

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131895.D
 Acq On : 04 Jan 2023 12:49
 Operator : CG\JU
 Sample : PB150009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BL

Quant Time: Jan 05 05:39:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	61058	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	233776	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	141611	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	287793	20.000	ng	0.00
76) Chrysene-d12	14.010	240	199999	20.000	ng	0.00
86) Perylene-d12	15.492	264	141003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	591007	160.410	ng	0.01
7) Phenol-d6	6.451	99	762883	157.602	ng	0.00
23) Nitrobenzene-d5	7.381	82	544807	93.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	244316	158.790	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	982548	95.037	ng	0.00
79) Terphenyl-d14	12.957	244	1276341	107.948	ng	0.00

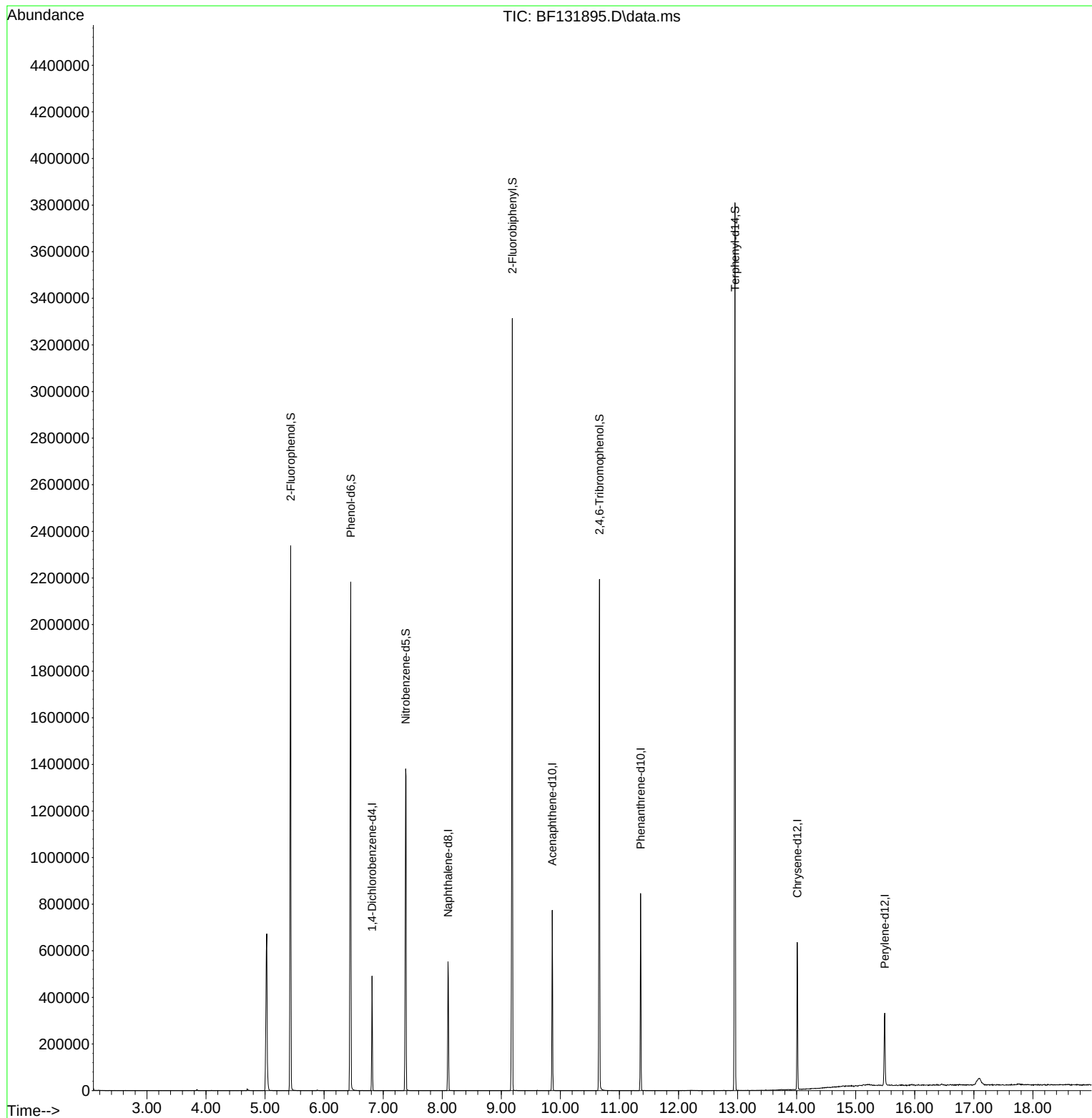
Target Compounds Qvalue

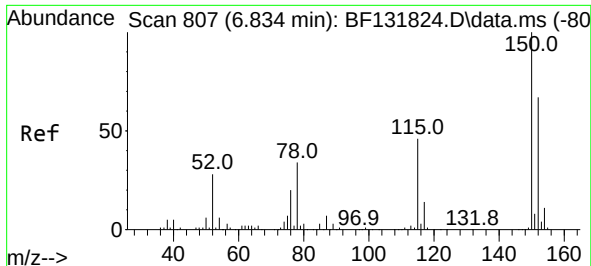
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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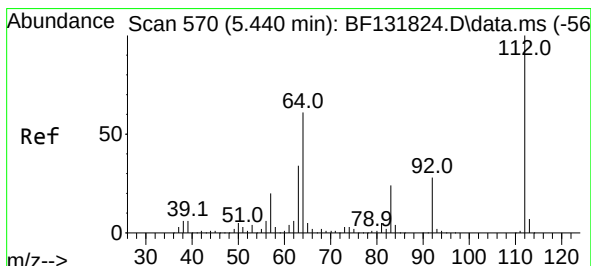
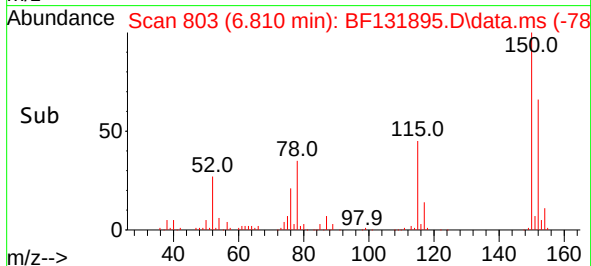
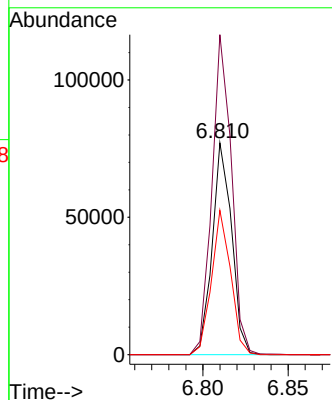
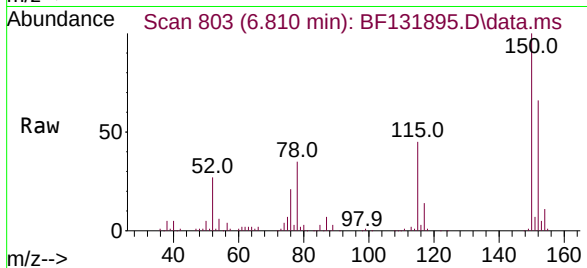




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

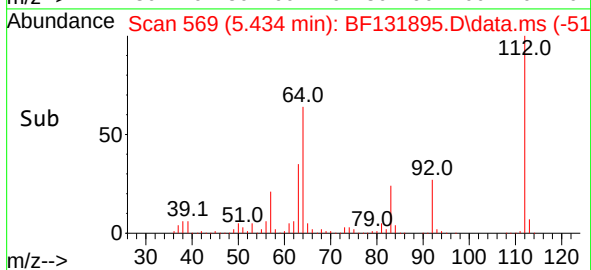
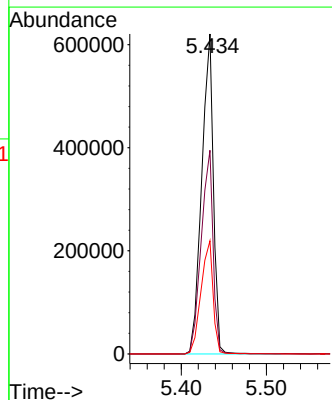
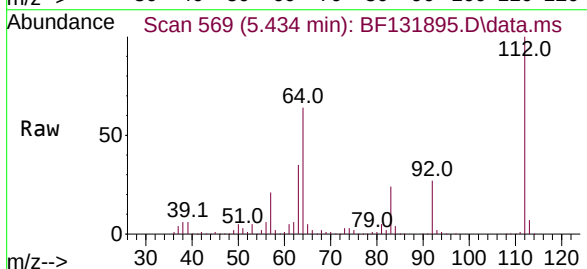
Instrument :
BNA_F
ClientSampleId :
PB150009BL

