

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131425.D
 Acq On : 28 Nov 2022 12:28
 Operator : CG\JU
 Sample : N5766-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-3

Quant Time: Nov 29 00:21:16 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	86227	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	317050	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	181912	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	333539	20.000	ng	0.00
76) Chrysene-d12	14.157	240	204030	20.000	ng	-0.01
86) Perylene-d12	15.698	264	169462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	581415	128.331	ng	0.01
7) Phenol-d6	6.569	99	725040	125.428	ng	0.00
23) Nitrobenzene-d5	7.516	82	488500	77.668	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	221711	144.868	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	955464	76.412	ng	0.00
79) Terphenyl-d14	13.098	244	1012869	81.180	ng	0.00

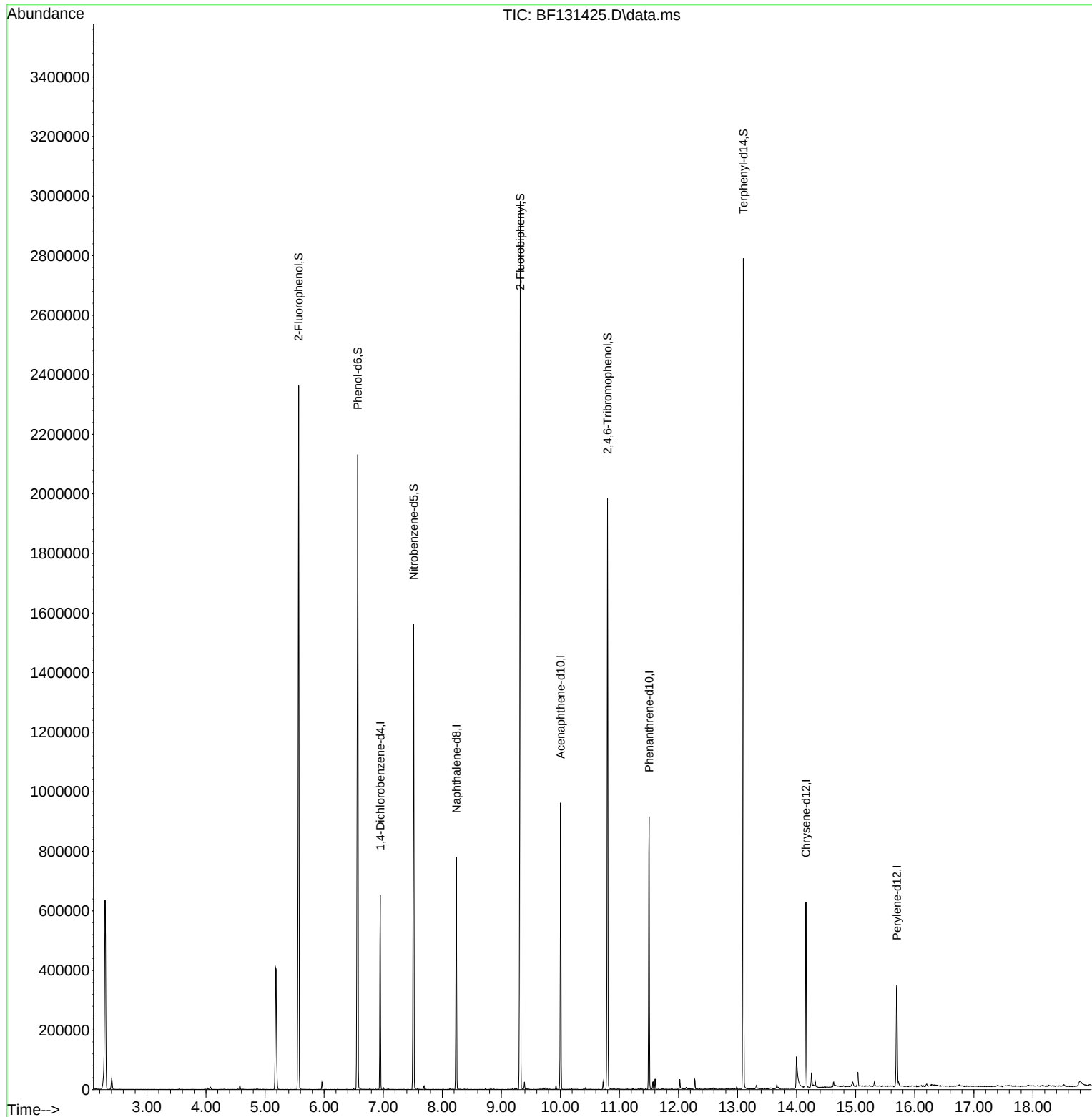
Target Compounds Qvalue

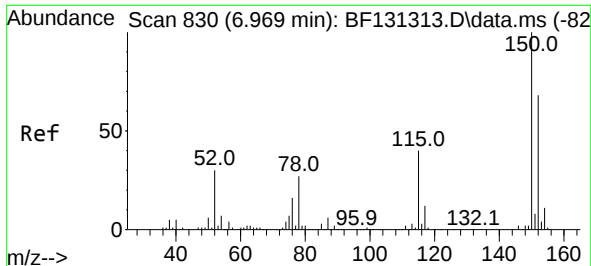
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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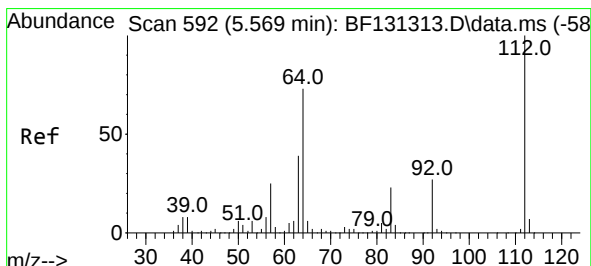
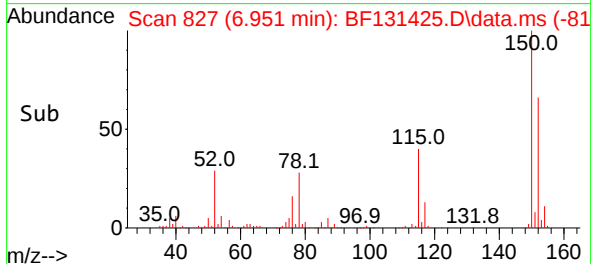
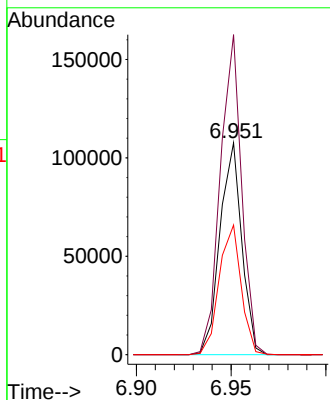
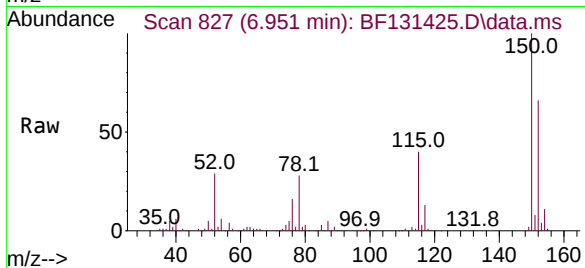




