

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133552.D
 Acq On : 31 May 2023 22:06
 Operator : CG\JU
 Sample : 02971-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC16

Quant Time: Jun 01 02:05:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	132846	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	506134	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	246396	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	492055	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	332755	20.000	ng	-0.01
86) Perylene-d12	15.451	264	288866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	694121	87.177	ng	0.00
7) Phenol-d6	6.451	99	860921	87.835	ng	-0.01
23) Nitrobenzene-d5	7.392	82	533335	70.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	224644	91.463	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	990169	62.025	ng	0.00
79) Terphenyl-d14	12.945	244	1133602	60.571	ng	0.00

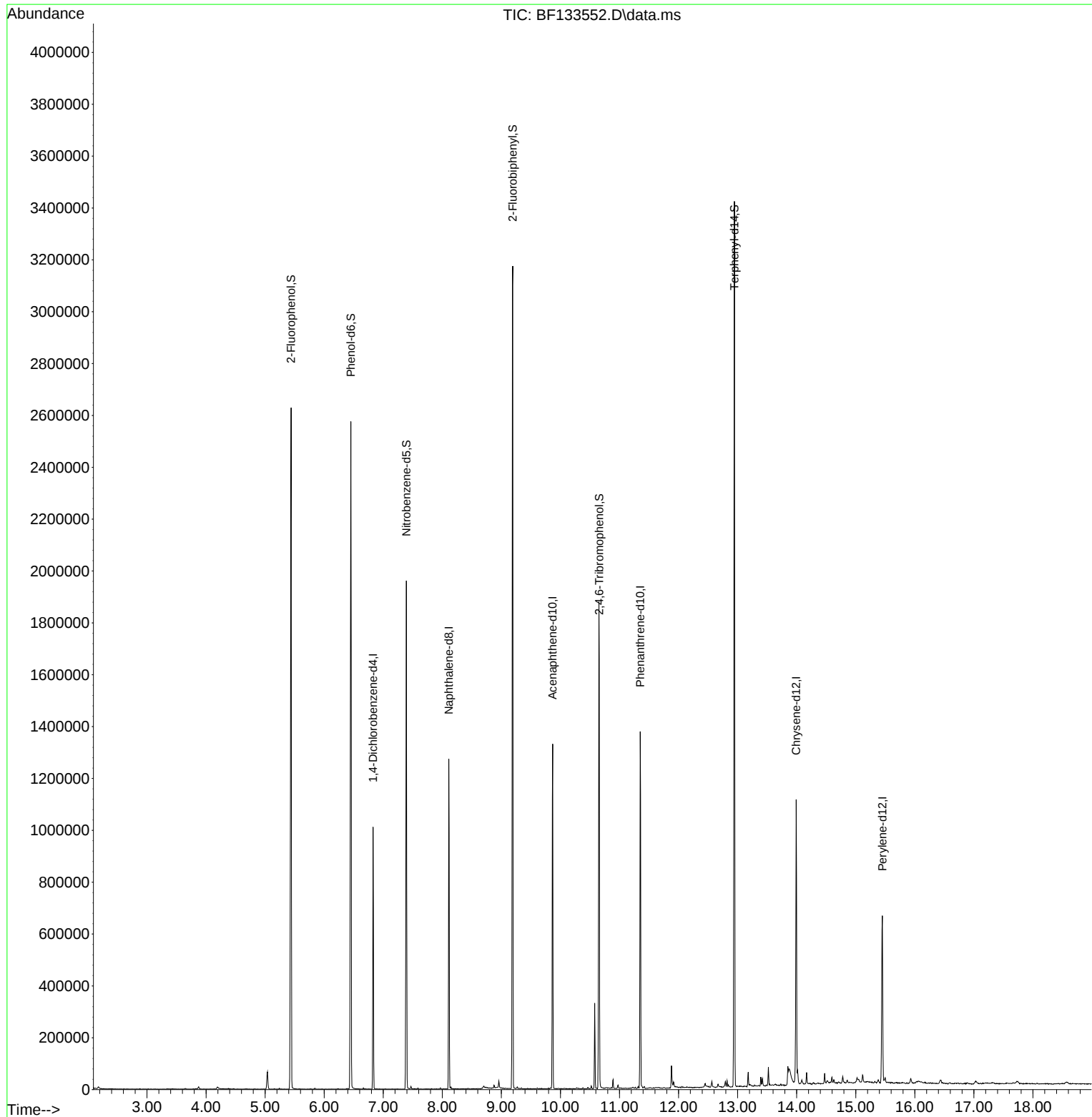
Target Compounds	Qvalue

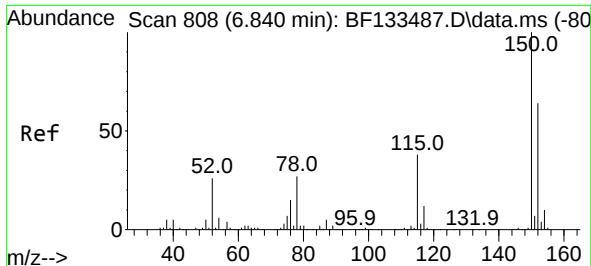
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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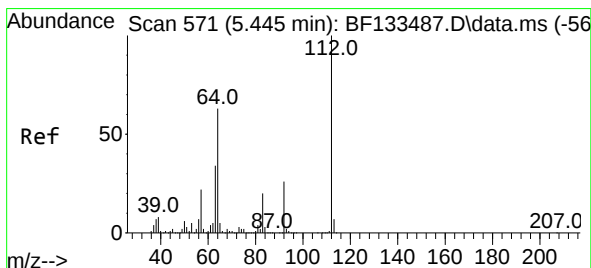
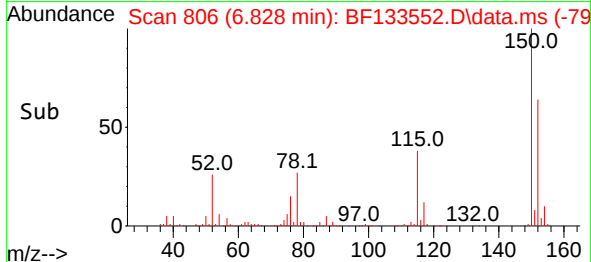
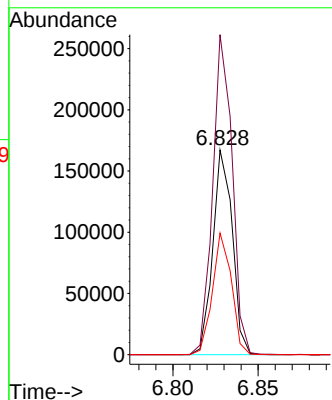
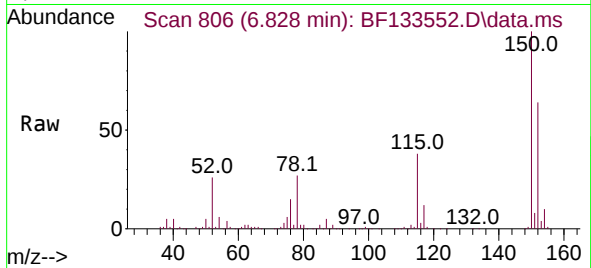




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133552.D
Acq: 31 May 2023 22:06

