

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132336.D
 Acq On : 06 Feb 2023 14:02
 Operator : CG\JU
 Sample : PB150684BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150684BL

Quant Time: Feb 07 04:07:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	200777	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	786536	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	408249	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	789365	20.000	ng	0.00
76) Chrysene-d12	14.260	240	562761	20.000	ng	0.00
86) Perylene-d12	15.836	264	480972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1433163	114.737	ng	0.02
7) Phenol-d6	6.672	99	1707283	110.867	ng	0.00
23) Nitrobenzene-d5	7.619	82	1027258	72.678	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	594235	141.543	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1916649	72.500	ng	0.00
79) Terphenyl-d14	13.201	244	2449764	84.207	ng	0.00

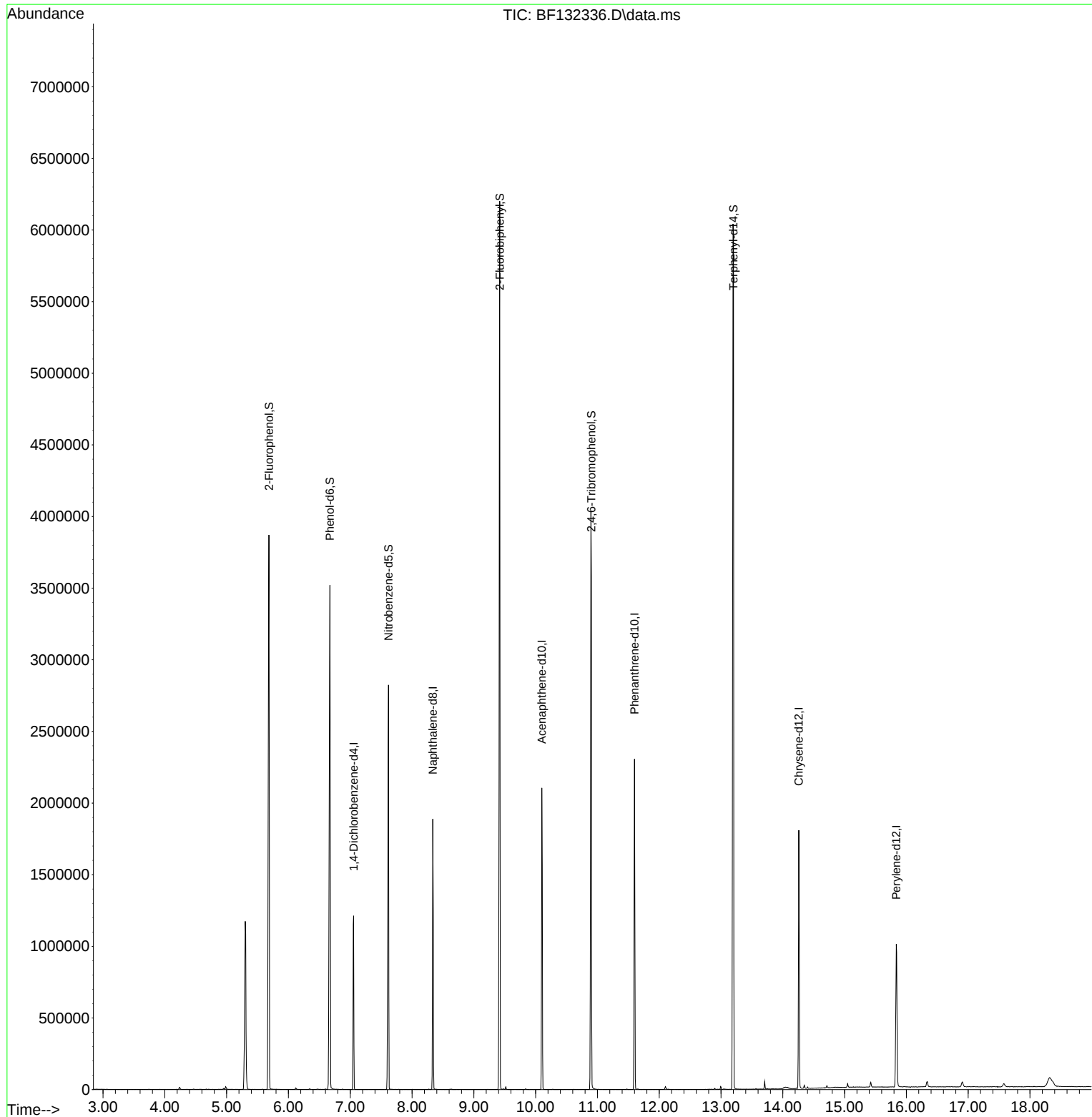
Target Compounds	Qvalue

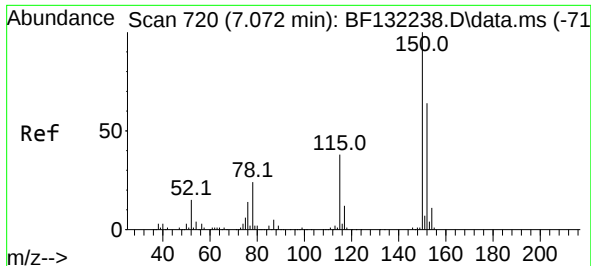
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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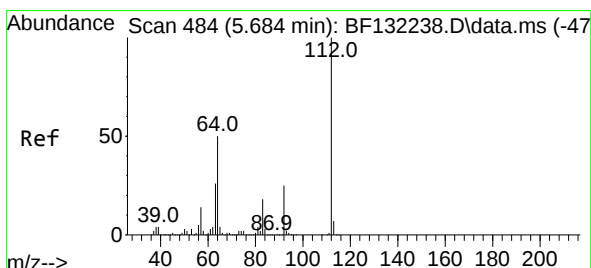
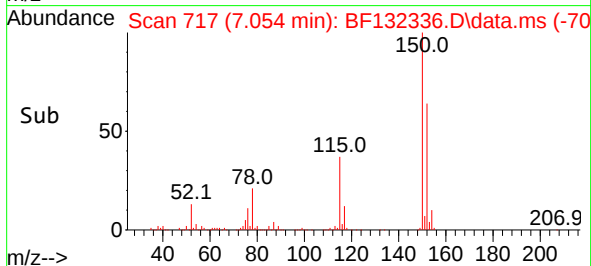
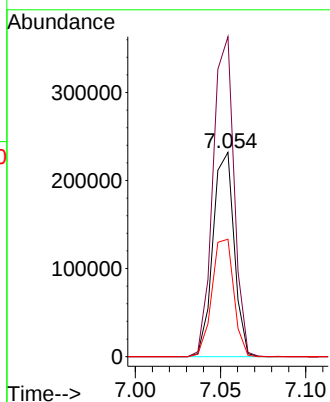
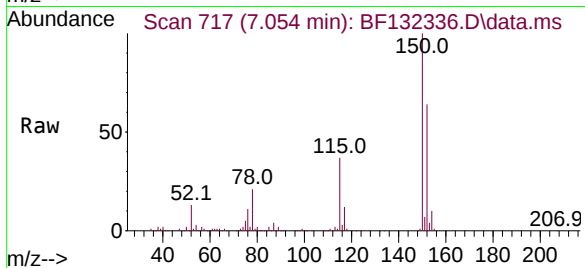




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.054 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

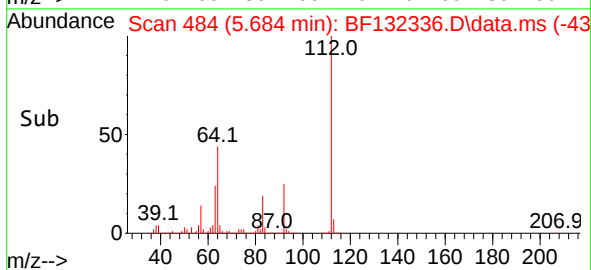
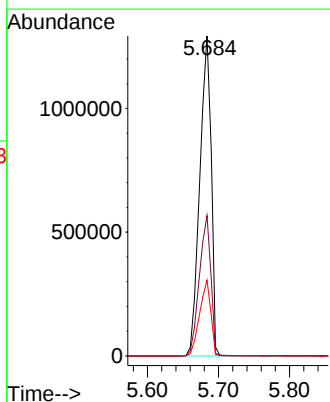
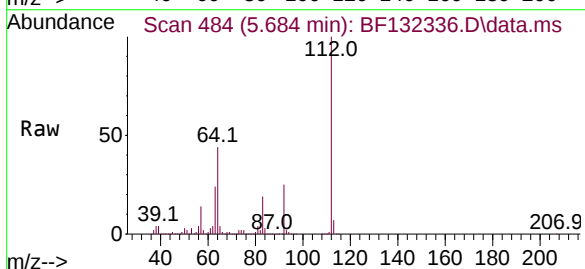
Instrument :
BNA_F
ClientSampleId :
PB150684BL

