

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
 Data File : BF132243.D
 Acq On : 31 Jan 2023 22:21
 Operator : CG\JU
 Sample : PB150215BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150215BL

Quant Time: Feb 01 05:58:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	162348	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	634484	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	325685	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	617014	20.000	ng	0.00
76) Chrysene-d12	14.277	240	438601	20.000	ng	#-0.01
86) Perylene-d12	15.865	264	427269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	1231941	121.974	ng	0.01
7) Phenol-d6	6.684	99	1513562	121.552	ng	0.00
23) Nitrobenzene-d5	7.631	82	935997	82.091	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	419933	125.382	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1594722	75.615	ng	0.00
79) Terphenyl-d14	13.213	244	1855221	81.823	ng	0.00

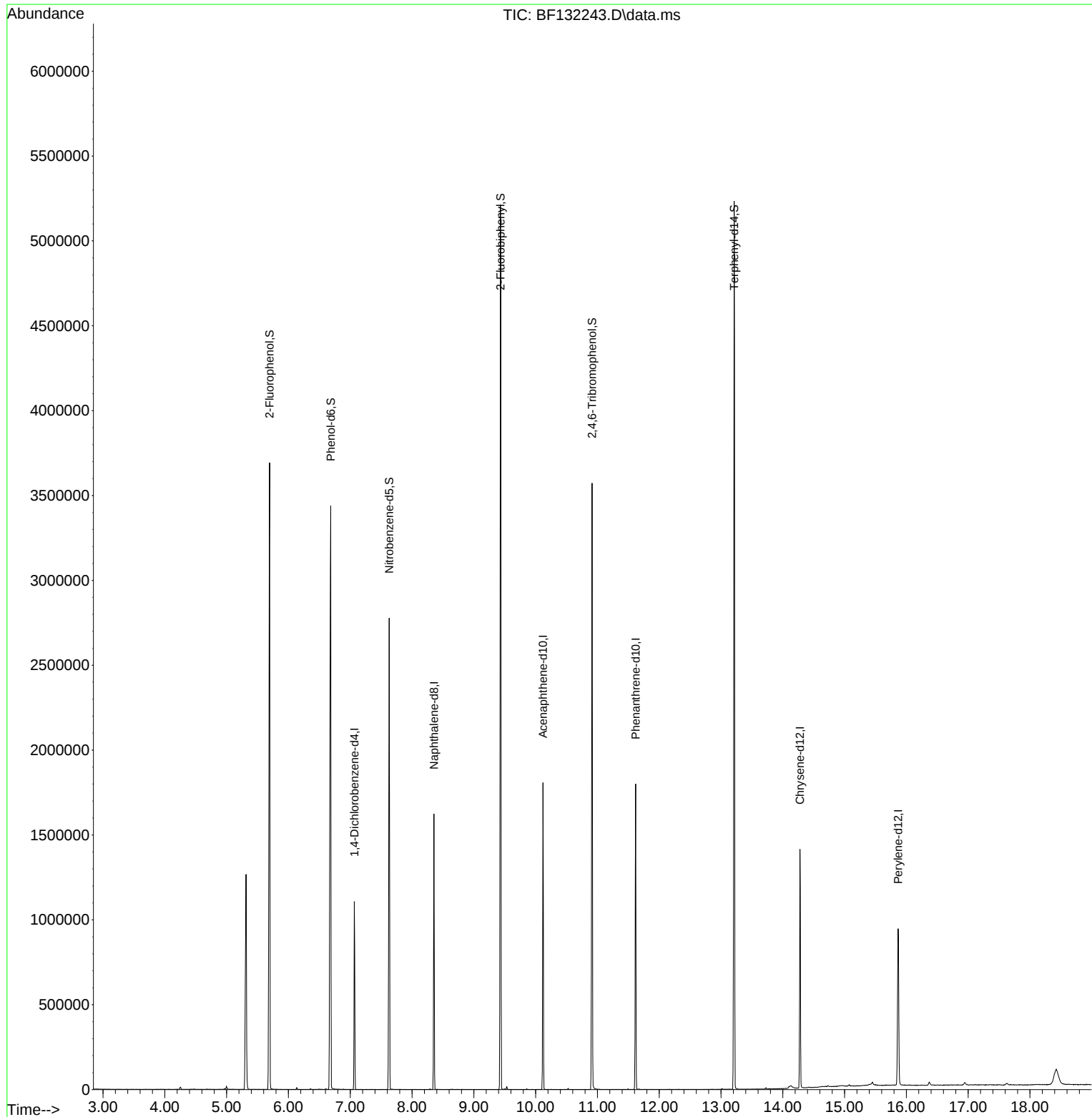
Target Compounds Qvalue

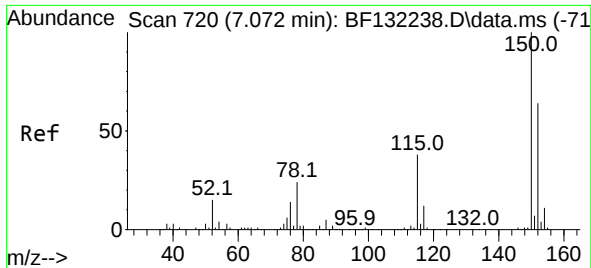
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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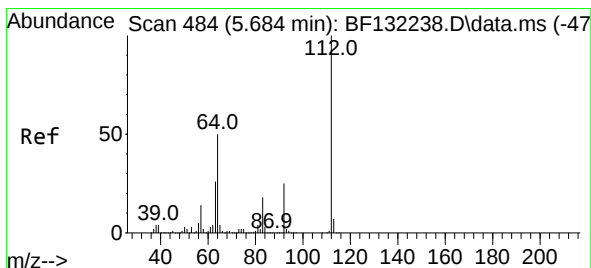
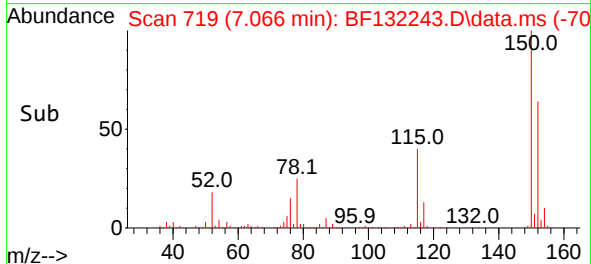
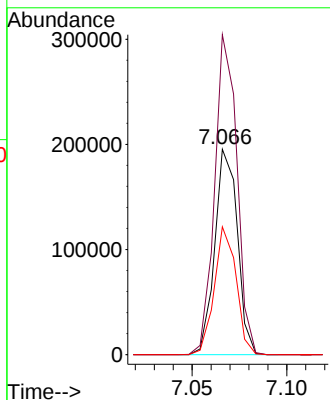
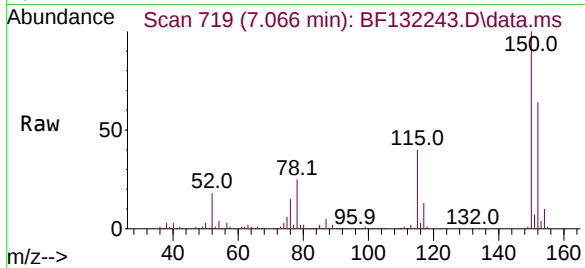




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132243.D
 Acq: 31 Jan 2023 22:21

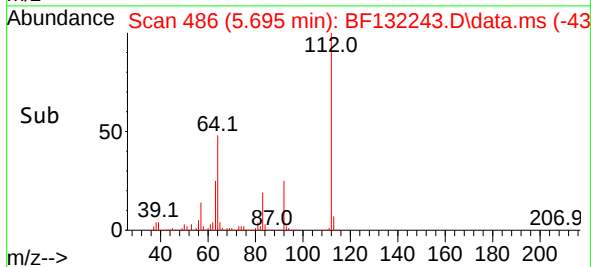
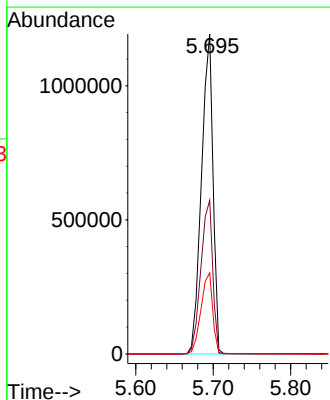
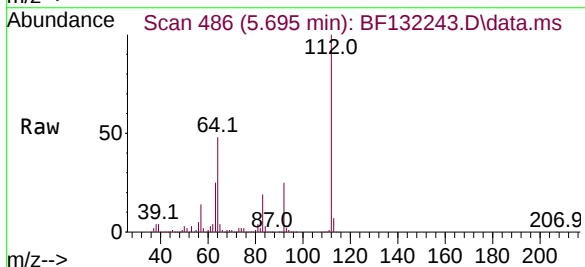
Instrument :
 BNA_F
 ClientSampleId :
 PB150215BL

