

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130652.D
 Acq On : 13 Oct 2022 17:55
 Operator : CG\JU
 Sample : N5083-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

Quant Time: Oct 14 06:01:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	75442	20.000	ng	0.00
21) Naphthalene-d8	7.869	136	299503	20.000	ng	0.00
39) Acenaphthene-d10	9.616	164	163932	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	278810	20.000	ng	0.00
76) Chrysene-d12	13.721	240	139257	20.000	ng	0.00
86) Perylene-d12	15.098	264	146706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	502954	120.171	ng	0.00
7) Phenol-d6	6.234	99	632945	120.284	ng	0.00
23) Nitrobenzene-d5	7.157	82	384137	70.017	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	209044	130.321	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	788210	72.831	ng	0.00
79) Terphenyl-d14	12.680	244	775456	92.422	ng	0.00

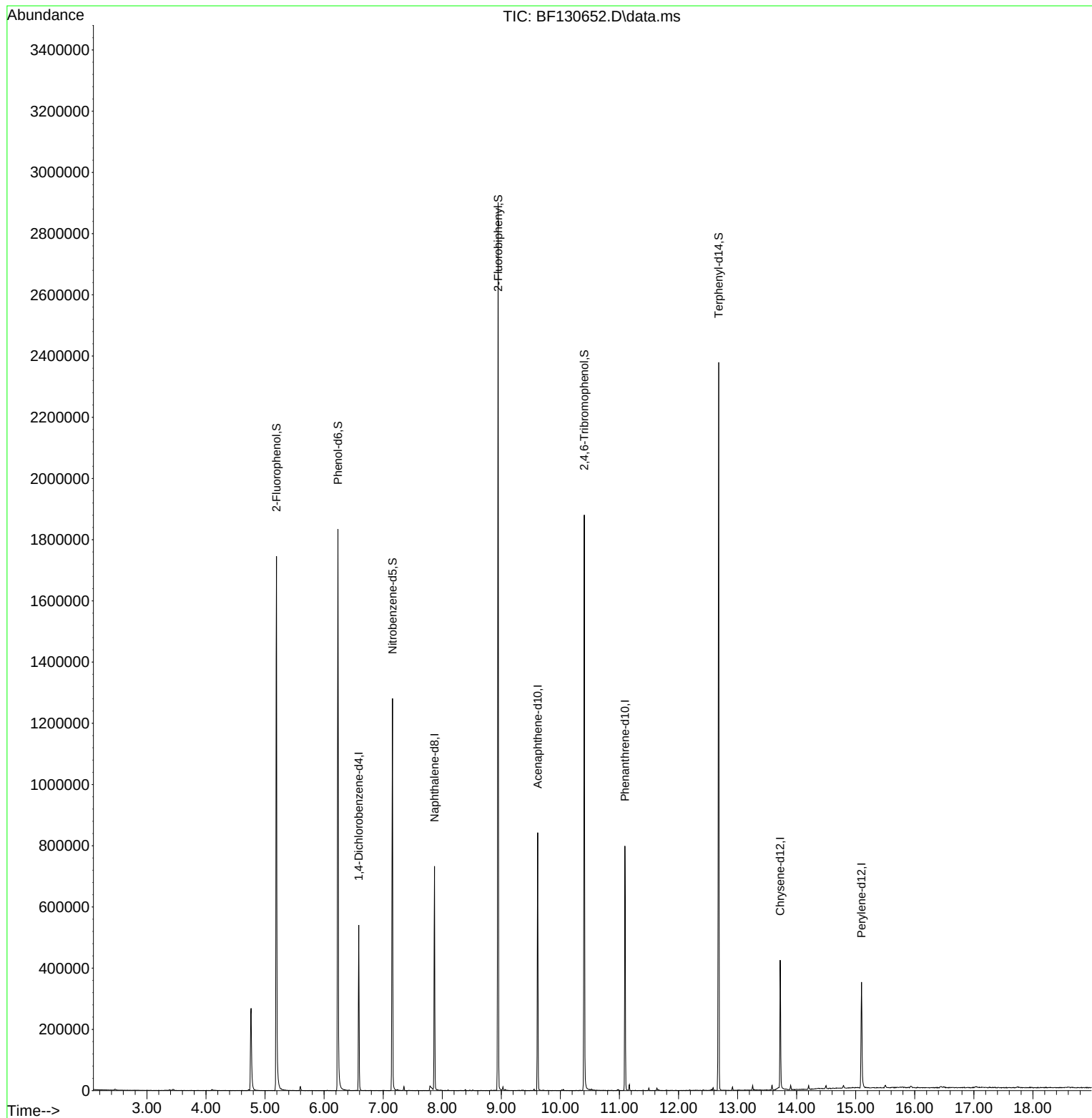
Target Compounds	Qvalue

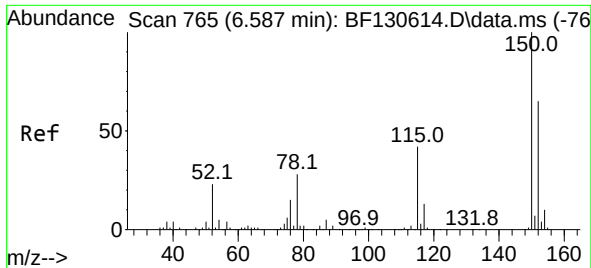
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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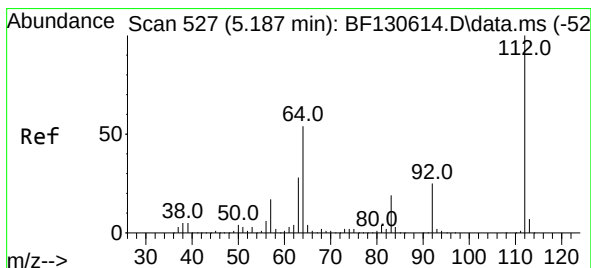
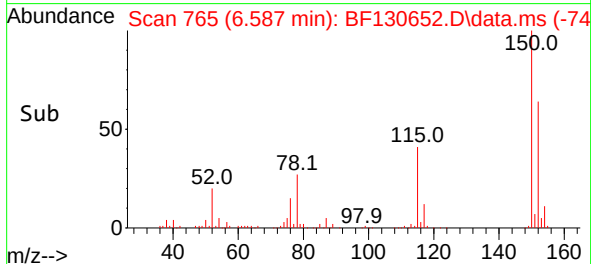
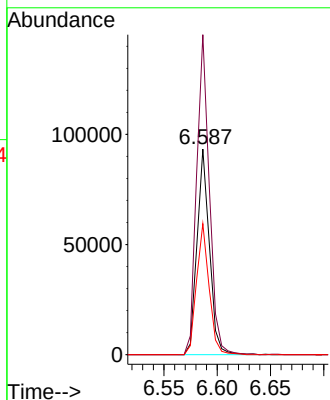
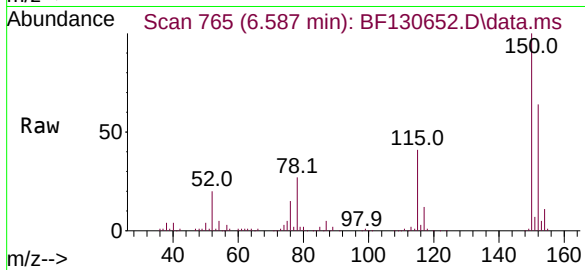




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

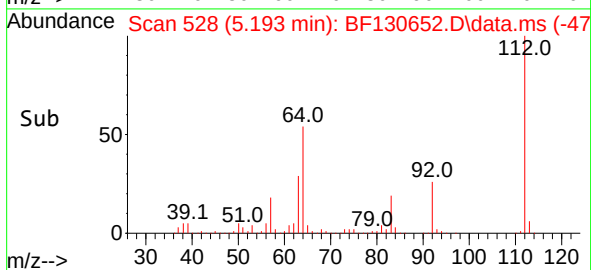
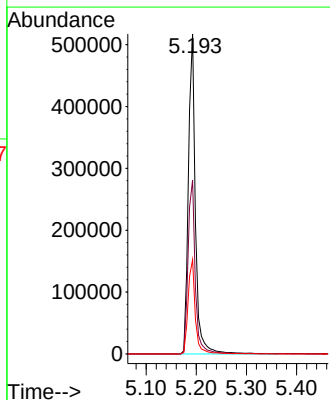
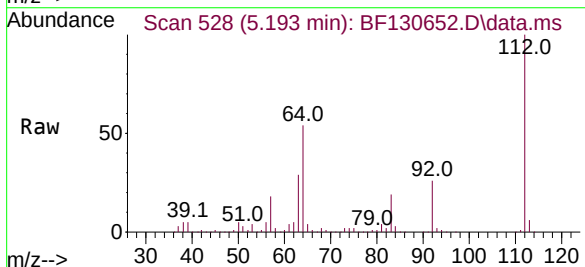
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