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

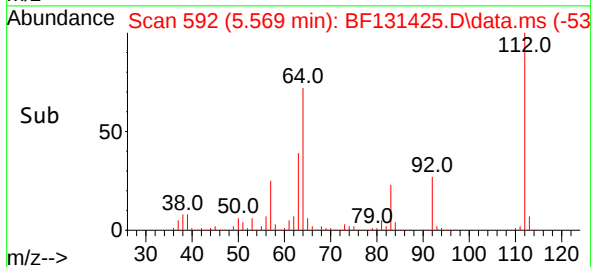
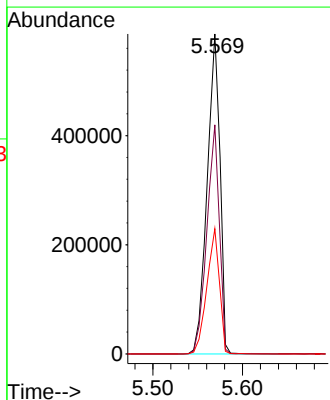
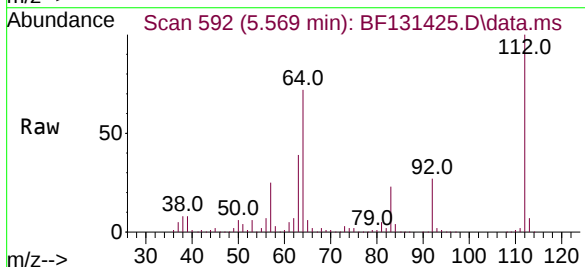
Instrument :
BNA_F
ClientSampleId :
CR-3

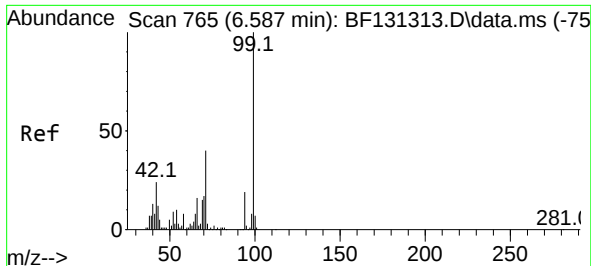
Tgt Ion:152 Resp: 86227
Ion Ratio Lower Upper
152 100
150 151.1 117.8 176.8
115 61.2 47.1 70.7



#5
2-Fluorophenol
Concen: 128.331 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion:112 Resp: 581415
Ion Ratio Lower Upper
112 100
64 71.6 58.6 88.0
63 39.1 31.4 47.0

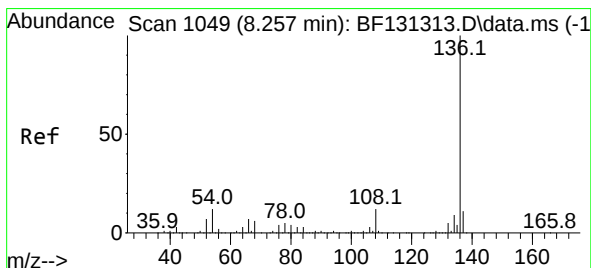
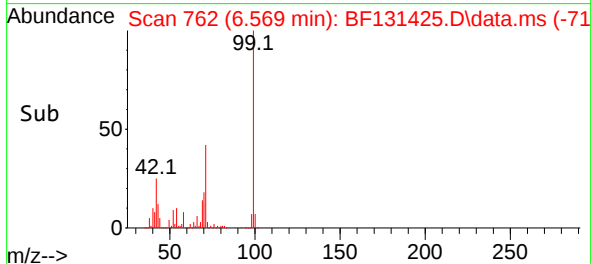
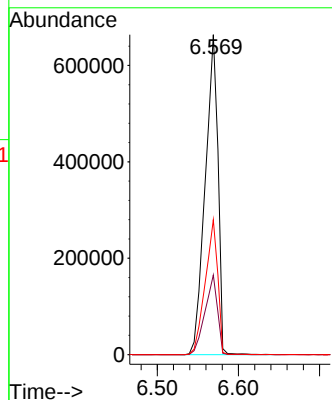
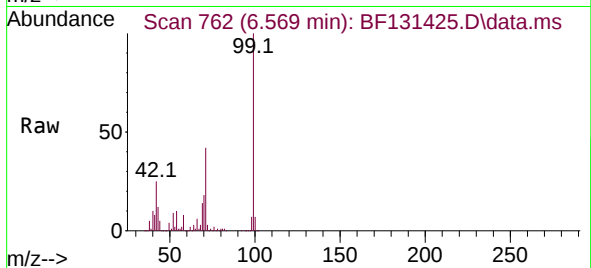