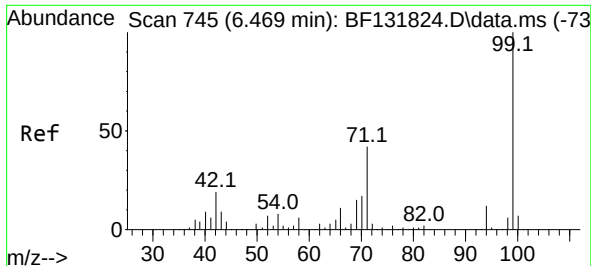
Tgt Ion:152 Resp: 61058
Ion Ratio Lower Upper
152 100
150 151.1 120.0 180.0
115 68.1 55.1 82.7



#5
2-Fluorophenol
Concen: 160.410 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion:112 Resp: 591007
Ion Ratio Lower Upper
112 100
64 63.6 49.2 73.8
63 35.3 27.5 41.3

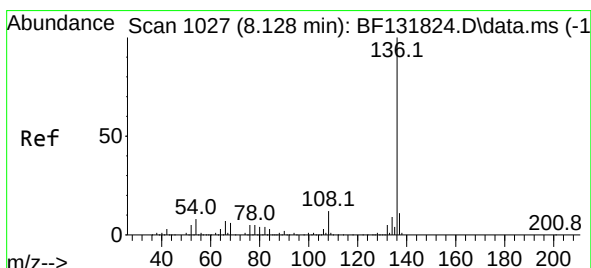
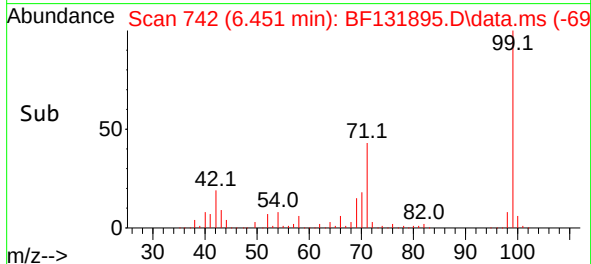
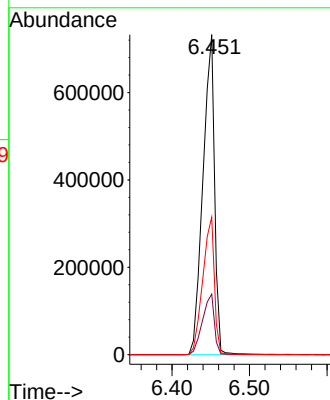
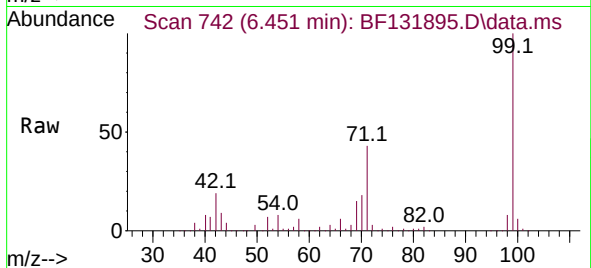




#7
Phenol-d6
Concen: 157.602 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

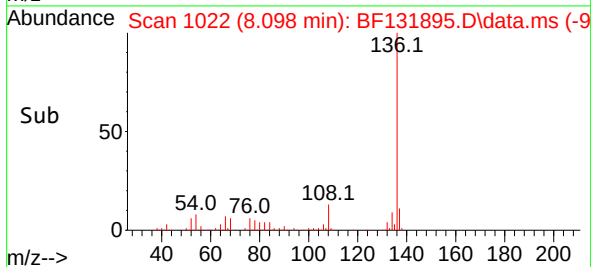
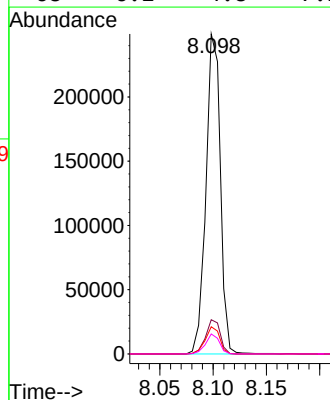
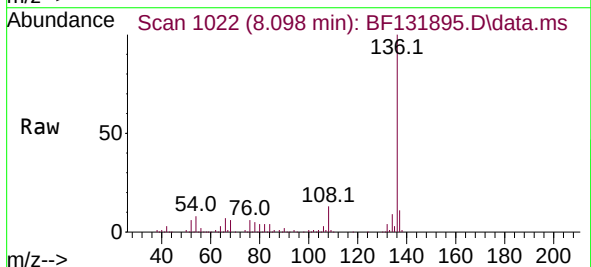
Instrument :
BNA_F
ClientSampleId :
PB150009BL

