

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132263.D
 Acq On : 01 Feb 2023 16:44
 Operator : CG\JU
 Sample : PB150609TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150609TB

Quant Time: Feb 02 00:55:04 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	204576	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	788441	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	389439	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	688204	20.000	ng	0.00
76) Chrysene-d12	14.277	240	448203	20.000	ng	-0.01
86) Perylene-d12	15.865	264	380888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.701	112	1540187	121.016	ng	0.02
7) Phenol-d6	6.684	99	1896463	120.865	ng	0.00
23) Nitrobenzene-d5	7.631	82	1172294	82.739	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	500620	125.004	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1910987	75.777	ng	0.00
79) Terphenyl-d14	13.213	244	2041187	88.096	ng	0.00

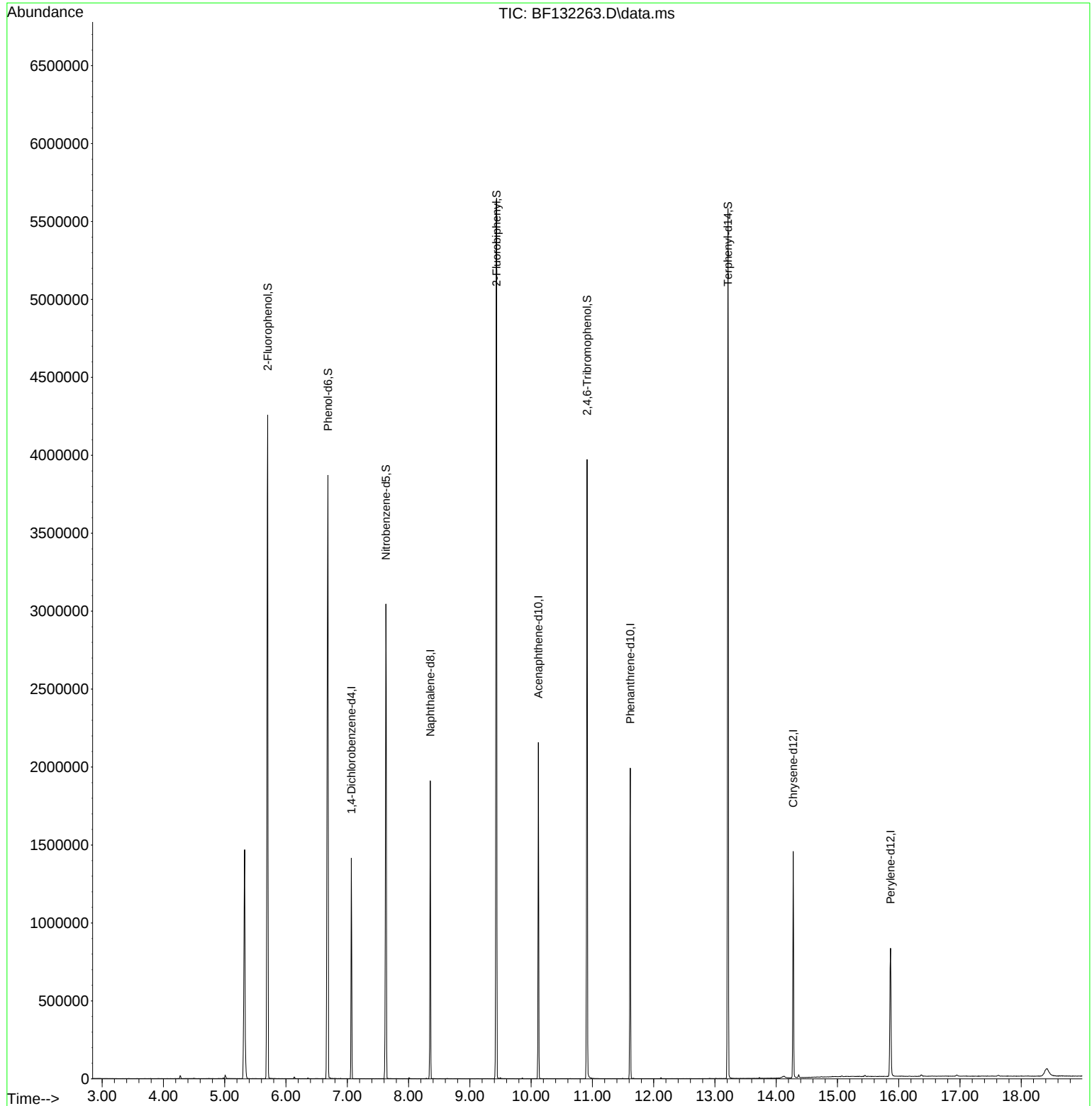
Target Compounds	Qvalue

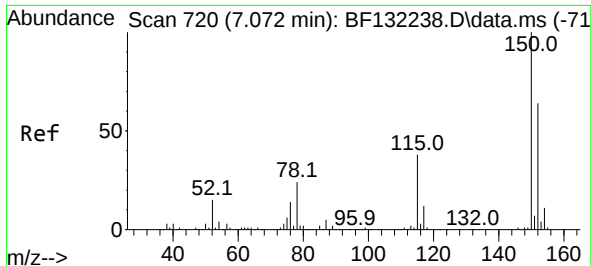
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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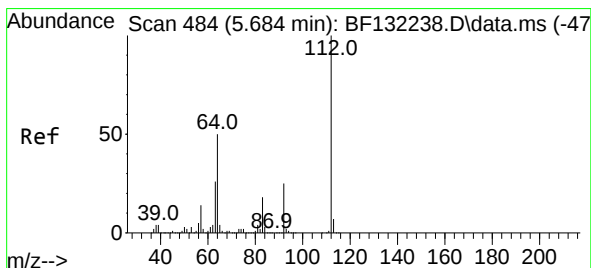
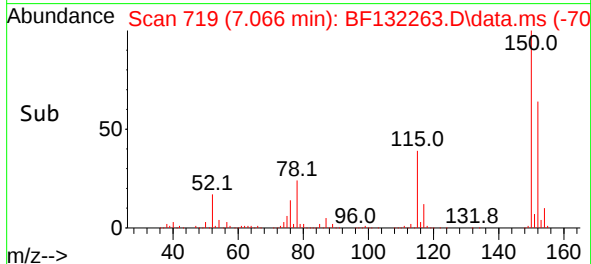
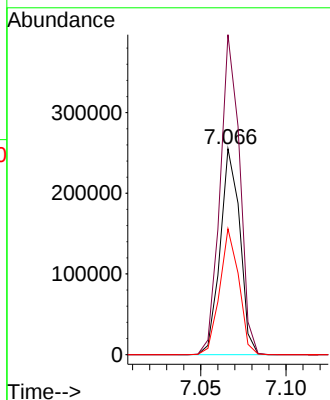
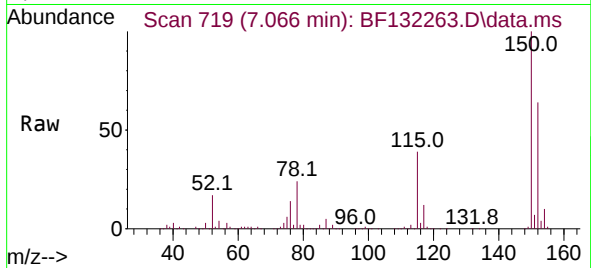




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

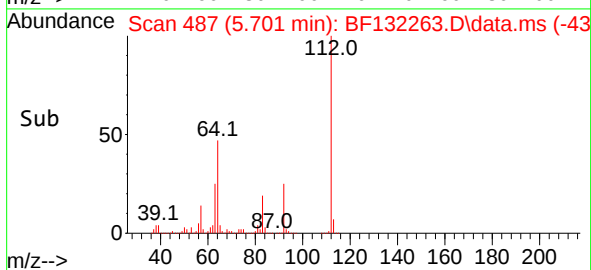
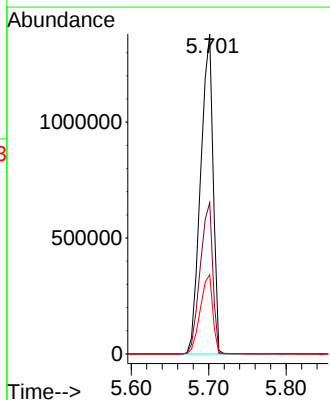
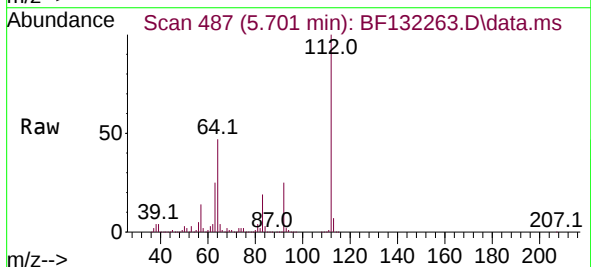
Instrument :
 BNA_F
 ClientSampleId :
 PB150609TB

