

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139972.D
 Acq On : 23 Oct 2024 18:56
 Operator : RC/JU
 Sample : P4472-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-28

Quant Time: Oct 24 01:11:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

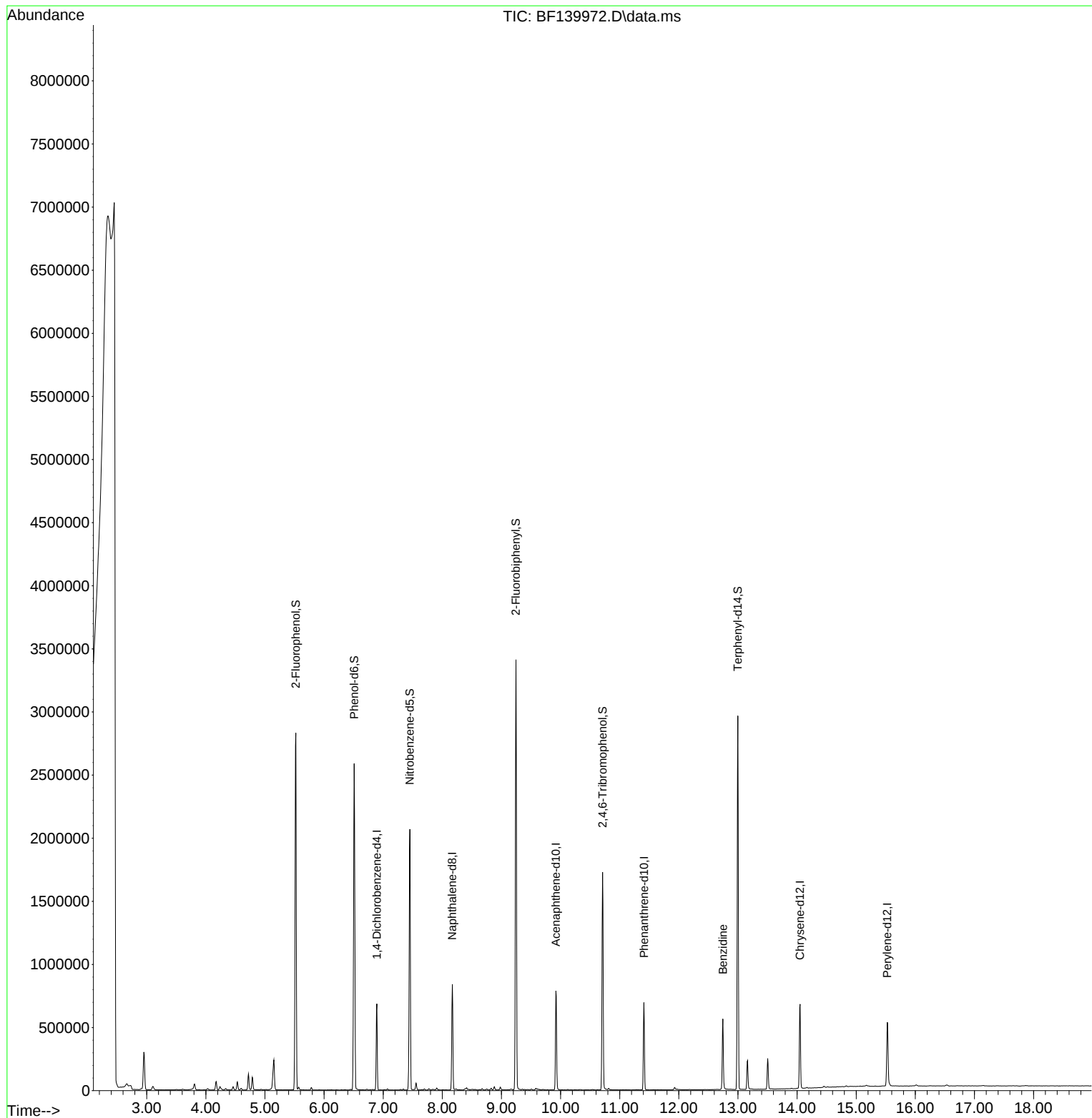
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	139555	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	498180	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	238869	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356328	20.000	ng	0.00
76) Chrysene-d12	14.051	240	321296	20.000	ng	0.00
86) Perylene-d12	15.527	264	302161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1112405	124.786	ng	0.02
7) Phenol-d6	6.510	99	1259480	109.087	ng	0.00
23) Nitrobenzene-d5	7.451	82	939990	104.576	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	302506	135.391	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1524705	105.492	ng	0.00
79) Terphenyl-d14	12.998	244	1478670	74.992	ng	0.00
Target Compounds						
77) Benzidine	12.745	184	297906	56.387	ng	Qvalue 99

