

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
 Data File : BF132539.D
 Acq On : 24 Feb 2023 12:59
 Operator : CG\JU
 Sample : PB151058BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151058BL

Quant Time: Feb 24 13:24:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.001	152	180910	20.000	ng	-0.01
21) Naphthalene-d8	8.289	136	671868	20.000	ng	-0.01
39) Acenaphthene-d10	10.048	164	371632	20.000	ng	-0.01
64) Phenanthrene-d10	11.548	188	737528	20.000	ng	0.00
76) Chrysene-d12	14.201	240	562761	20.000	ng	-0.02
86) Perylene-d12	15.754	264	511956	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	1387058	124.435	ng	0.00
7) Phenol-d6	6.631	99	1797576	123.565	ng	-0.01
23) Nitrobenzene-d5	7.572	82	1228760	86.770	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	537244	133.860	ng	-0.01
45) 2-Fluorobiphenyl	9.366	172	1955868	80.136	ng	-0.01
79) Terphenyl-d14	13.142	244	2533426	76.114	ng	0.00

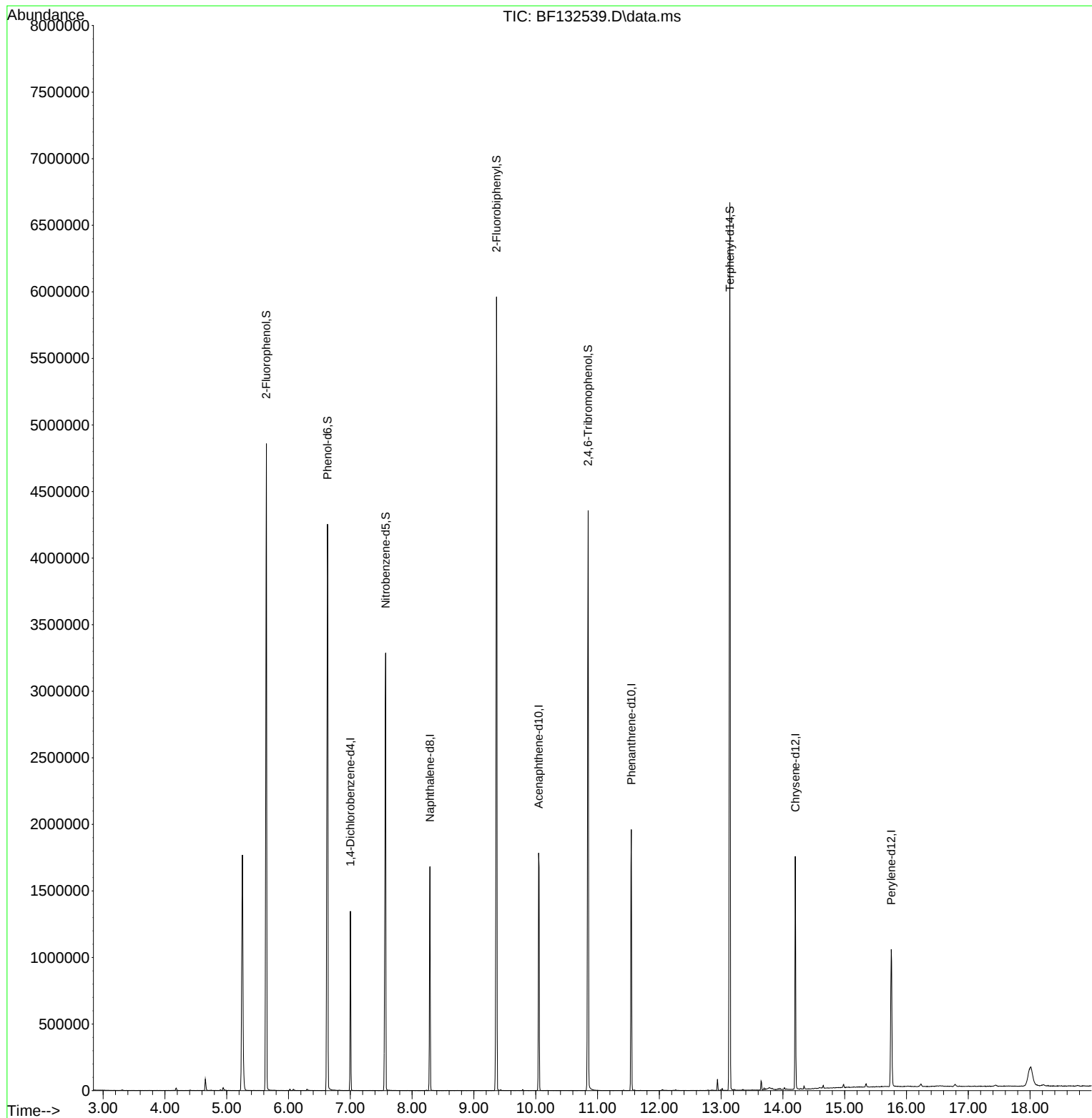
Target Compounds Qvalue

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

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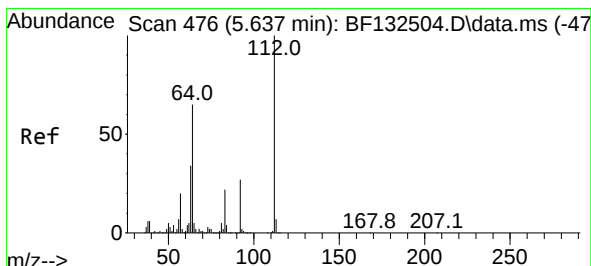
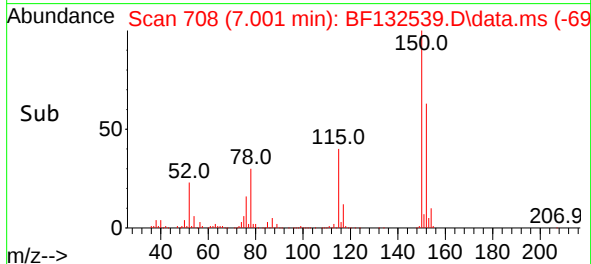
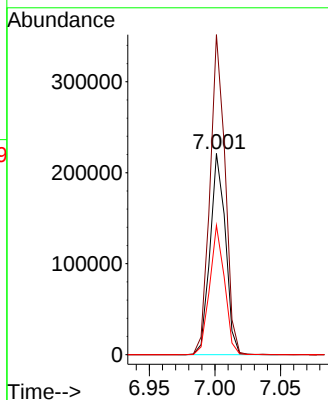
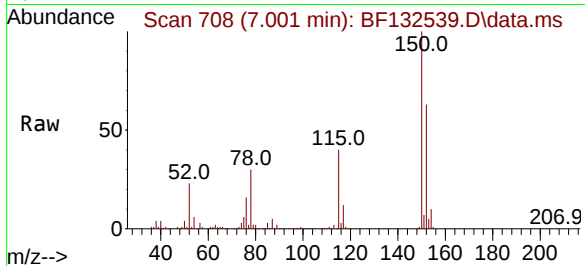




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.001 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF132539.D
Acq: 24 Feb 2023 12:59