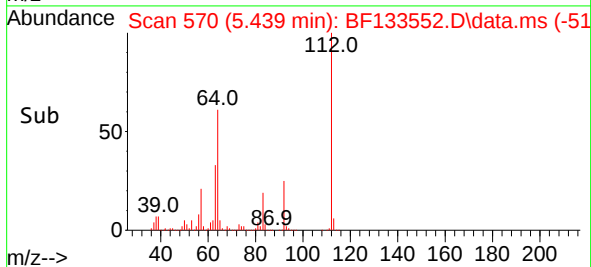
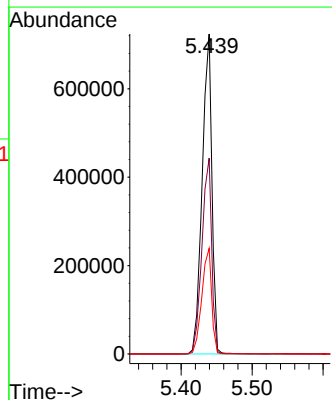
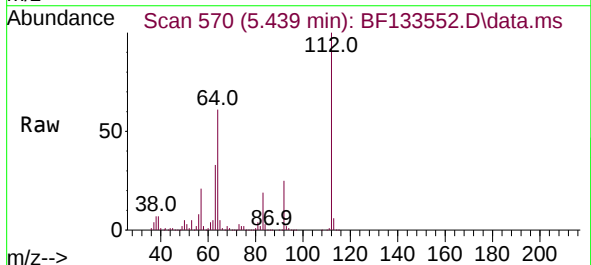
Instrument :
BNA_F
ClientSampleId :
WC16

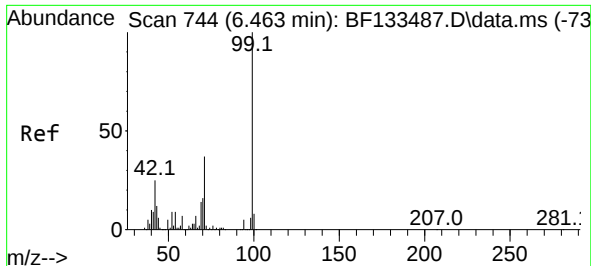
Tgt Ion:152 Resp: 132846
Ion Ratio Lower Upper
152 100
150 156.4 124.9 187.3
115 59.5 48.1 72.1



#5
2-Fluorophenol
Concen: 87.177 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF133552.D
Acq: 31 May 2023 22:06

Tgt Ion:112 Resp: 694121
Ion Ratio Lower Upper
112 100
64 61.2 50.1 75.1
63 33.0 27.5 41.3

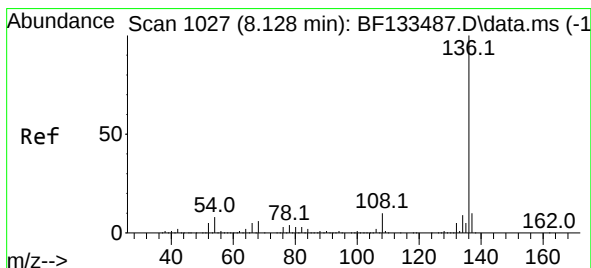
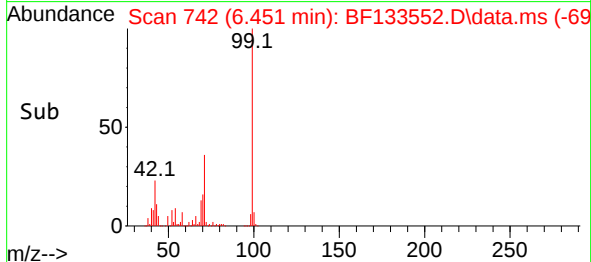
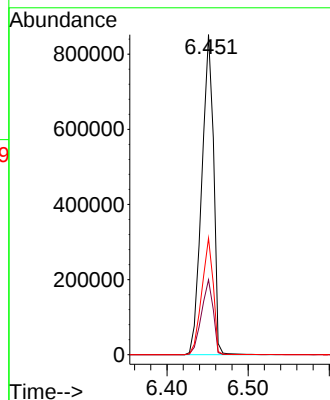
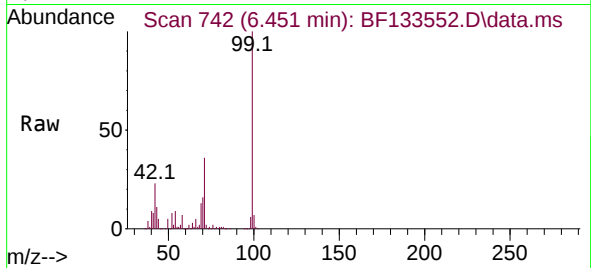