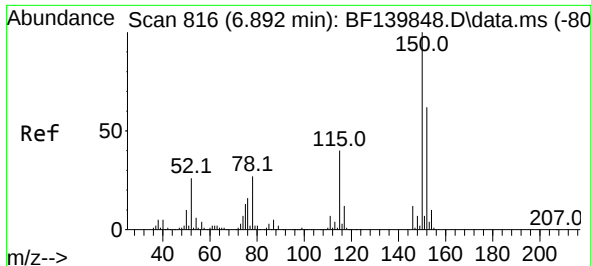
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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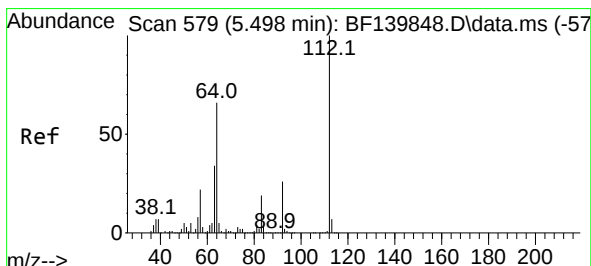
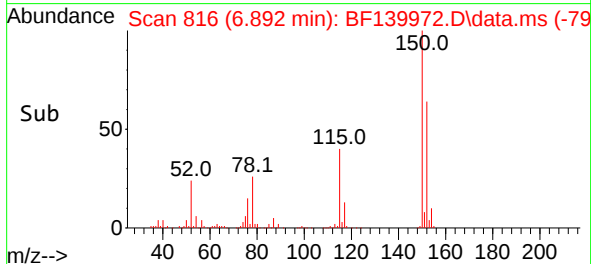
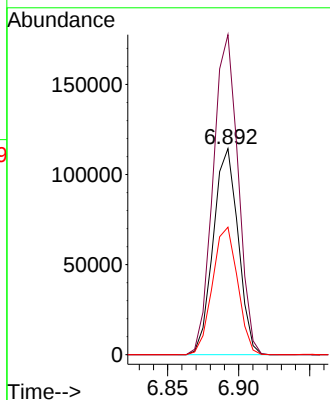
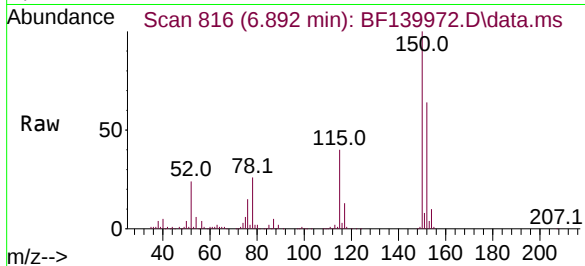




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

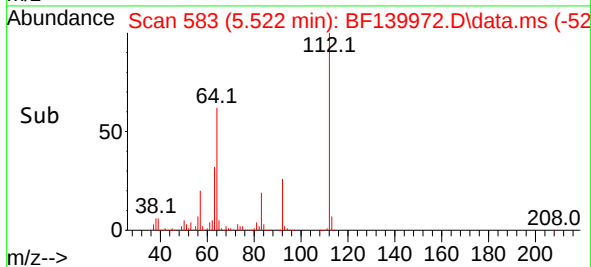
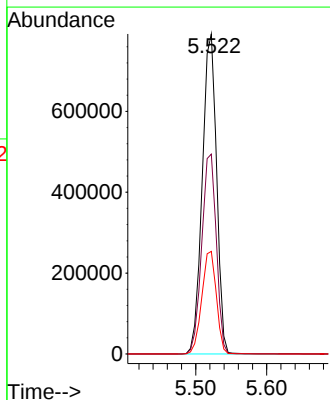
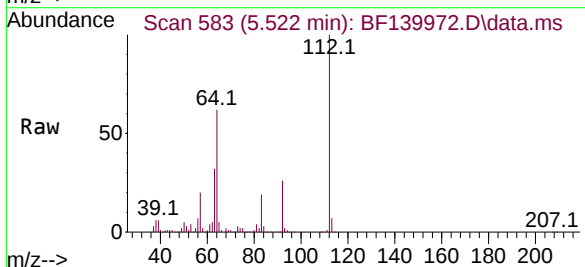
Instrument :
BNA_F
ClientSampleId :
BP-F-28

