

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132420.D
 Acq On : 13 Feb 2023 20:46
 Operator : CG\JU
 Sample : 01328-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-BORING-1-23-25

Quant Time: Feb 14 01:40:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	193921	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	754217	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	389767	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	736840	20.000	ng	0.00
76) Chrysene-d12	14.236	240	529722	20.000	ng	0.00
86) Perylene-d12	15.801	264	574133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1215136	114.347	ng	0.01
7) Phenol-d6	6.648	99	1433161	108.211	ng	0.00
23) Nitrobenzene-d5	7.595	82	848062	67.078	ng	0.00
42) 2,4,6-Tribromophenol	10.877	330	476295	91.828	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1563905	58.087	ng	0.00
79) Terphenyl-d14	13.171	244	1737646	55.169	ng	0.00

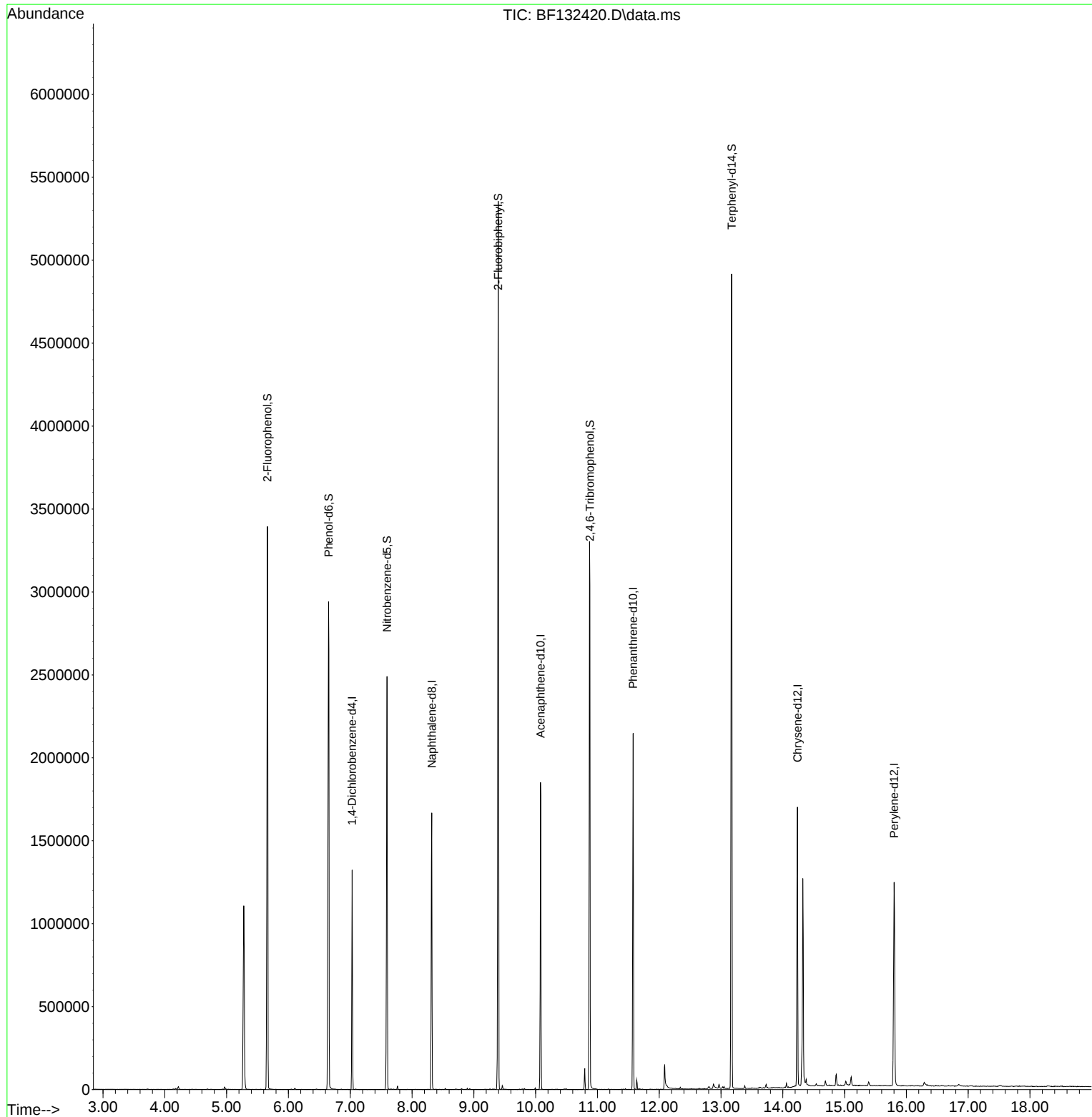
Target Compounds	Qvalue

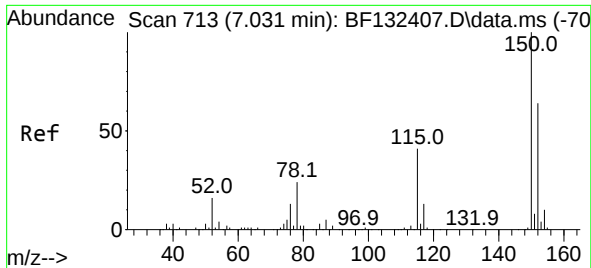
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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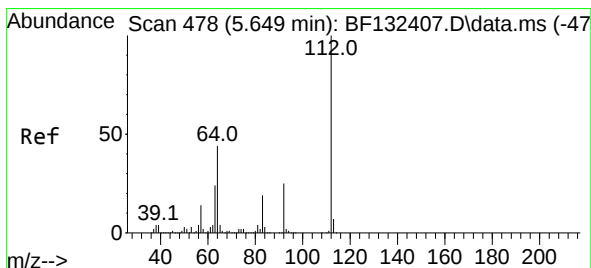
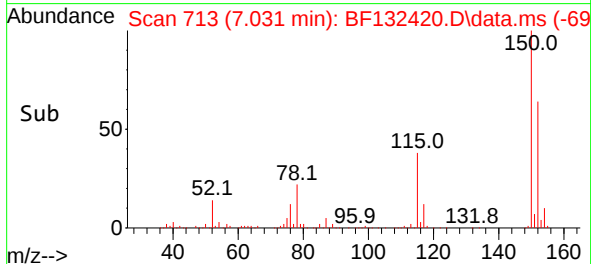
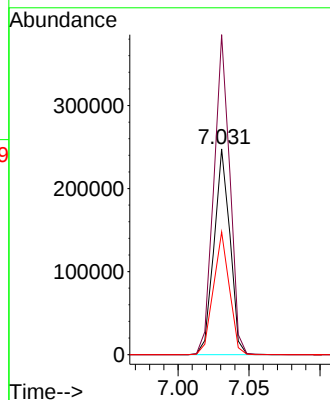
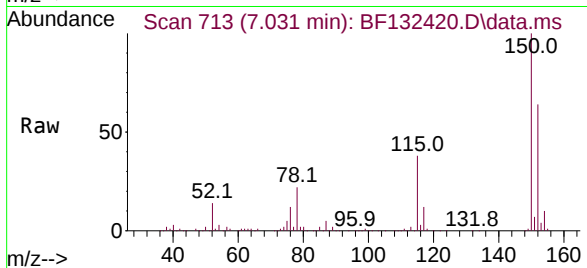