#7
Phenol-d6
Concen: 87.835 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF133552.D
Acq: 31 May 2023 22:06

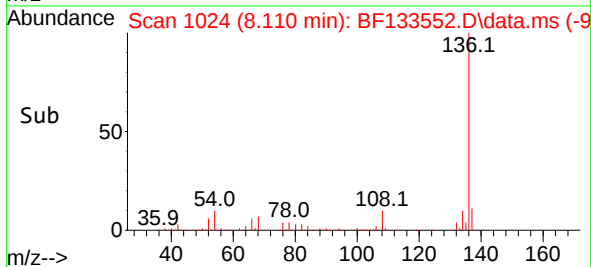
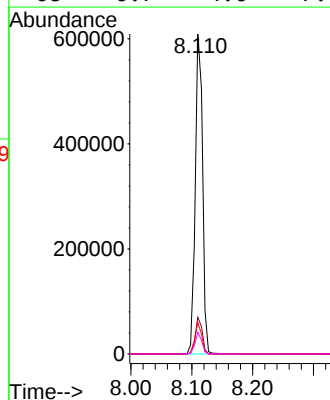
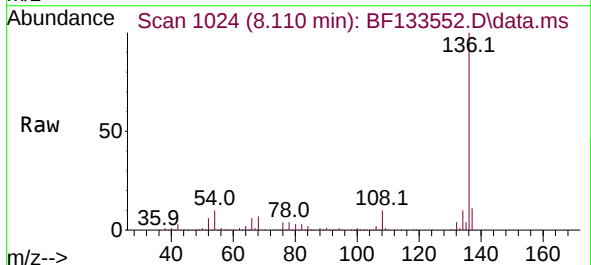
Instrument :
BNA_F
ClientSampleId :
WC16

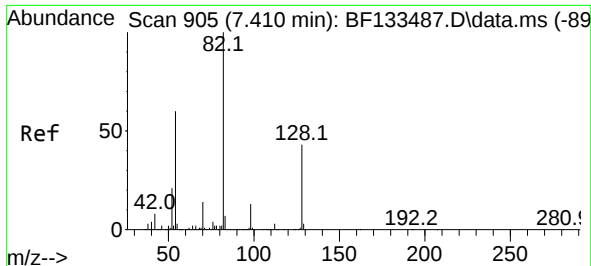
Tgt Ion: 99 Resp: 860921
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.4 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133552.D
Acq: 31 May 2023 22:06

Tgt Ion: 136 Resp: 506134
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.4
54 9.8 6.6 10.0
68 6.7 4.6 7.0





#23

Nitrobenzene-d5

Concen: 70.357 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133552.D

Acq: 31 May 2023 22:06

Instrument :

BNA_F

ClientSampleId :