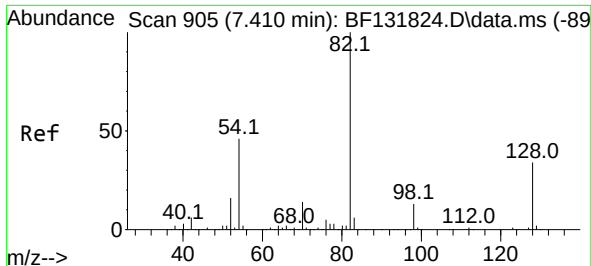
Tgt Ion: 99 Resp: 762883
Ion Ratio Lower Upper
99 100
42 18.9 15.3 22.9
71 43.0 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 136 Resp: 233776
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.5 6.7 10.1
68 6.2 4.8 7.2

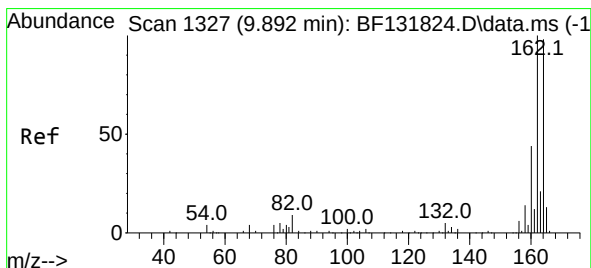
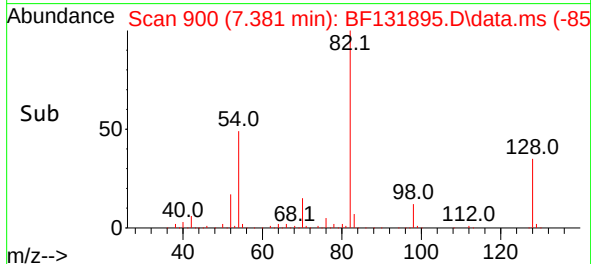
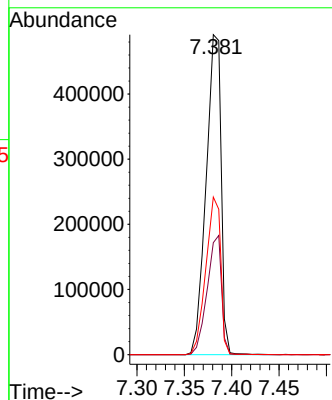
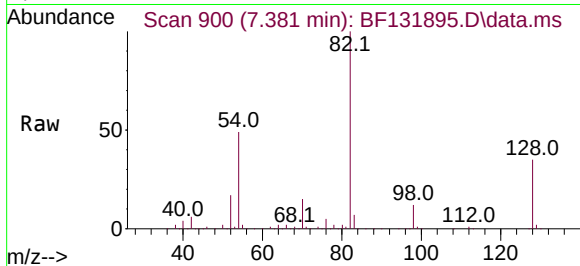




#23
Nitrobenzene-d5
Concen: 93.045 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