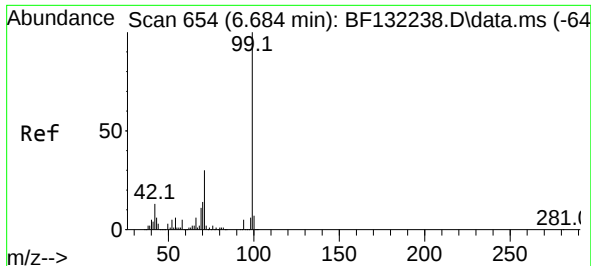
Tgt Ion:152 Resp: 204576
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.2 186.2
 115 61.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 121.016 ng
 RT: 5.701 min Scan# 487
 Delta R.T. 0.017 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

Tgt Ion:112 Resp: 1540187
 Ion Ratio Lower Upper
 112 100
 64 47.3 40.0 60.0
 63 24.7 20.5 30.7



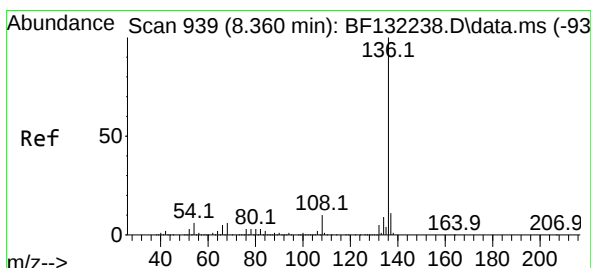
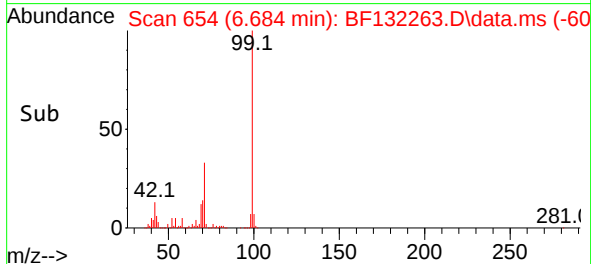
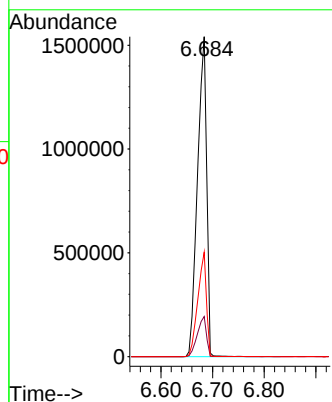
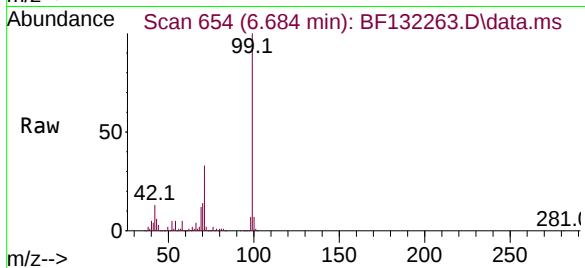


#7
Phenol-d6
Concen: 120.865 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Instrument :
BNA_F
ClientSampleId :
PB150609TB

Tgt Ion: 99 Resp: 1896463

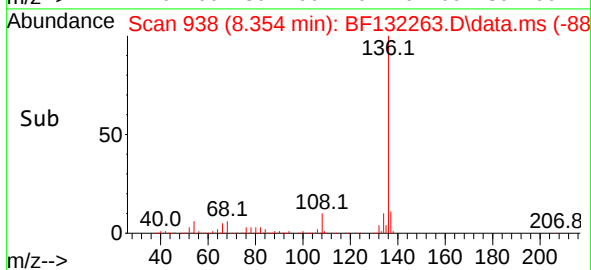
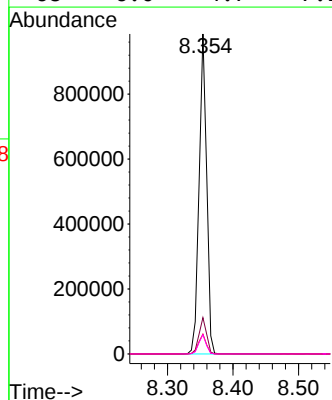
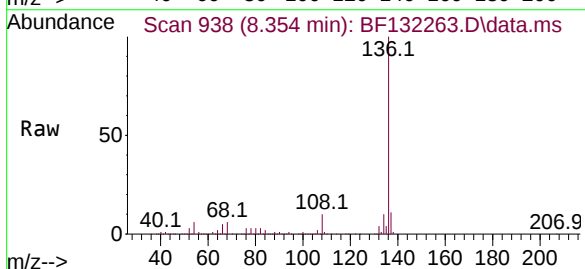
Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.1	15.1
71	32.6	24.2	36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion: 136 Resp: 788441

