

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132423.D
 Acq On : 13 Feb 2023 22:23
 Operator : CG\JU
 Sample : 01328-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2-BORING-1-7-14

Quant Time: Feb 14 01:41:22 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	162393	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	783904	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	402278	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	718507	20.000	ng	0.00
76) Chrysene-d12	14.236	240	489032	20.000	ng	# 0.00
86) Perylene-d12	15.801	264	449337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	1228362	138.033	ng	0.02
7) Phenol-d6	6.654	99	1225323	110.481	ng	0.00
23) Nitrobenzene-d5	7.595	82	991615	75.463	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	515926	96.375	ng	0.00
45) 2-Fluorobiphenyl	9.395	172	1809413	65.116	ng	0.00
79) Terphenyl-d14	13.172	244	1985422	68.281	ng	0.00

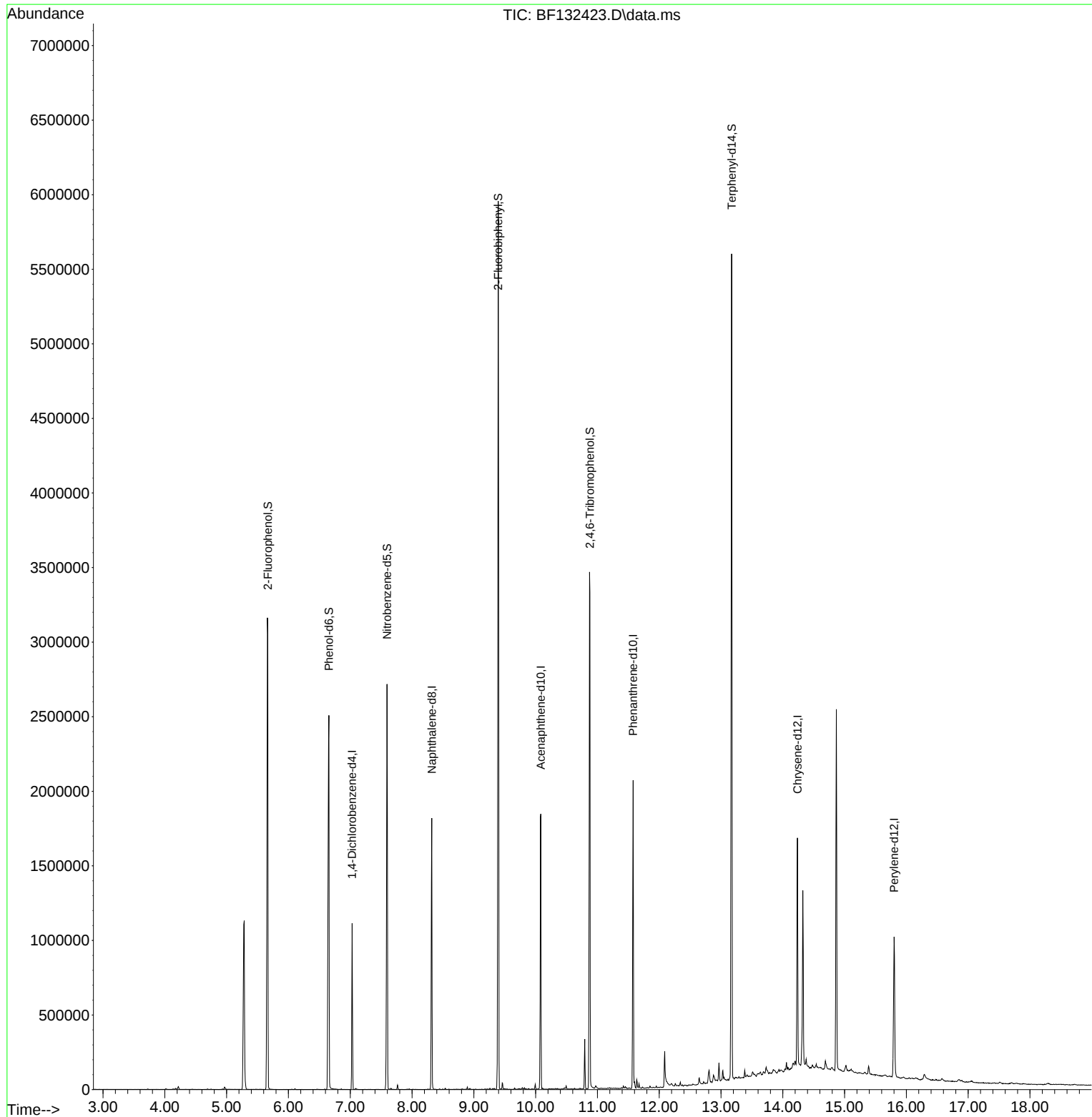
Target Compounds	Qvalue

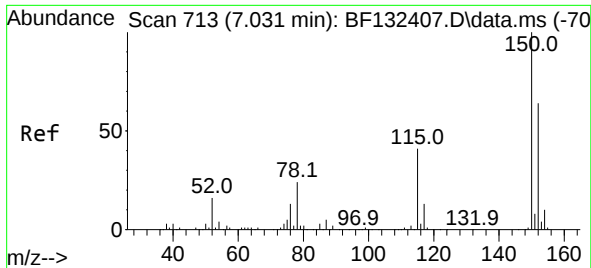
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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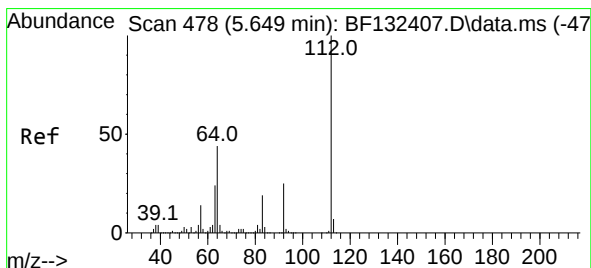
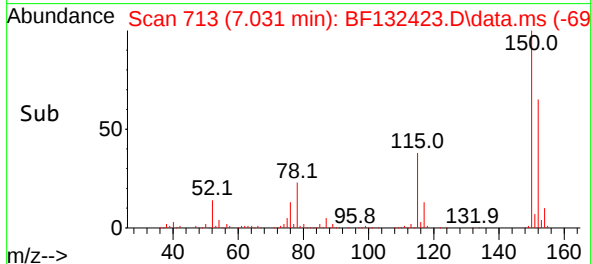
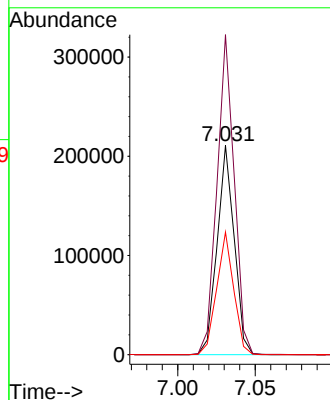
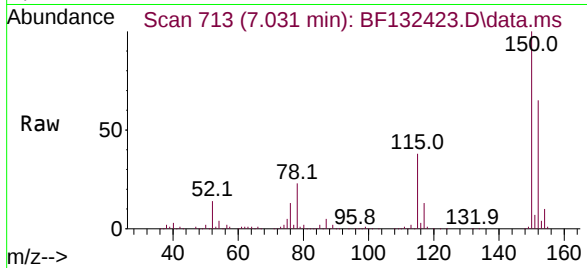




