

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131936.D
 Acq On : 06 Jan 2023 12:00
 Operator : CG\JU
 Sample : PB150012TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150012TB

Quant Time: Jan 07 00:19:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	65448	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	248755	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	154339	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	305606	20.000	ng	0.00
76) Chrysene-d12	13.998	240	212483	20.000	ng	0.00
86) Perylene-d12	15.468	264	142368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	559257	141.610	ng	0.02
7) Phenol-d6	6.439	99	736180	141.884	ng	0.00
23) Nitrobenzene-d5	7.369	82	499384	80.152	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	214217	127.746	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	905553	80.366	ng	0.00
79) Terphenyl-d14	12.939	244	1149990	91.548	ng	0.00

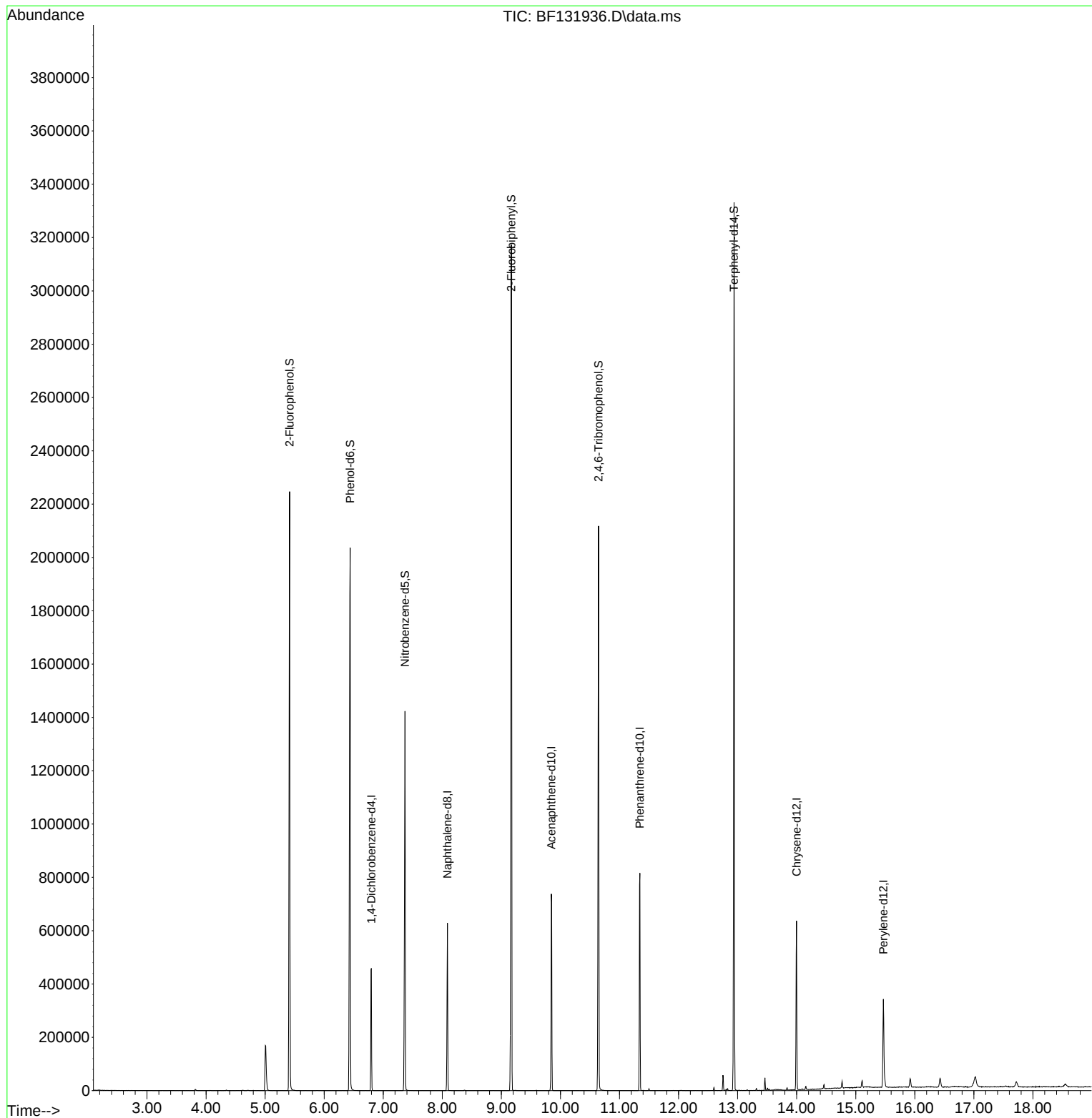
Target Compounds	Qvalue

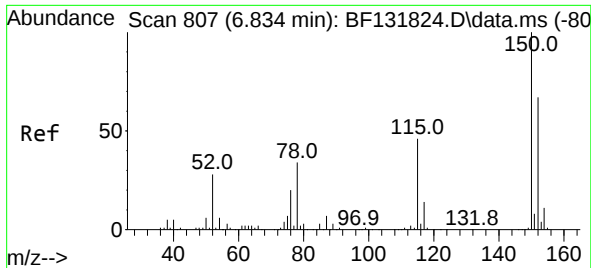
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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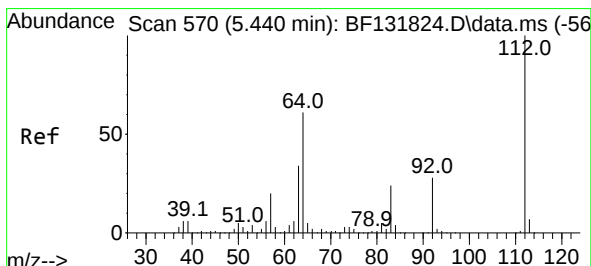
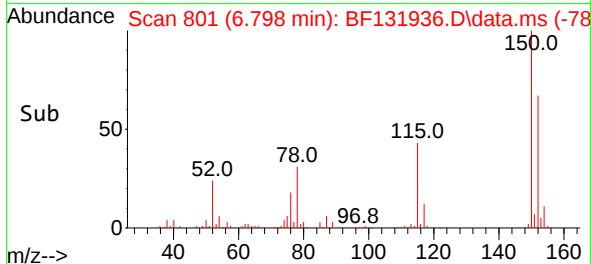
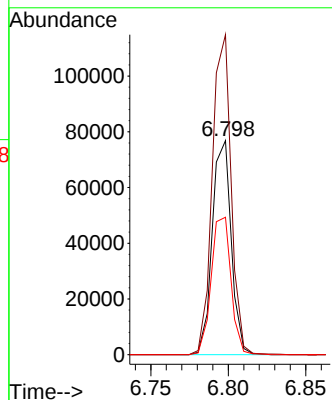
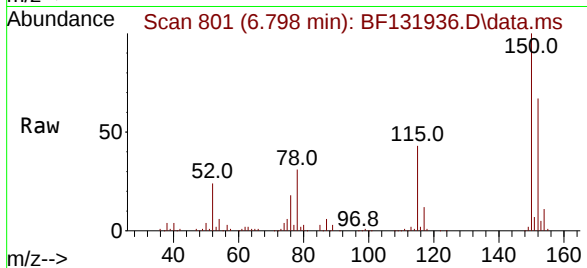




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

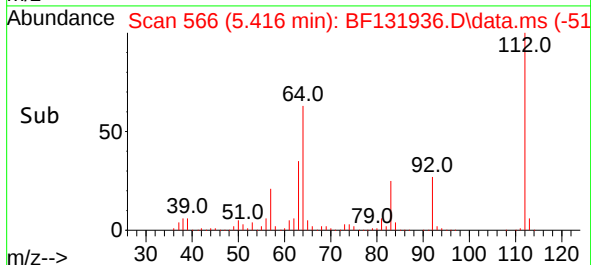
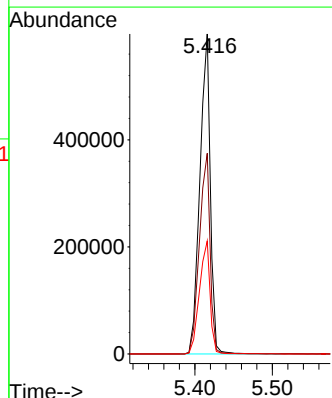
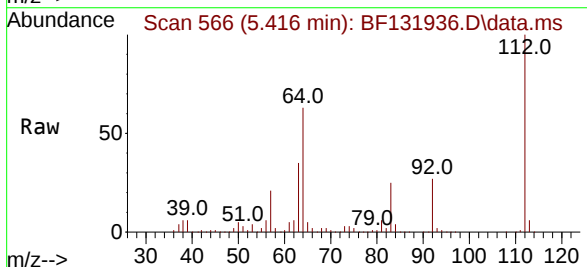
Instrument :
BNA_F
ClientSampleId :
PB150012TB