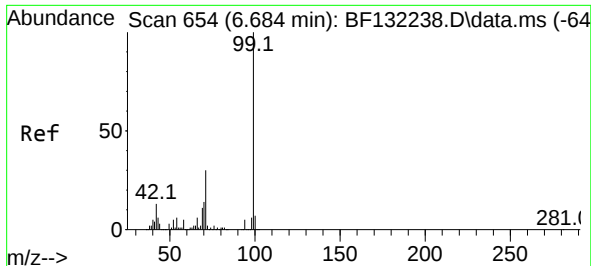
Tgt Ion:152 Resp: 162348
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 62.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 121.974 ng
 RT: 5.695 min Scan# 486
 Delta R.T. 0.012 min
 Lab File: BF132243.D
 Acq: 31 Jan 2023 22:21

Tgt Ion:112 Resp: 1231941
 Ion Ratio Lower Upper
 112 100
 64 48.0 40.0 60.0
 63 25.3 20.5 30.7

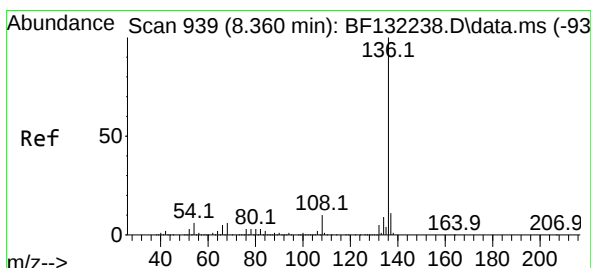
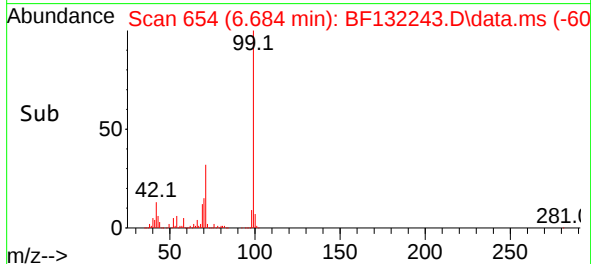
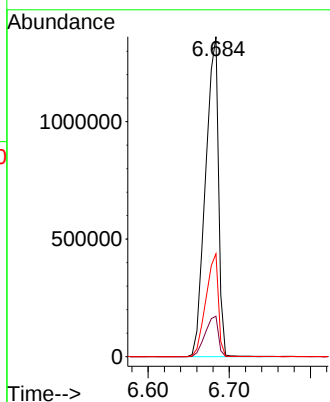
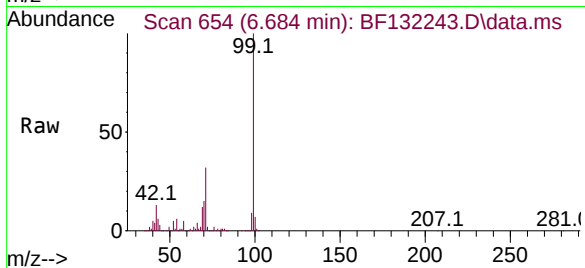




#7
Phenol-d6
Concen: 121.552 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132243.D
Acq: 31 Jan 2023 22:21

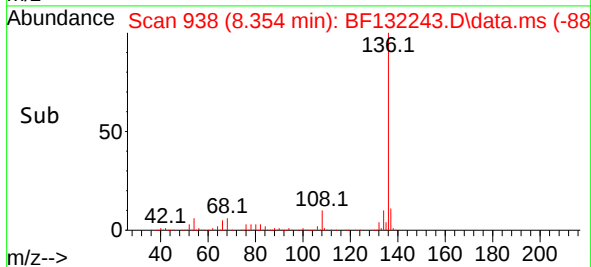
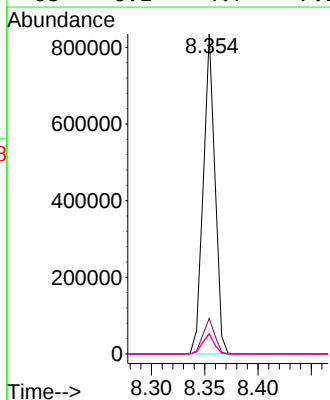
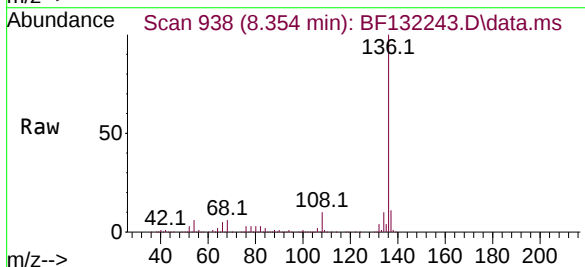
Instrument :
BNA_F
ClientSampleId :
PB150215BL