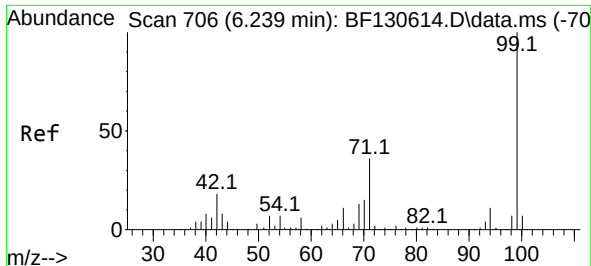
Tgt Ion:152 Resp: 75442
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 63.7 52.2 78.4



#5
2-Fluorophenol
Concen: 120.171 ng
RT: 5.193 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:112 Resp: 502954
Ion Ratio Lower Upper
112 100
64 54.3 43.5 65.3
63 29.4 22.6 34.0

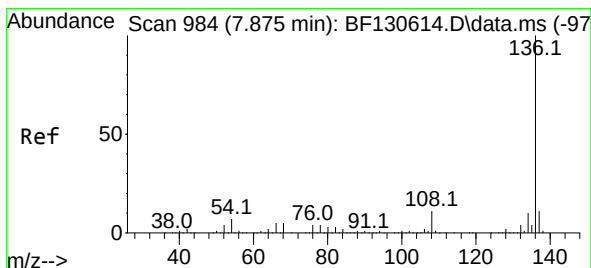
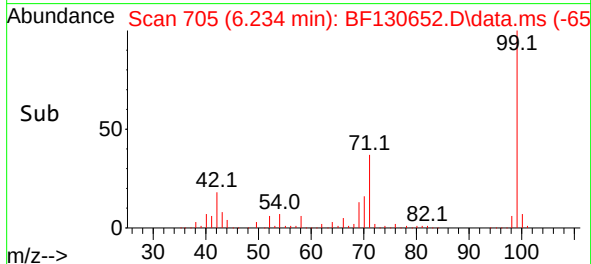
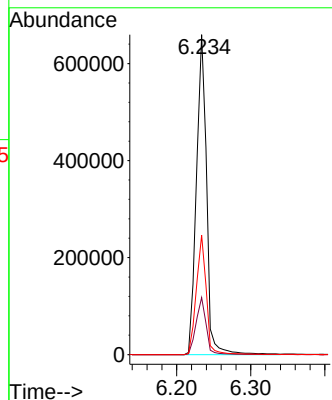
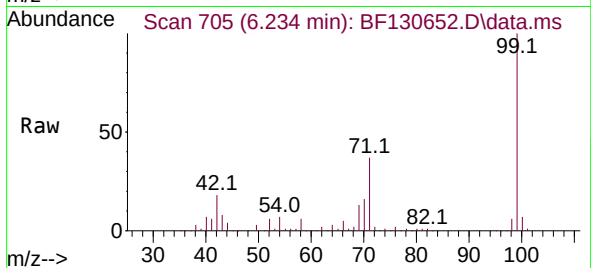




#7
Phenol-d6
Concen: 120.284 ng
RT: 6.234 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

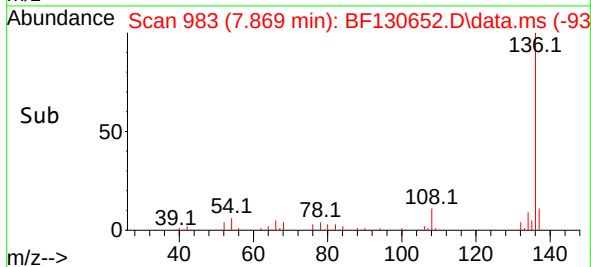
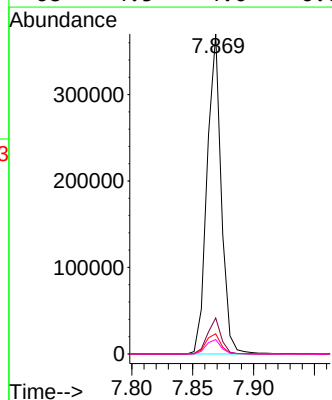
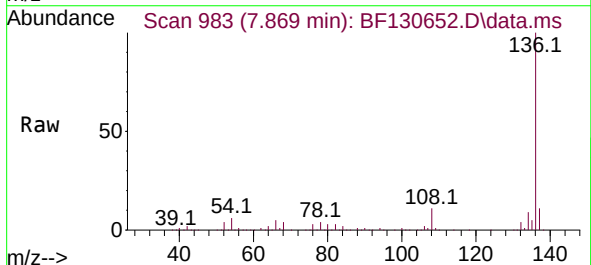
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