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

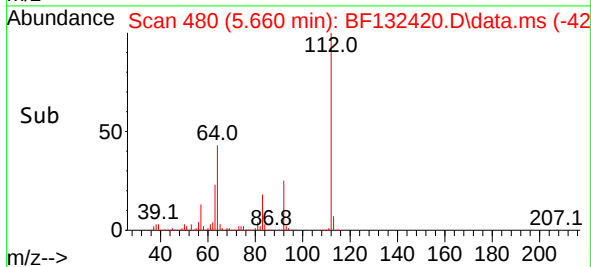
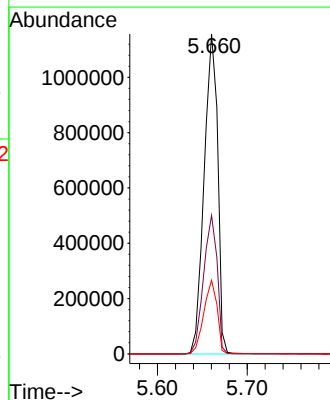
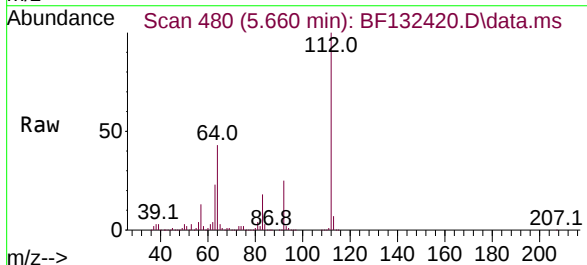
Instrument :
BNA_F
ClientSampleId :
COMP-4-BORING-1-23-25

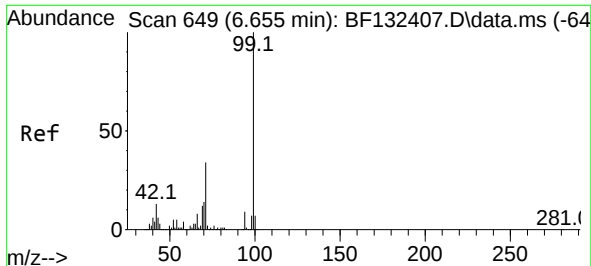
Tgt Ion:152 Resp: 193921
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 59.6 50.6 75.8



#5
2-Fluorophenol
Concen: 114.347 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.011 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

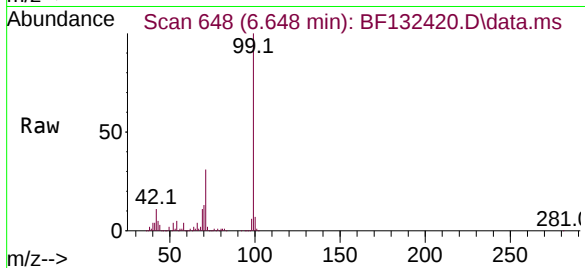
Tgt Ion:112 Resp: 1215136
Ion Ratio Lower Upper
112 100
64 43.3 34.8 52.2
63 23.0 19.3 28.9





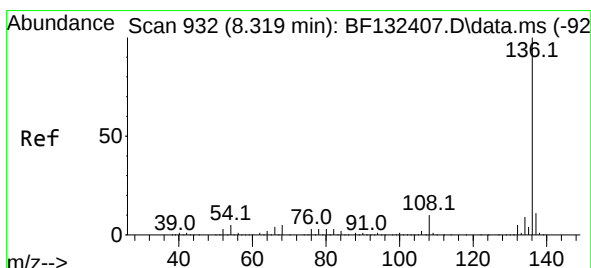
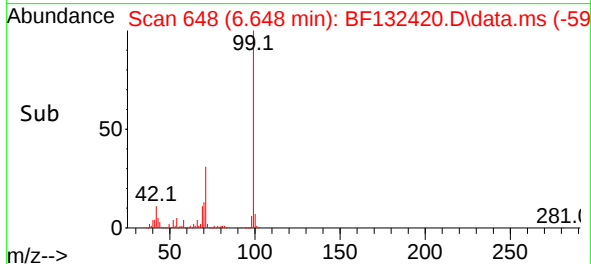
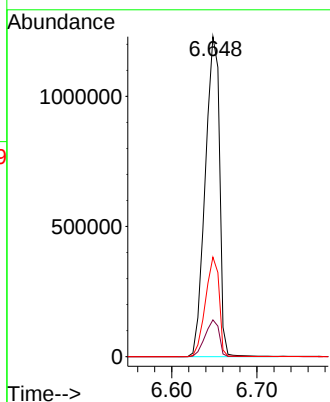
#7
Phenol-d6
Concen: 108.211 ng
RT: 6.648 min Scan# 64
Delta R.T. -0.007 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Instrument :
BNA_F
ClientSampleId :
COMP-4-BORING-1-23-25