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.2	4.9	7.3
68	6.0	4.7	7.1

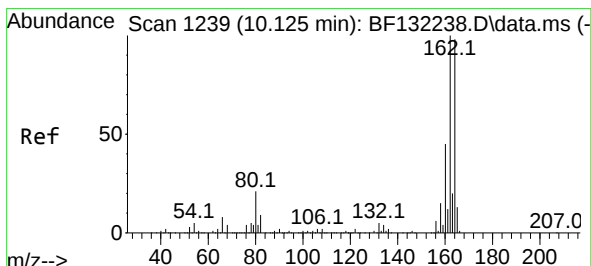
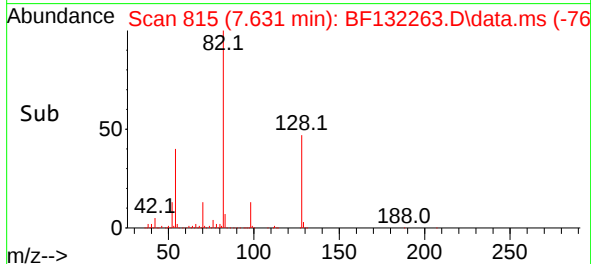
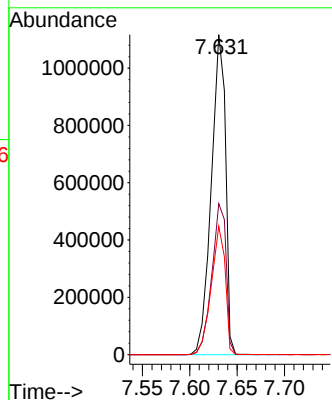
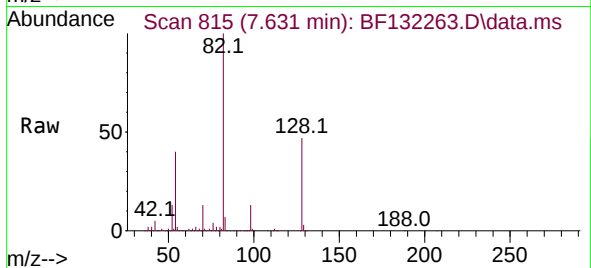




#23
Nitrobenzene-d5
Concen: 82.739 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

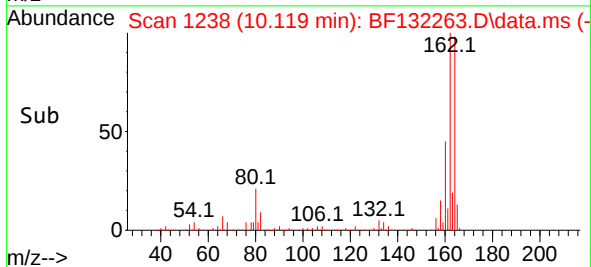
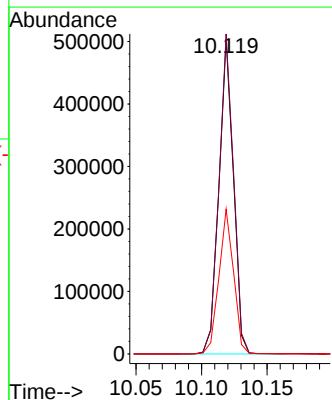
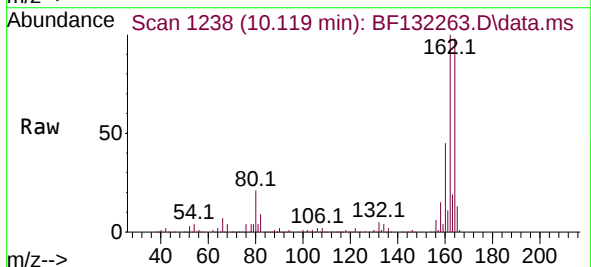
Instrument :
BNA_F
ClientSampleId :
PB150609TB