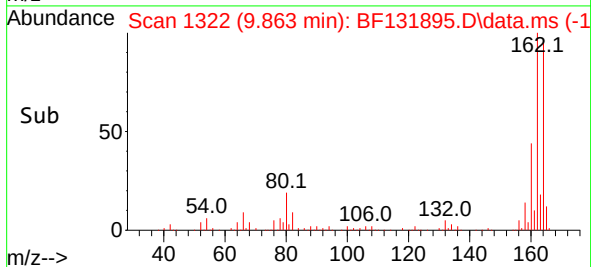
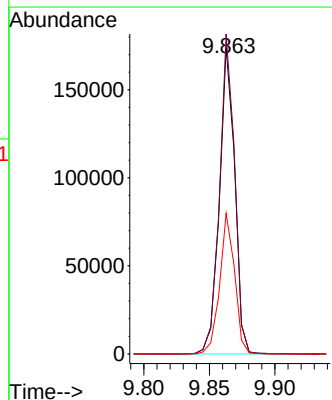
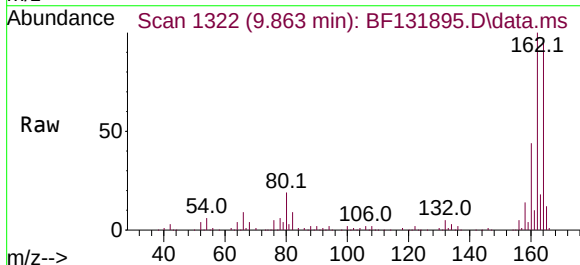
Instrument :
BNA_F
ClientSampleId :
PB150009BL

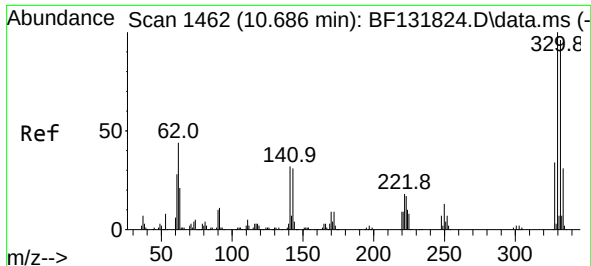
Tgt Ion: 82 Resp: 544807
Ion Ratio Lower Upper
82 100
128 35.0 27.1 40.7
54 49.2 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131895.D
Acq: 04 Jan 2023 12:49

Tgt Ion: 164 Resp: 141611
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.6
160 45.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 158.790 ng

RT: 10.663 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF131895.D

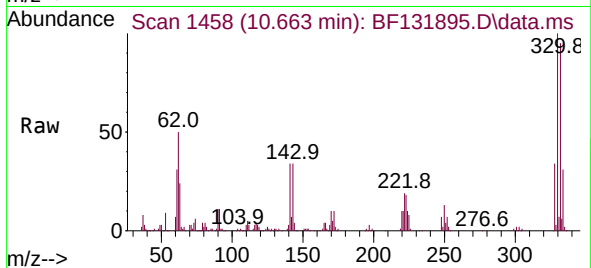
Acq: 04 Jan 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB150009BL



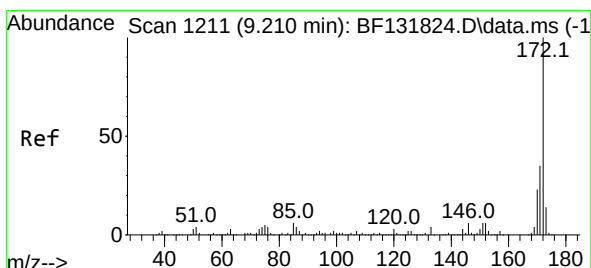
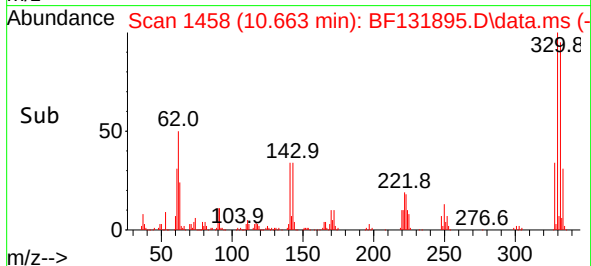
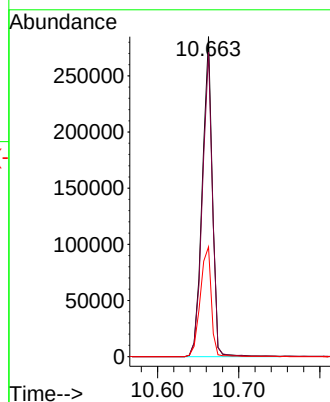
Tgt Ion:330 Resp: 244316

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 37.5 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.037 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