Tgt Ion: 99 Resp: 1433161

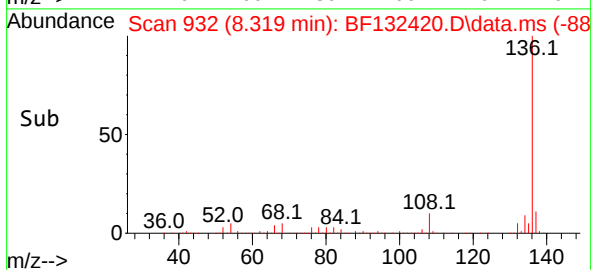
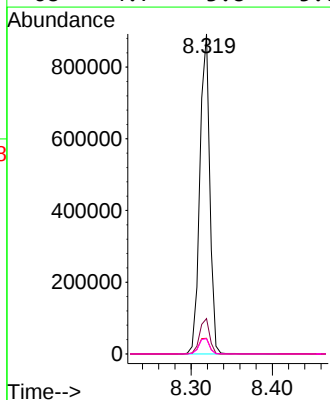
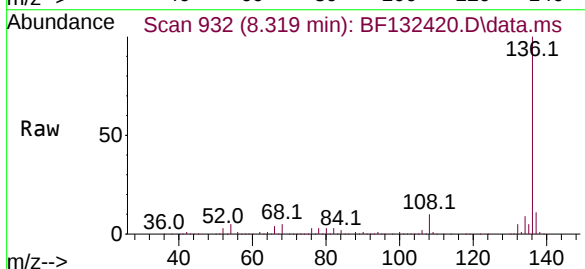
Ion	Ratio	Lower	Upper
99	100		
42	11.5	10.1	15.1
71	31.1	26.8	40.2

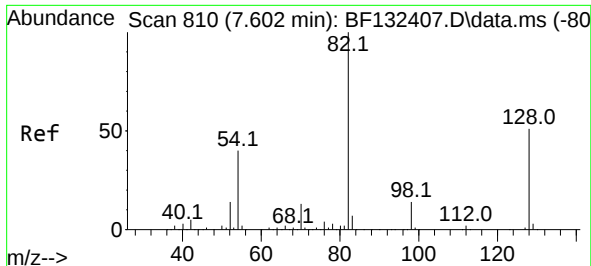


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132420.D
Acq: 13 Feb 2023 20:46

Tgt Ion: 136 Resp: 754217

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.9	4.2	6.2
68	4.7	3.8	5.6





#23

Nitrobenzene-d5

Concen: 67.078 ng

RT: 7.595 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

Instrument :

BNA_F

ClientSampleId :