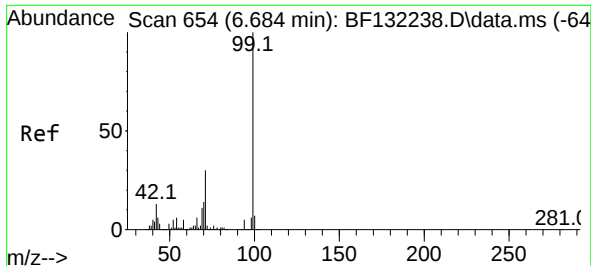
Tgt Ion:152 Resp: 200777
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 57.5 47.3 70.9



#5
2-Fluorophenol
Concen: 114.737 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion:112 Resp: 1433163
Ion Ratio Lower Upper
112 100
64 43.8 40.0 60.0
63 23.7 20.5 30.7



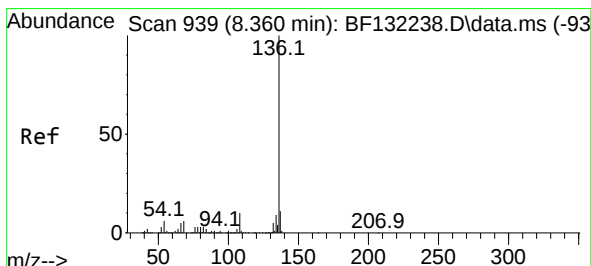
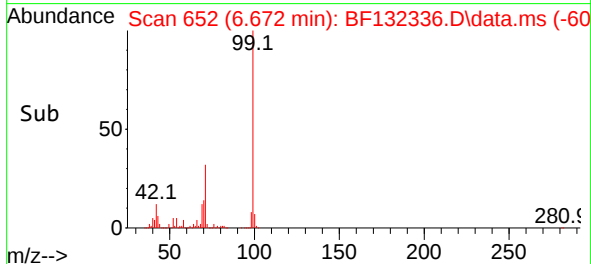
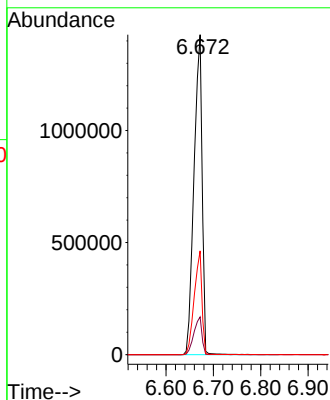
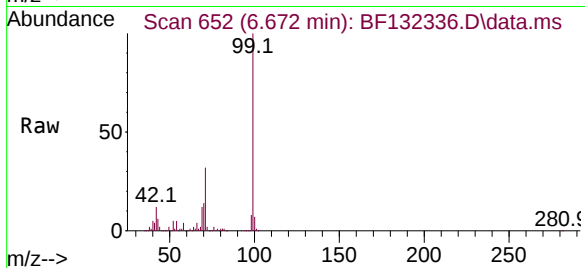


#7
Phenol-d6
Concen: 110.867 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Instrument :
BNA_F
ClientSampleId :
PB150684BL

Tgt Ion: 99 Resp: 1707283

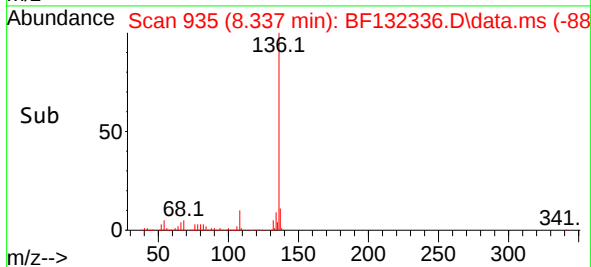
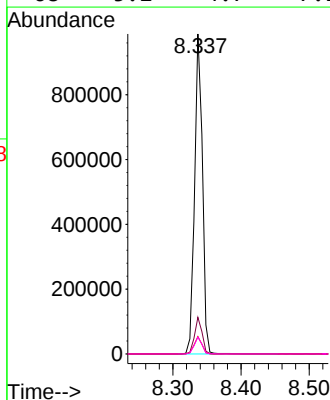
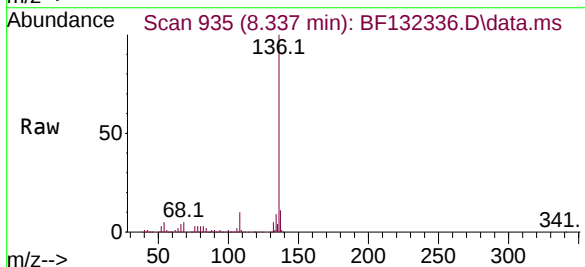
Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.1	15.1
71	32.4	24.2	36.4

