

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132422.D
 Acq On : 13 Feb 2023 21:51
 Operator : CG\JU
 Sample : 01329-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-9-BORING-2-28-35

Quant Time: Feb 14 01:41:08 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	167877	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	655640	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	344734	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	649577	20.000	ng	0.00
76) Chrysene-d12	14.236	240	466612	20.000	ng	0.00
86) Perylene-d12	15.801	264	452664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1081250	117.533	ng	0.01
7) Phenol-d6	6.649	99	1153114	100.574	ng	0.00
23) Nitrobenzene-d5	7.596	82	693312	63.083	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	426063	92.874	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1319531	55.413	ng	0.00
79) Terphenyl-d14	13.172	244	1415458	51.018	ng	0.00

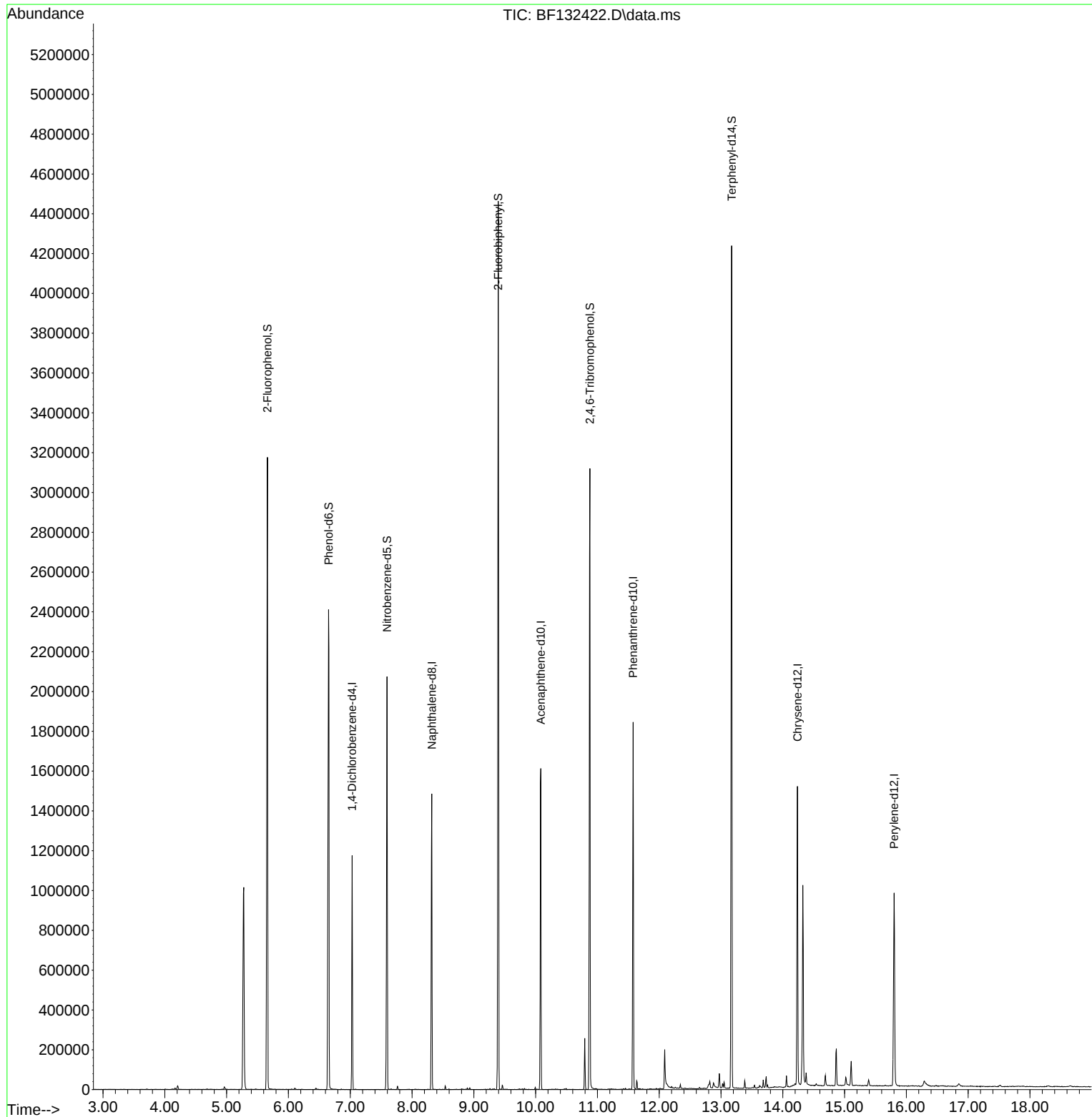
Target Compounds Qvalue

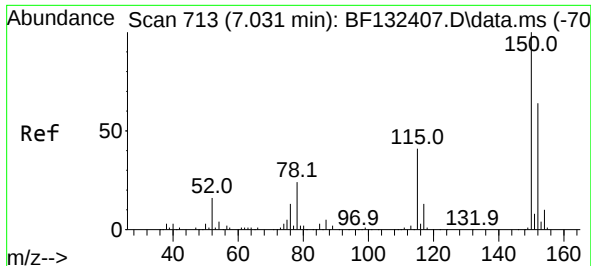
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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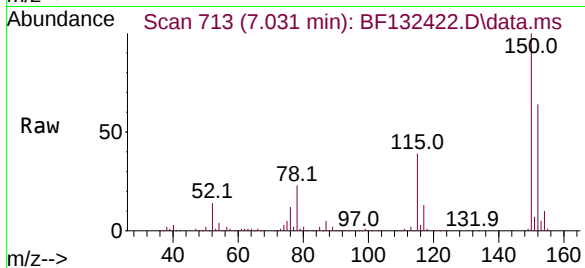
Quant Time: Feb 14 01:41:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
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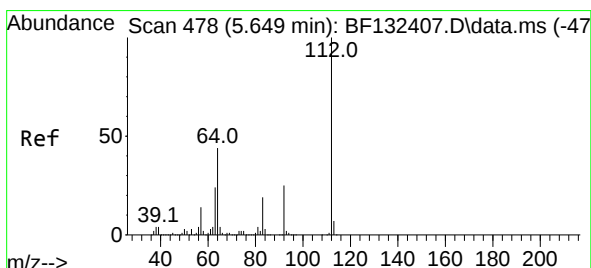
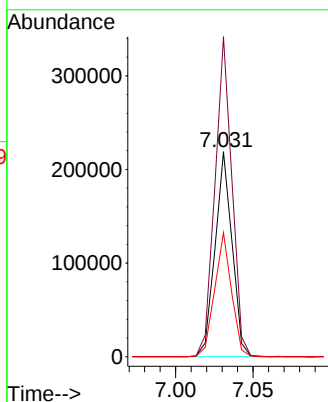
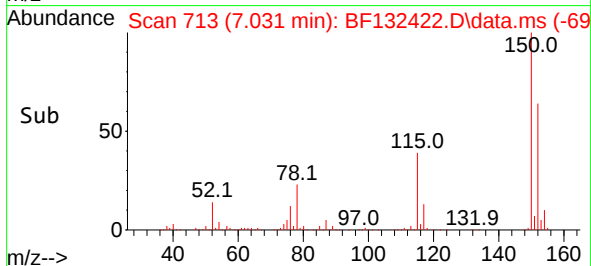


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132422.D
Acq: 13 Feb 2023 21:51

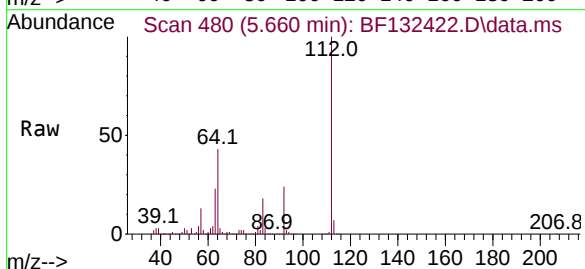
Instrument :
BNA_F
ClientSampleId :
COMP-9-BORING-2-28-35