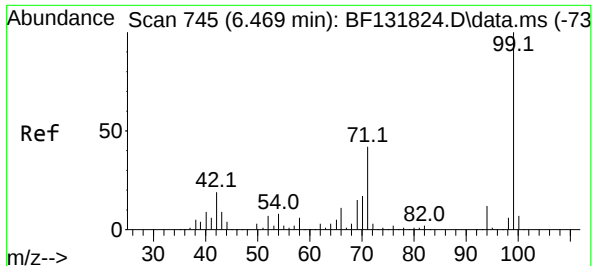
Tgt Ion:152 Resp: 65448
Ion Ratio Lower Upper
152 100
150 149.5 120.0 180.0
115 64.2 55.1 82.7



#5
2-Fluorophenol
Concen: 141.610 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Tgt Ion:112 Resp: 559257
Ion Ratio Lower Upper
112 100
64 62.7 49.2 73.8
63 35.3 27.5 41.3

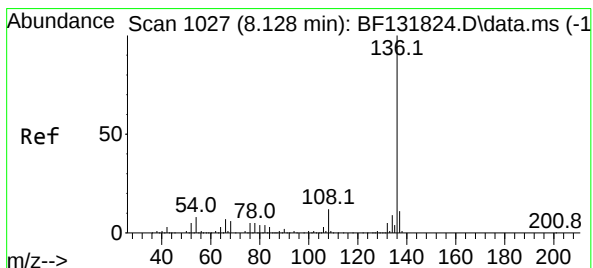
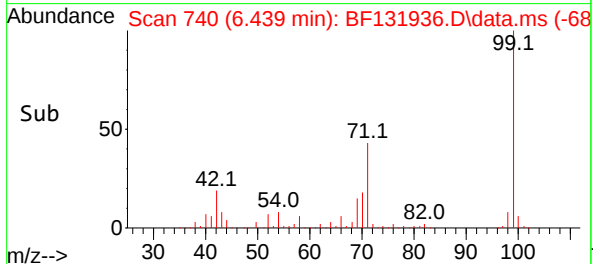
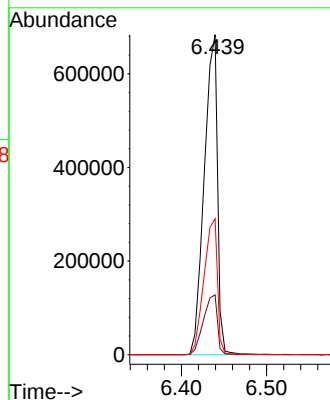
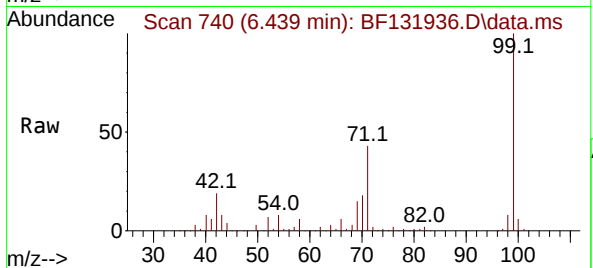




#7
Phenol-d6
Concen: 141.884 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

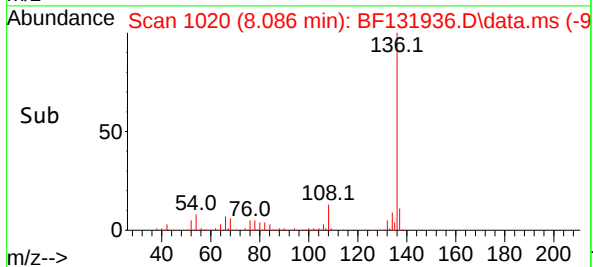
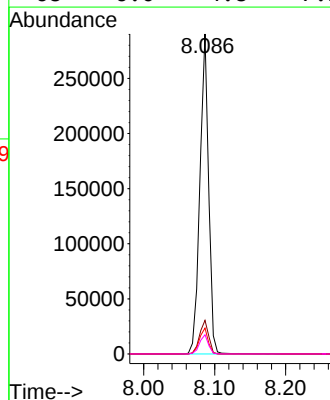
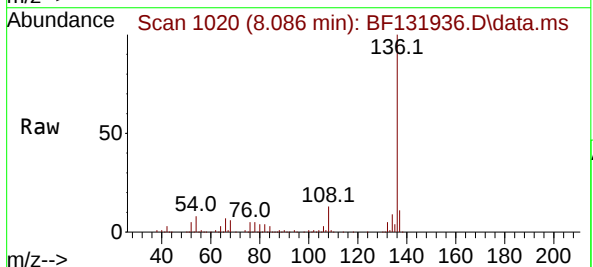
Instrument :
BNA_F
ClientSampleId :
PB150012TB