Tgt Ion: 99 Resp: 1513562
Ion Ratio Lower Upper
99 100
42 12.7 10.1 15.1
71 32.1 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132243.D
Acq: 31 Jan 2023 22:21

Tgt Ion:136 Resp: 634484
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 4.9 7.3
68 6.1 4.7 7.1

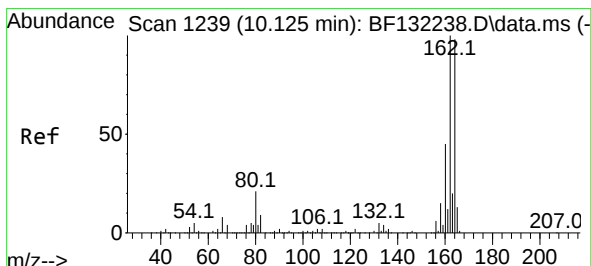
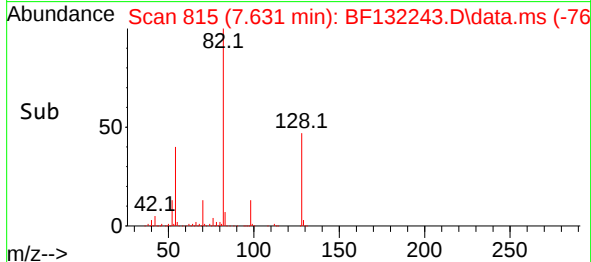
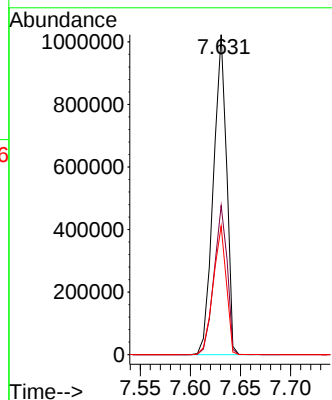
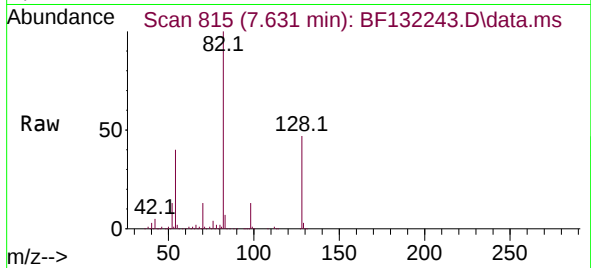




#23
Nitrobenzene-d5
Concen: 82.091 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132243.D
Acq: 31 Jan 2023 22:21