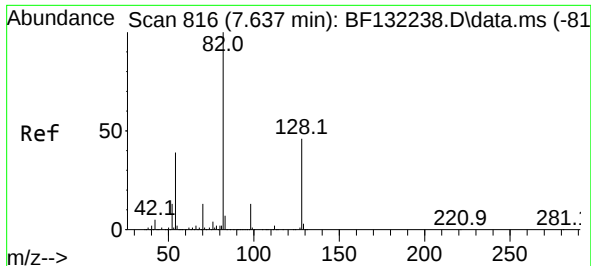


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.337 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion: 136 Resp: 786536

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.4	4.9	7.3
68	5.2	4.7	7.1

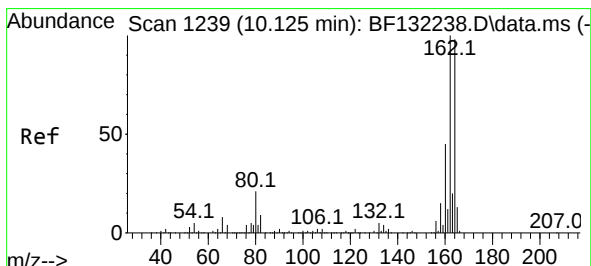
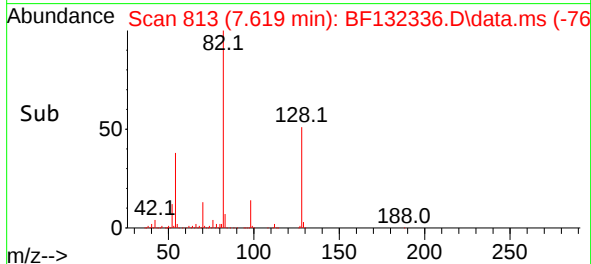
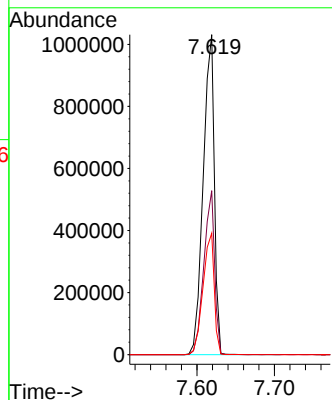
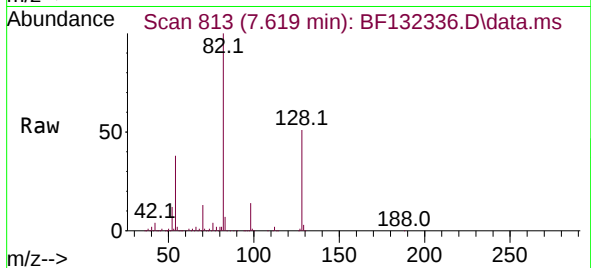




#23
Nitrobenzene-d5
Concen: 72.678 ng
RT: 7.619 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

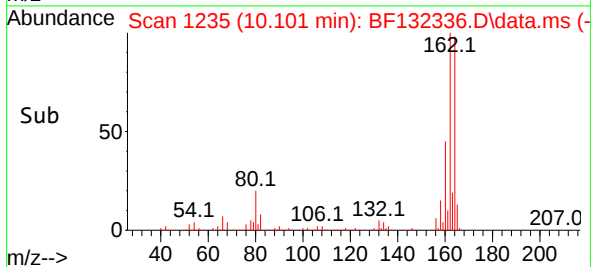
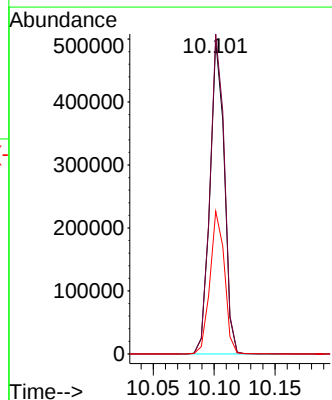
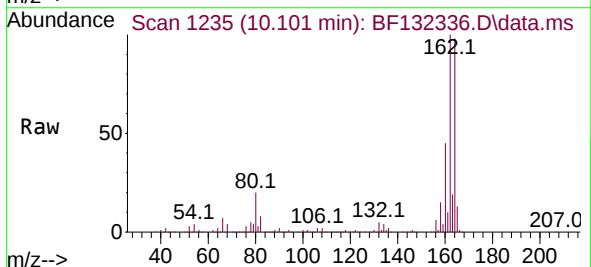
Instrument :
BNA_F
ClientSampleId :
PB150684BL