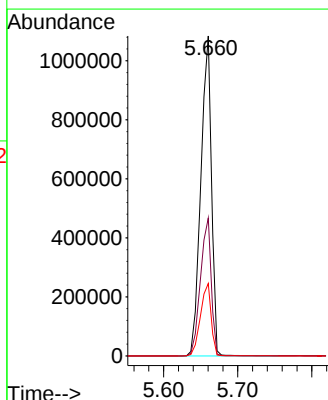
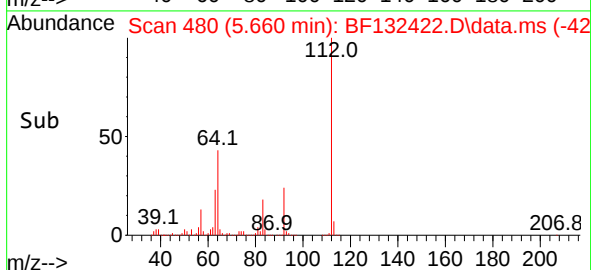
Tgt Ion:152 Resp: 167877
Ion Ratio Lower Upper
152 100
150 156.2 124.4 186.6
115 60.5 50.6 75.8

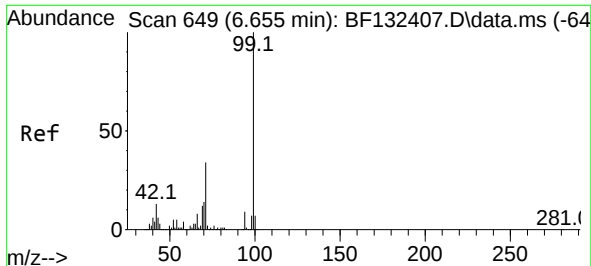


#5
2-Fluorophenol
Concen: 117.533 ng
RT: 5.660 min Scan# 480
Delta R.T. 0.011 min
Lab File: BF132422.D
Acq: 13 Feb 2023 21:51



Tgt Ion:112 Resp: 1081250
Ion Ratio Lower Upper
112 100
64 43.1 34.8 52.2
63 22.6 19.3 28.9



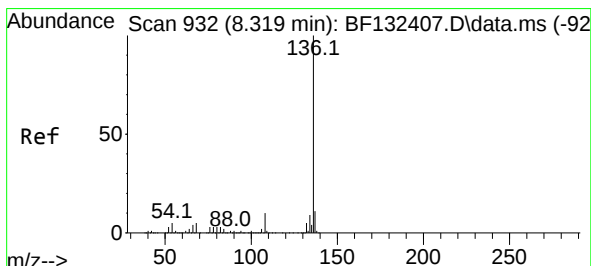
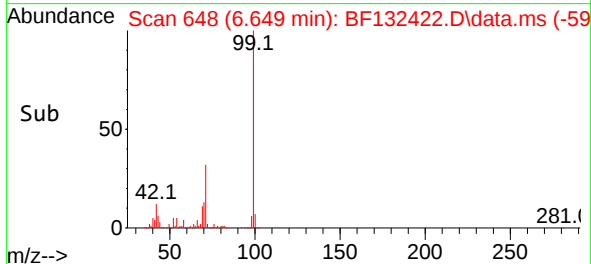
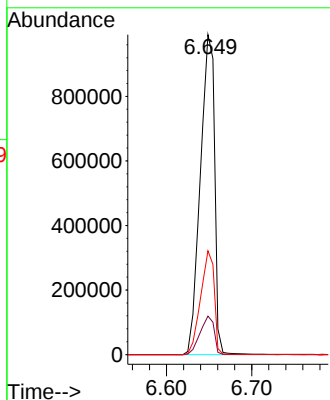
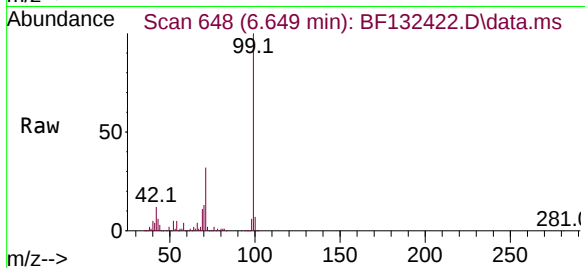