COMP-4-BORING-1-23-25

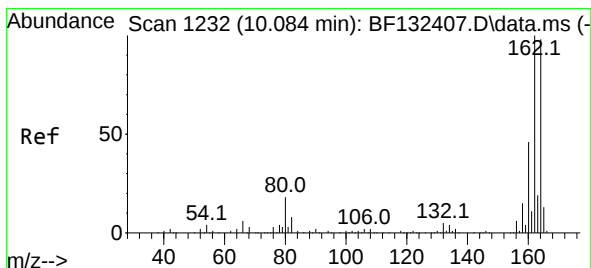
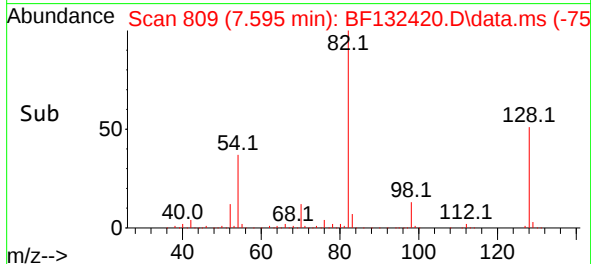
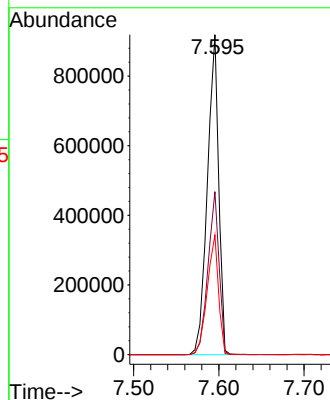
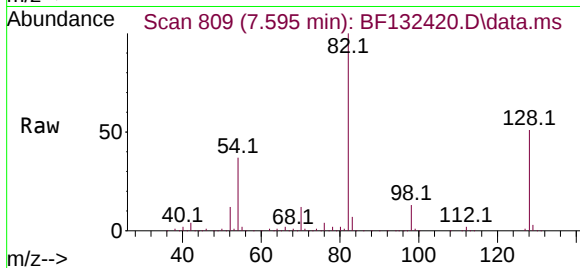
Tgt Ion: 82 Resp: 848062

Ion Ratio Lower Upper

82 100

128 50.9 40.7 61.1

54 37.4 32.3 48.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

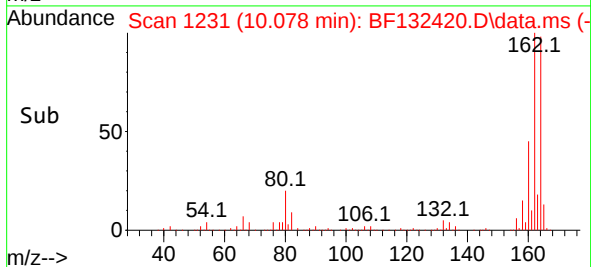
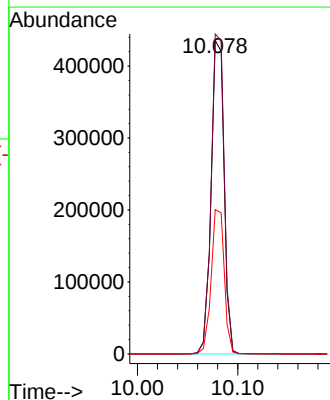
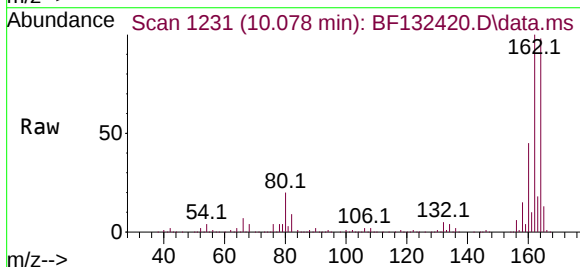
Tgt Ion:164 Resp: 389767

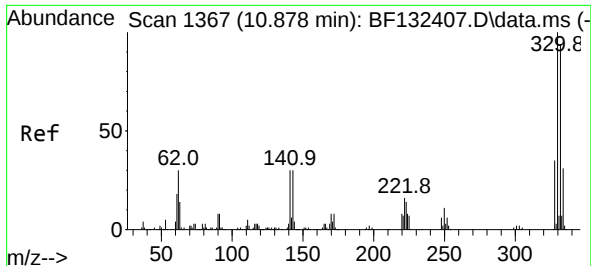
Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