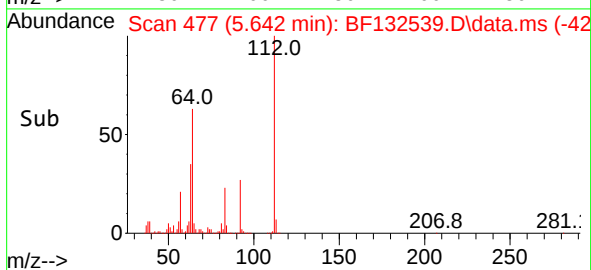
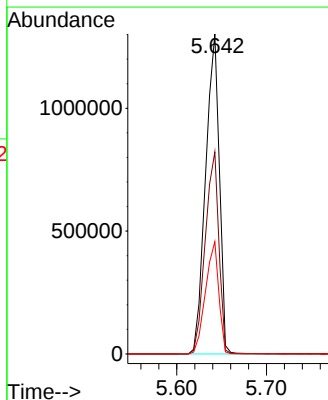
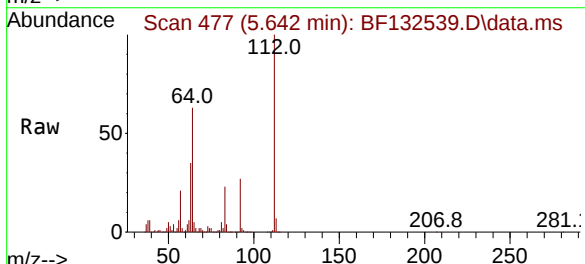
Instrument :
BNA_F
ClientSampleId :
PB151058BL

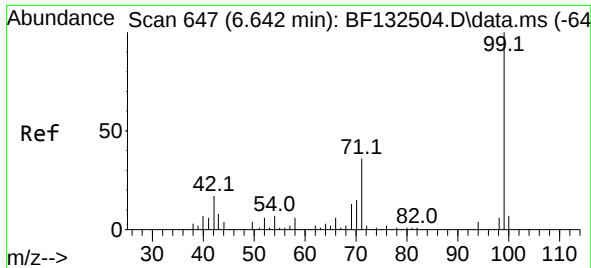
Tgt Ion:152 Resp: 180910
Ion Ratio Lower Upper
152 100
150 159.1 125.4 188.2
115 64.3 47.8 71.6



#5
2-Fluorophenol
Concen: 124.435 ng
RT: 5.642 min Scan# 477
Delta R.T. 0.006 min
Lab File: BF132539.D
Acq: 24 Feb 2023 12:59

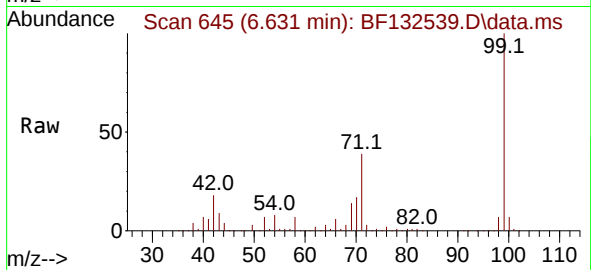
Tgt Ion:112 Resp: 1387058
Ion Ratio Lower Upper
112 100
64 63.1 51.6 77.4
63 35.1 27.4 41.2





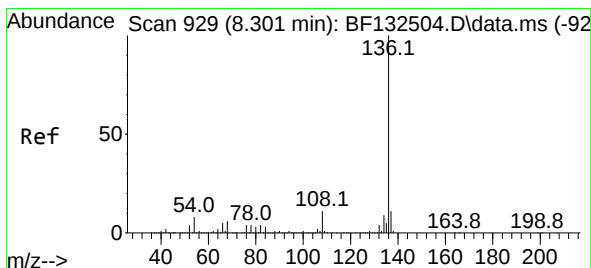
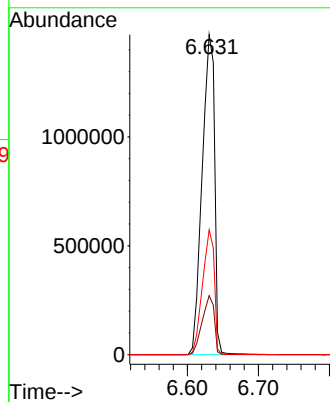
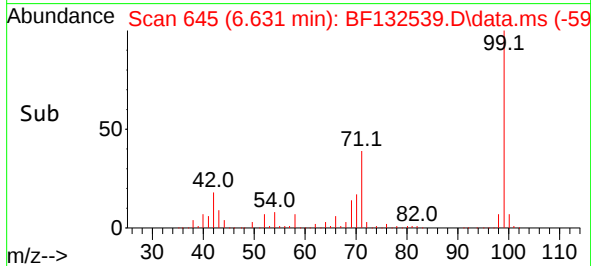
#7
Phenol-d6
Concen: 123.565 ng
RT: 6.631 min Scan# 64
Delta R.T. -0.012 min
Lab File: BF132539.D
Acq: 24 Feb 2023 12:59

