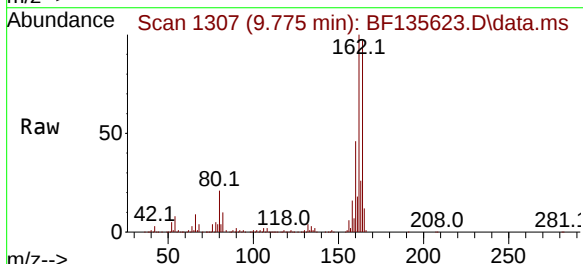
Delta R.T. 0.000 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Tgt Ion: 164 Resp: 279758

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.0	121.4
160	47.6	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 133.835 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Instrument :

BNA_F

ClientSampleId :

PB156086TB

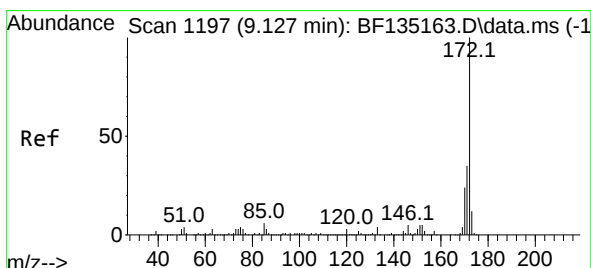
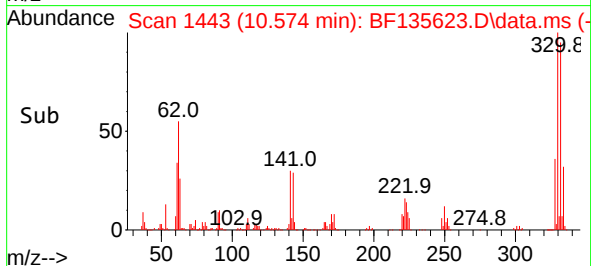
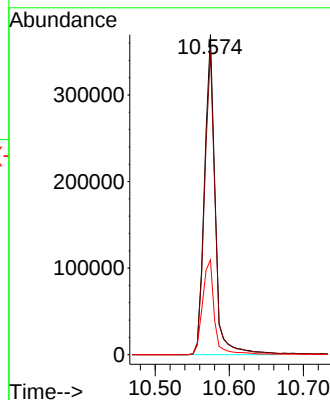
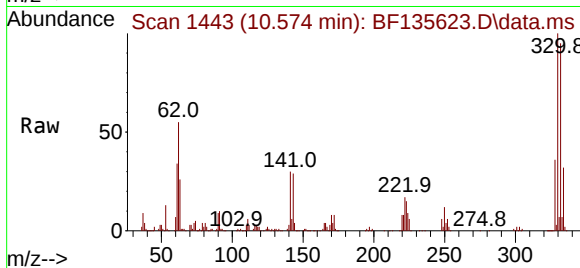
Tgt Ion:330 Resp: 372077

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 33.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 86.645 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

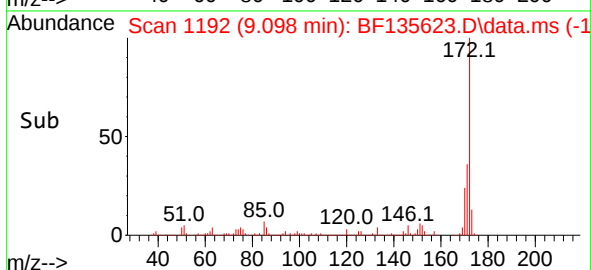
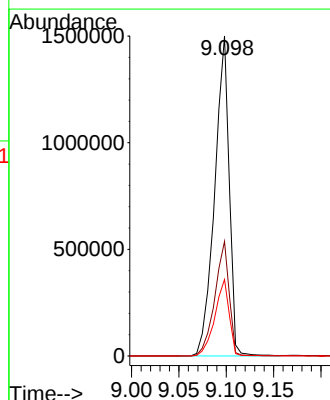
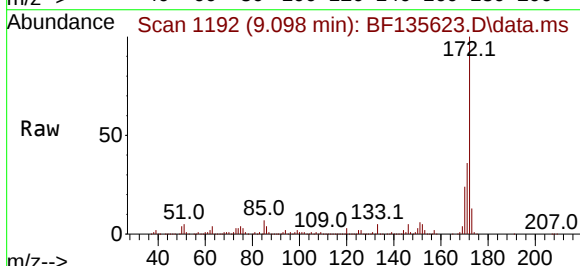
Tgt Ion:172 Resp: 1606641

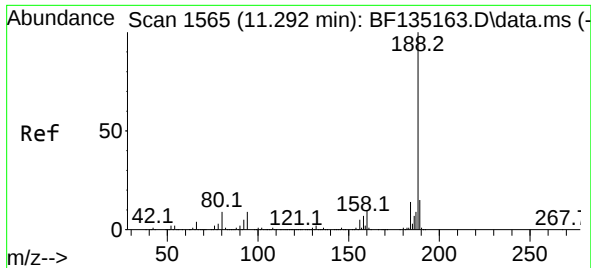
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 19.0 28.4

