

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139738.D
Acq On : 10 Oct 2024 11:04
Operator : RC/JU
Sample : PB164011BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164011BL

Quant Time: Oct 10 11:53:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	113971	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	437153	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	256984	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	521320	20.000	ng	0.00
76) Chrysene-d12	14.033	240	375941	20.000	ng	0.00
86) Perylene-d12	15.510	264	293210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	840554	127.830	ng	0.02
7) Phenol-d6	6.504	99	1092425	123.539	ng	0.00
23) Nitrobenzene-d5	7.434	82	719378	83.317	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	325125	131.058	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1366299	81.621	ng	0.00
79) Terphenyl-d14	12.980	244	1770482	77.274	ng	0.00

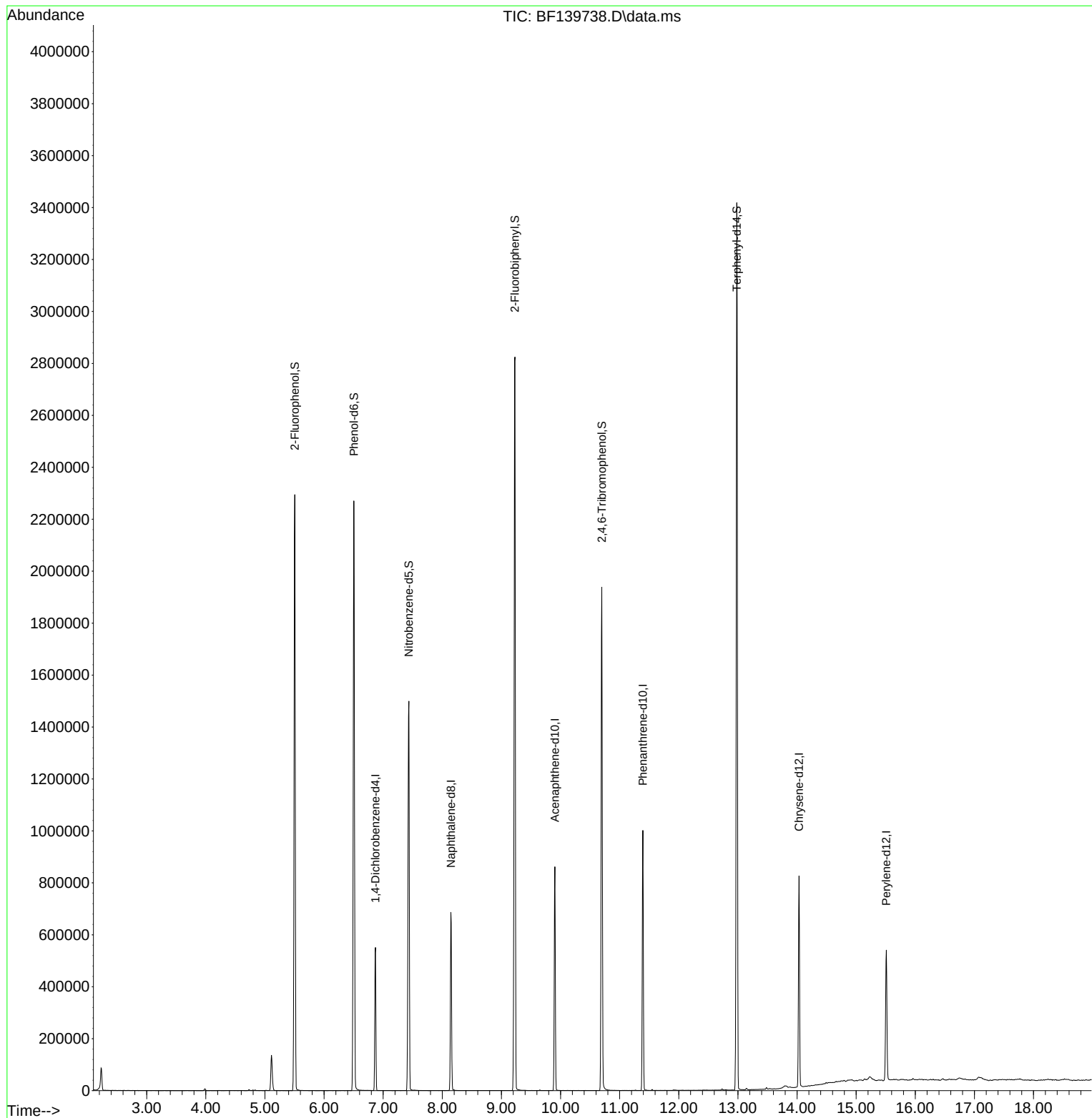
Target Compounds	Qvalue
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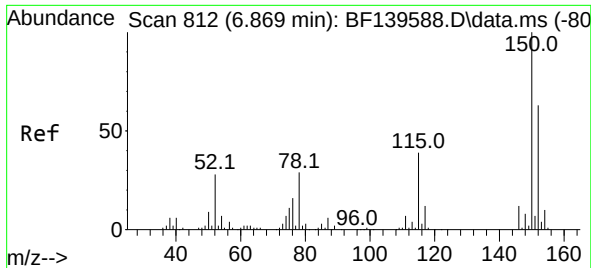
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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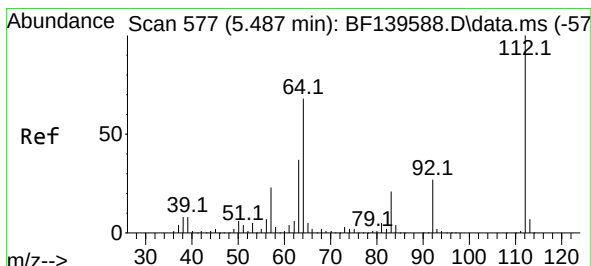
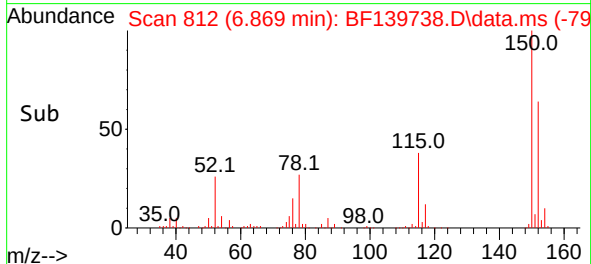
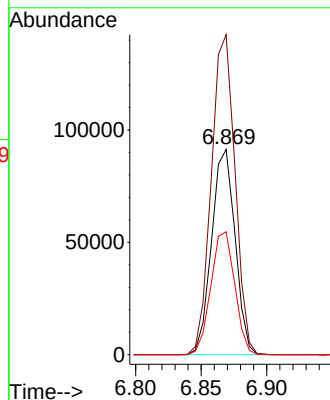
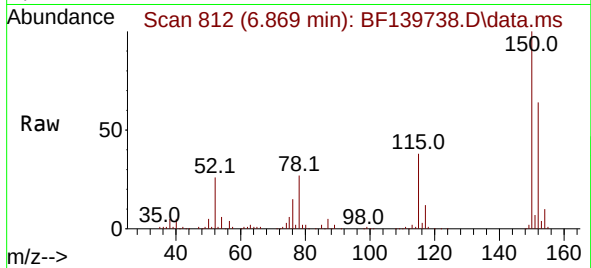