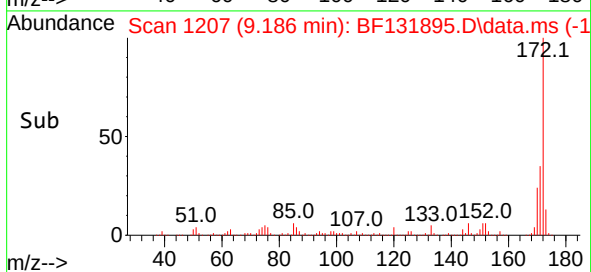
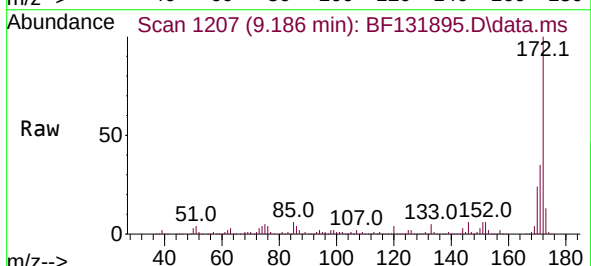
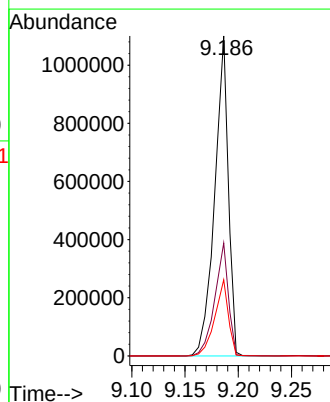
Tgt Ion:172 Resp: 982548

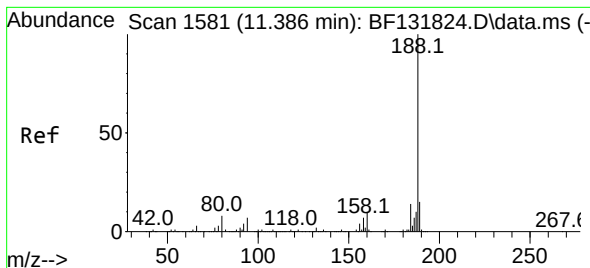
Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB150009BL

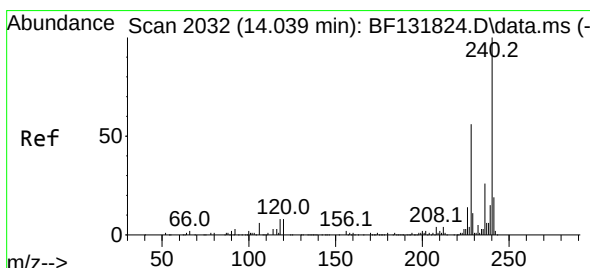
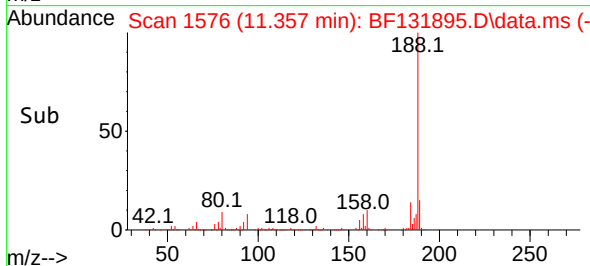
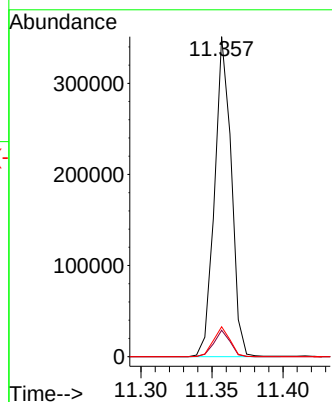
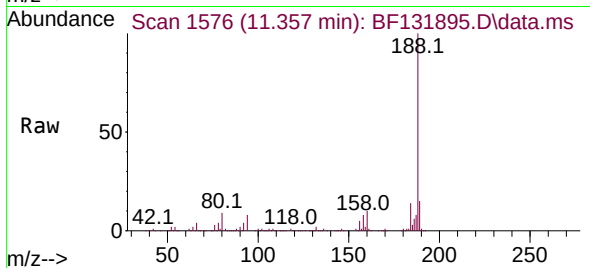
Tgt Ion:188 Resp: 287793

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 9.3 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF131895.D