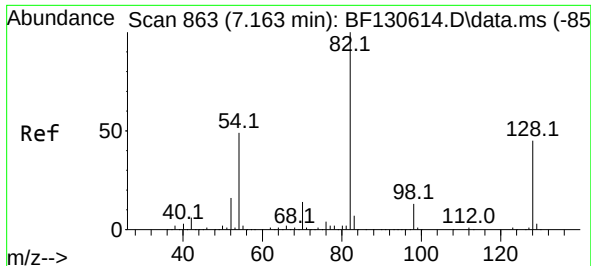
Tgt Ion: 99 Resp: 632945
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 37.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion: 136 Resp: 299503
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.3 5.5 8.3
68 4.5 4.0 6.0

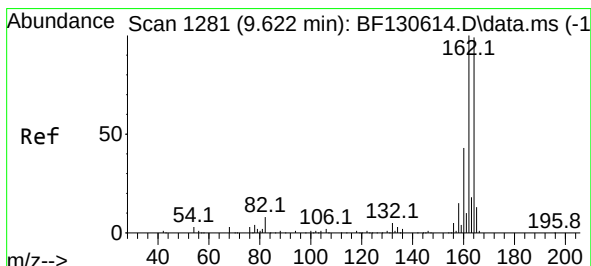
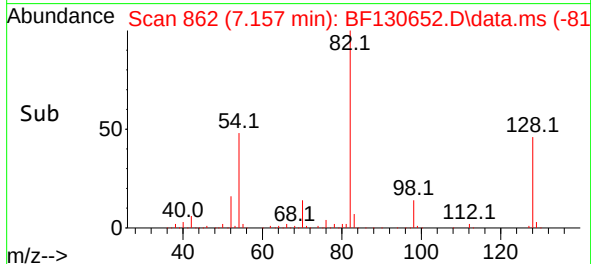
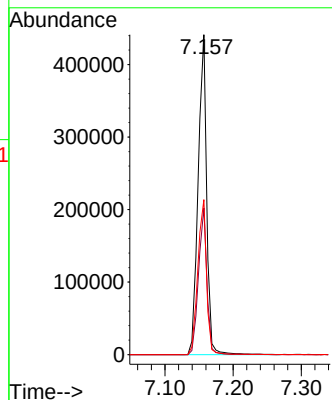
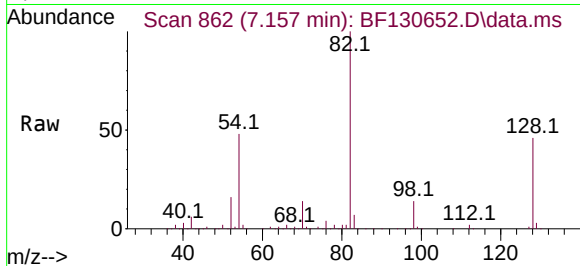




#23
Nitrobenzene-d5
Concen: 70.017 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

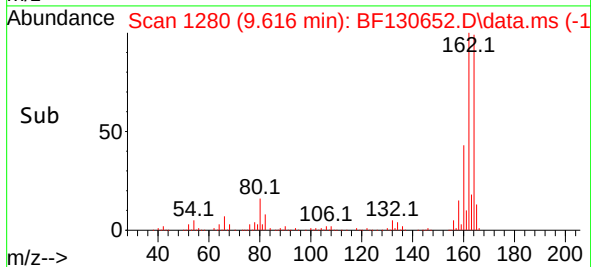
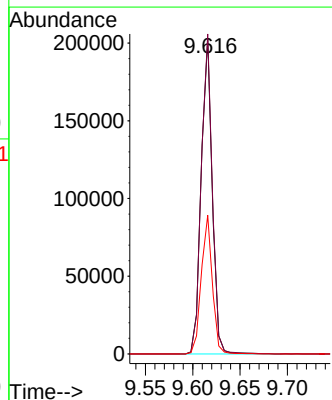
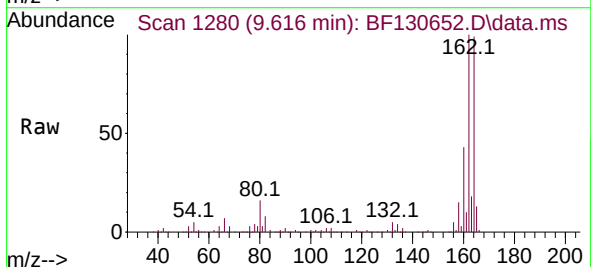
Instrument : BNA_F
ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

