

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131435.D
 Acq On : 28 Nov 2022 18:15
 Operator : CG\JU
 Sample : N5752-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13D

Quant Time: Nov 29 00:57:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	74170	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	265634	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	143418	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	229709	20.000	ng	0.00
76) Chrysene-d12	14.157	240	163631	20.000	ng	#-0.01
86) Perylene-d12	15.698	264	168509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	461154	118.333	ng	0.00
7) Phenol-d6	6.569	99	563695	113.368	ng	0.00
23) Nitrobenzene-d5	7.516	82	383385	72.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	140036	116.060	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	689747	69.967	ng	0.00
79) Terphenyl-d14	13.098	244	600947	60.056	ng	0.00

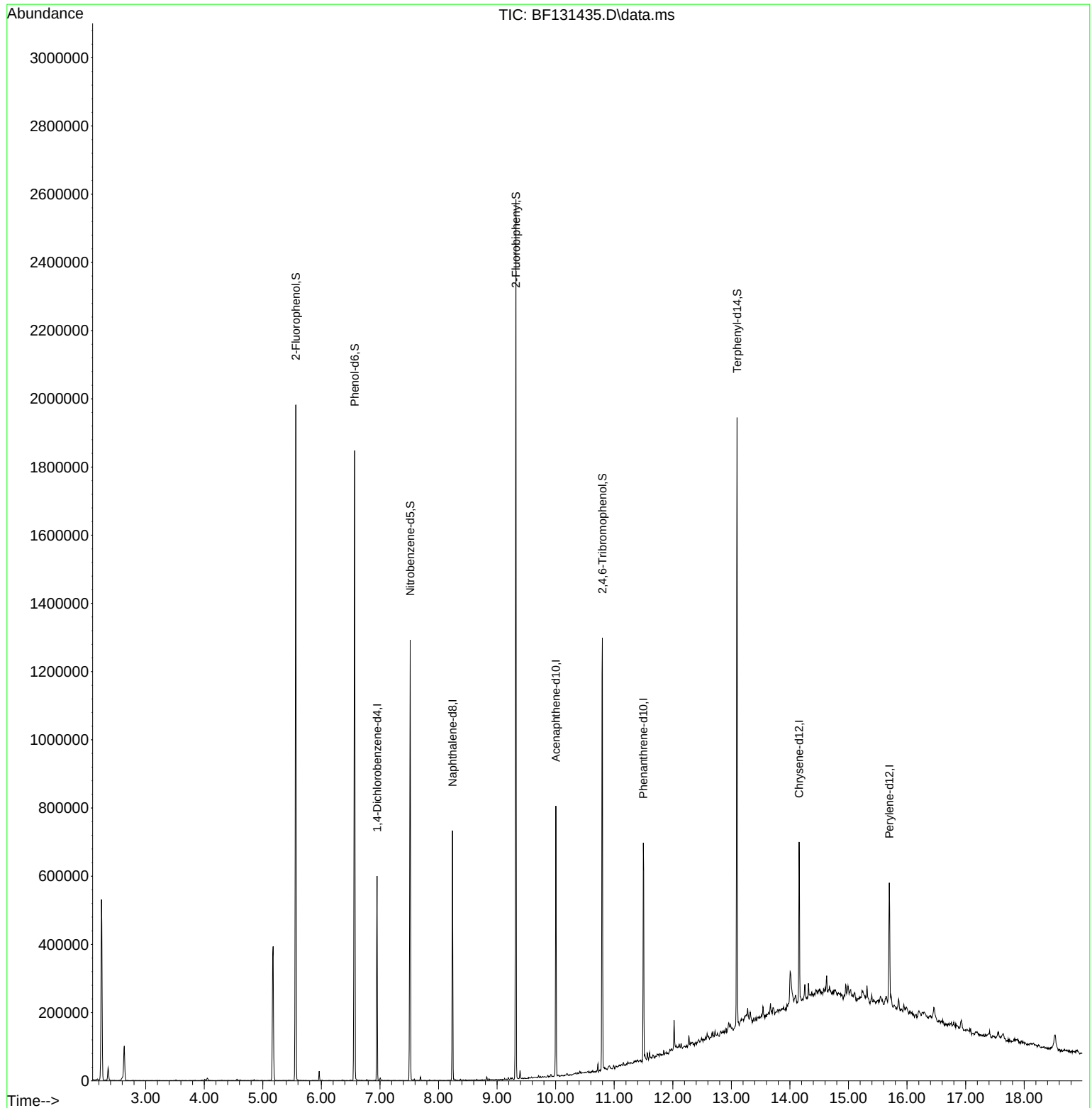
Target Compounds Qvalue

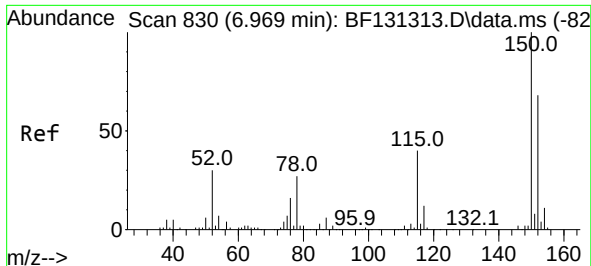
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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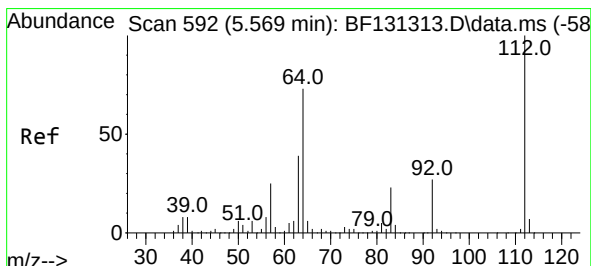
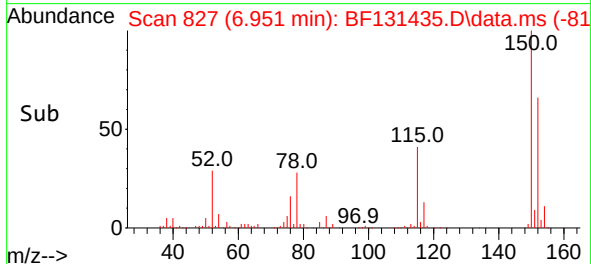
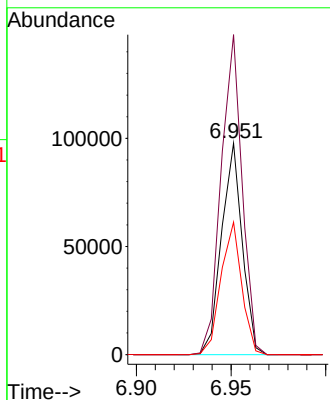
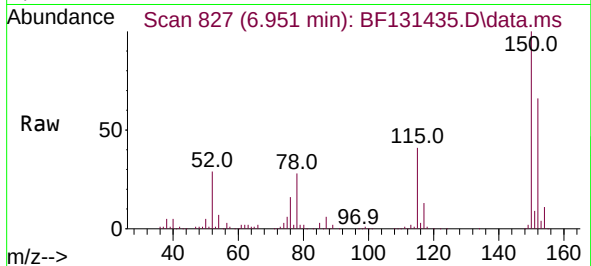




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

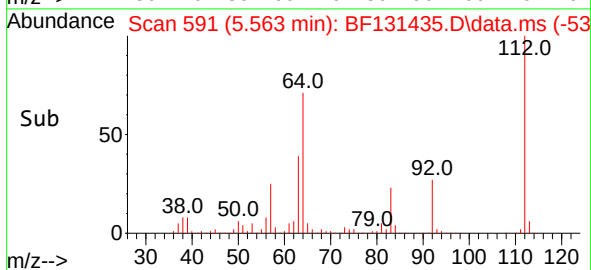
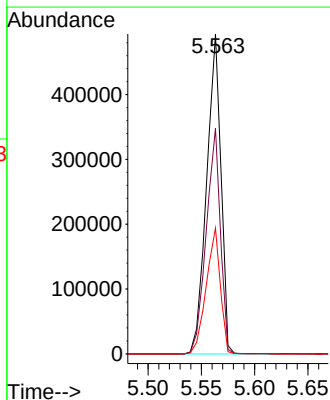
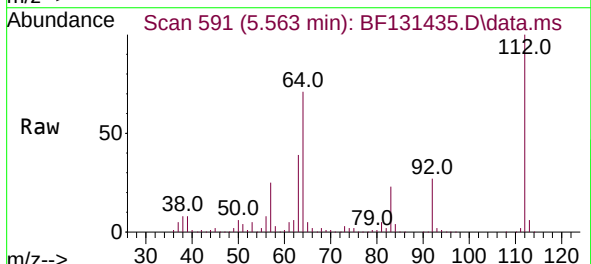
Instrument :
BNA_F
ClientSampleId :
B-13D