WC16

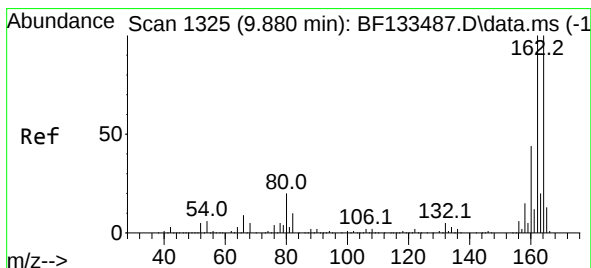
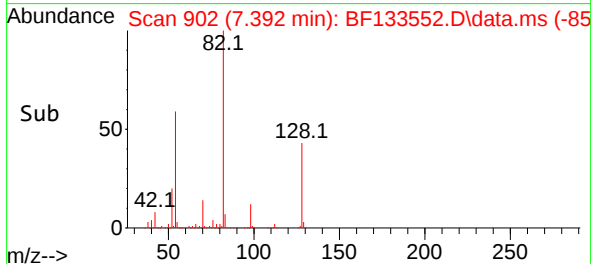
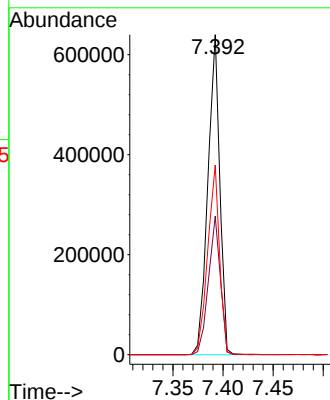
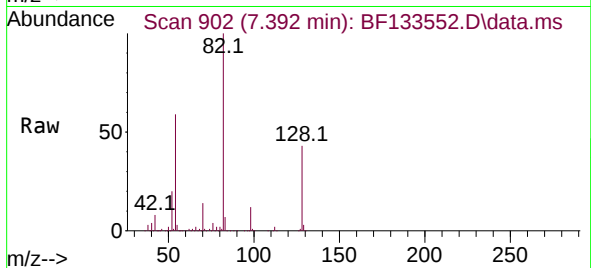
Tgt Ion: 82 Resp: 533335

Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.4

54 59.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133552.D

Acq: 31 May 2023 22:06

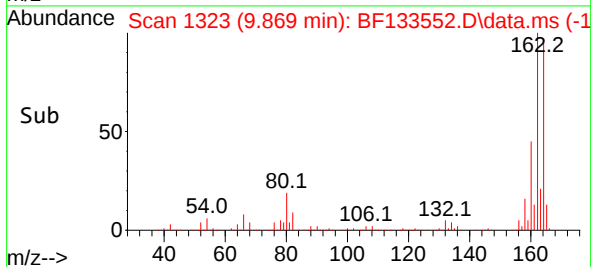
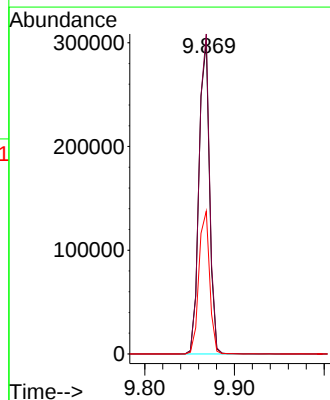
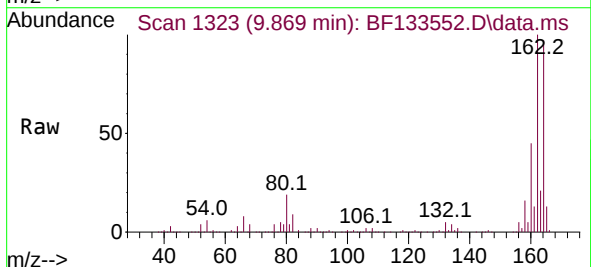
Tgt Ion:164 Resp: 246396

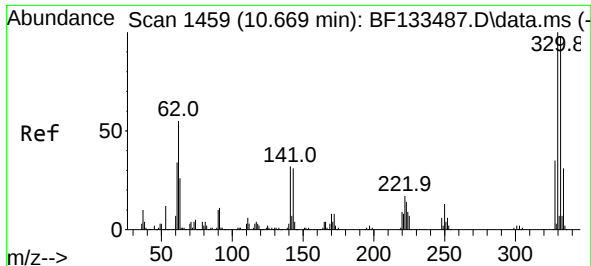
Ion Ratio Lower Upper

164 100

162 102.6 79.7 119.5

160 45.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 91.463 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133552.D