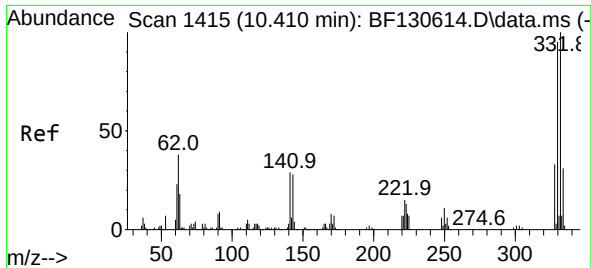
Tgt Ion: 82 Resp: 384137
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 48.4 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:164 Resp: 163932
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 43.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 130.321 ng

RT: 10.404 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130652.D

Acq: 13 Oct 2022 17:55

Instrument :

BNA_F

ClientSampleId :

MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

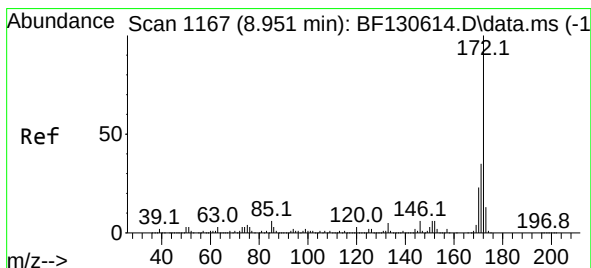
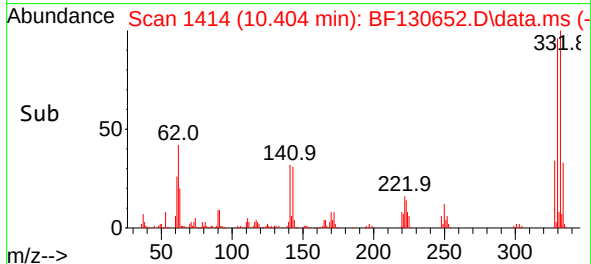
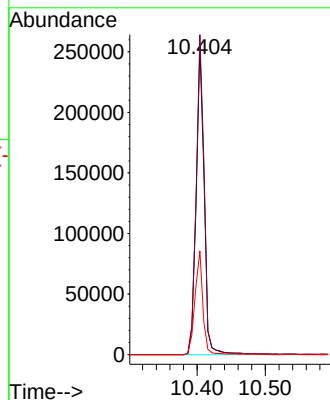
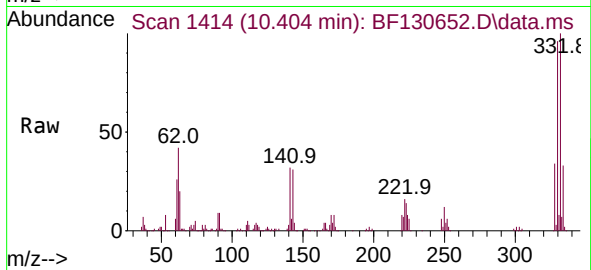
Tgt Ion:330 Resp: 209044

Ion Ratio Lower Upper

330 100

332 104.5 84.2 126.4

141 33.4 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 72.831 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF130652.D