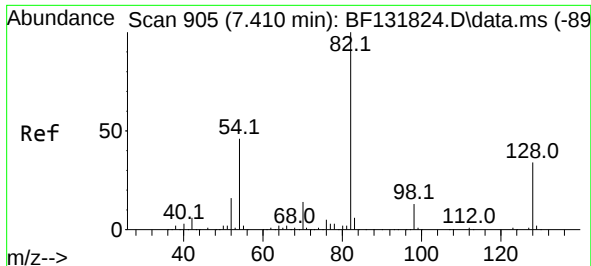
Tgt Ion: 99 Resp: 736180
Ion Ratio Lower Upper
99 100
42 18.7 15.3 22.9
71 42.5 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

Tgt Ion: 136 Resp: 248755
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 8.1 6.7 10.1
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.152 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

Instrument :

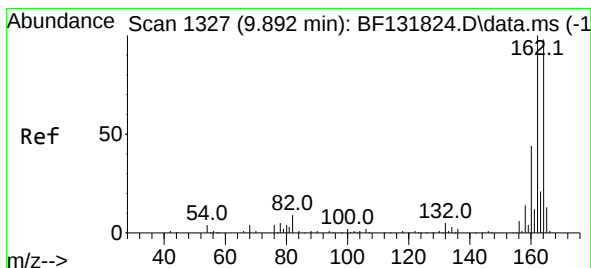
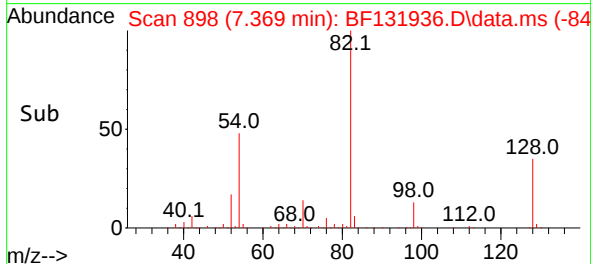
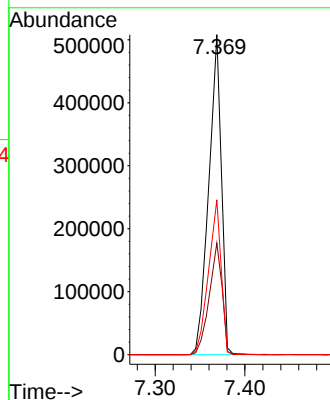
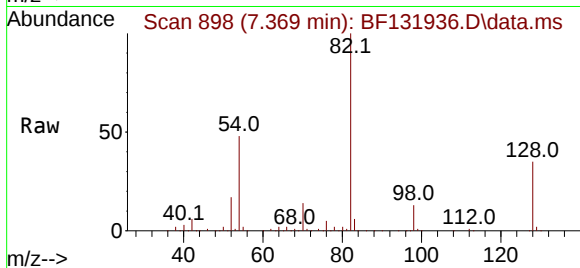
BNA_F

ClientSampleId :

PB150012TB

Tgt Ion: 82 Resp: 499384

Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.1	40.7
54	48.4	37.0	55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