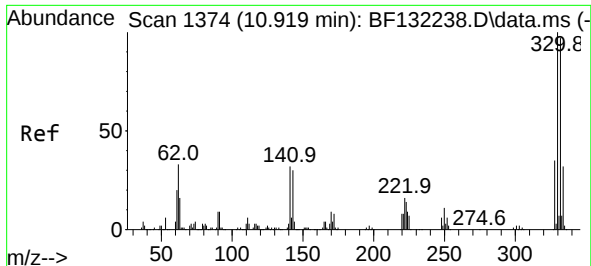
Tgt Ion: 82 Resp: 1027258
Ion Ratio Lower Upper
82 100
128 51.2 37.0 55.4
54 37.9 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion: 164 Resp: 408249
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 45.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 141.543 ng

RT: 10.901 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF132336.D

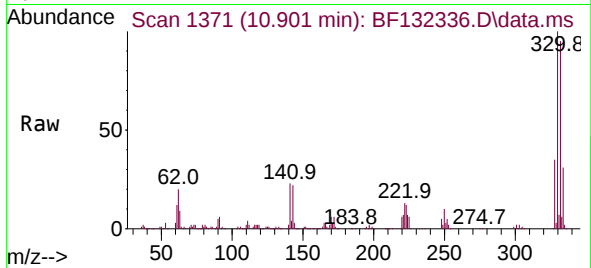
Acq: 06 Feb 2023 14:02

Instrument :

BNA_F

ClientSampleId :

PB150684BL



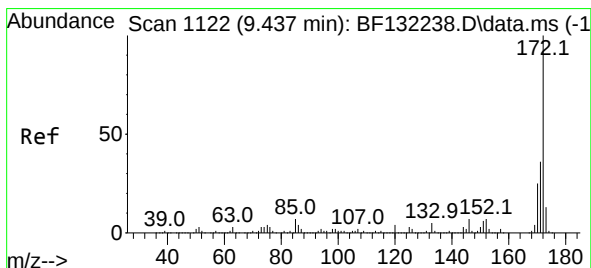
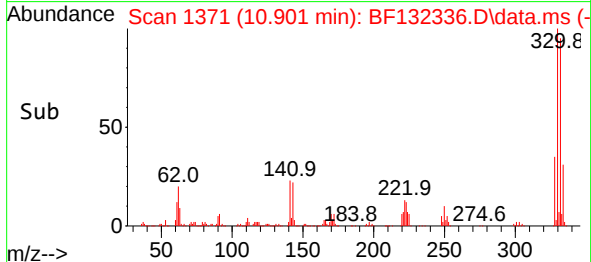
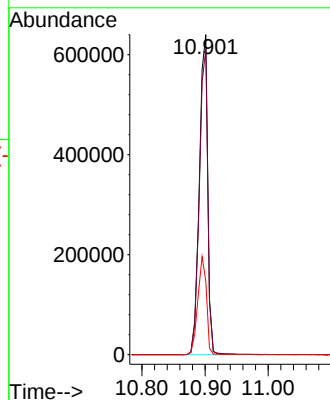
Tgt Ion:330 Resp: 594235