Instrument :
BNA_F
ClientSampleId :
PB151058BL

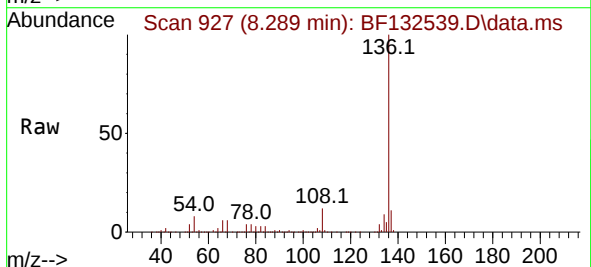


Tgt Ion: 99 Resp: 1797576

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.9	20.9
71	39.0	28.5	42.7

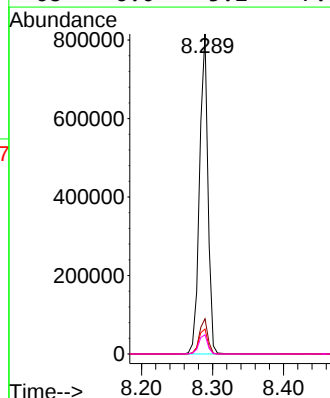
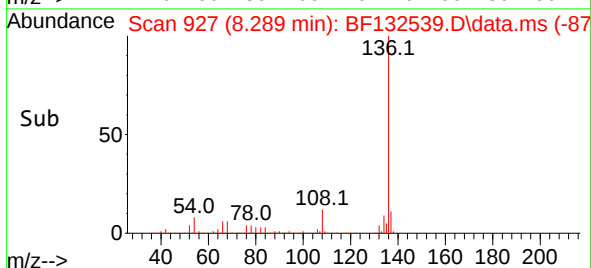


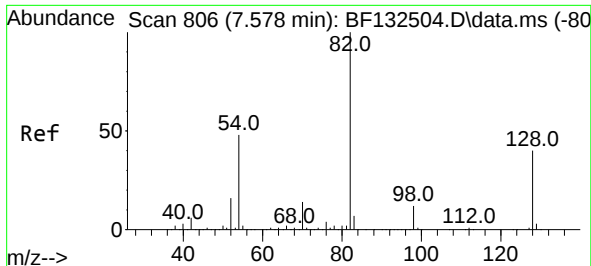
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.289 min Scan# 927
Delta R.T. -0.012 min
Lab File: BF132539.D
Acq: 24 Feb 2023 12:59



Tgt Ion: 136 Resp: 671868

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.8	6.2	9.4
68	6.0	5.2	7.8





#23

Nitrobenzene-d5

Concen: 86.770 ng

RT: 7.572 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF132539.D

Acq: 24 Feb 2023 12:59

Instrument :