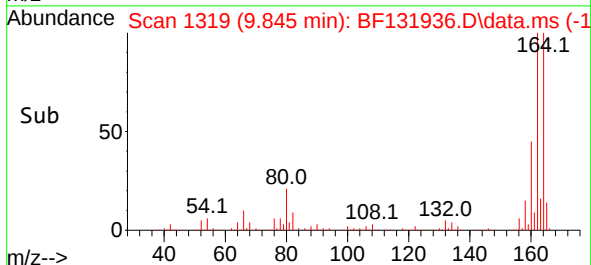
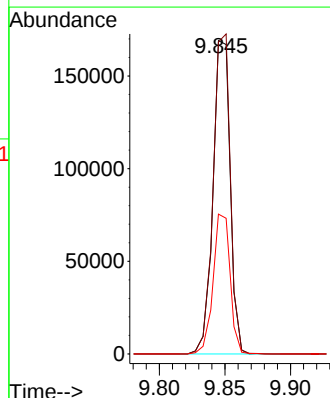
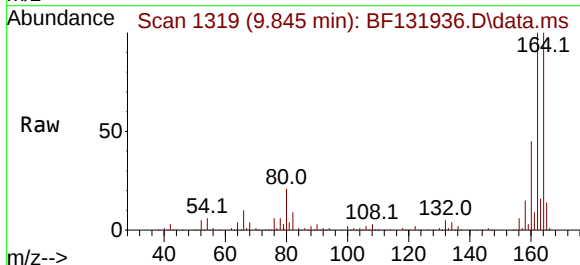
Delta R.T. -0.006 min

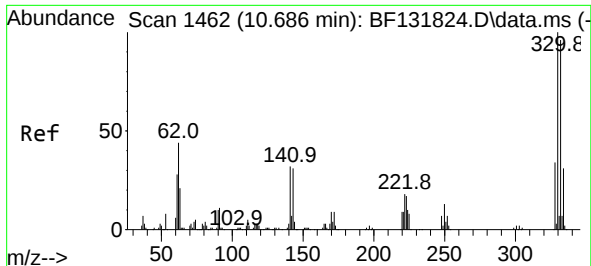
Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

Tgt Ion:164 Resp: 154339

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.8	122.6
160	44.7	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 127.746 ng

RT: 10.645 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF131936.D

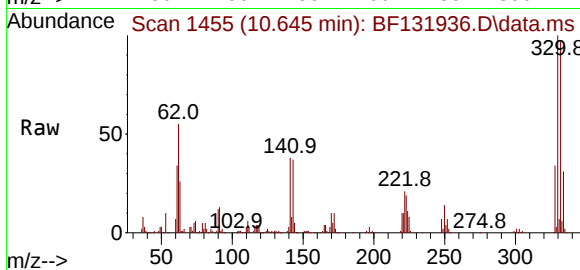
Acq: 06 Jan 2023 12:00

Instrument :

BNA_F

ClientSampleId :

PB150012TB



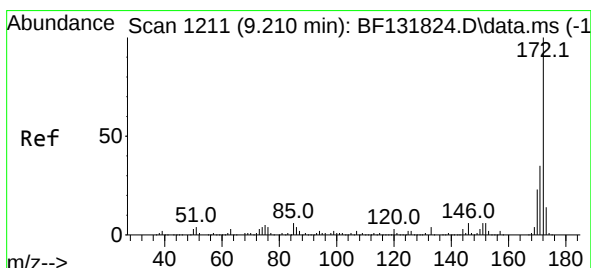
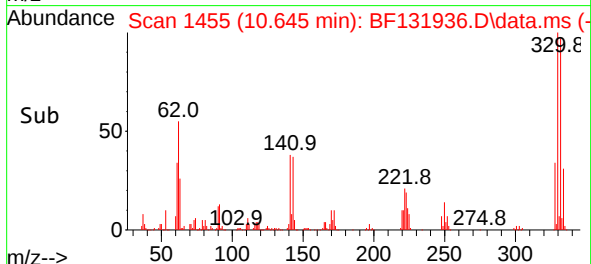
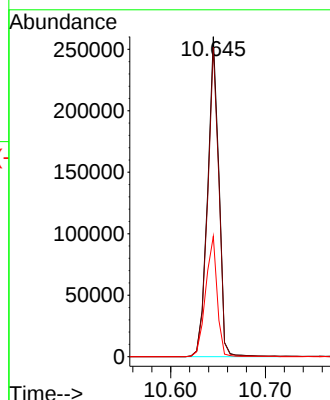
Tgt Ion:330 Resp: 214217

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 38.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 80.366 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF131936.D