Ion Ratio Lower Upper

330 100

332 95.4 77.9 116.9

141 31.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 72.500 ng

RT: 9.419 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

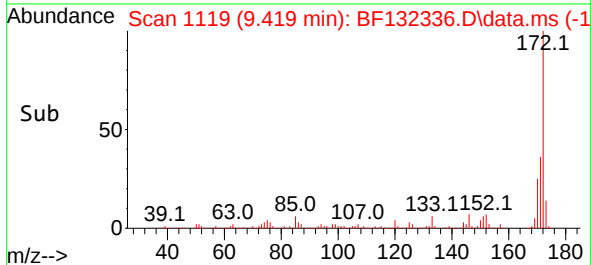
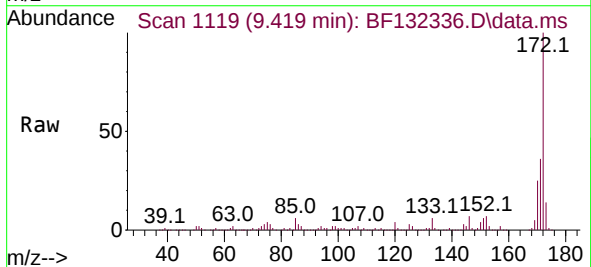
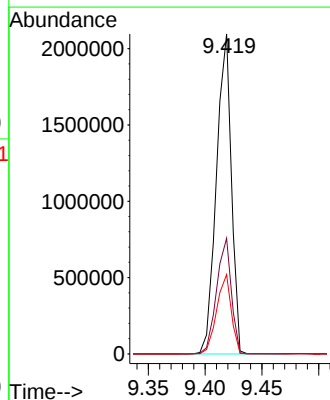
Tgt Ion:172 Resp: 1916649

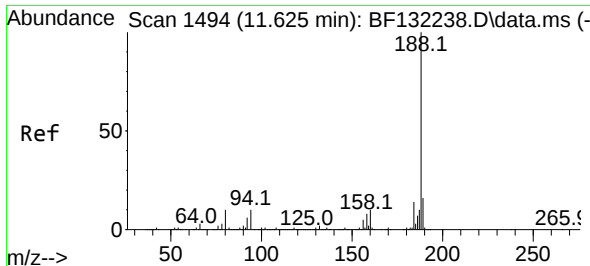
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.8 19.7 29.5

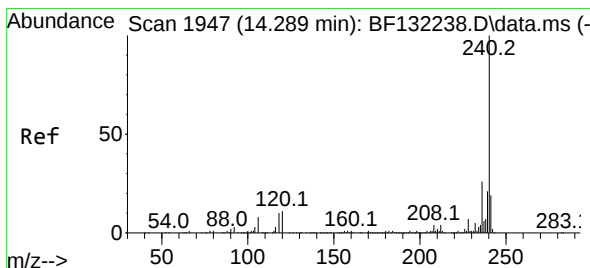
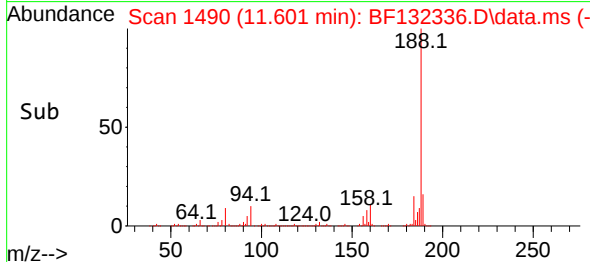
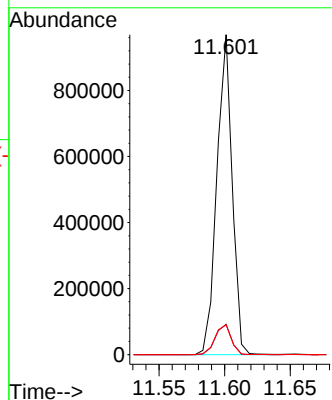
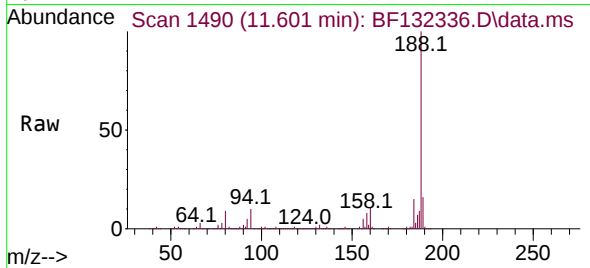