#7
Phenol-d6
Concen: 100.574 ng
RT: 6.649 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132422.D
Acq: 13 Feb 2023 21:51

Instrument :
BNA_F
ClientSampleId :
COMP-9-BORING-2-28-35

Tgt Ion: 99 Resp: 1153114

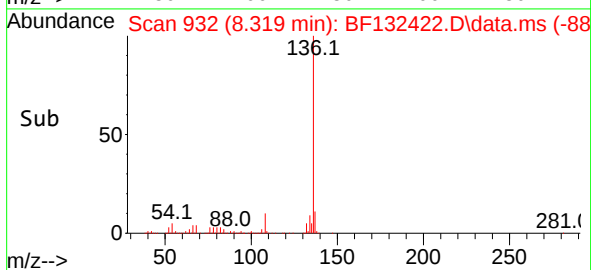
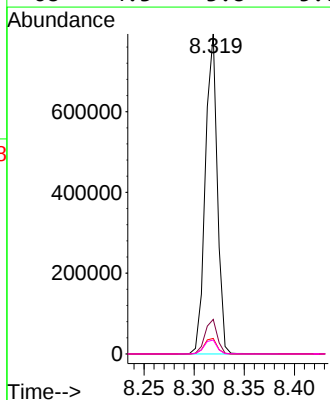
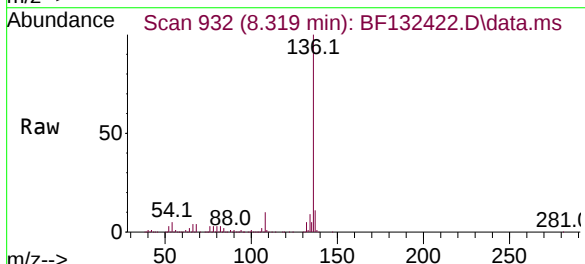
Ion	Ratio	Lower	Upper
99	100		
42	12.0	10.1	15.1
71	32.4	26.8	40.2

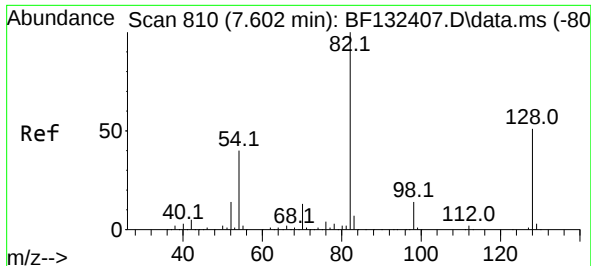


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132422.D
Acq: 13 Feb 2023 21:51

Tgt Ion: 136 Resp: 655640

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	4.8	4.2	6.2
68	4.3	3.8	5.6





#23

Nitrobenzene-d5

Concen: 63.083 ng

RT: 7.596 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132422.D

Acq: 13 Feb 2023 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-9-BORING-2-28-35