Acq: 06 Jan 2023 12:00

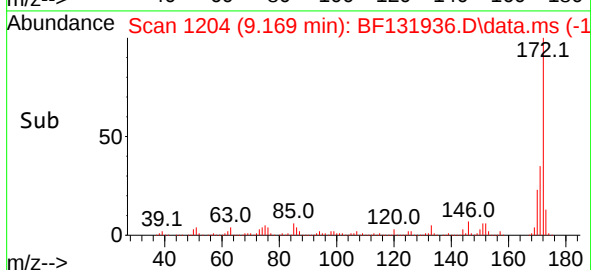
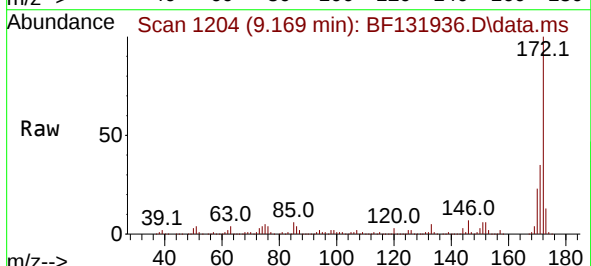
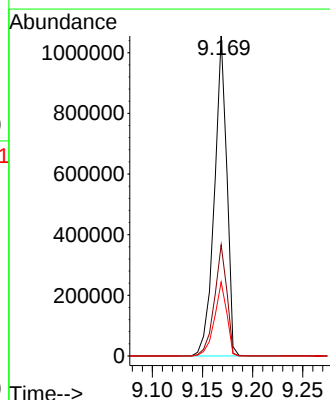
Tgt Ion:172 Resp: 905553

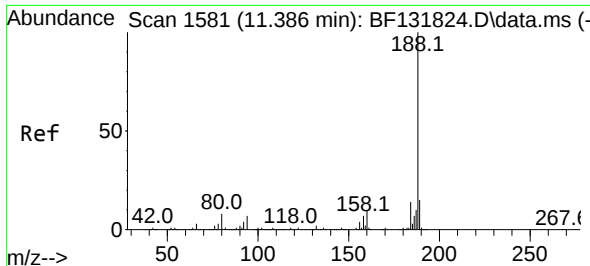
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.1 18.7 28.1

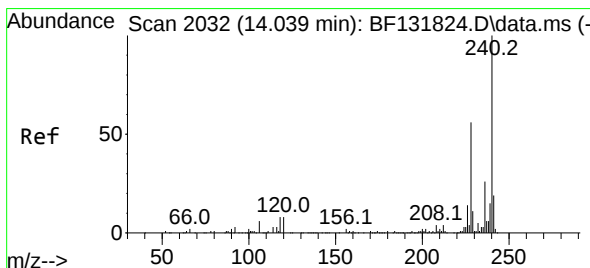
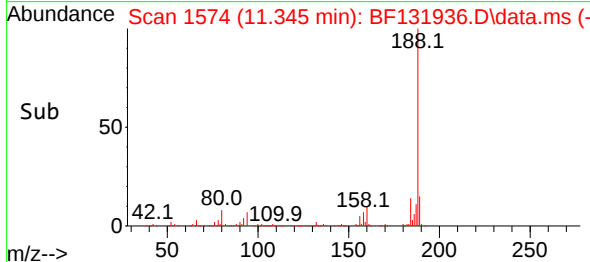
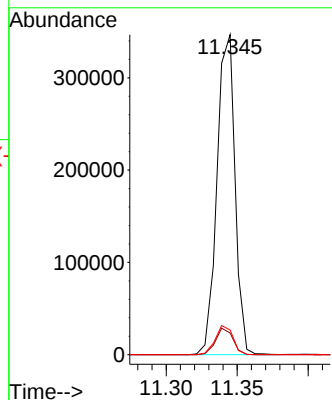
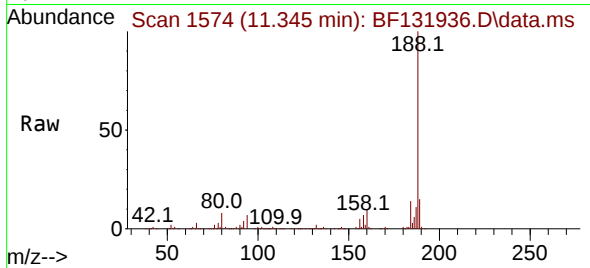