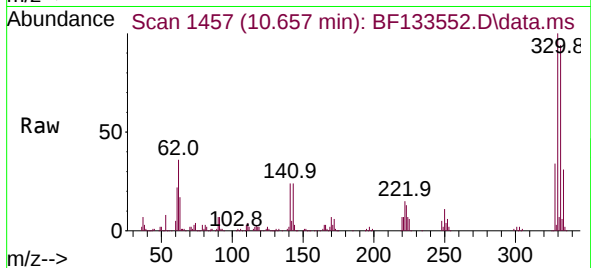
Acq: 31 May 2023 22:06

Instrument :

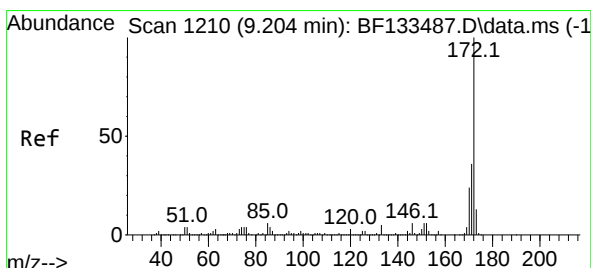
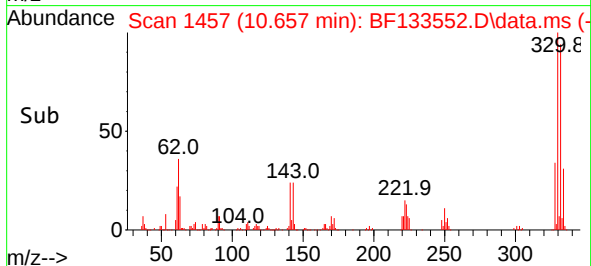
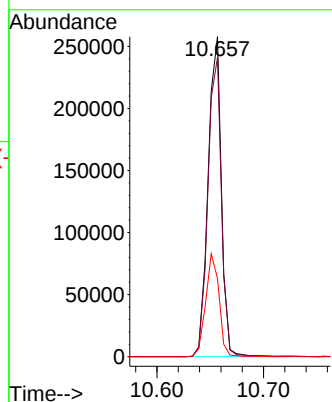
BNA_F

ClientSampleId :

WC16



Tgt Ion:	330	Resp:	224644
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.8	116.6
141	32.4	26.6	40.0



#45

2-Fluorobiphenyl

Concen: 62.025 ng

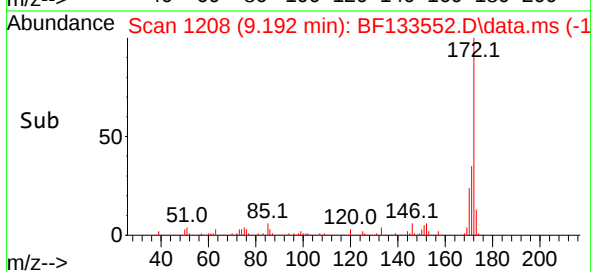
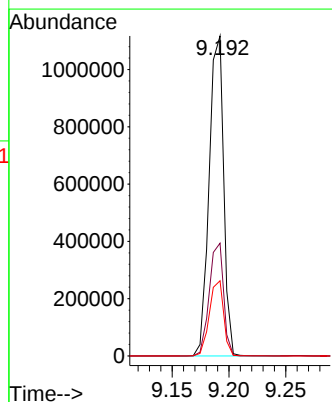
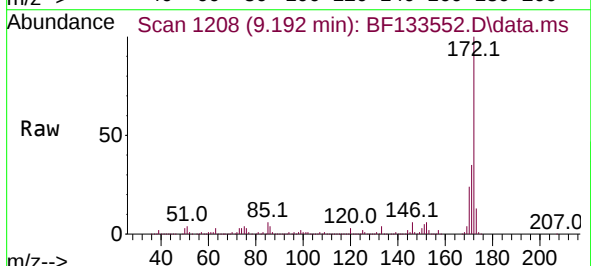
RT: 9.192 min Scan# 1208