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

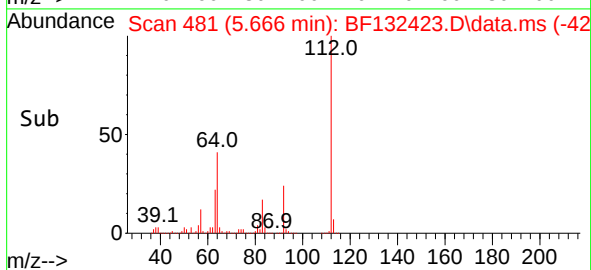
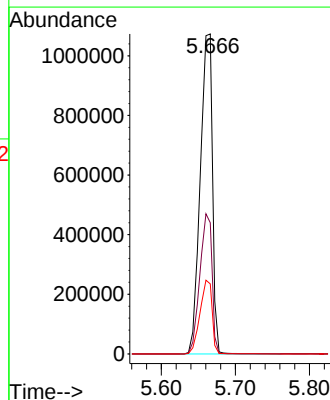
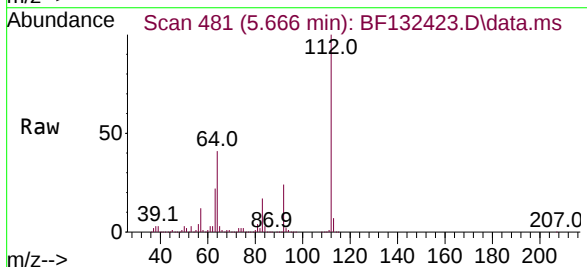
Instrument :
BNA_F
ClientSampleId :
COMP-2-BORING-1-7-14

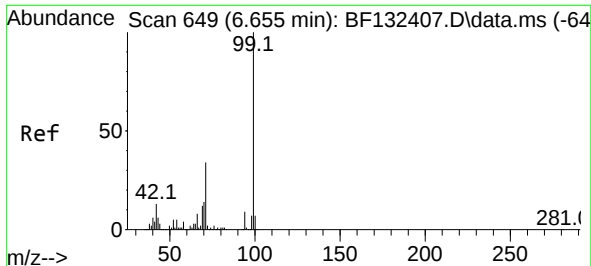
Tgt Ion:152 Resp: 162393
Ion Ratio Lower Upper
152 100
150 152.9 124.4 186.6
115 58.5 50.6 75.8



#5
2-Fluorophenol
Concen: 138.033 ng
RT: 5.666 min Scan# 481
Delta R.T. 0.017 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

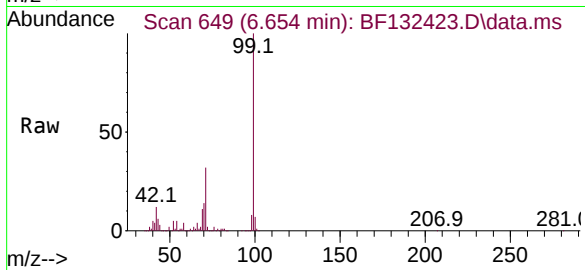
Tgt Ion:112 Resp: 1228362
Ion Ratio Lower Upper
112 100
64 41.0 34.8 52.2
63 21.9 19.3 28.9





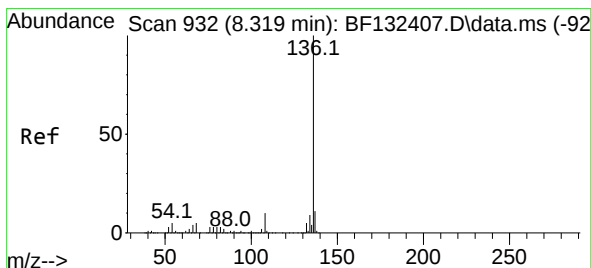
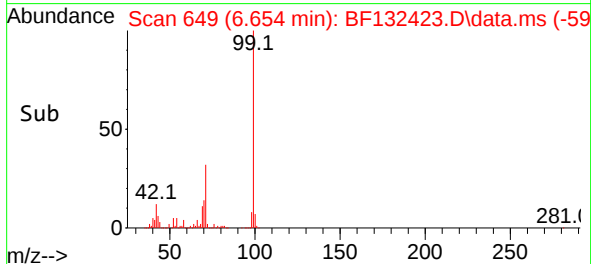
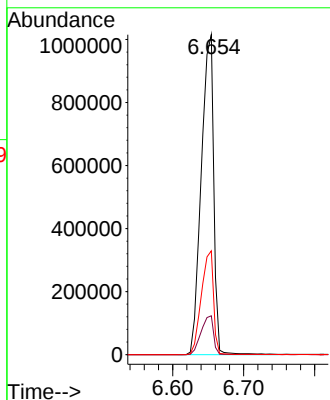
#7
Phenol-d6
Concen: 110.481 ng
RT: 6.654 min Scan# 64
Delta R.T. -0.001 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Instrument :
BNA_F
ClientSampleId :
COMP-2-BORING-1-7-14