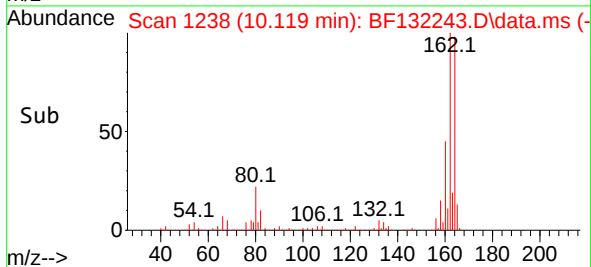
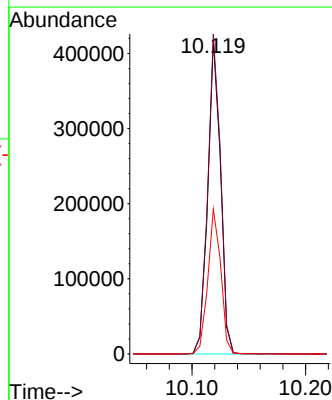
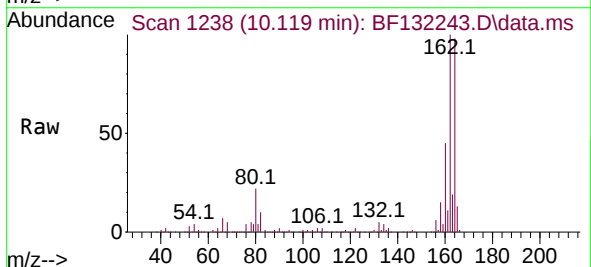
Instrument :
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ClientSampleId :
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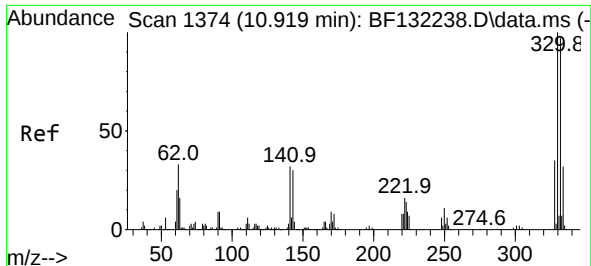
Tgt Ion: 82 Resp: 935997
Ion Ratio Lower Upper
82 100
128 46.6 37.0 55.4
54 40.2 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132243.D
Acq: 31 Jan 2023 22:21

Tgt Ion: 164 Resp: 325685
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 46.2 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 125.382 ng

RT: 10.913 min Scan# 1374

Delta R.T. -0.006 min

Lab File: BF132243.D

Acq: 31 Jan 2023 22:21

Instrument :

BNA_F

ClientSampleId :

PB150215BL

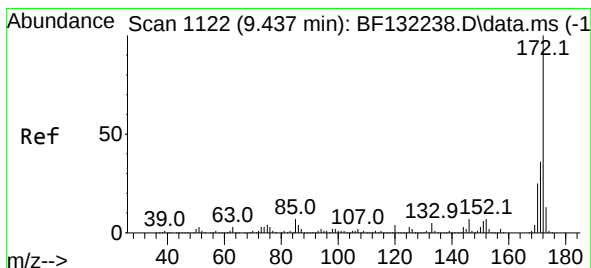
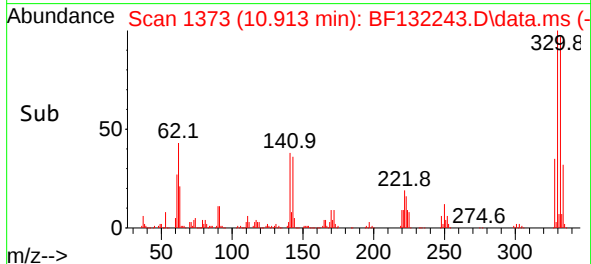
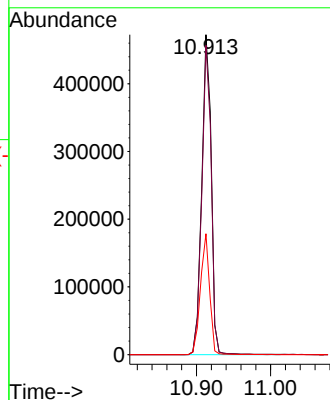
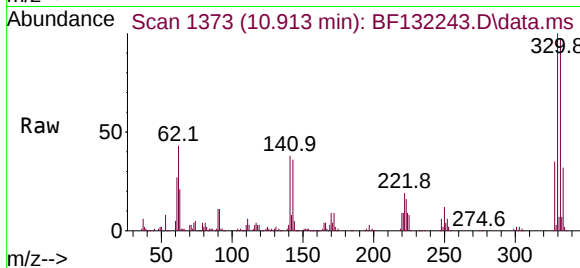
Tgt Ion:330 Resp: 419933

Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 36.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 75.615 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132243.D