Acq: 04 Jan 2023 12:49

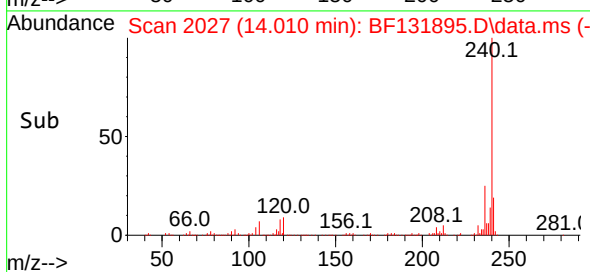
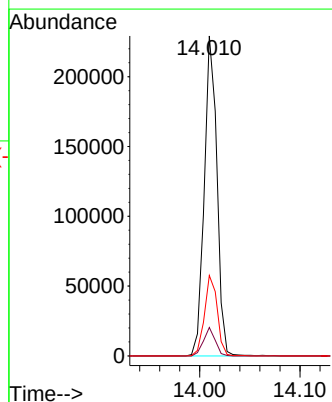
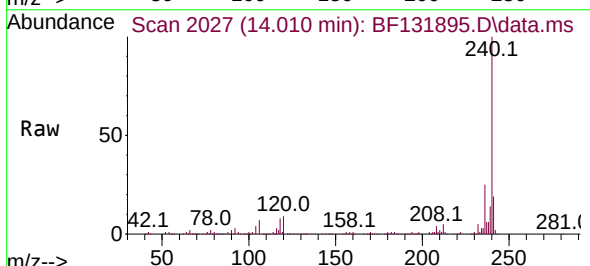
Tgt Ion:240 Resp: 199999

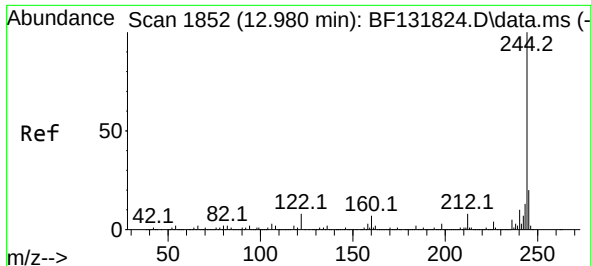
Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

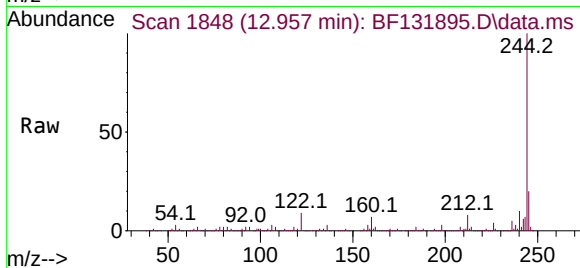
236 25.1 20.6 31.0





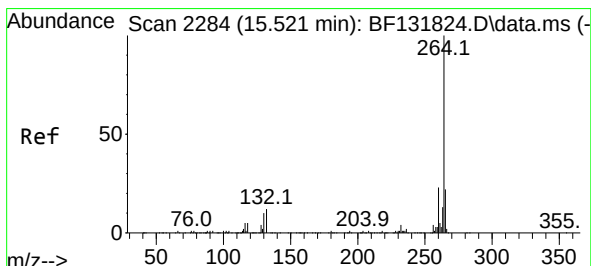
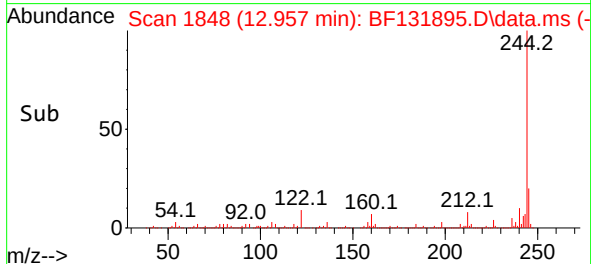
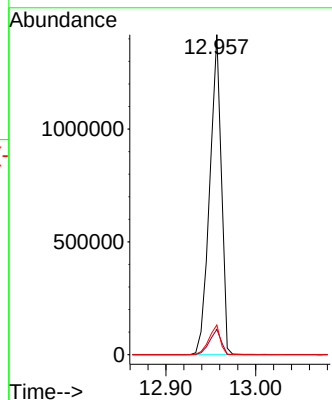
#79
 Terphenyl-d14
 Concen: 107.948 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF131895.D
 Acq: 04 Jan 2023 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BL



Tgt Ion:244 Resp: 1276341

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	9.3	6.4	9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF131895.D
 Acq: 04 Jan 2023 12:49

Tgt Ion:264 Resp: 141003

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	20.7	17.4	26.0