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

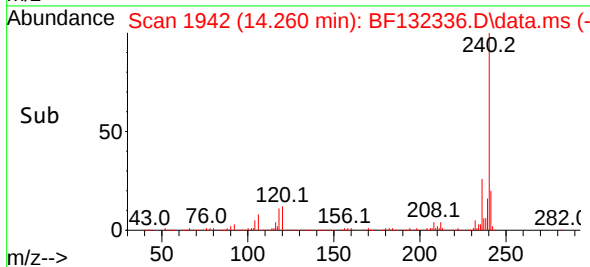
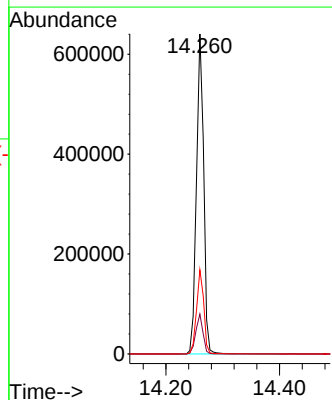
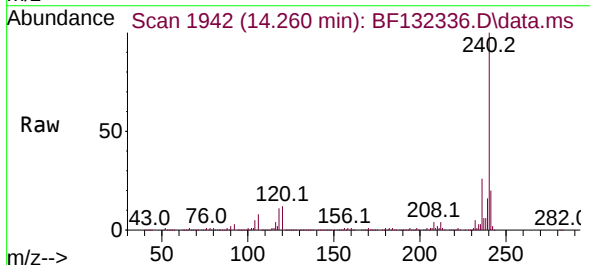
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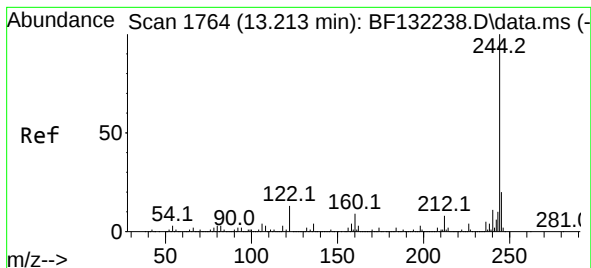
Tgt Ion:188 Resp: 789365
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132336.D
Acq: 06 Feb 2023 14:02

Tgt Ion:240 Resp: 562761
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 84.207 ng

RT: 13.201 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

Instrument :

BNA_F

ClientSampleId :

PB150684BL

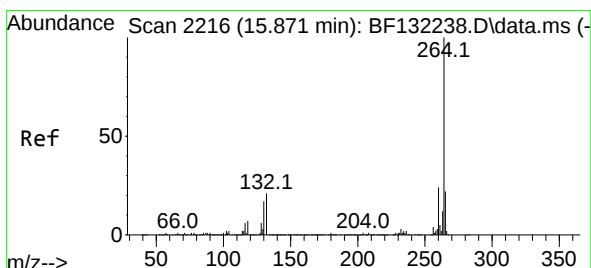
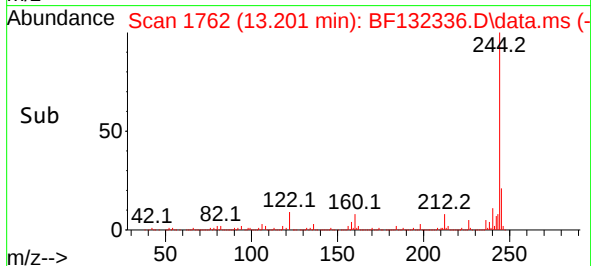
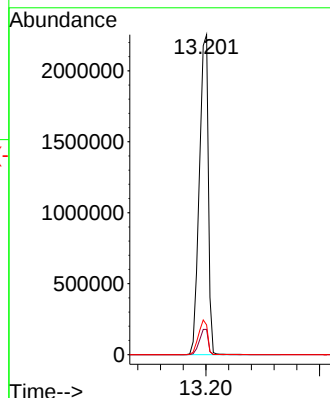
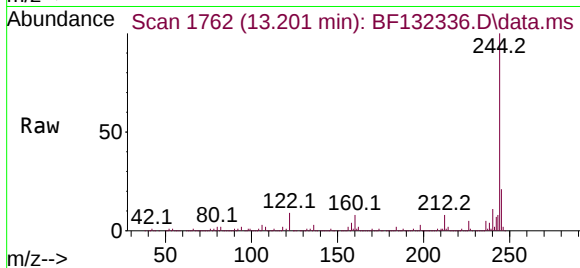
Tgt Ion:244 Resp: 2449764

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 9.3 10.5 15.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.836 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF132336.D

Acq: 06 Feb 2023 14:02

Tgt Ion:264 Resp: 480972

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.6 17.4 26.2