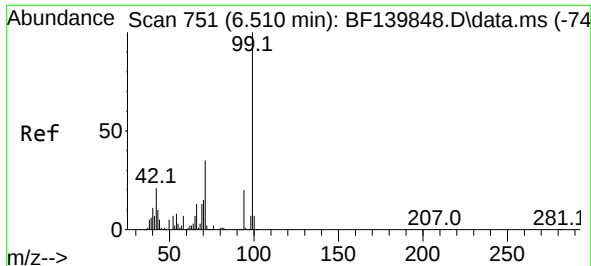
Tgt Ion:152 Resp: 139555
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 124.786 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion:112 Resp: 1112405
Ion Ratio Lower Upper
112 100
64 62.5 53.0 79.6
63 32.1 27.0 40.4

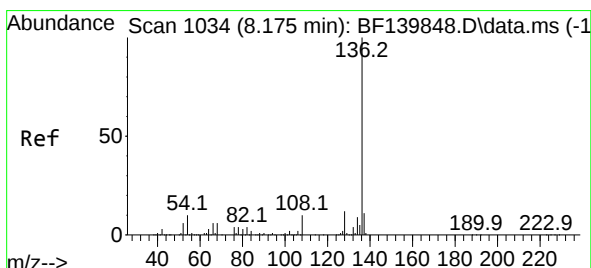
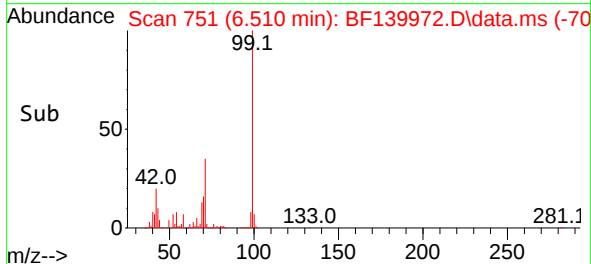
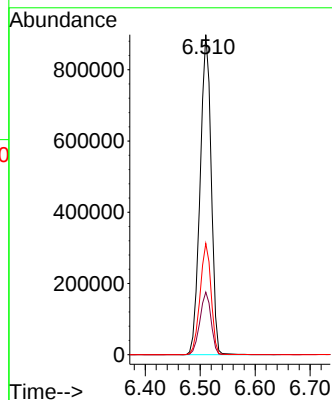
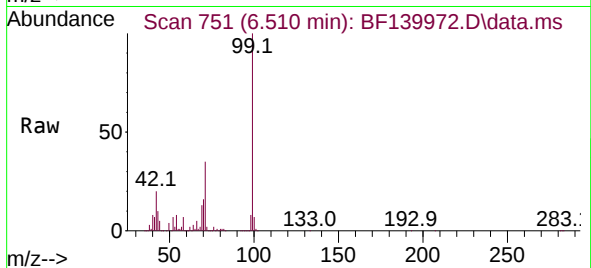




#7
Phenol-d6
Concen: 109.087 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