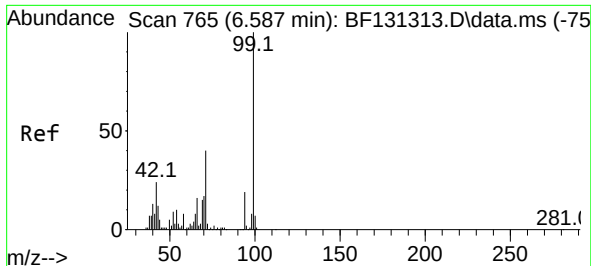
Tgt Ion:152 Resp: 74170
Ion Ratio Lower Upper
152 100
150 151.4 117.8 176.8
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 118.333 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:112 Resp: 461154
Ion Ratio Lower Upper
112 100
64 70.5 58.6 88.0
63 39.3 31.4 47.0

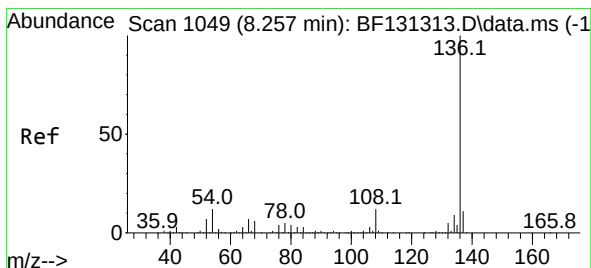
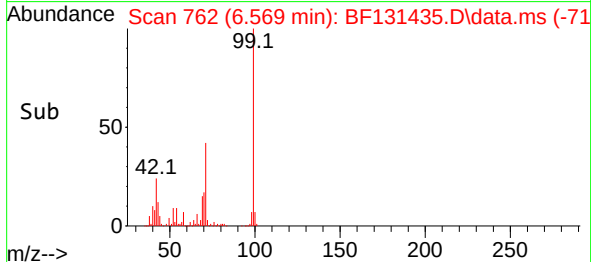
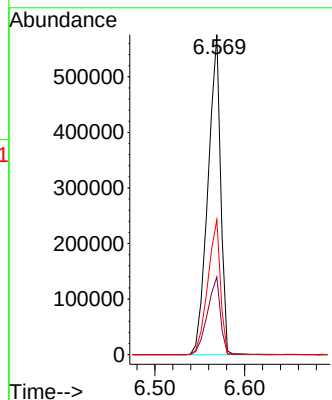
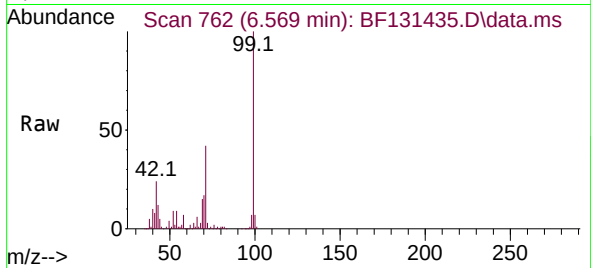




#7
Phenol-d6
Concen: 113.368 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

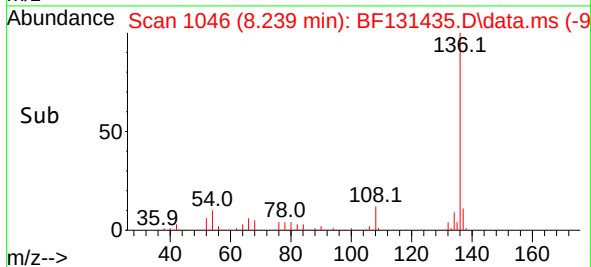
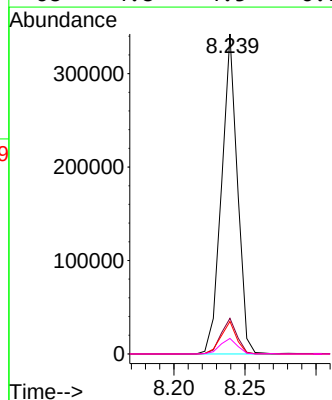
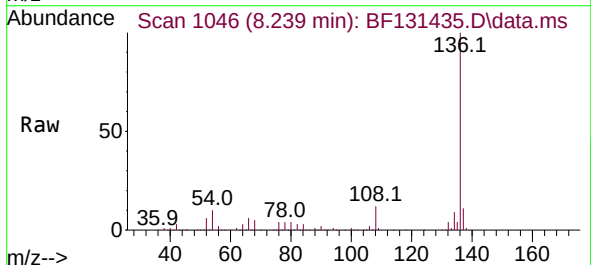
Instrument :
BNA_F
ClientSampleId :
B-13D