Tgt Ion: 99 Resp: 1225323

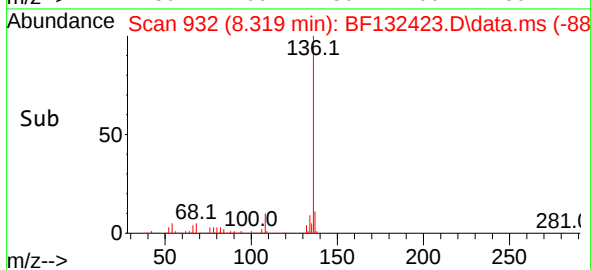
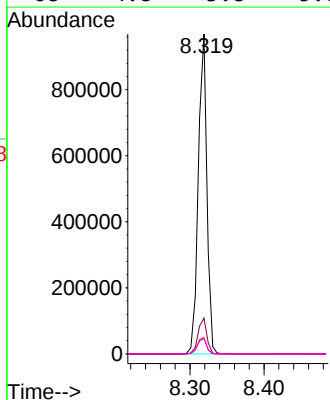
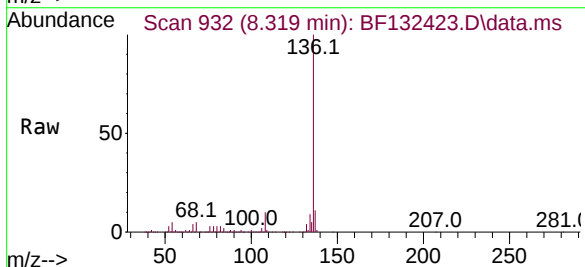
Ion	Ratio	Lower	Upper
99	100		
42	12.2	10.1	15.1
71	32.4	26.8	40.2

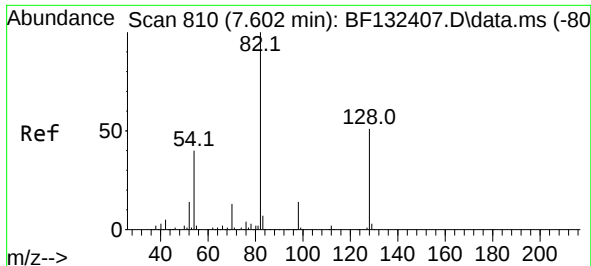


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion: 136 Resp: 783904

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	5.1	4.2	6.2
68	4.8	3.8	5.6





#23

Nitrobenzene-d5

Concen: 75.463 ng

RT: 7.595 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF132423.D

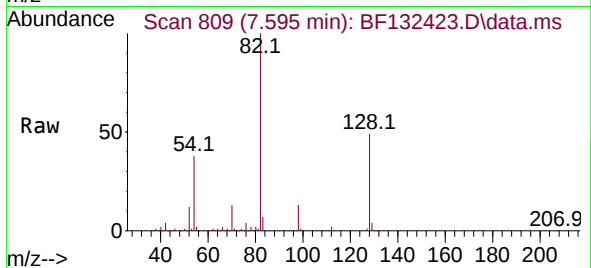
Acq: 13 Feb 2023 22:23

Instrument :

BNA_F

ClientSampleId :