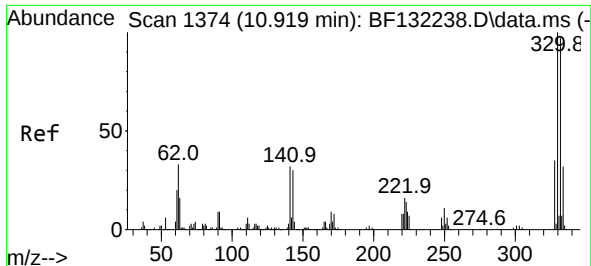
Tgt Ion: 82 Resp: 1172294
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.4
54 40.1 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion:164 Resp: 389439
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 46.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 125.004 ng

RT: 10.913 min Scan# 1374

Delta R.T. -0.006 min

Lab File: BF132263.D

Acq: 01 Feb 2023 16:44

Instrument :

BNA_F

ClientSampleId :

PB150609TB

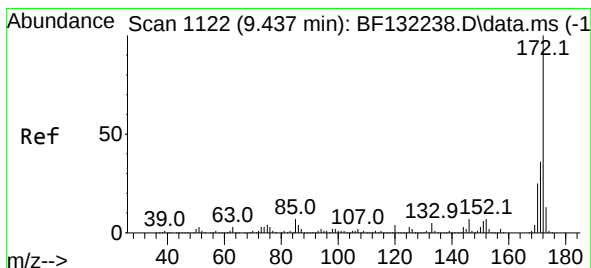
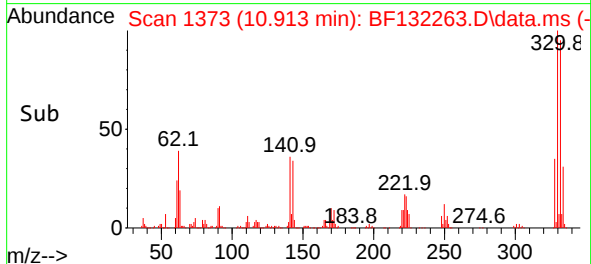
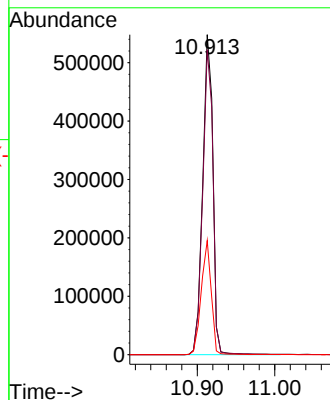
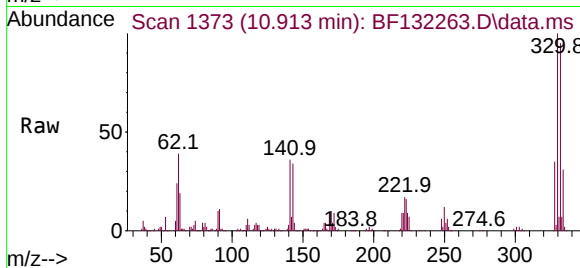
Tgt Ion:330 Resp: 500620