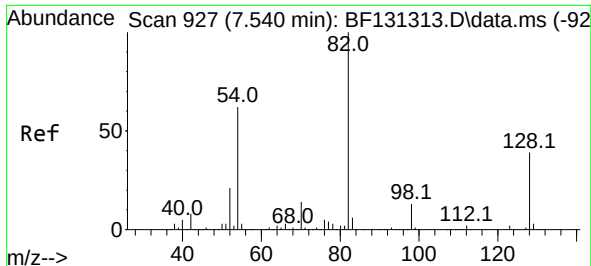
Tgt Ion: 99 Resp: 563695
Ion Ratio Lower Upper
99 100
42 24.2 19.4 29.2
71 42.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion: 136 Resp: 265634
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.1 9.4 14.0
68 4.8 4.5 6.7

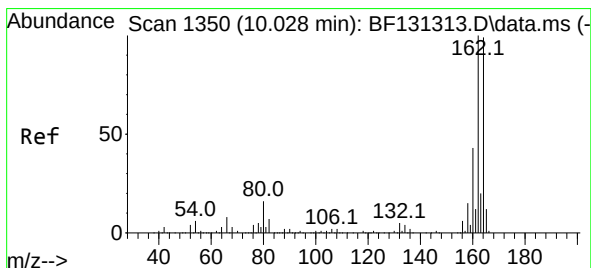
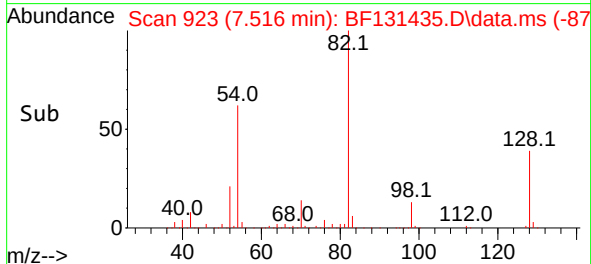
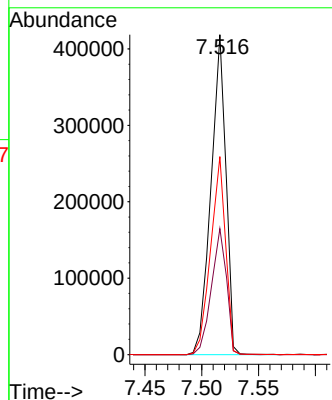
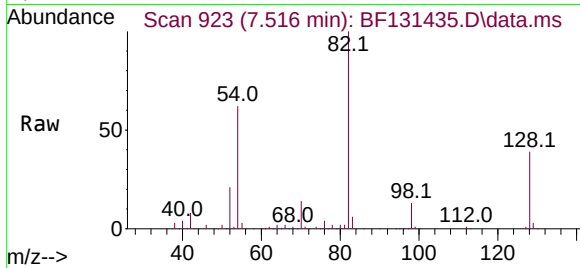




#23
Nitrobenzene-d5
Concen: 72.754 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

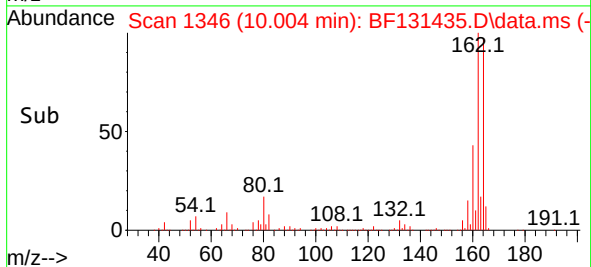
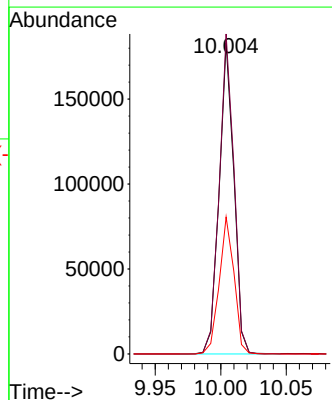
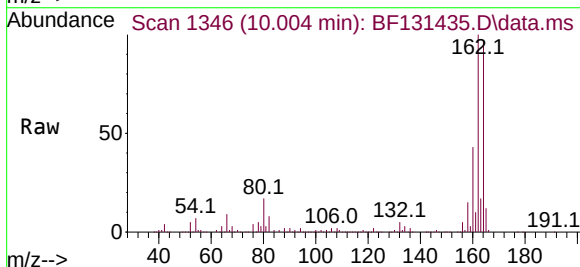
Instrument :
BNA_F
ClientSampleId :
B-13D