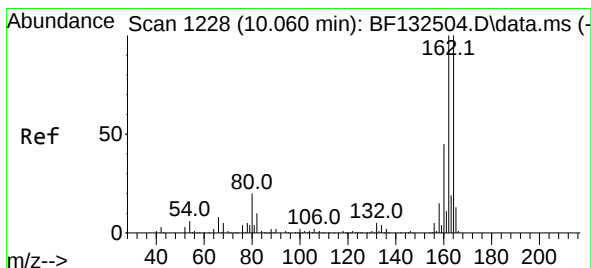
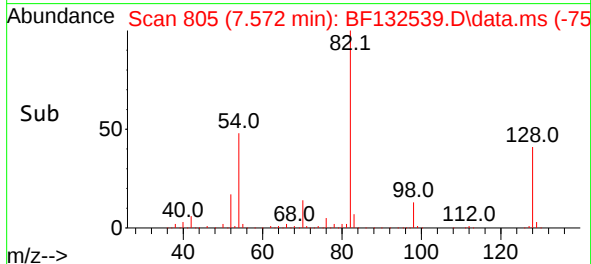
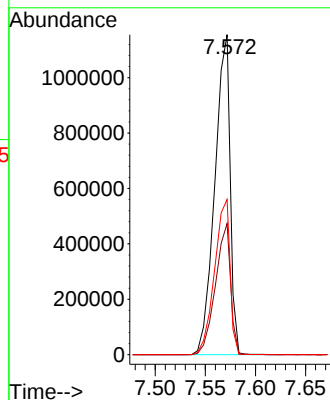
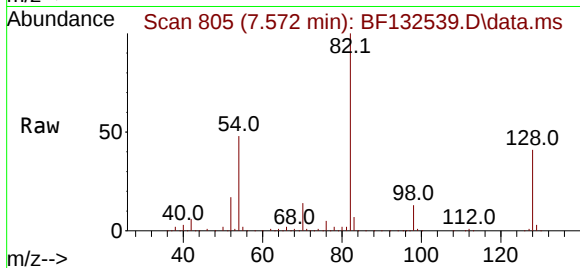
BNA_F

ClientSampleId :

PB151058BL

Tgt Ion: 82 Resp: 1228760

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.2	48.2
54	48.5	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.048 min Scan# 1226

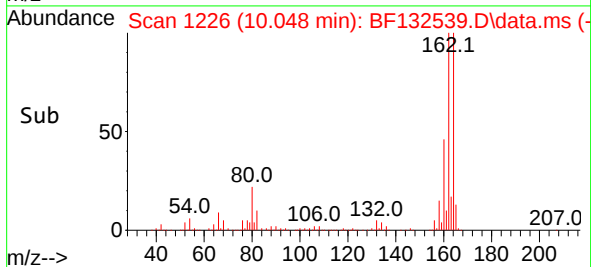
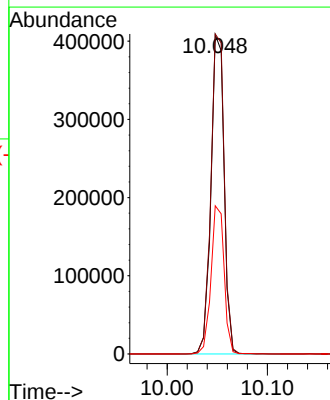
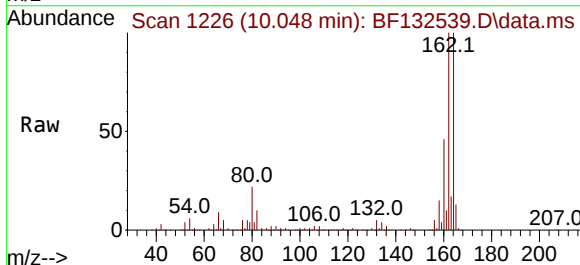
Delta R.T. -0.012 min

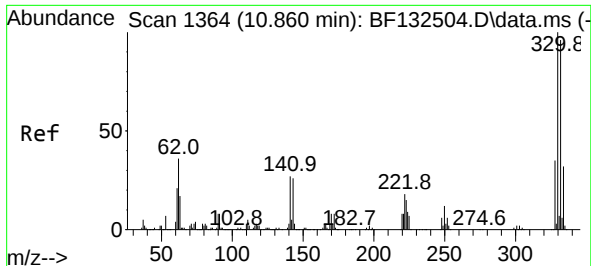
Lab File: BF132539.D

Acq: 24 Feb 2023 12:59

Tgt Ion: 164 Resp: 371632

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.8	119.8
160	46.4	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 133.860 ng