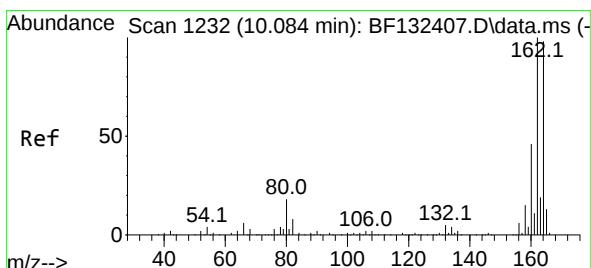
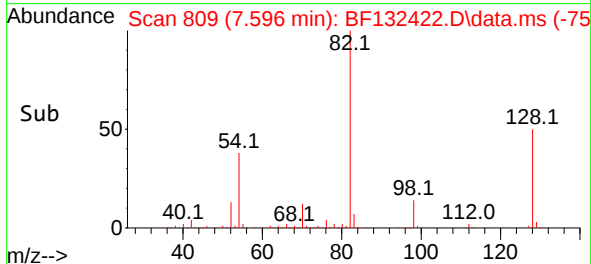
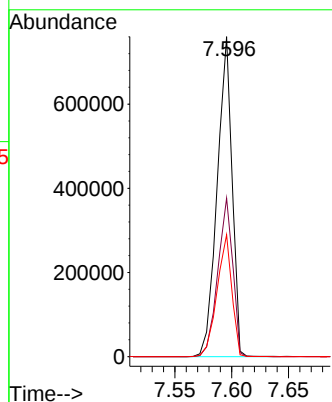
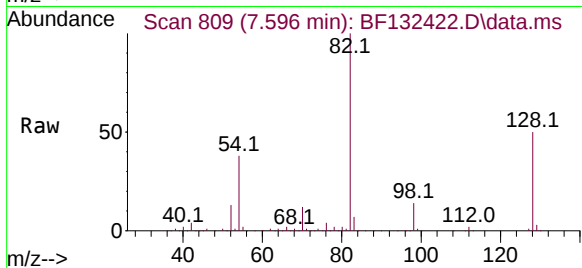
Tgt Ion: 82 Resp: 693312

Ion Ratio Lower Upper

82 100

128 49.5 40.7 61.1

54 38.1 32.3 48.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.084 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BF132422.D

Acq: 13 Feb 2023 21:51

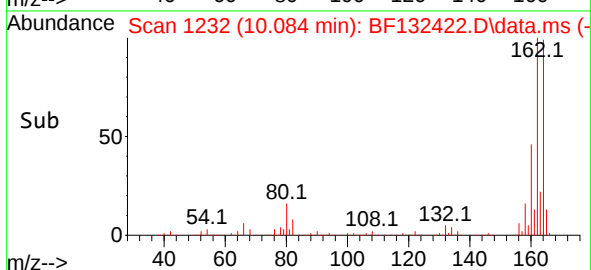
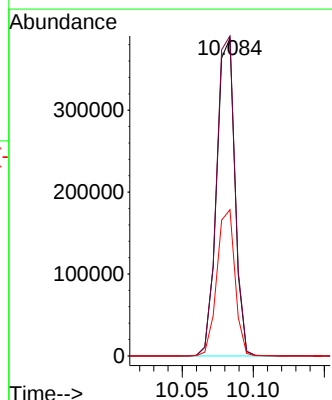
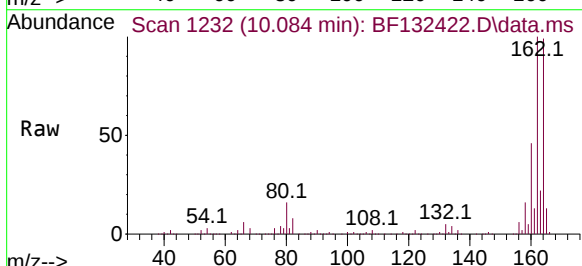
Tgt Ion:164 Resp: 344734

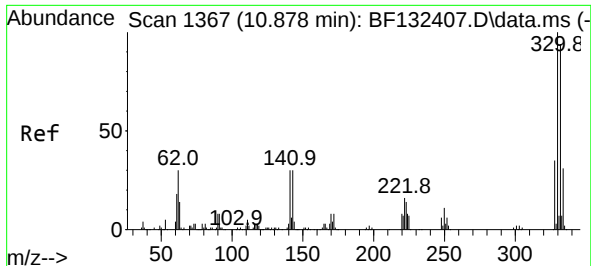
Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