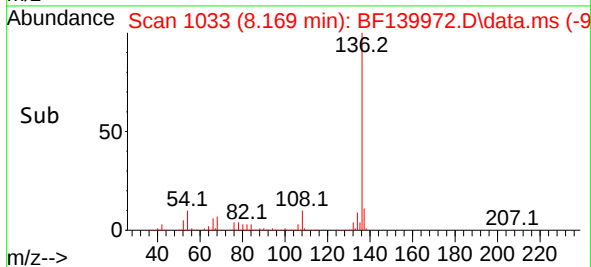
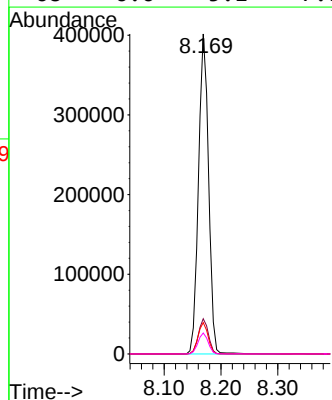
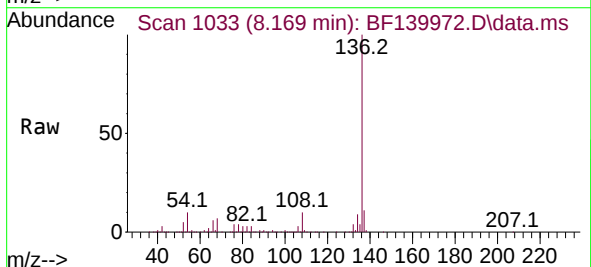
Instrument :
BNA_F
ClientSampleId :
BP-F-28

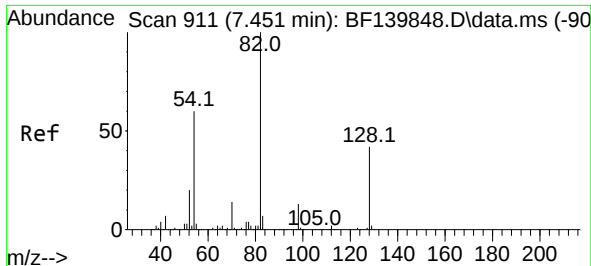
Tgt Ion: 99 Resp: 1259480
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion: 136 Resp: 498180
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.4 12.6
68 6.6 5.1 7.7

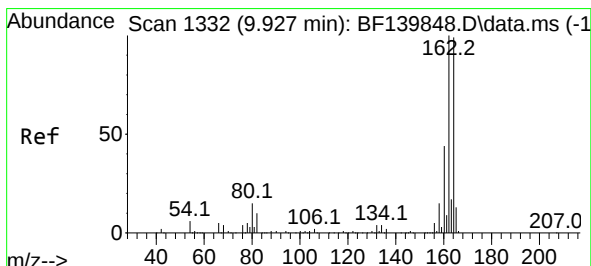
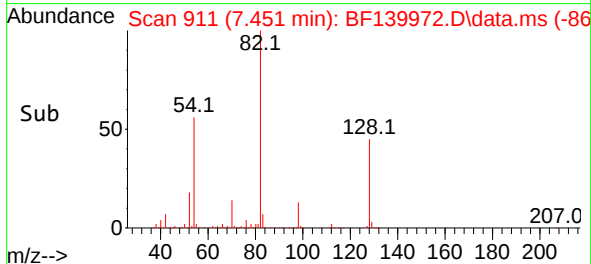
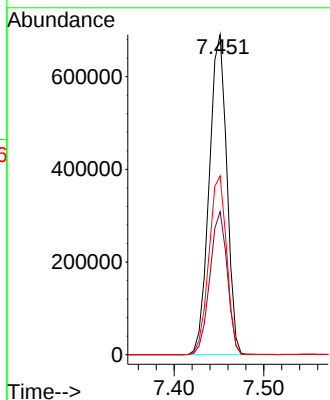
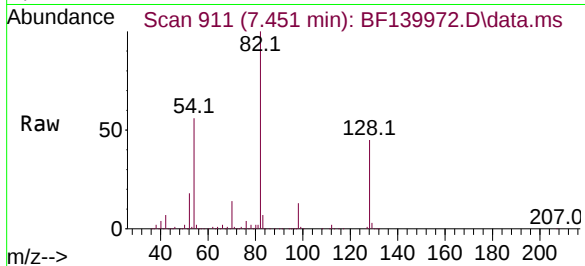




#23
Nitrobenzene-d5
Concen: 104.576 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