#7
Phenol-d6
Concen: 125.428 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

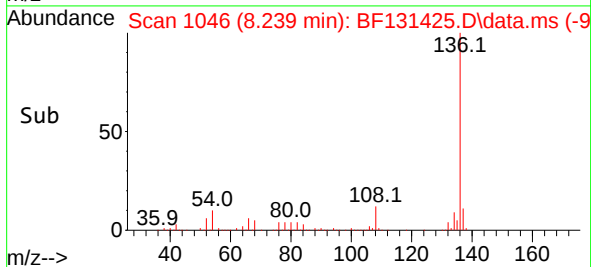
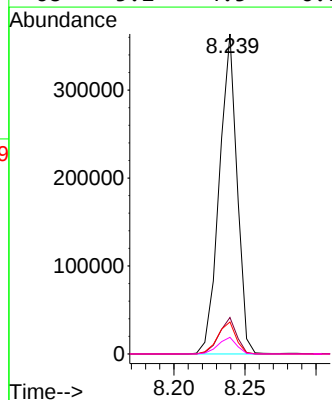
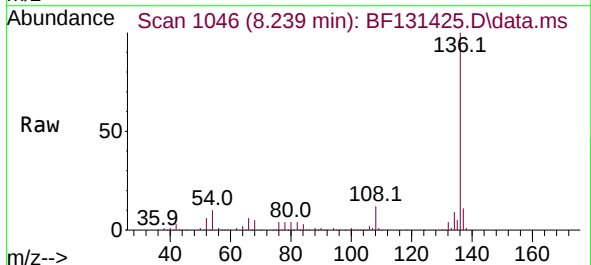
Instrument :
BNA_F
ClientSampleId :
CR-3

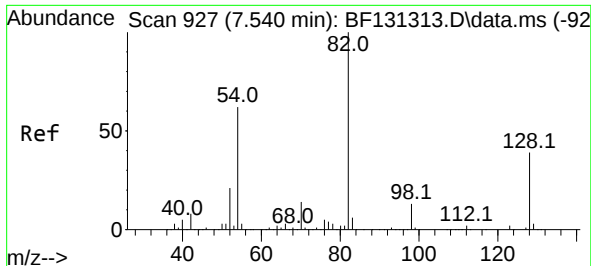
Tgt Ion: 99 Resp: 725040
Ion Ratio Lower Upper
99 100
42 24.9 19.4 29.2
71 42.1 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

Tgt Ion: 136 Resp: 317050
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.0 9.4 14.0
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 77.668 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131425.D

Acq: 28 Nov 2022 12:28

Instrument :

BNA_F

ClientSampleId :