160 46.0 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 92.874 ng

RT: 10.878 min Scan# 1367

Delta R.T. -0.000 min

Lab File: BF132422.D

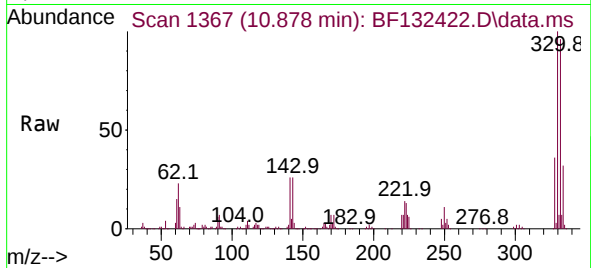
Acq: 13 Feb 2023 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-9-BORING-2-28-35



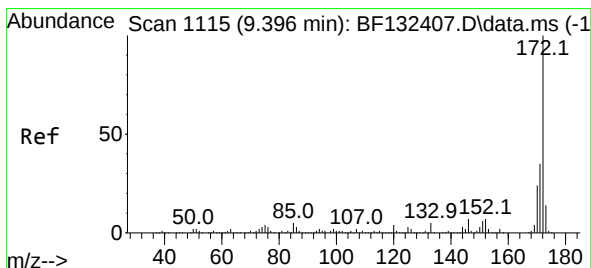
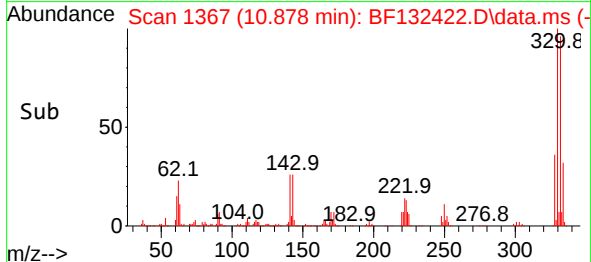
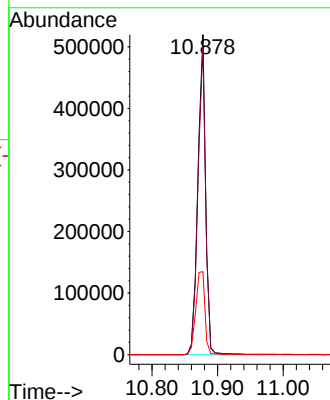
Tgt Ion:330 Resp: 426063

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

141 30.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.413 ng

RT: 9.395 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF132422.D

Acq: 13 Feb 2023 21:51

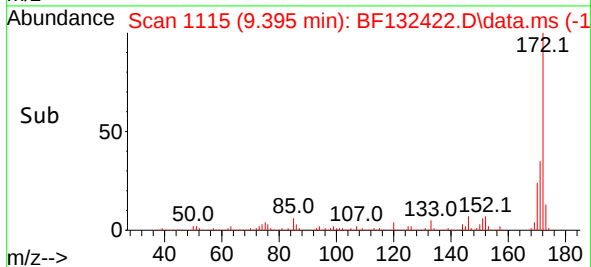
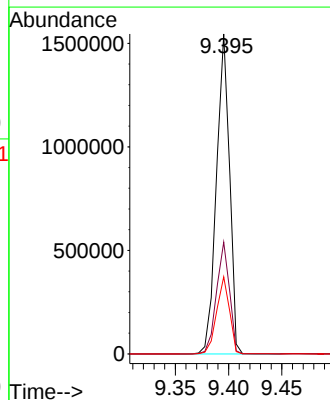
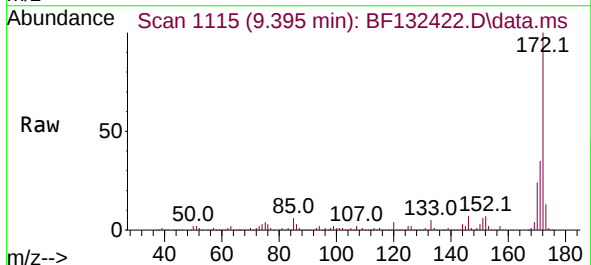
Tgt Ion:172 Resp: 1319531