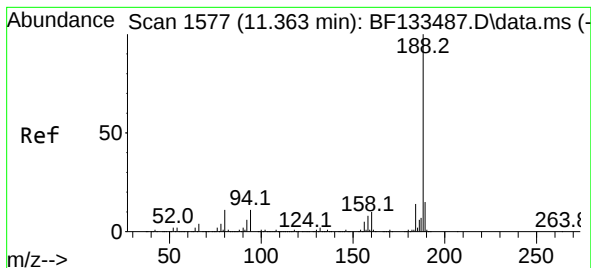
Delta R.T. -0.006 min

Lab File: BF133552.D

Acq: 31 May 2023 22:06

Tgt Ion:	172	Resp:	990169
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.4	42.6
170	23.5	19.3	28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133552.D

Acq: 31 May 2023 22:06

Instrument :

BNA_F

ClientSampleId :

WC16

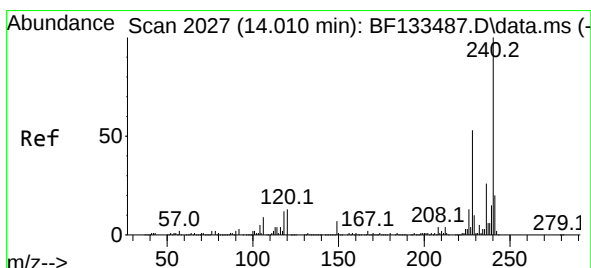
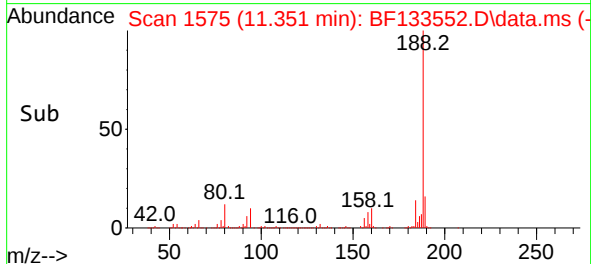
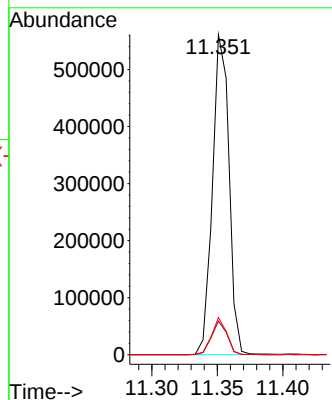
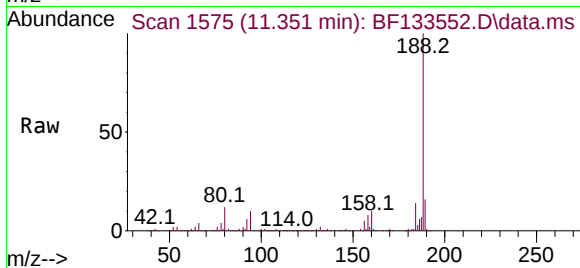
Tgt Ion:188 Resp: 492055

Ion Ratio Lower Upper

188 100

94 10.5 8.6 12.8

80 11.6 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.012 min

Lab File: BF133552.D

Acq: 31 May 2023 22:06

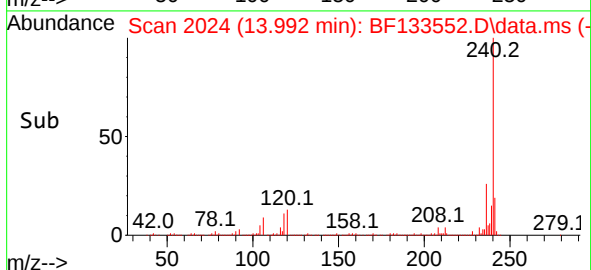
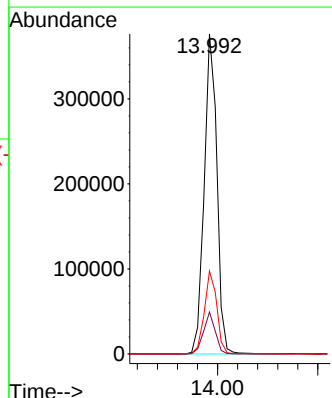
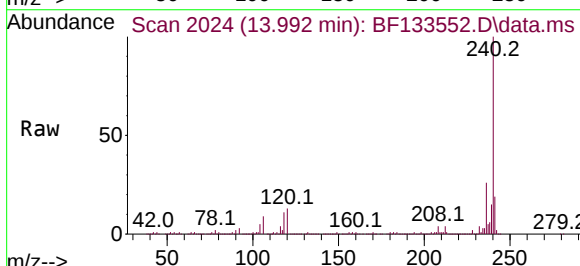
Tgt Ion:240 Resp: 332755