Acq: 31 Jan 2023 22:21

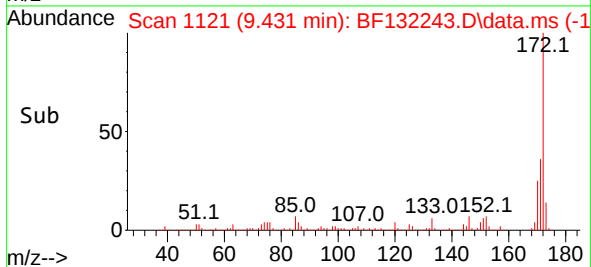
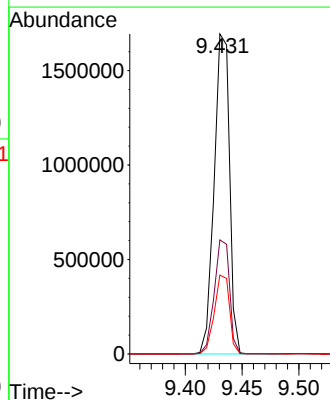
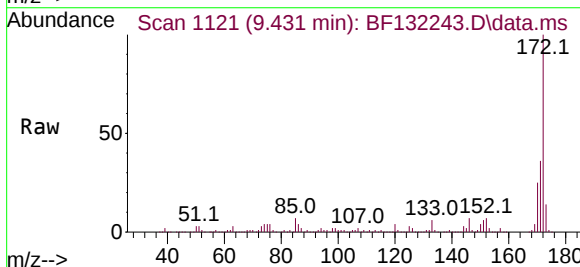
Tgt Ion:172 Resp: 1594722

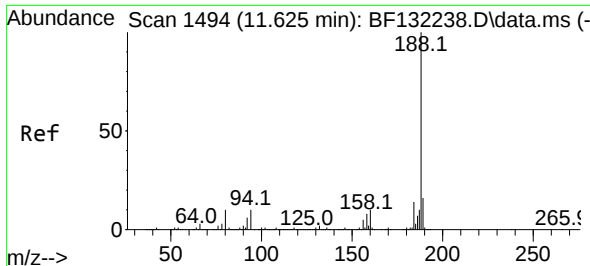
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.6 19.7 29.5

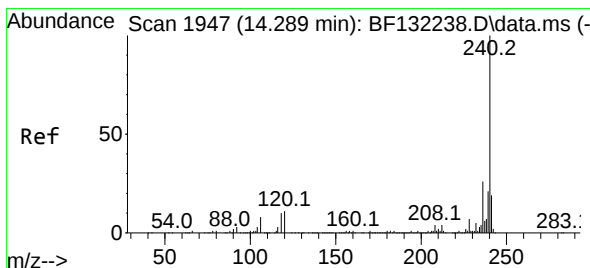
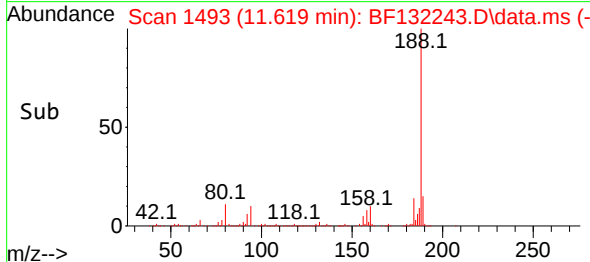
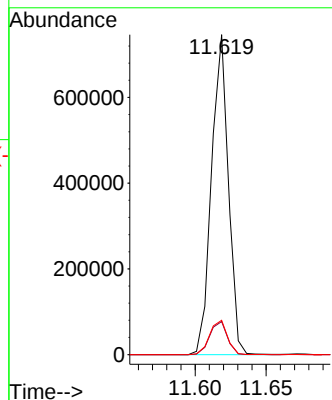
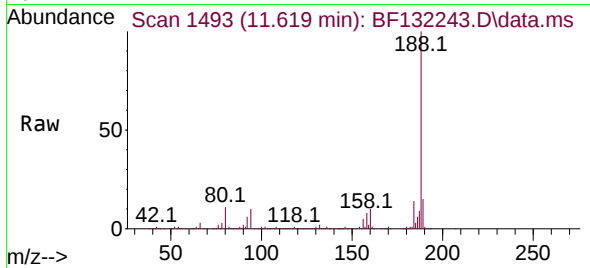




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132243.D
Acq: 31 Jan 2023 22:21