COMP-2-BORING-1-7-14



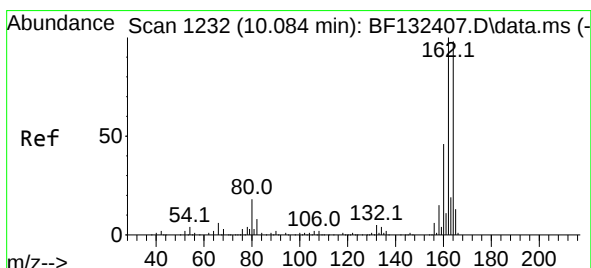
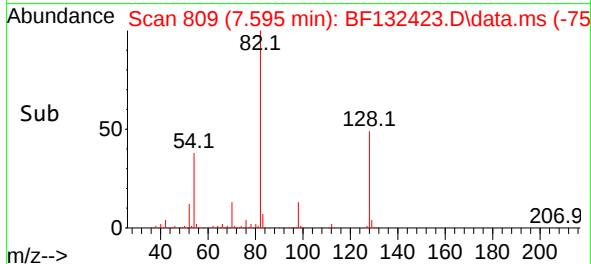
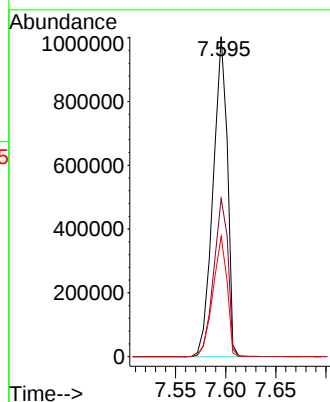
Tgt Ion: 82 Resp: 991615

Ion Ratio Lower Upper

82 100

128 49.4 40.7 61.1

54 37.6 32.3 48.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.083 min Scan# 1232

Delta R.T. -0.001 min

Lab File: BF132423.D

Acq: 13 Feb 2023 22:23

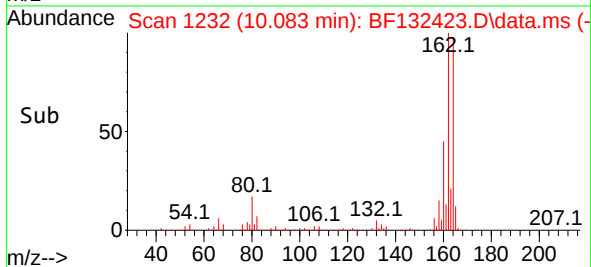
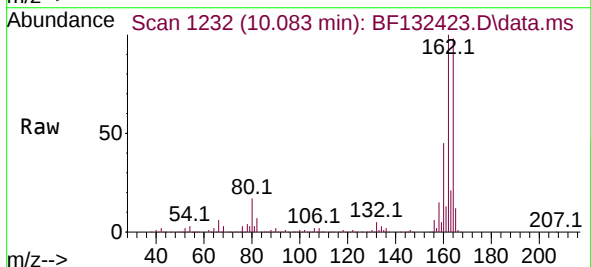
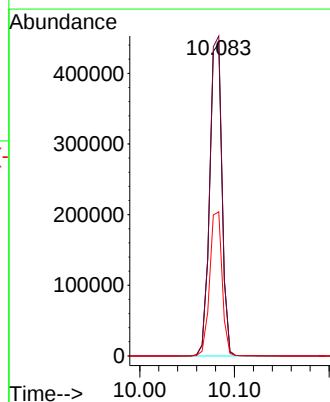
Tgt Ion: 164 Resp: 402278

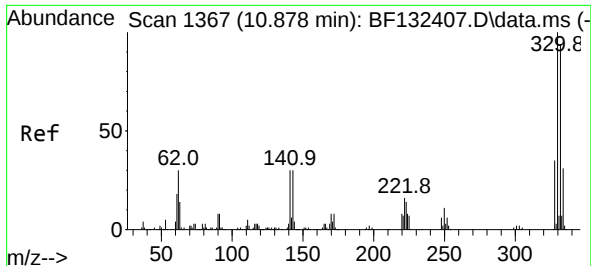
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