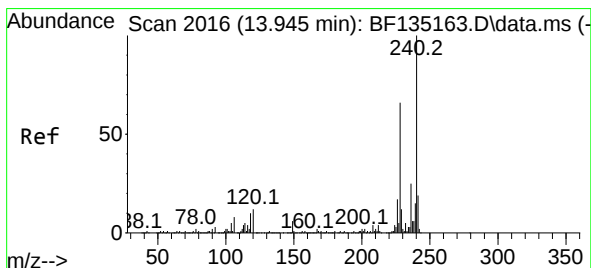
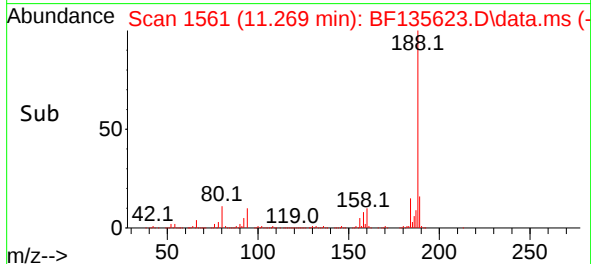
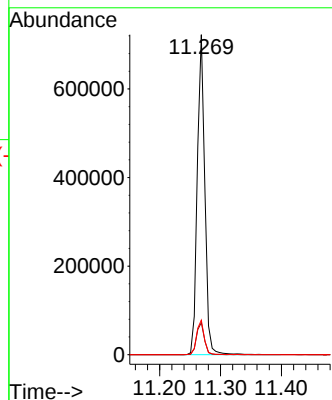
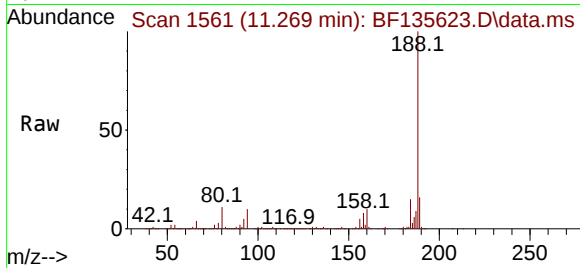




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

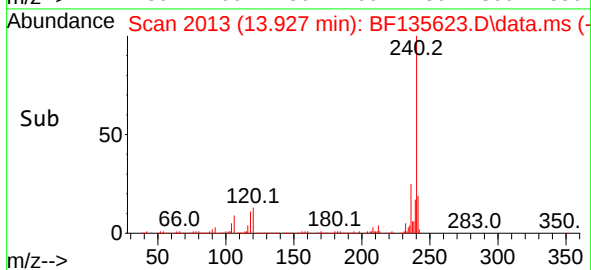
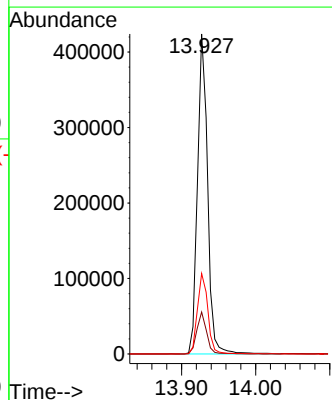
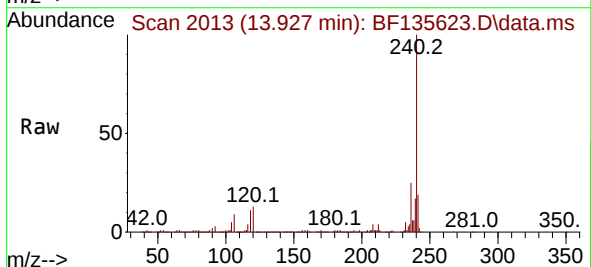
Instrument :
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Tgt Ion:188 Resp: 621368
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

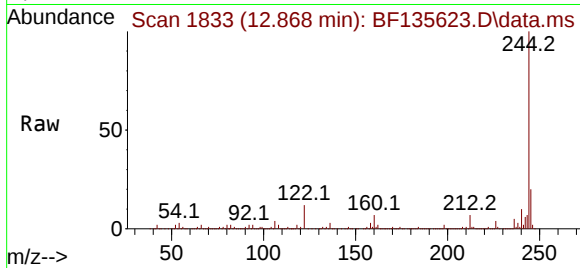
Tgt Ion:240 Resp: 400010
Ion Ratio Lower Upper
240 100
120 13.1 9.4 14.2
236 25.2 19.8 29.8



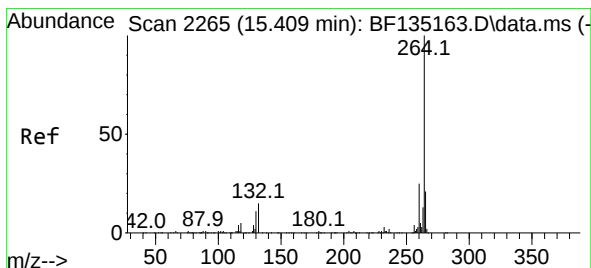
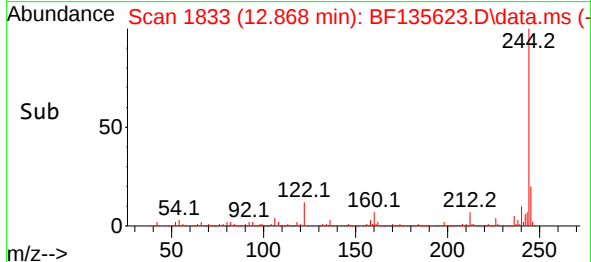
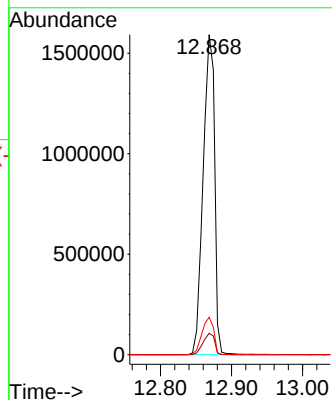


#79
 Terphenyl-d14
 Concen: 69.529 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135623.D
 Acq: 06 Oct 2023 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB156086TB



Tgt Ion:244 Resp: 1794124
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135623.D
 Acq: 06 Oct 2023 11:54

Tgt Ion:264 Resp: 104711
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.8 29.6
 265 18.9 17.0 25.4