RT: 10.848 min Scan# 1110

Delta R.T. -0.012 min

Lab File: BF132539.D

Acq: 24 Feb 2023 12:59

Instrument :

BNA_F

ClientSampleId :

PB151058BL

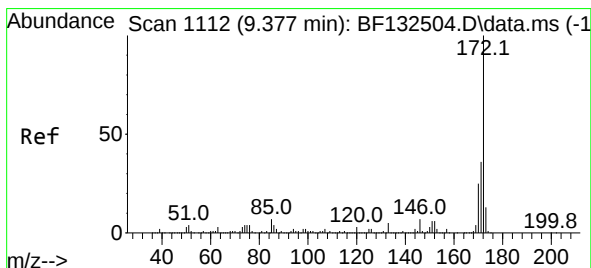
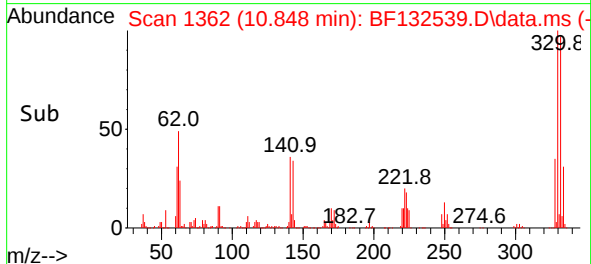
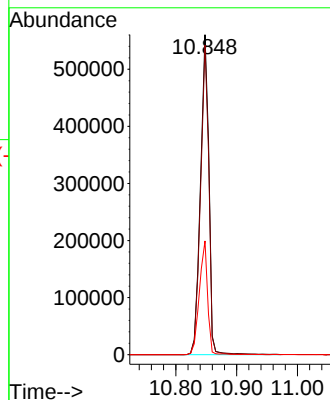
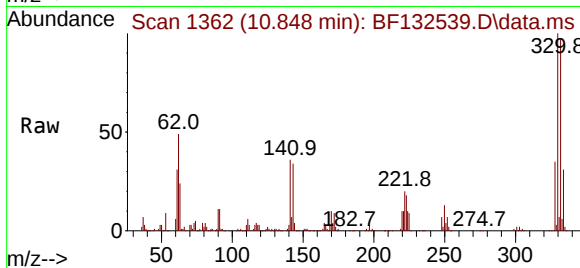
Tgt Ion:330 Resp: 537244

Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 35.0 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 80.136 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.011 min

Lab File: BF132539.D

Acq: 24 Feb 2023 12:59

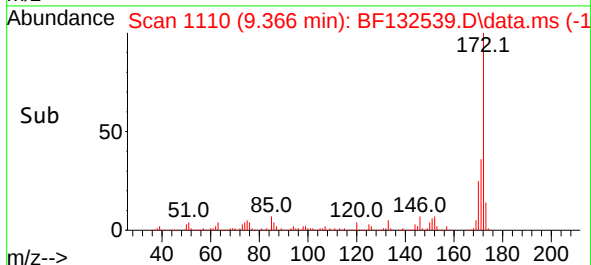
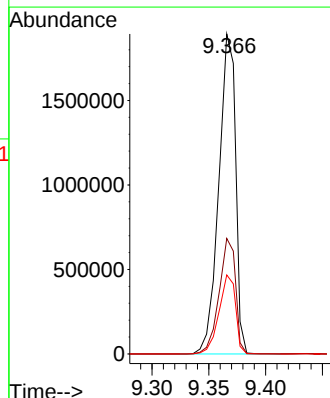
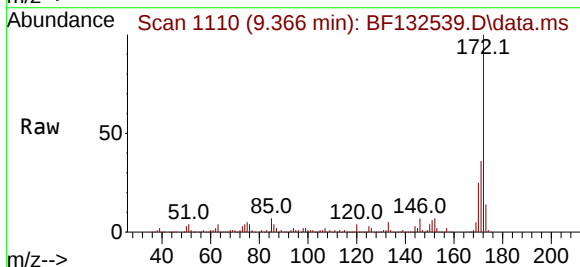
Tgt Ion:172 Resp: 1955868