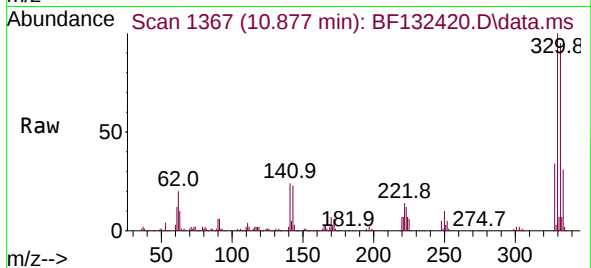
160 46.0 37.4 56.0



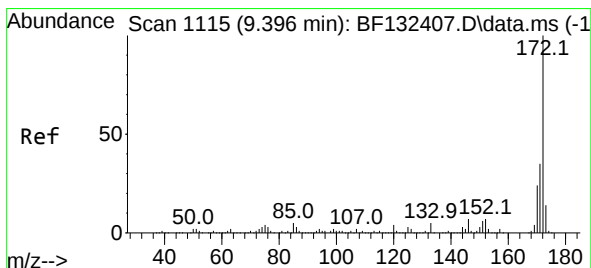
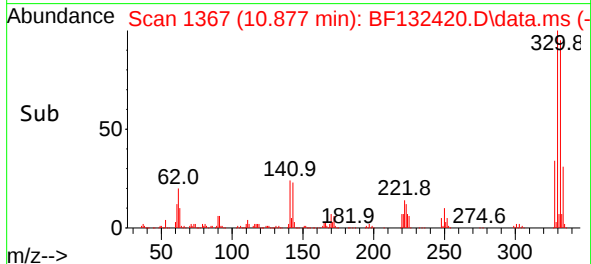
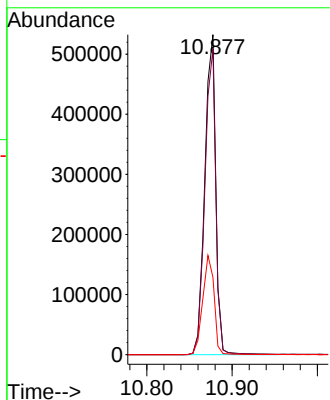


#42
 2,4,6-Tribromophenol
 Concen: 91.828 ng
 RT: 10.877 min Scan# 1367
 Delta R.T. -0.000 min
 Lab File: BF132420.D
 Acq: 13 Feb 2023 20:46

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 ClientSampleId : COMP-4-BORING-1-23-25

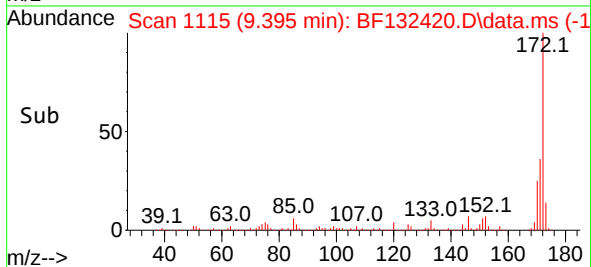
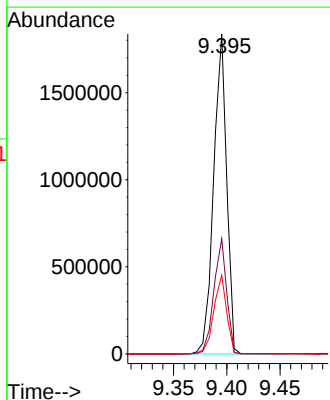
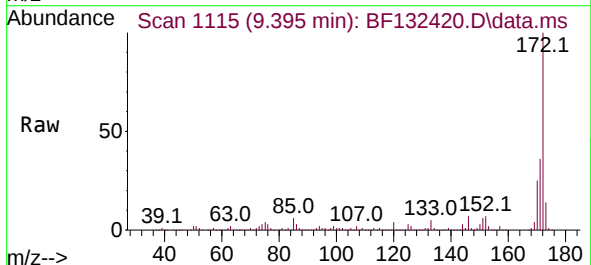