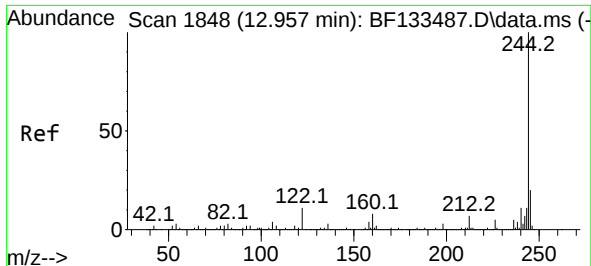
Ion Ratio Lower Upper

240 100

120 13.1 10.3 15.5

236 25.9 20.5 30.7

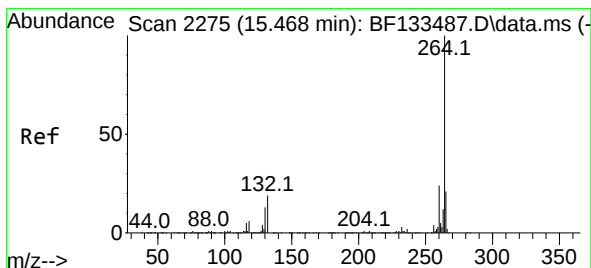
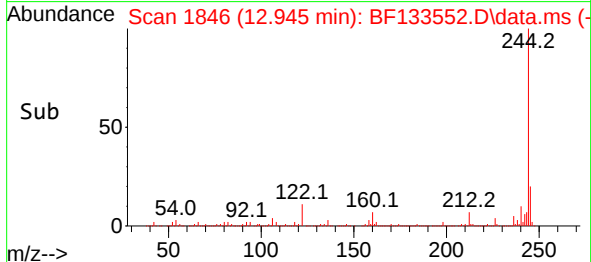
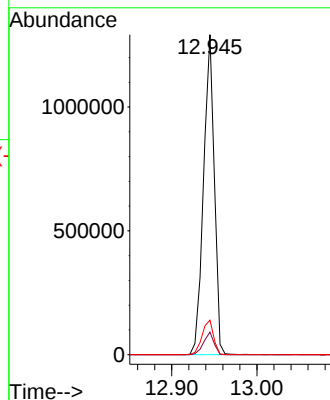
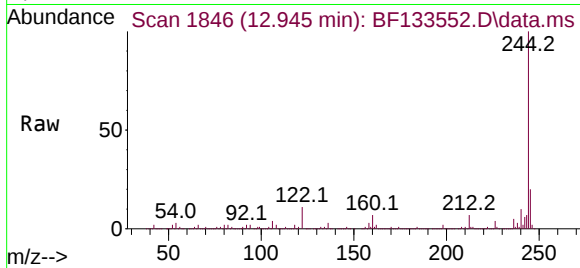




#79
 Terphenyl-d14
 Concen: 60.571 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF133552.D
 Acq: 31 May 2023 22:06

Instrument :
 BNA_F
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 WC16

Tgt Ion:244 Resp: 1133602
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF133552.D
 Acq: 31 May 2023 22:06

Tgt Ion:264 Resp: 288866
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 20.8 16.8 25.2