Ion Ratio Lower Upper

330 100

332 96.3 77.9 116.9

141 35.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 75.777 ng

RT: 9.436 min Scan# 1122

Delta R.T. -0.001 min

Lab File: BF132263.D

Acq: 01 Feb 2023 16:44

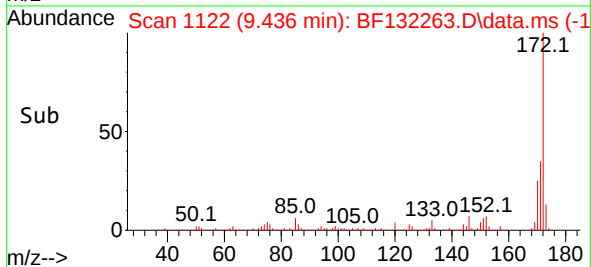
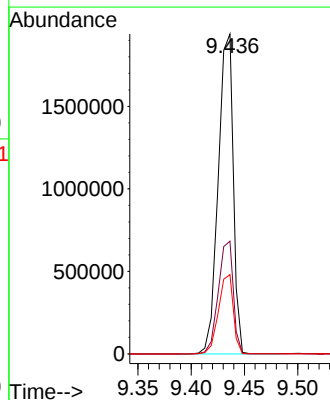
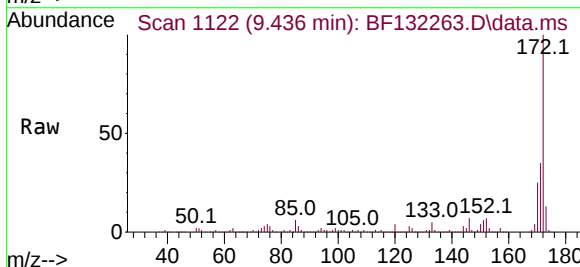
Tgt Ion:172 Resp: 1910987

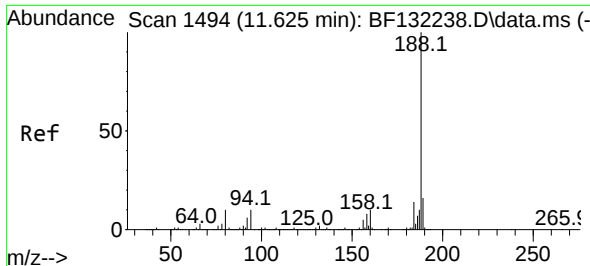
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.8 19.7 29.5

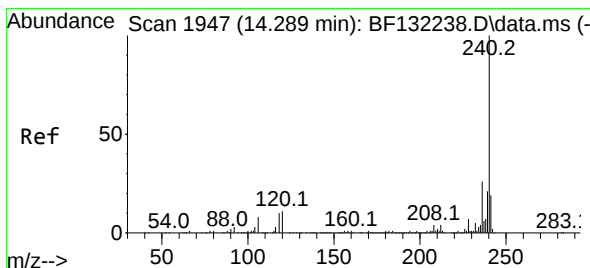
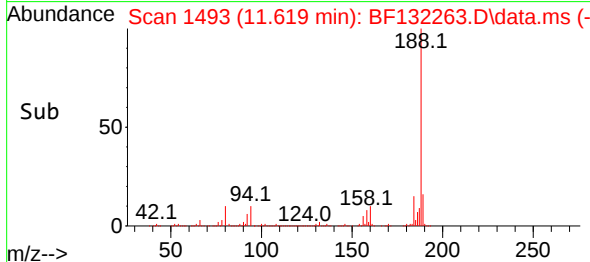
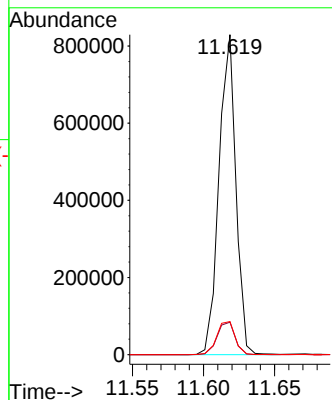
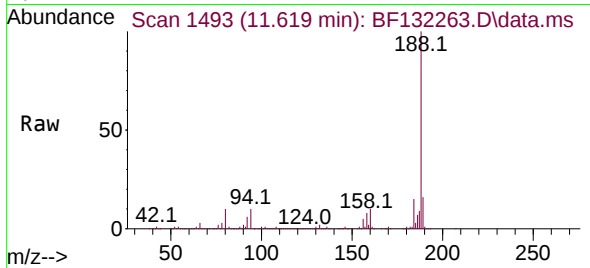