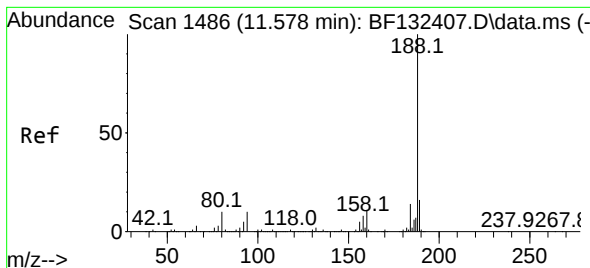
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 24.1 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.578 min Scan# 1486

Delta R.T. -0.000 min

Lab File: BF132422.D

Acq: 13 Feb 2023 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-9-BORING-2-28-35

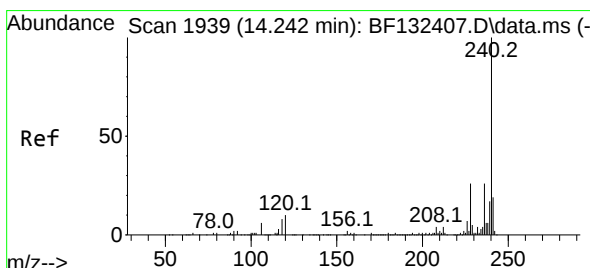
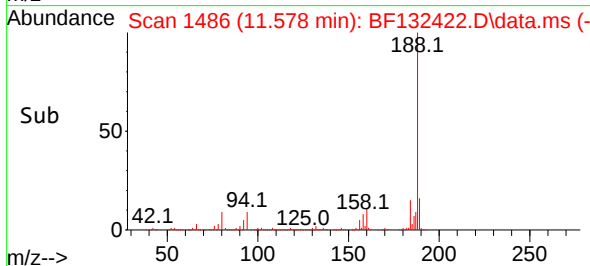
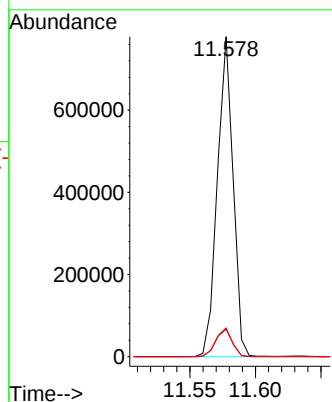
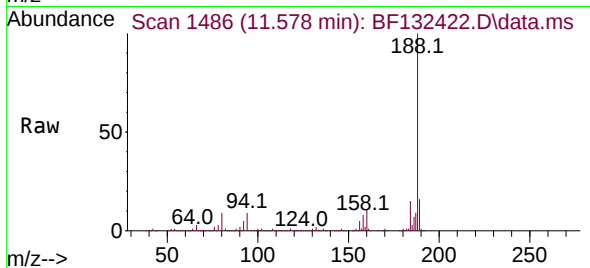
Tgt Ion:188 Resp: 649577

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.6

80 9.0 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: BF132422.D

Acq: 13 Feb 2023 21:51

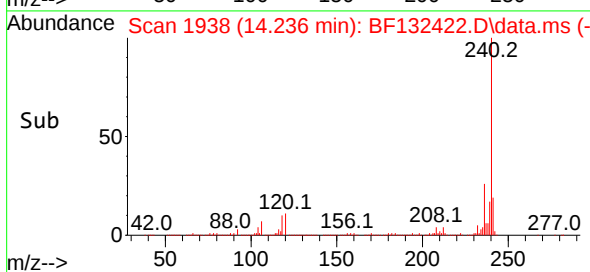
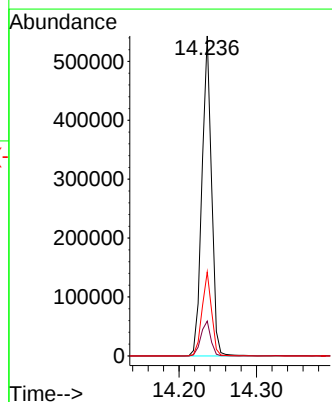
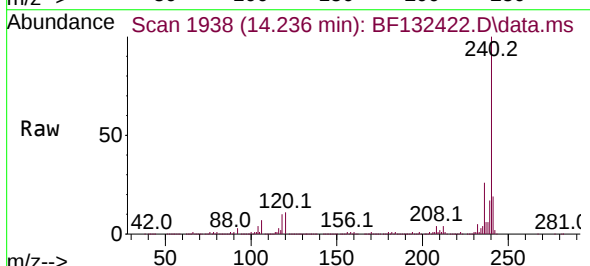
Tgt Ion:240 Resp: 466612