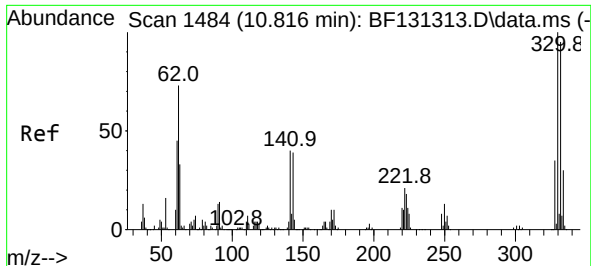
Tgt Ion: 82 Resp: 383385
Ion Ratio Lower Upper
82 100
128 39.4 31.4 47.0
54 61.9 49.8 74.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:164 Resp: 143418
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 116.060 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

Instrument :

BNA_F

ClientSampleId :

B-13D

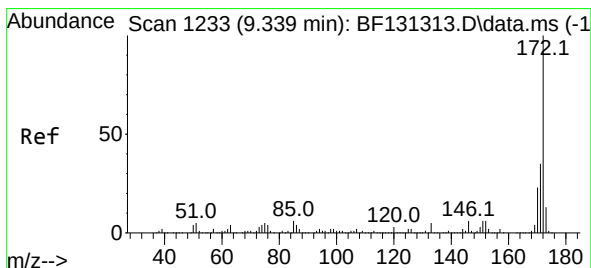
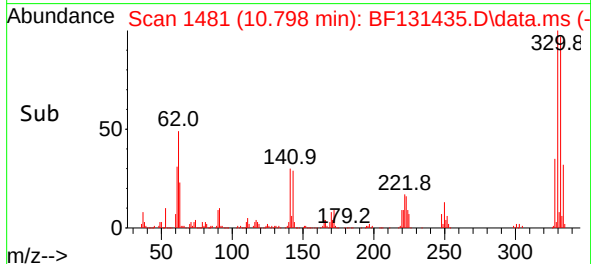
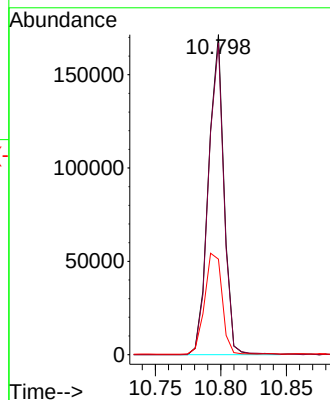
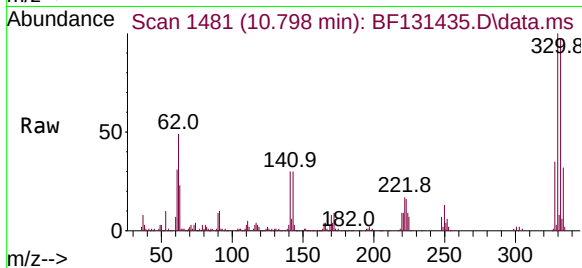
Tgt Ion:330 Resp: 140036

Ion Ratio Lower Upper

330 100

332 97.9 77.5 116.3

141 35.7 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 69.967 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131435.D