CR-3

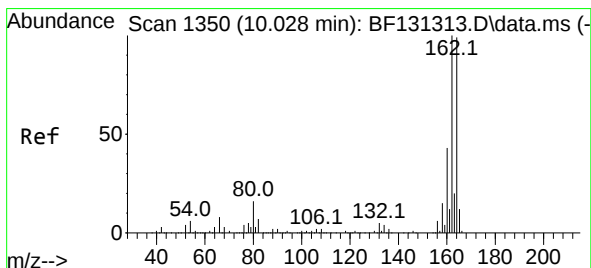
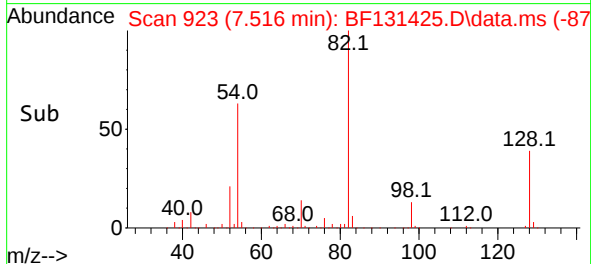
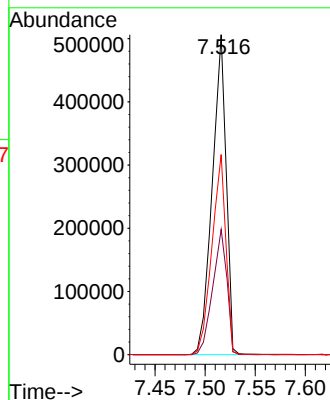
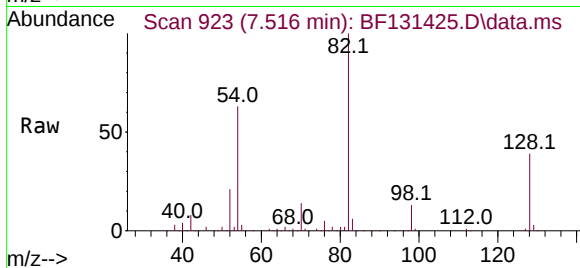
Tgt Ion: 82 Resp: 488500

Ion Ratio Lower Upper

82 100

128 39.1 31.4 47.0

54 62.6 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: BF131425.D

Acq: 28 Nov 2022 12:28

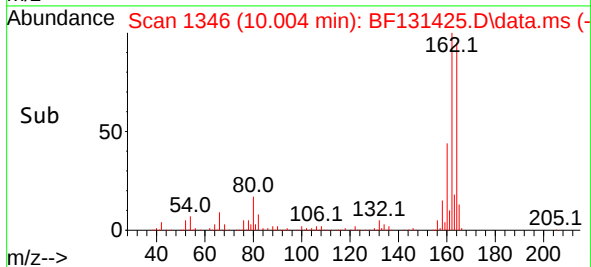
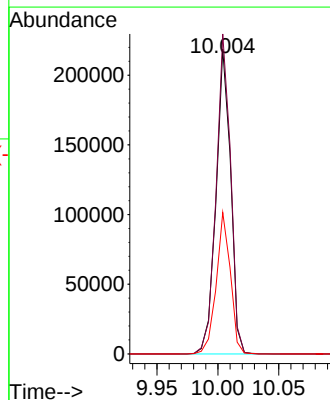
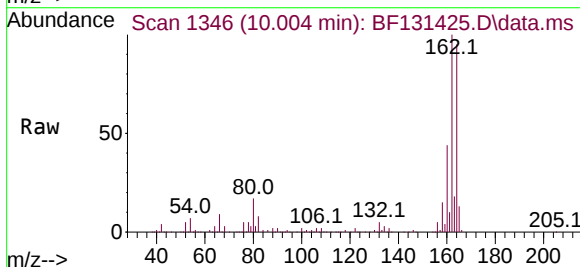
Tgt Ion:164 Resp: 181912

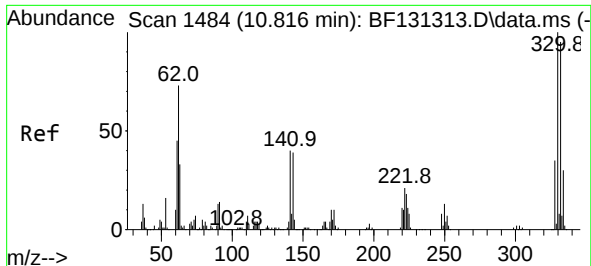
Ion Ratio Lower Upper

164 100

162 105.0 80.6 120.8

160 46.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 144.868 ng

RT: 10.798 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131425.D

Acq: 28 Nov 2022 12:28

Instrument :