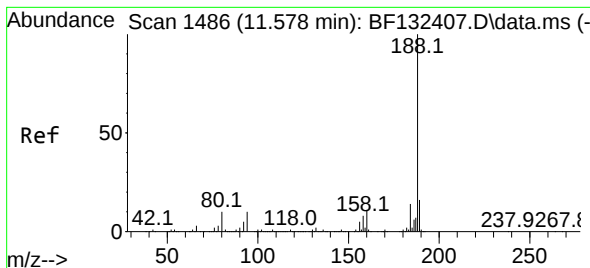
Tgt Ion:330 Resp: 476295
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.7 115.1
 141 32.1 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 58.087 ng
 RT: 9.395 min Scan# 1115
 Delta R.T. -0.000 min
 Lab File: BF132420.D
 Acq: 13 Feb 2023 20:46

Tgt Ion:172 Resp: 1563905
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.3 42.5
 170 24.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.577 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

Instrument :

BNA_F

ClientSampleId :

COMP-4-BORING-1-23-25

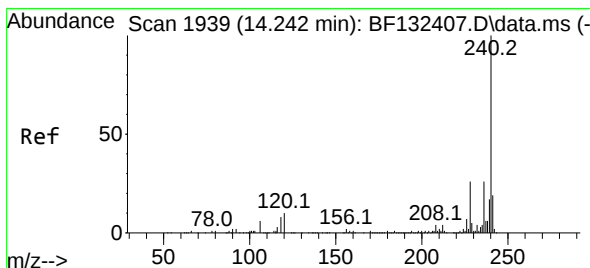
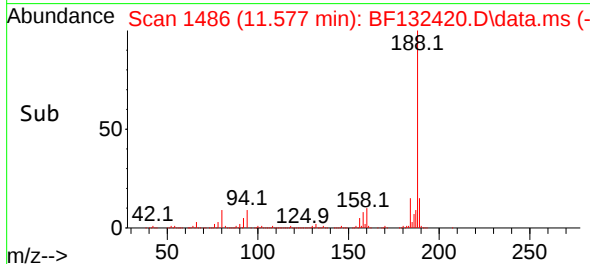
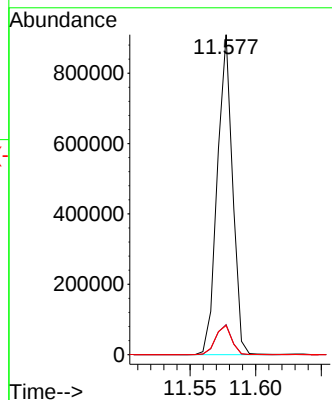
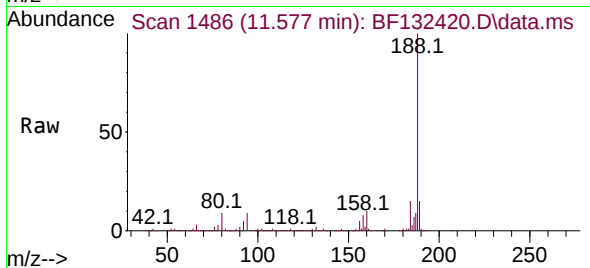
Tgt Ion:188 Resp: 736840

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.236 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF132420.D

Acq: 13 Feb 2023 20:46

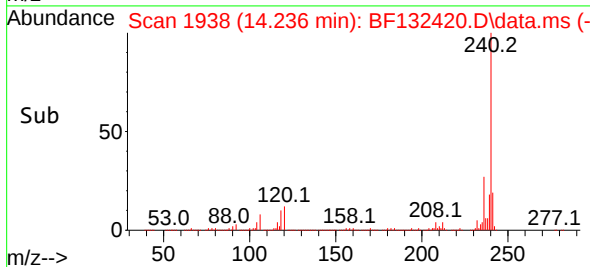
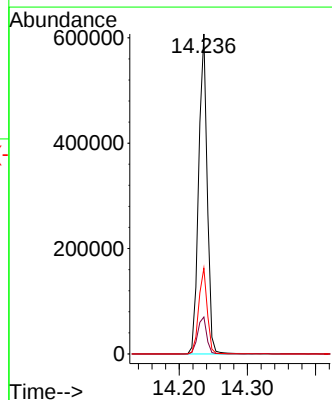
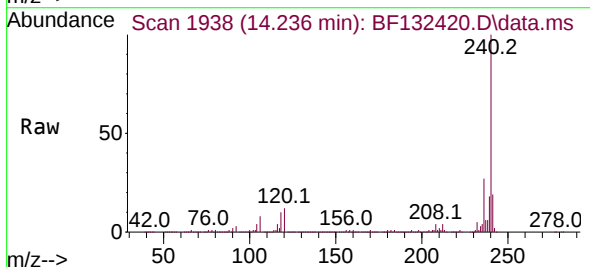
Tgt Ion:240 Resp: 529722