160 46.1 37.4 56.0

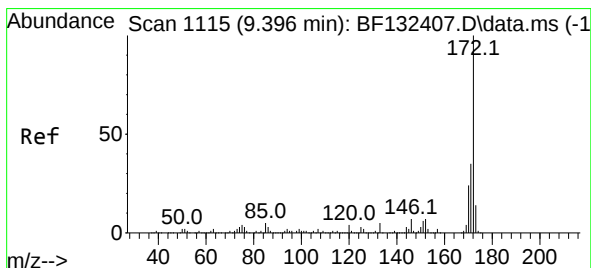
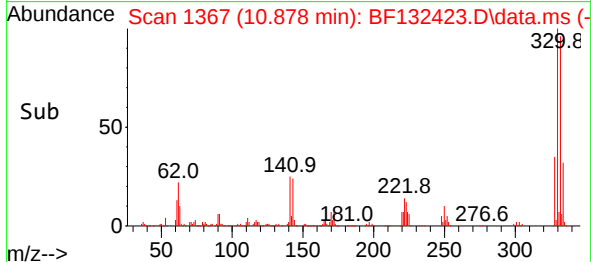
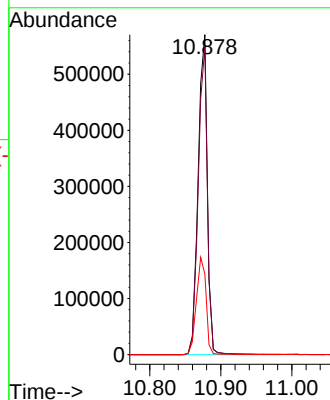
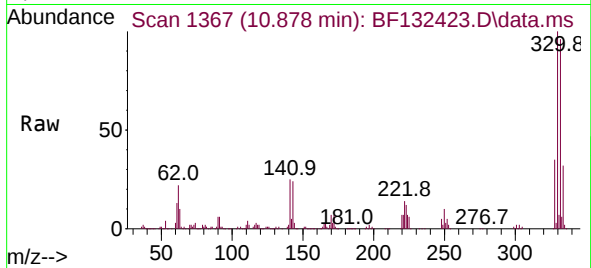




#42
2,4,6-Tribromophenol
Concen: 96.375 ng
RT: 10.878 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

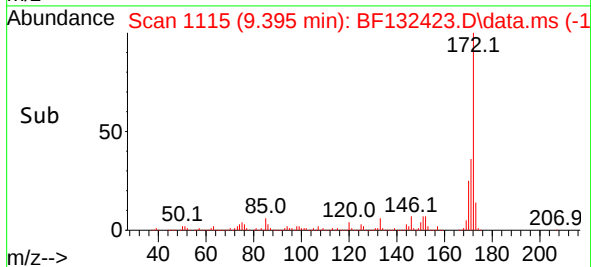
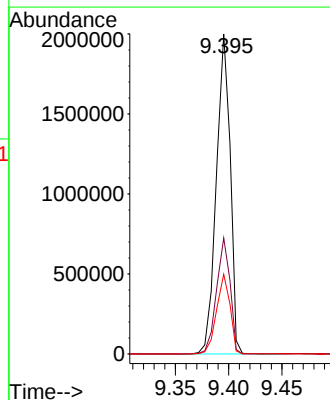
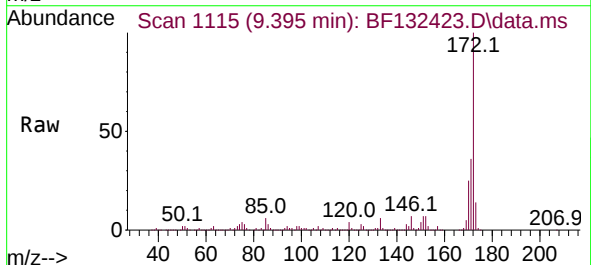
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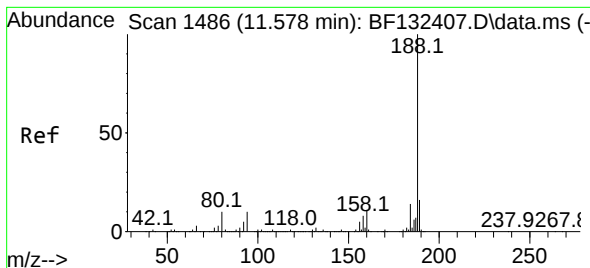
Tgt Ion:330 Resp: 515926
Ion Ratio Lower Upper
330 100
332 95.1 76.7 115.1
141 31.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 65.116 ng
RT: 9.395 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF132423.D
Acq: 13 Feb 2023 22:23