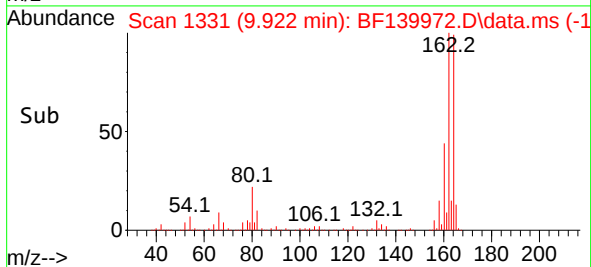
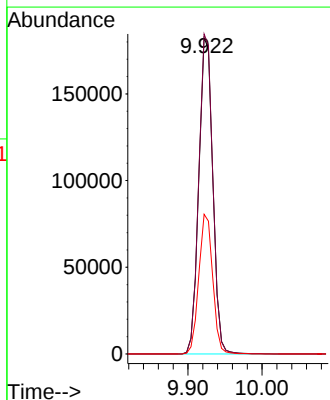
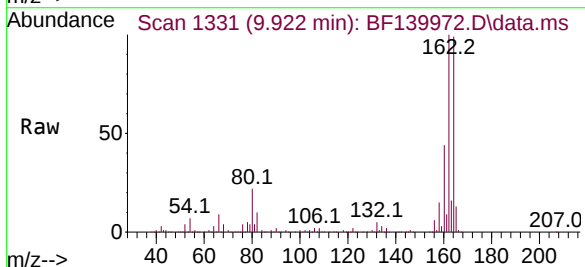
Instrument :
BNA_F
ClientSampleId :
BP-F-28

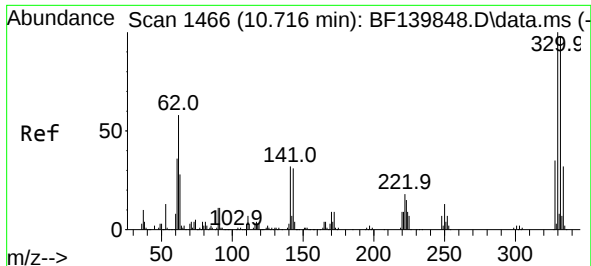
Tgt Ion: 82 Resp: 939990
Ion Ratio Lower Upper
82 100
128 44.7 33.4 50.0
54 55.9 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Tgt Ion: 164 Resp: 238869
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 135.391 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139972.D

Acq: 23 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

BP-F-28

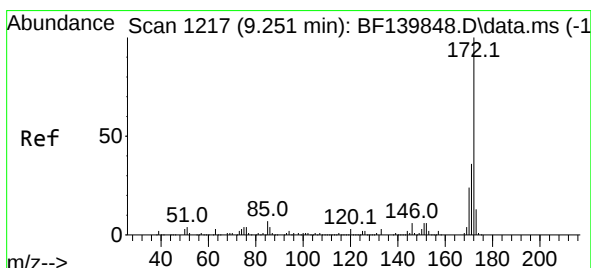
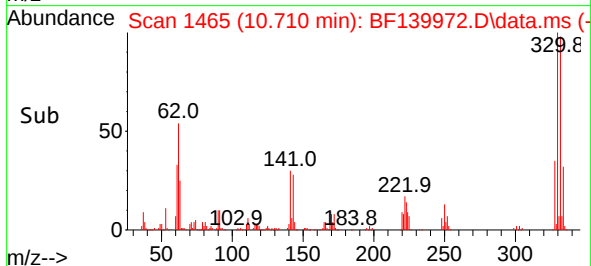
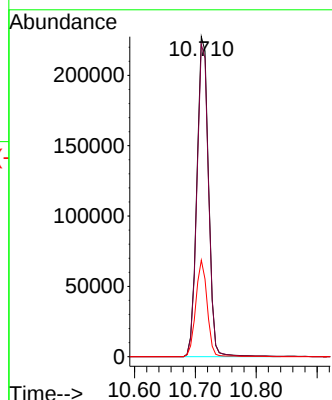
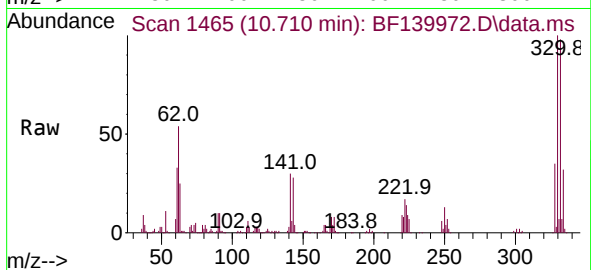
Tgt Ion:330 Resp: 302506