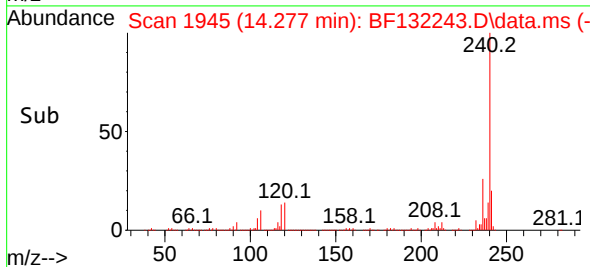
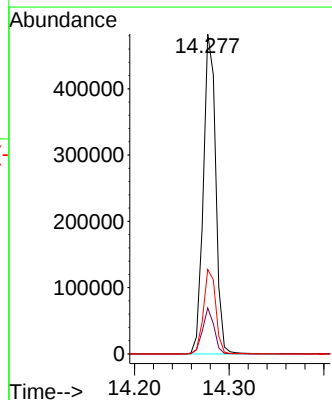
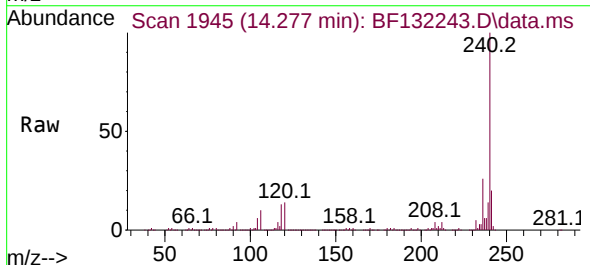
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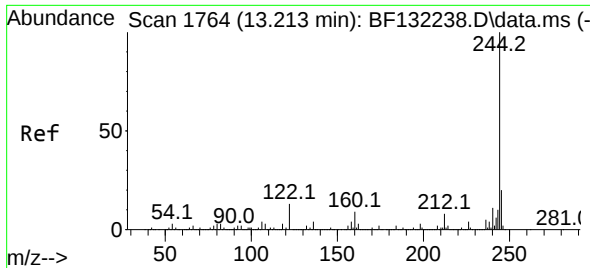
Tgt Ion:188 Resp: 617014
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.7 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132243.D
Acq: 31 Jan 2023 22:21

Tgt Ion:240 Resp: 438601
Ion Ratio Lower Upper
240 100
120 14.4 8.8 13.2#
236 26.4 21.0 31.6

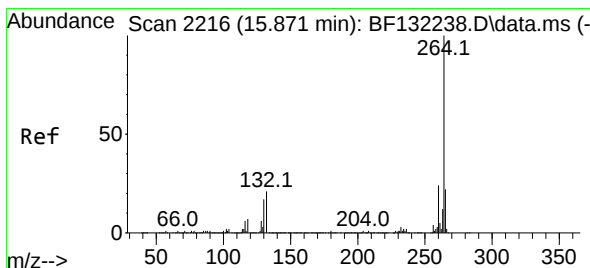
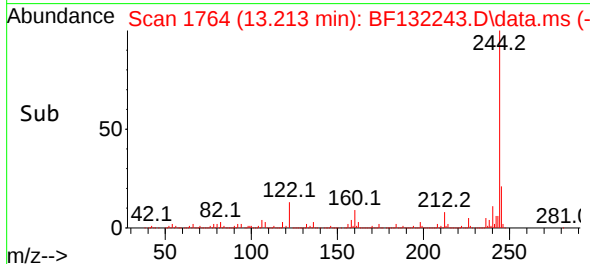
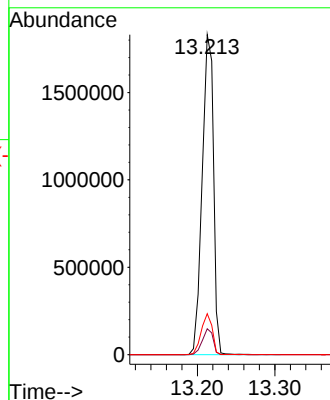
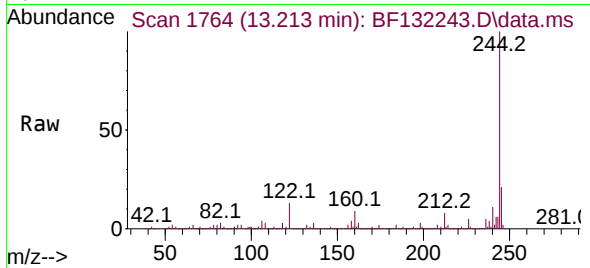




#79
 Terphenyl-d14
 Concen: 81.823 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132243.D
 Acq: 31 Jan 2023 22:21

Instrument :
 BNA_F
 ClientSampleId :
 PB150215BL

Tgt Ion:244 Resp: 1855221
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.8 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132243.D
 Acq: 31 Jan 2023 22:21

Tgt Ion:264 Resp: 427269
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.5 17.4 26.2