Acq: 13 Oct 2022 17:55

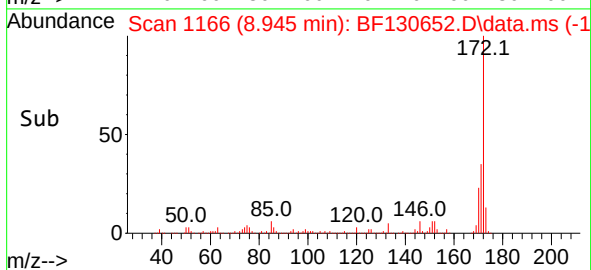
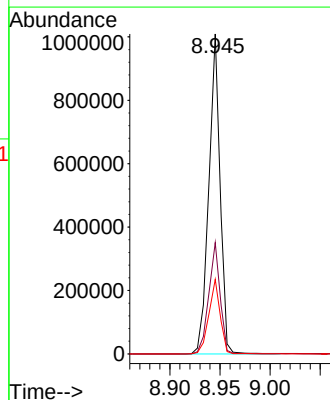
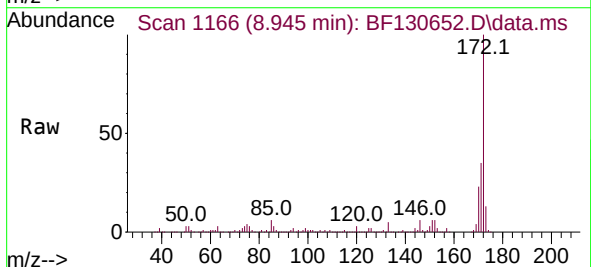
Tgt Ion:172 Resp: 788210

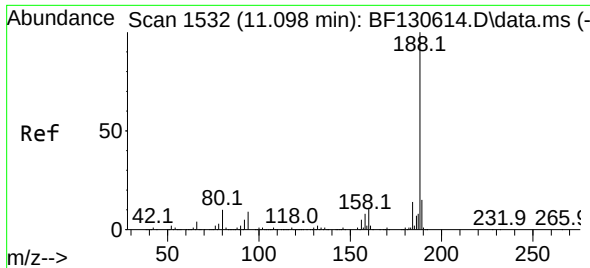
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.3 18.6 27.8

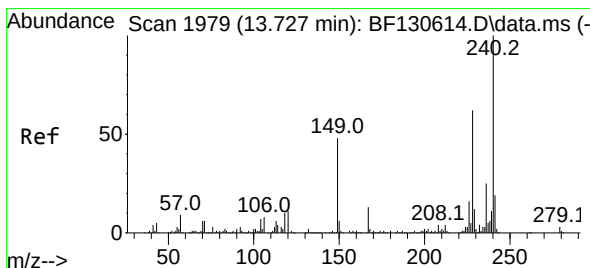
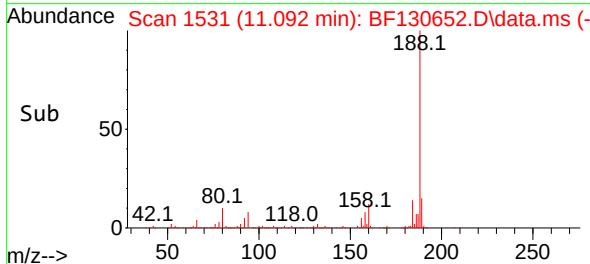
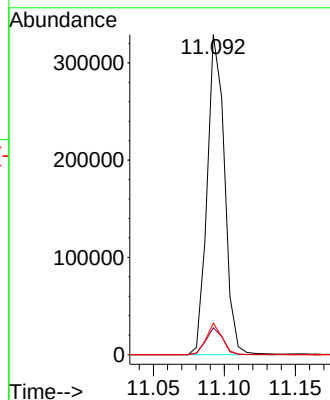
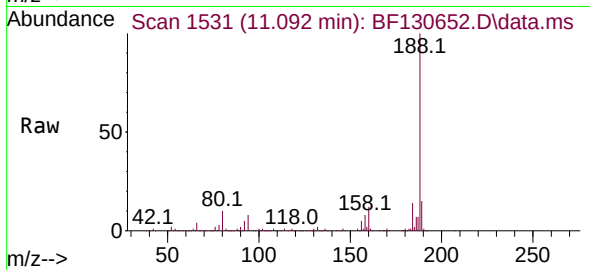