BNA_F

ClientSampleId :

CR-3

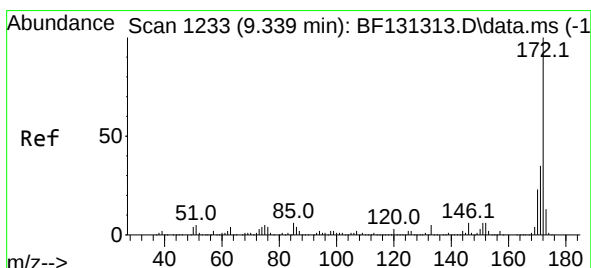
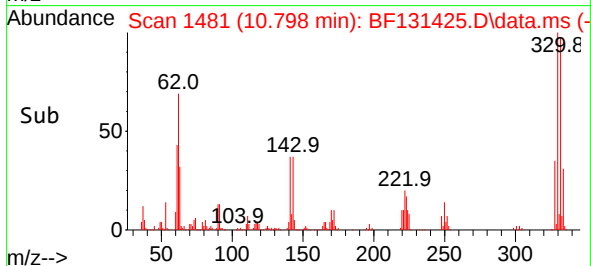
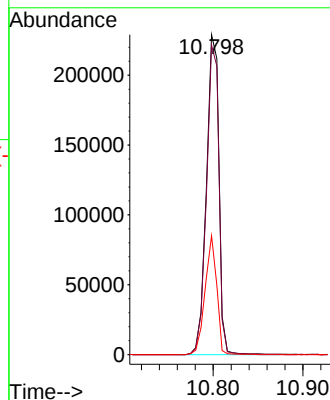
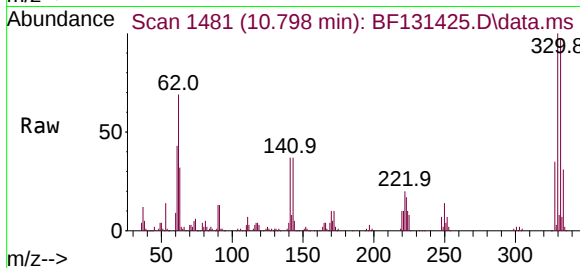
Tgt Ion:330 Resp: 221711

Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 34.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 76.412 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131425.D

Acq: 28 Nov 2022 12:28

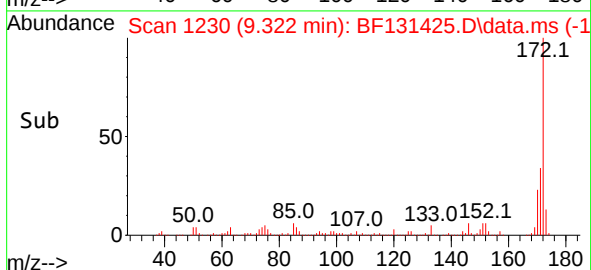
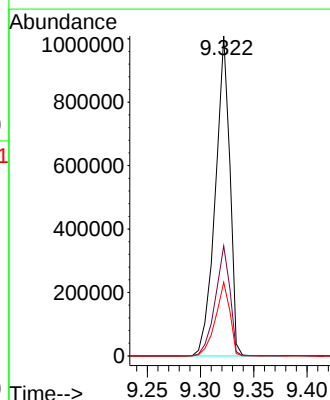
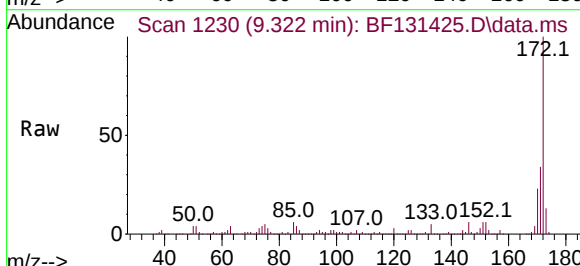
Tgt Ion:172 Resp: 955464