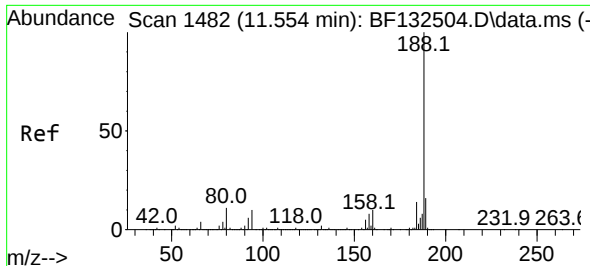
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.7 19.7 29.5

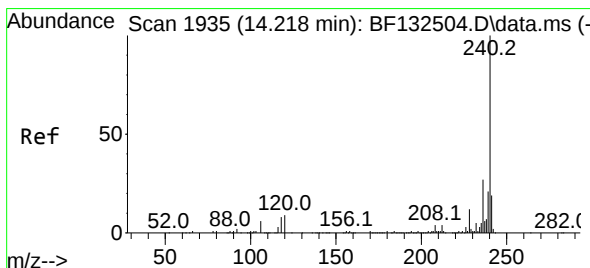
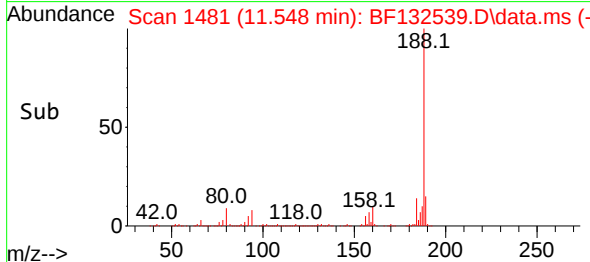
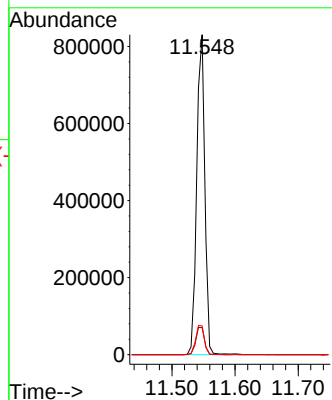
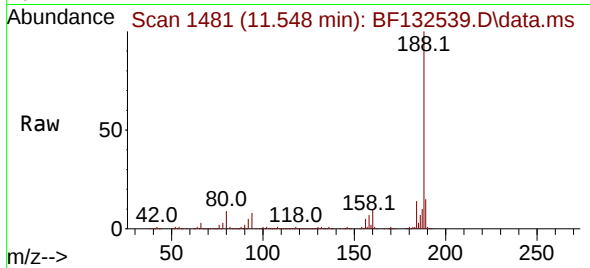




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132539.D
Acq: 24 Feb 2023 12:59