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

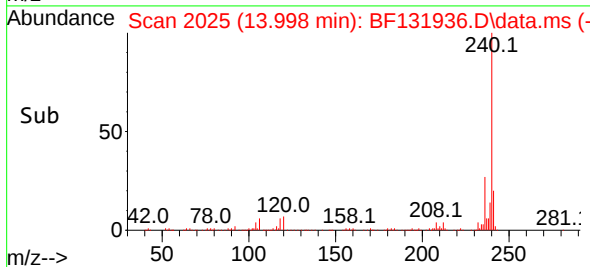
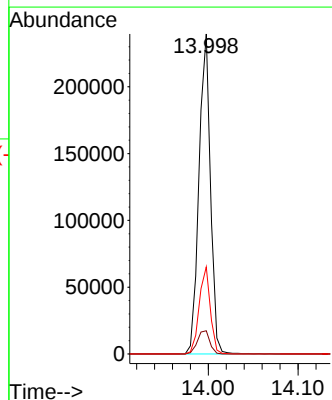
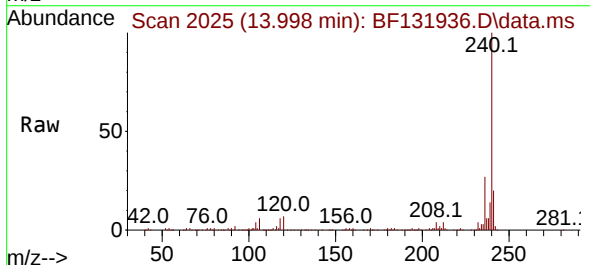
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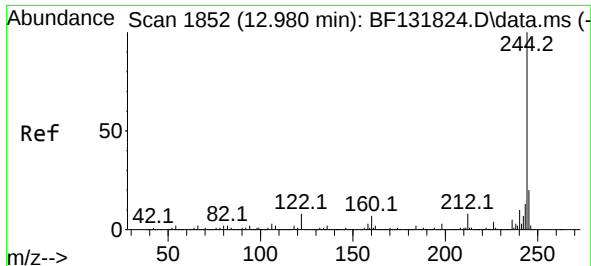
Tgt Ion:188 Resp: 305606
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.6
80 7.7 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF131936.D
Acq: 06 Jan 2023 12:00

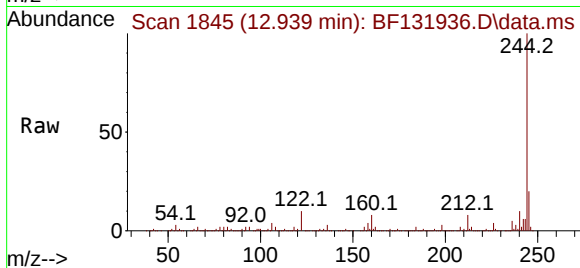
Tgt Ion:240 Resp: 212483
Ion Ratio Lower Upper
240 100
120 7.3 6.7 10.1
236 27.2 20.6 31.0



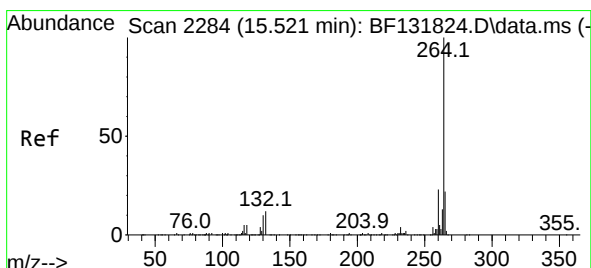
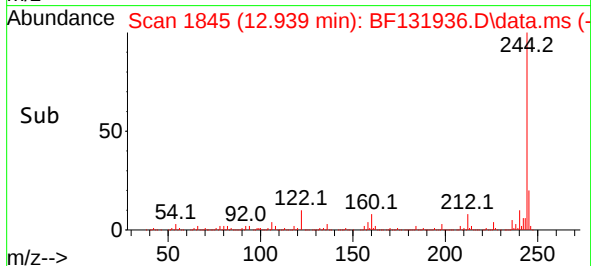
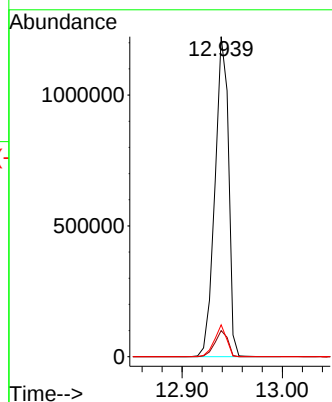


#79
 Terphenyl-d14
 Concen: 91.548 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131936.D
 Acq: 06 Jan 2023 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB150012TB



Tgt Ion:244 Resp: 1149990
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.9 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.000 min
 Lab File: BF131936.D
 Acq: 06 Jan 2023 12:00

Tgt Ion:264 Resp: 142368
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.4 26.0