Ion Ratio Lower Upper

330 100

332 97.5 78.1 117.1

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 105.492 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139972.D

Acq: 23 Oct 2024 18:56

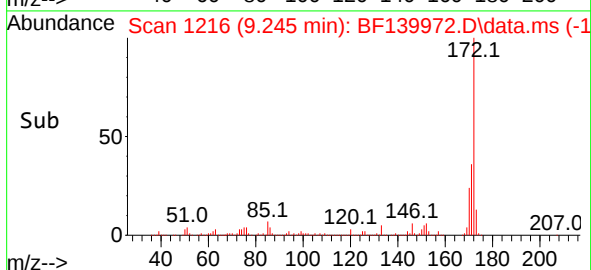
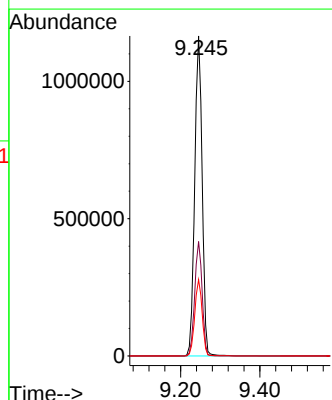
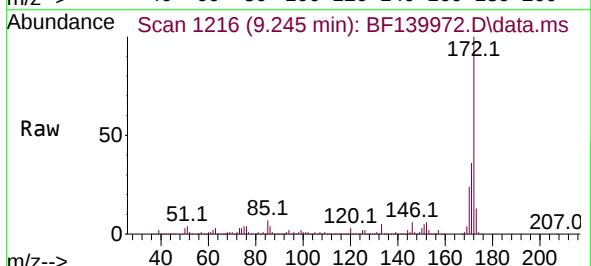
Tgt Ion:172 Resp: 1524705

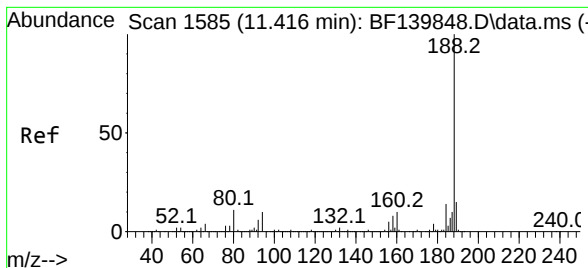
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139972.D

Acq: 23 Oct 2024 18:56

Instrument :

BNA_F

ClientSampleId :

BP-F-28

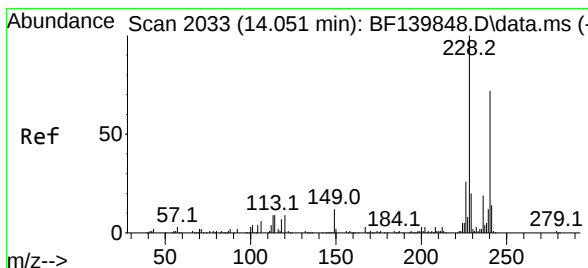
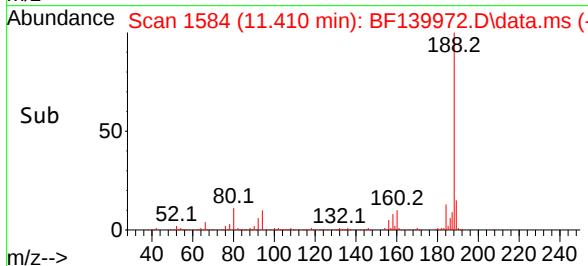
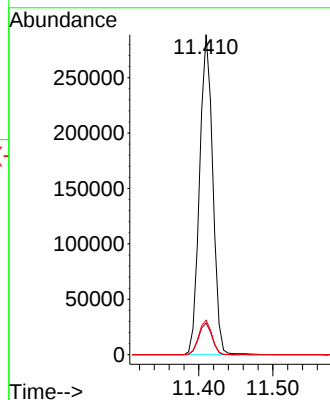
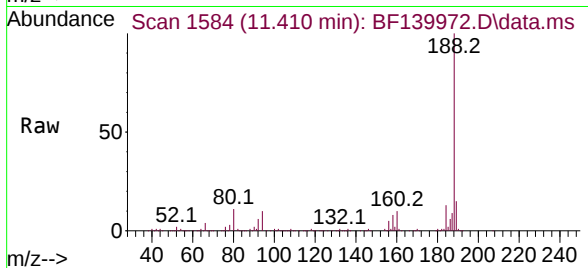
Tgt Ion:188 Resp: 356328