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

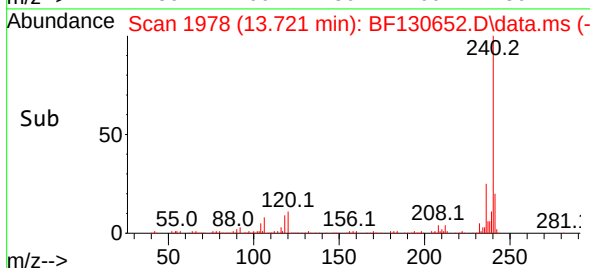
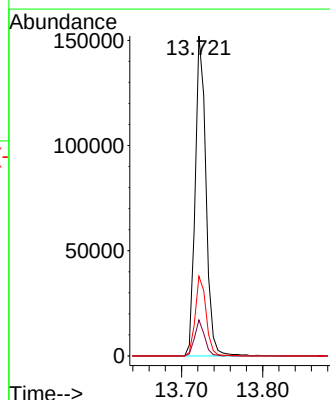
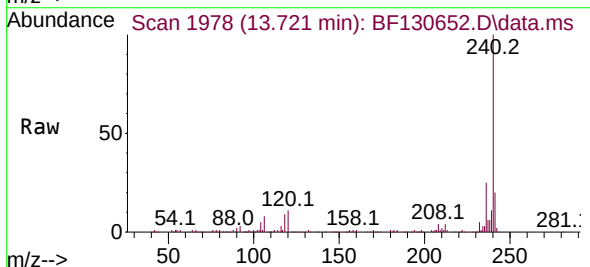
Instrument :
BNA_F
ClientSampleId :
MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

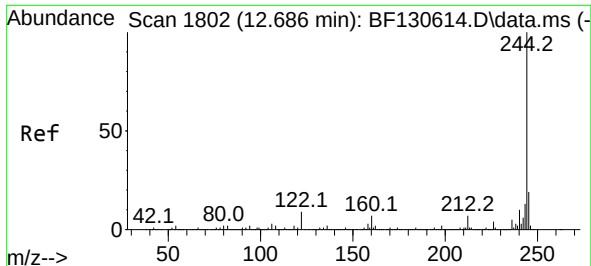
Tgt Ion:188 Resp: 278810
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130652.D
Acq: 13 Oct 2022 17:55

Tgt Ion:240 Resp: 139257
Ion Ratio Lower Upper
240 100
120 11.2 8.6 13.0
236 24.9 20.2 30.4

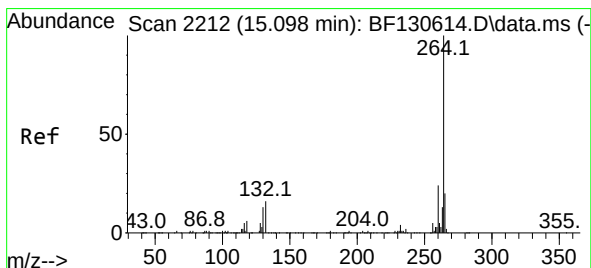
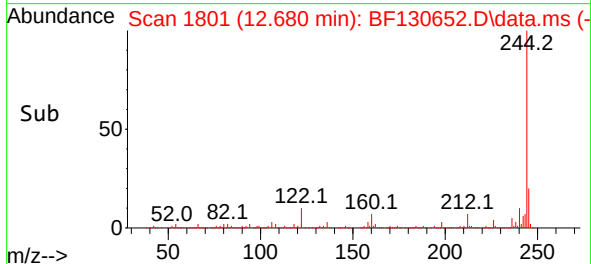
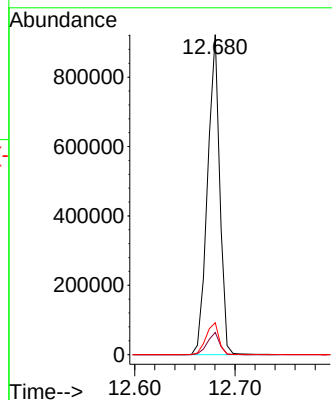
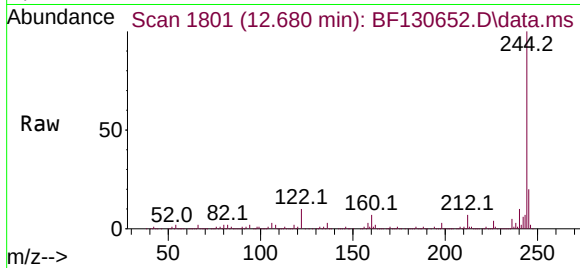




#79
 Terphenyl-d14
 Concen: 92.422 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130652.D
 Acq: 13 Oct 2022 17:55

Instrument : BNA_F
 ClientSampleId : MOUNT-LAUREL-COMP-4-MOUNT-LAUREL-VOC-4

Tgt Ion:244 Resp: 775456
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130652.D
 Acq: 13 Oct 2022 17:55

Tgt Ion:264 Resp: 146706
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 21.2 16.4 24.6