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

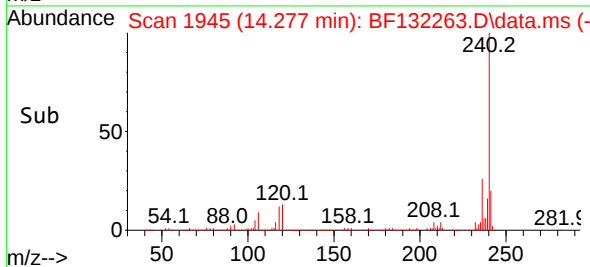
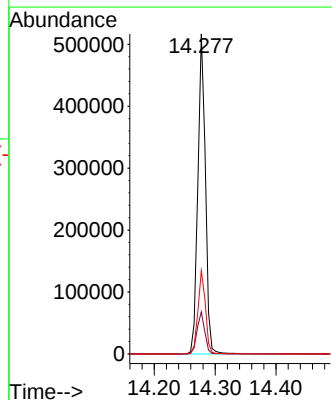
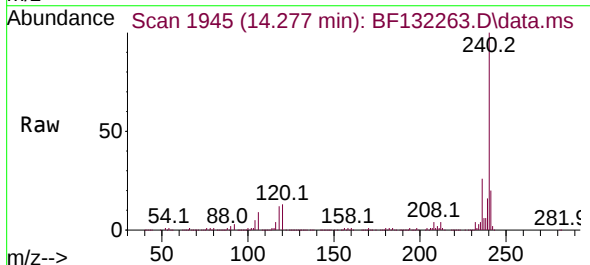
Instrument :
BNA_F
ClientSampleId :
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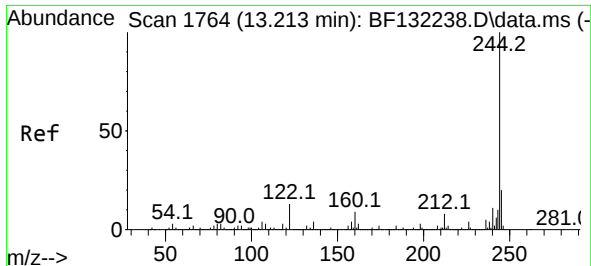
Tgt Ion:188 Resp: 688204
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132263.D
Acq: 01 Feb 2023 16:44

Tgt Ion:240 Resp: 448203
Ion Ratio Lower Upper
240 100
120 13.1 8.8 13.2
236 26.0 21.0 31.6

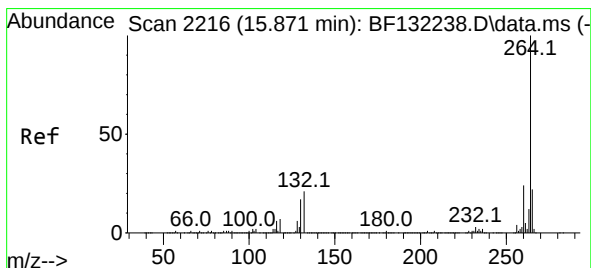
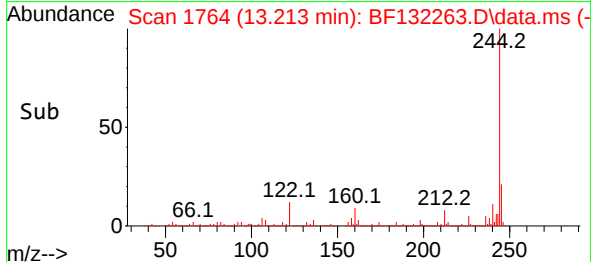
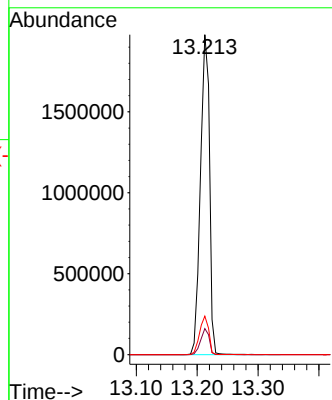
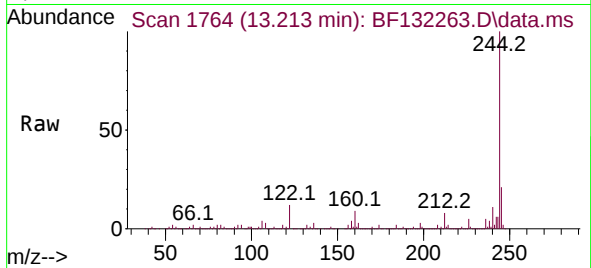




#79
 Terphenyl-d14
 Concen: 88.096 ng
 RT: 13.213 min Scan# 1764
 Delta R.T. -0.000 min
 Lab File: BF132263.D
 Acq: 01 Feb 2023 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB150609TB

Tgt Ion:244 Resp: 2041187
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.0 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: BF132263.D
 Acq: 01 Feb 2023 16:44

Tgt Ion:264 Resp: 380888
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 21.7 17.4 26.2