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139972.D

Acq: 23 Oct 2024 18:56

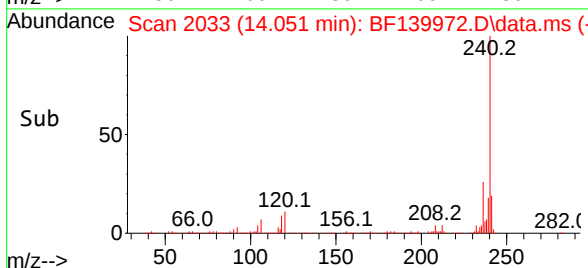
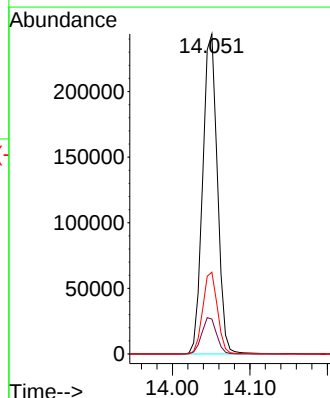
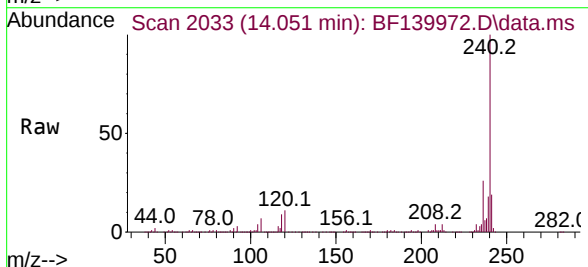
Tgt Ion:240 Resp: 321296

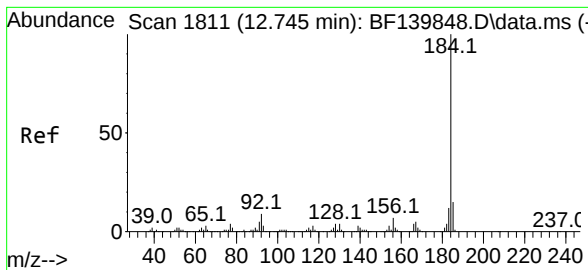
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 25.5 20.9 31.3

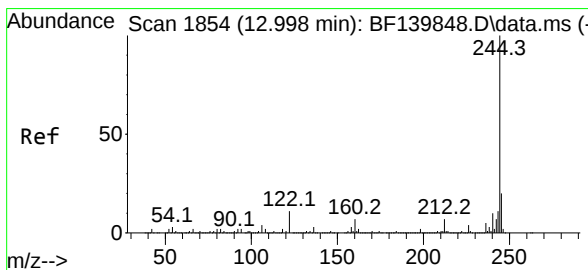
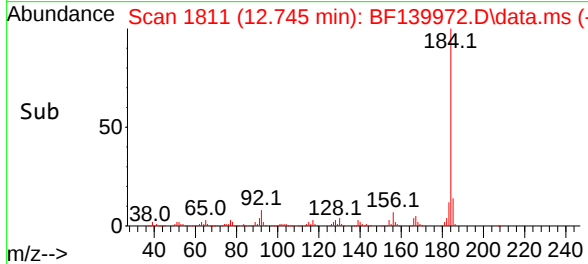
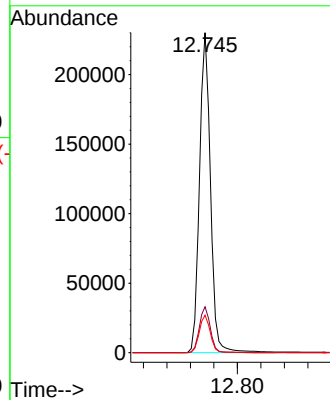
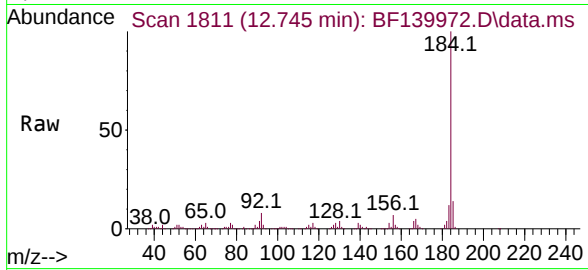