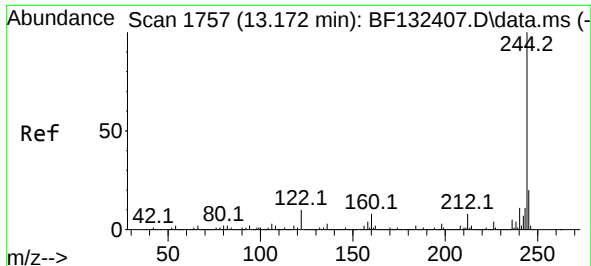
Ion Ratio Lower Upper

240 100

120 10.9 7.7 11.5

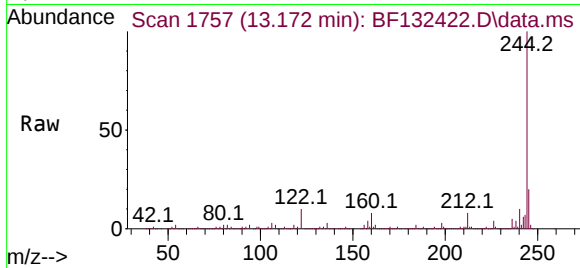
236 26.2 21.1 31.7



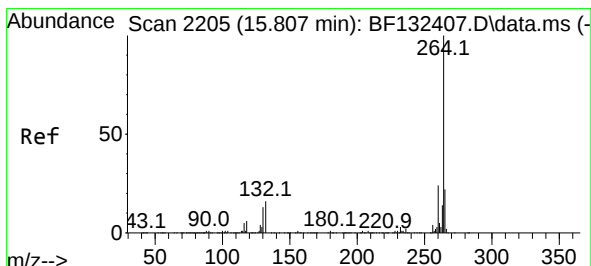
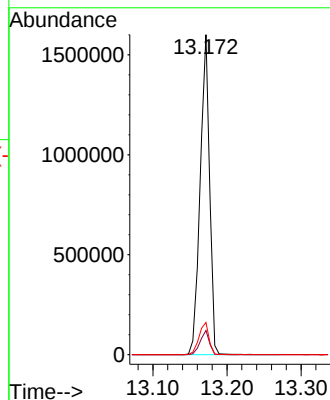
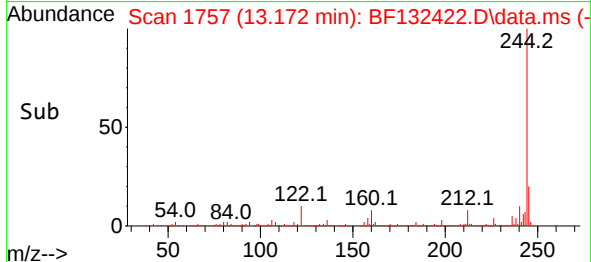


#79
 Terphenyl-d14
 Concen: 51.018 ng
 RT: 13.172 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132422.D
 Acq: 13 Feb 2023 21:51

Instrument :
 BNA_F
 ClientSampleId :
 COMP-9-BORING-2-28-35



Tgt Ion:244 Resp: 1415458
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 10.0 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: BF132422.D
 Acq: 13 Feb 2023 21:51

Tgt Ion:264 Resp: 452664
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 22.1 17.7 26.5