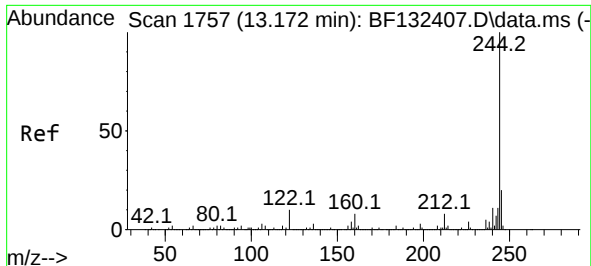
Ion Ratio Lower Upper

240 100

120 11.5 7.7 11.5

236 26.8 21.1 31.7

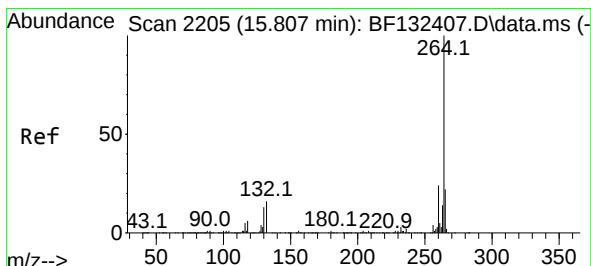
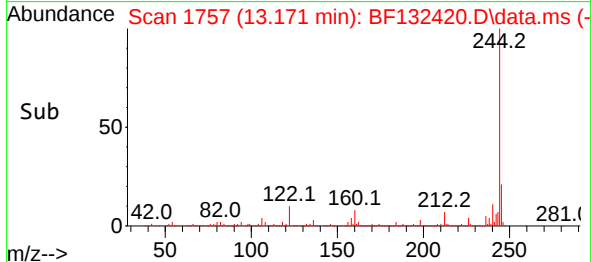
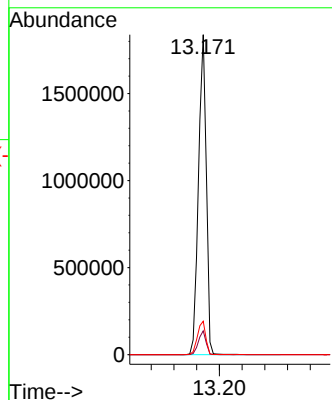
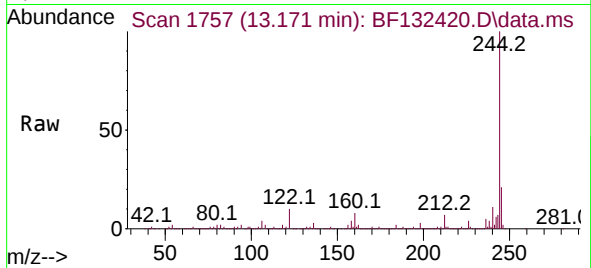




#79
 Terphenyl-d14
 Concen: 55.169 ng
 RT: 13.171 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BF132420.D
 Acq: 13 Feb 2023 20:46

Instrument :
 BNA_F
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 COMP-4-BORING-1-23-25

Tgt Ion:244 Resp: 1737646
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 10.4 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.801 min Scan# 2204
 Delta R.T. -0.006 min
 Lab File: BF132420.D
 Acq: 13 Feb 2023 20:46

Tgt Ion:264 Resp: 574133
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.7 17.7 26.5