#77
Benzidine
Concen: 56.387 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

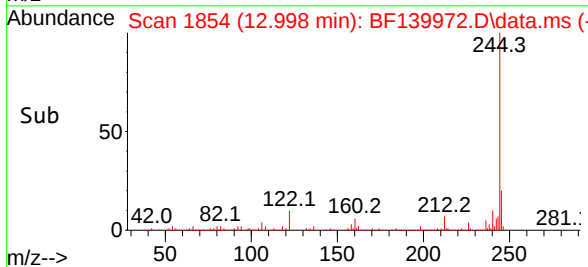
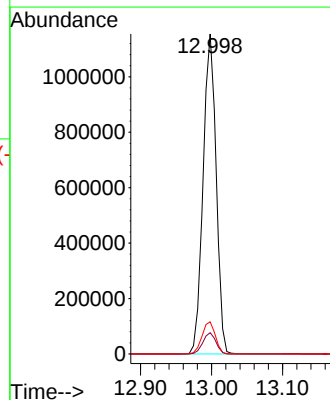
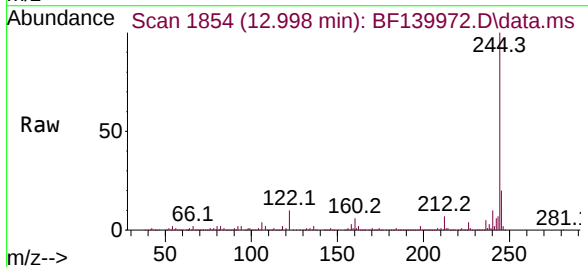
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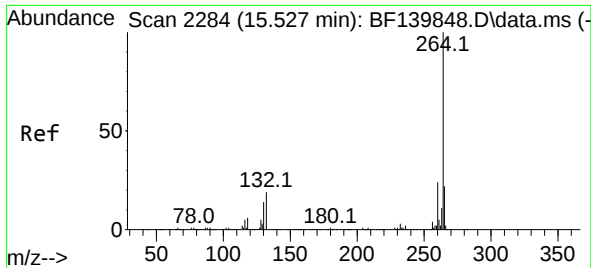
Tgt	Ion:184	Resp:	297906
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	11.7	9.4	14.2



#79
Terphenyl-d14
Concen: 74.992 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

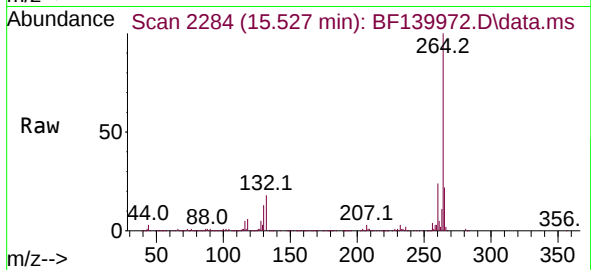
Tgt Ion:244	Resp: 1478670		
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.7	8.5
122	10.0	8.6	13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139972.D
Acq: 23 Oct 2024 18:56

Instrument :
BNA_F
ClientSampleId :
BP-F-28



Tgt Ion:264 Resp: 302161

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.0	17.4	26.0