Acq: 28 Nov 2022 18:15

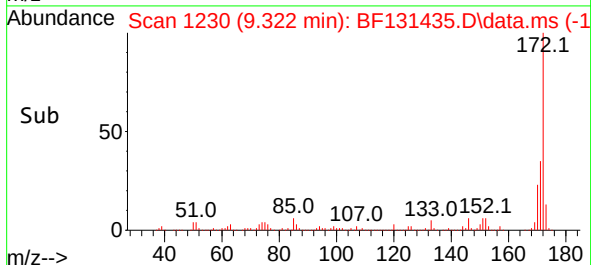
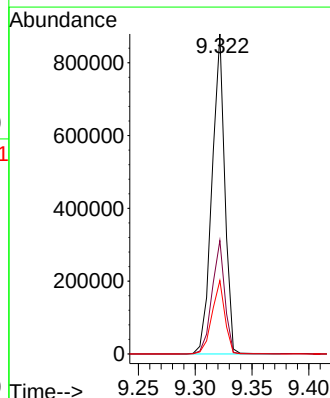
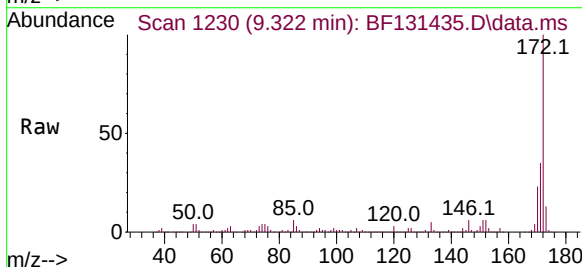
Tgt Ion:172 Resp: 689747

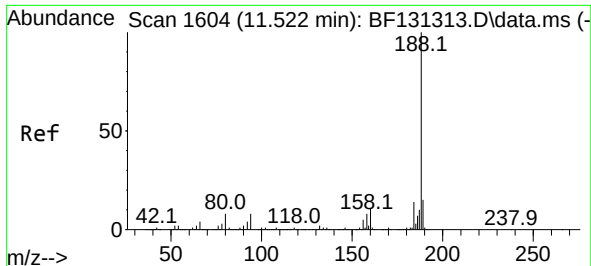
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 22.9 18.7 28.1

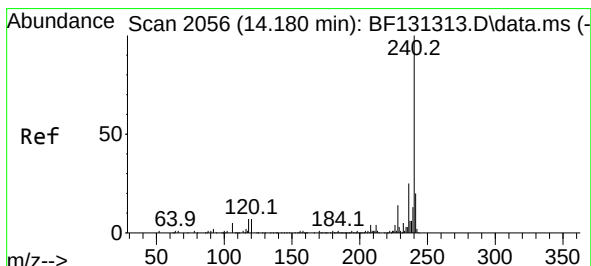
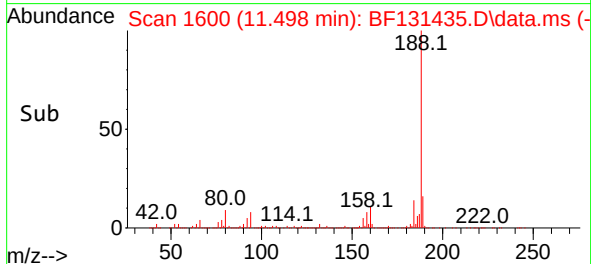
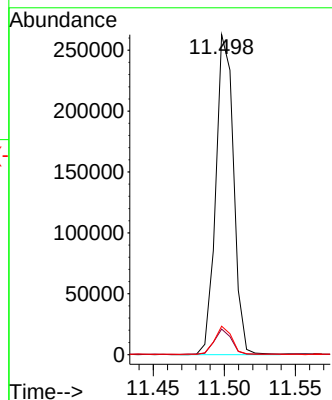
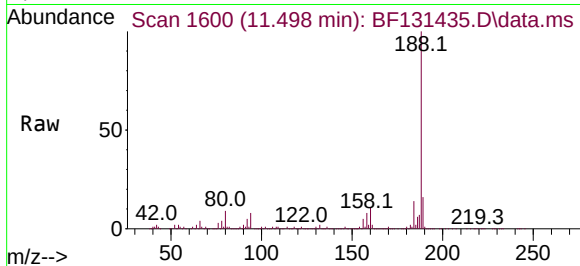