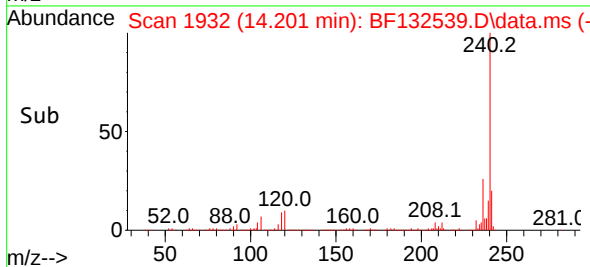
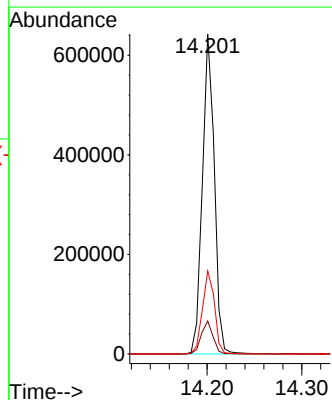
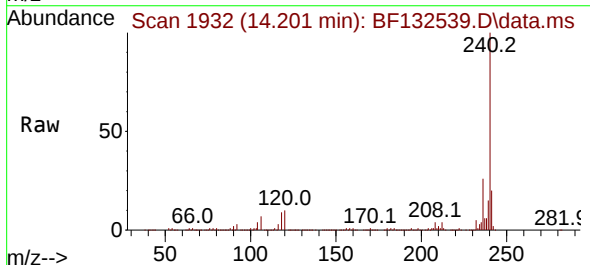
Instrument :
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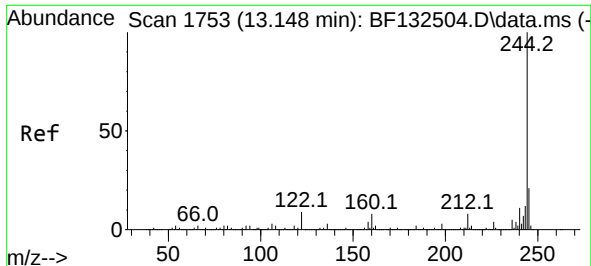
Tgt Ion:188 Resp: 737528
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 9.0 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.018 min
Lab File: BF132539.D
Acq: 24 Feb 2023 12:59

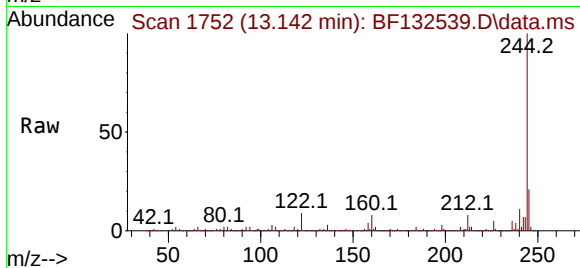
Tgt Ion:240 Resp: 562761
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.0 21.8 32.6



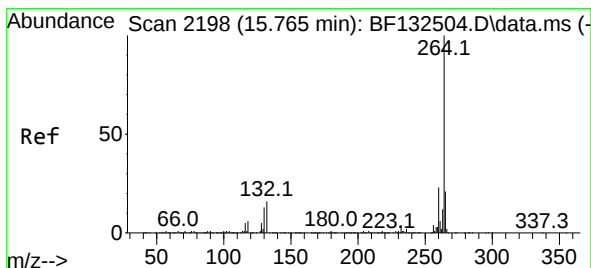
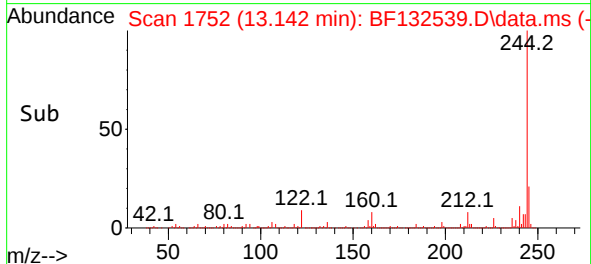
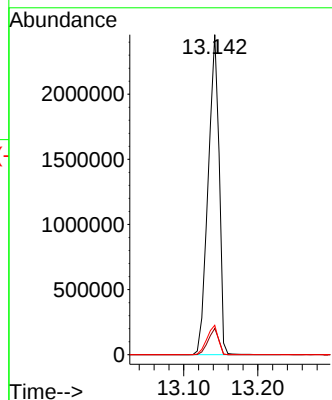


#79
 Terphenyl-d14
 Concen: 76.114 ng
 RT: 13.142 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132539.D
 Acq: 24 Feb 2023 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB151058BL



Tgt Ion:244 Resp: 2533426
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.754 min Scan# 2196
 Delta R.T. -0.012 min
 Lab File: BF132539.D
 Acq: 24 Feb 2023 12:59

Tgt Ion:264 Resp: 511956
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.7 17.1 25.7