Tgt Ion:172 Resp: 1809413
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 24.9 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: BF132423.D

Acq: 13 Feb 2023 22:23

Instrument :

BNA_F

ClientSampleId :

COMP-2-BORING-1-7-14

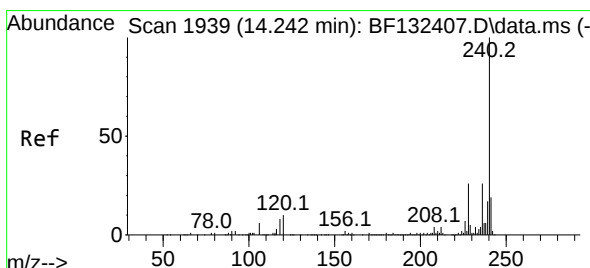
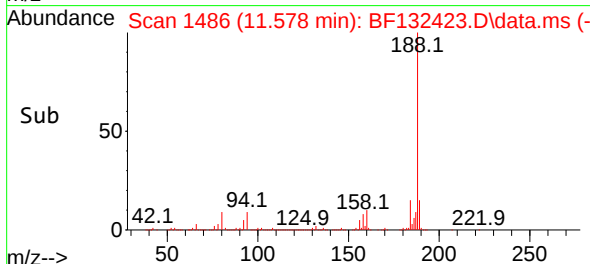
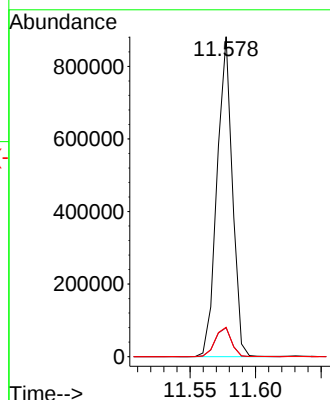
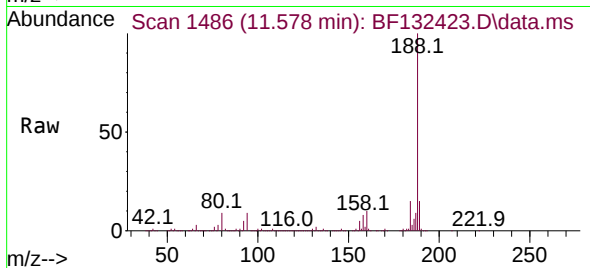
Tgt Ion:188 Resp: 718507

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.2 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: BF132423.D

Acq: 13 Feb 2023 22:23

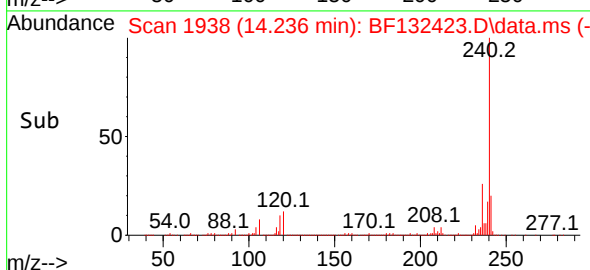
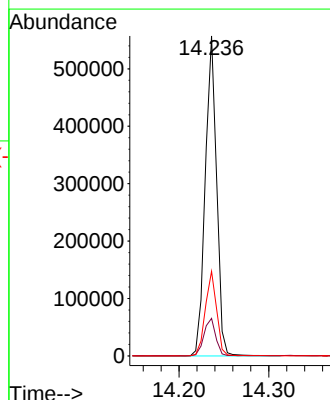
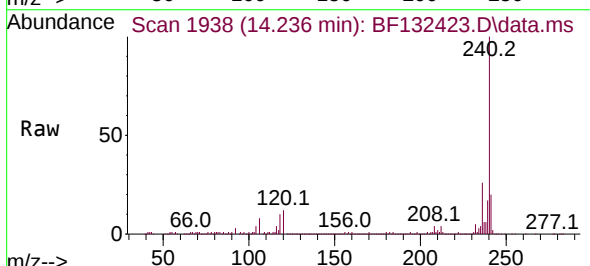
Tgt Ion:240 Resp: 489032