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

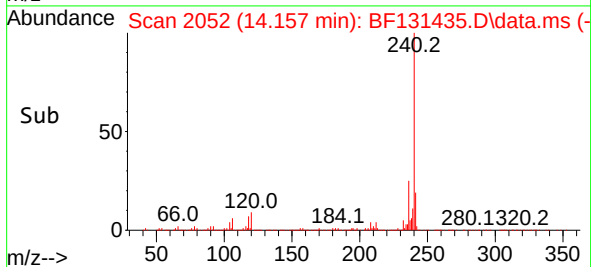
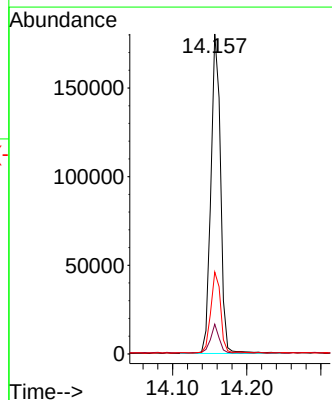
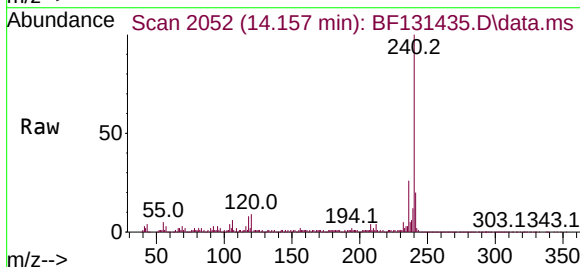
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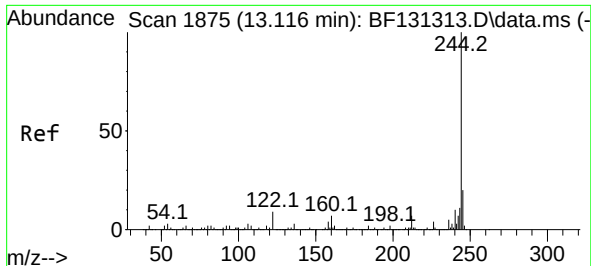
Tgt Ion:188 Resp: 229709
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131435.D
Acq: 28 Nov 2022 18:15

Tgt Ion:240 Resp: 163631
Ion Ratio Lower Upper
240 100
120 9.3 5.8 8.8#
236 25.6 20.3 30.5

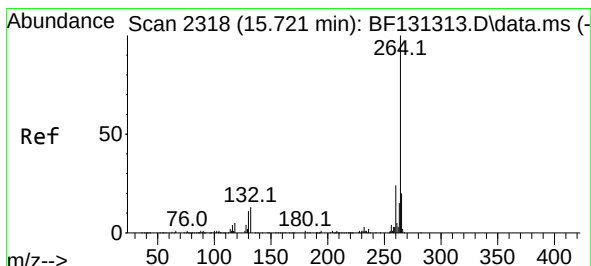
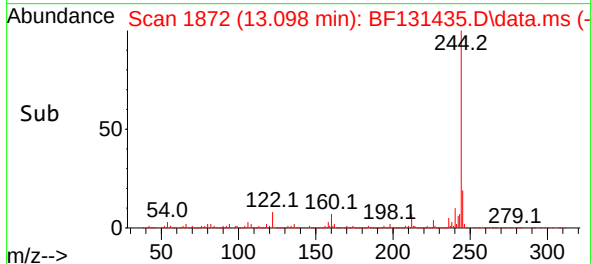
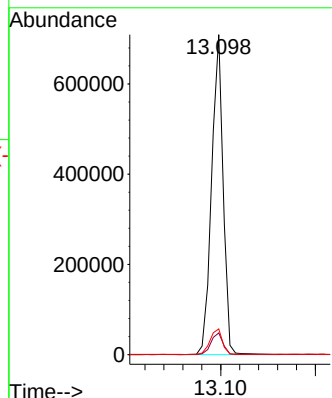
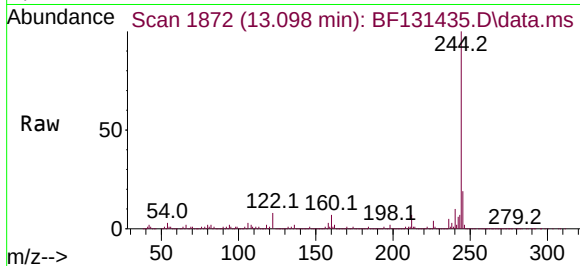




#79
 Terphenyl-d14
 Concen: 60.056 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131435.D
 Acq: 28 Nov 2022 18:15

Instrument :
 BNA_F
 ClientSampleId :
 B-13D

Tgt Ion:244 Resp: 600947
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 2314
 Delta R.T. -0.000 min
 Lab File: BF131435.D
 Acq: 28 Nov 2022 18:15

Tgt Ion:264 Resp: 168509
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 22.5 16.4 24.6