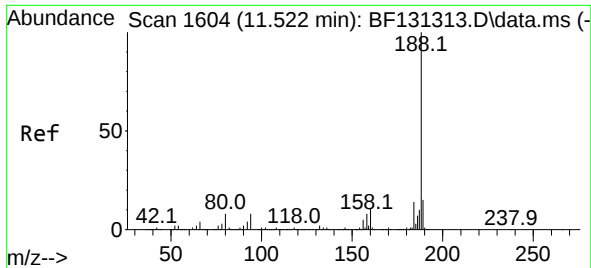
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

170 23.0 18.7 28.1

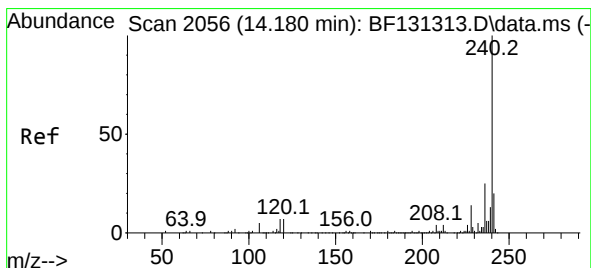
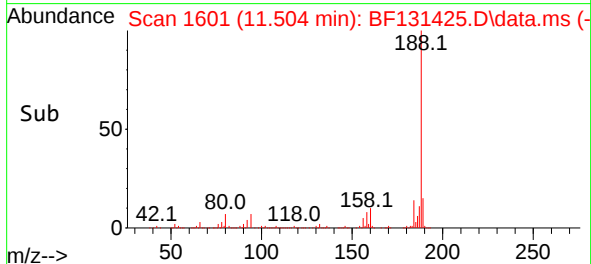
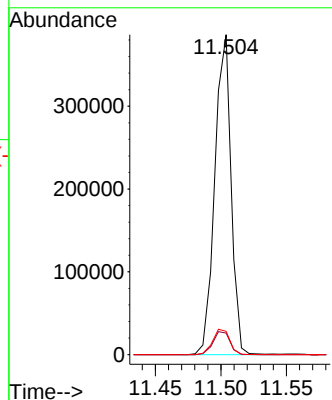
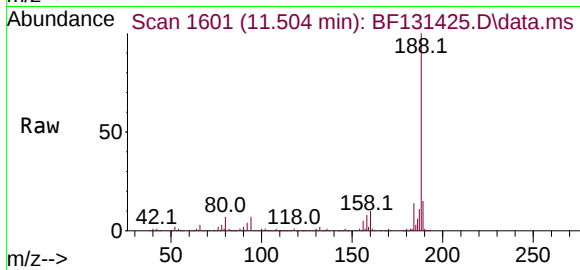