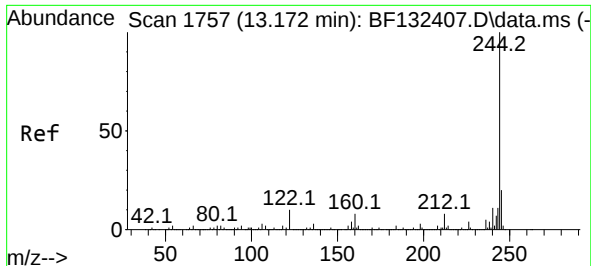
Ion Ratio Lower Upper

240 100

120 11.7 7.7 11.5#

236 26.5 21.1 31.7

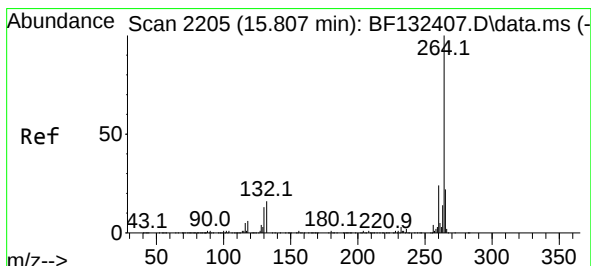
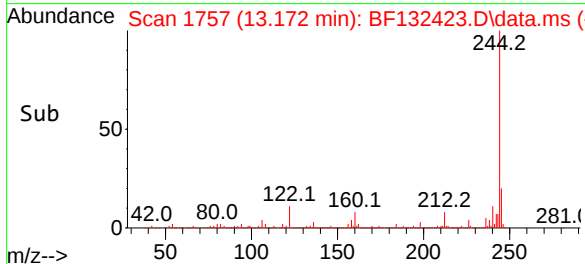
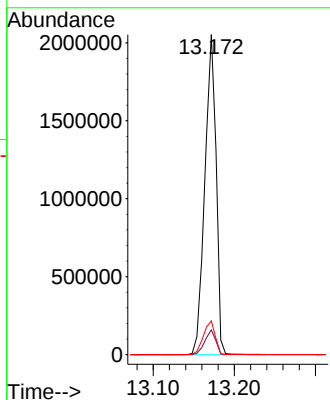
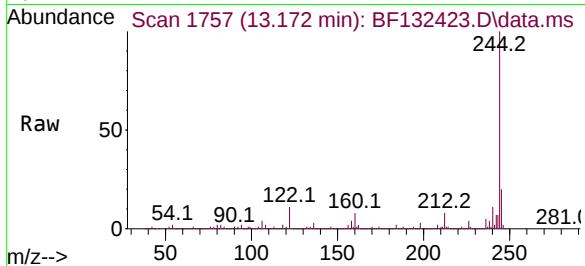




#79
 Terphenyl-d14
 Concen: 68.281 ng
 RT: 13.172 min Scan# 1757
 Delta R.T. -0.000 min
 Lab File: BF132423.D
 Acq: 13 Feb 2023 22:23

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2-BORING-1-7-14

Tgt Ion:244 Resp: 1985422
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 10.5 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: BF132423.D
 Acq: 13 Feb 2023 22:23

Tgt Ion:264 Resp: 449337
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.8 17.7 26.5