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

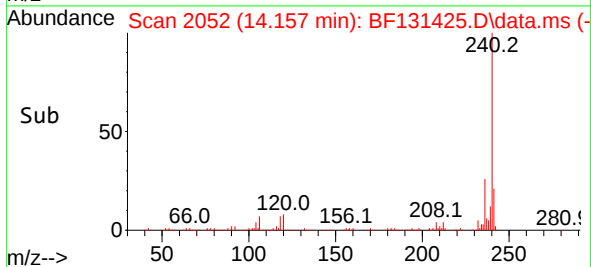
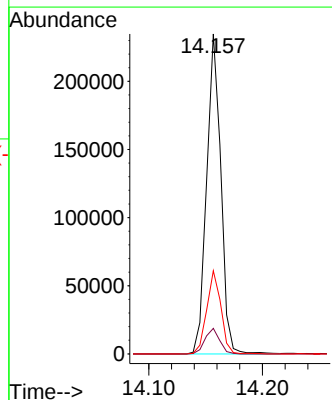
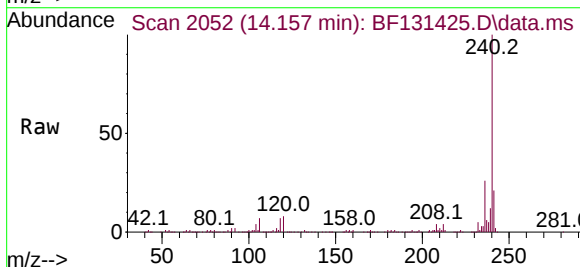
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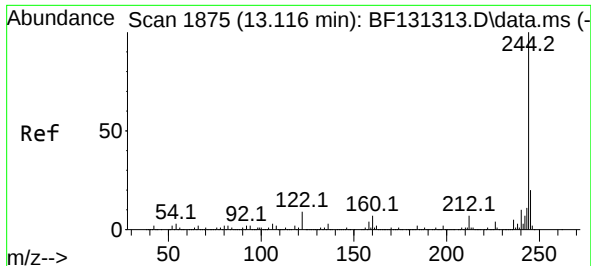
Tgt Ion:188 Resp: 333539
Ion Ratio Lower Upper
188 100
94 6.7 6.3 9.5
80 7.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131425.D
Acq: 28 Nov 2022 12:28

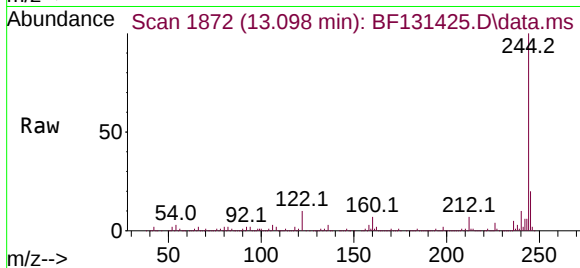
Tgt Ion:240 Resp: 204030
Ion Ratio Lower Upper
240 100
120 8.0 5.8 8.8
236 26.0 20.3 30.5



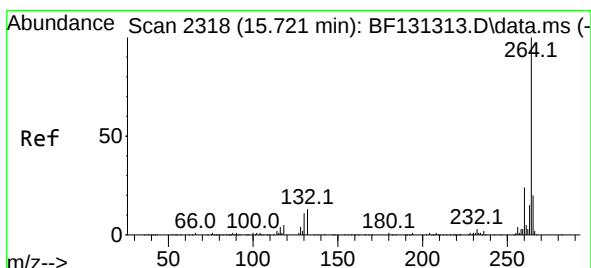
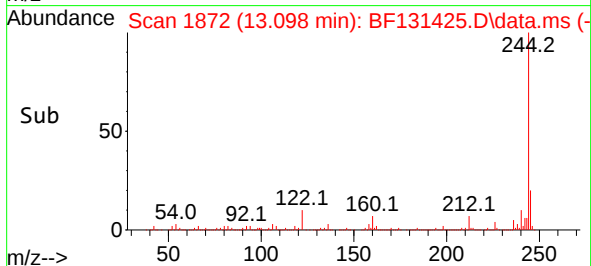
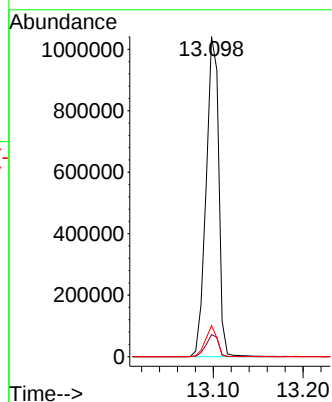


#79
 Terphenyl-d14
 Concen: 81.180 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131425.D
 Acq: 28 Nov 2022 12:28

Instrument :
 BNA_F
 ClientSampleId :
 CR-3



Tgt Ion:244 Resp: 1012869
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.7 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: BF131425.D
 Acq: 28 Nov 2022 12:28

Tgt Ion:264 Resp: 169462
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 19.3 16.4 24.6