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

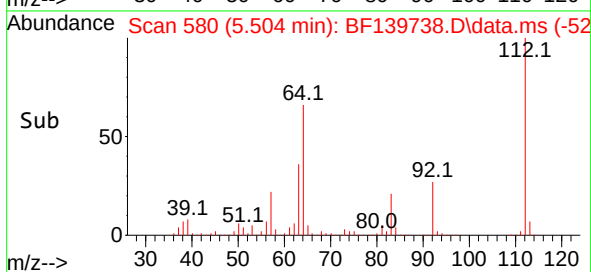
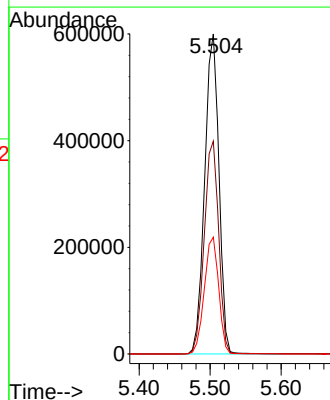
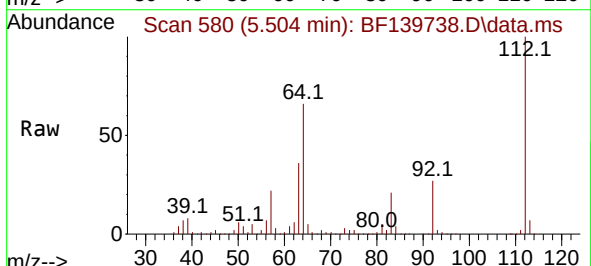
Instrument :
BNA_F
ClientSampleId :
PB164011BL

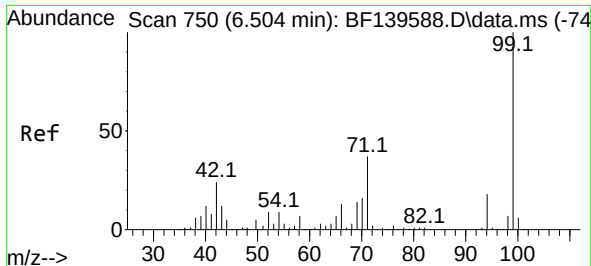
Tgt Ion:152 Resp: 113971
Ion Ratio Lower Upper
152 100
150 155.8 127.2 190.8
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 127.830 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion:112 Resp: 840554
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 36.5 29.4 44.2



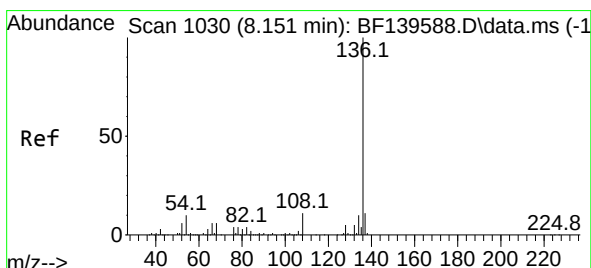
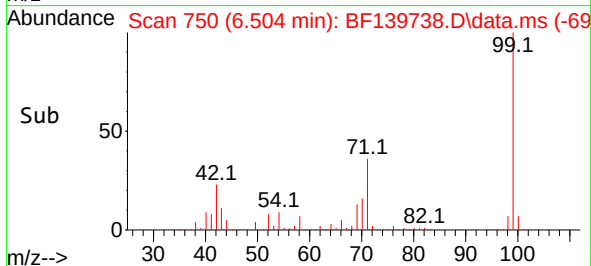
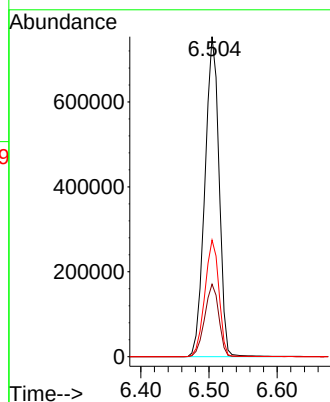
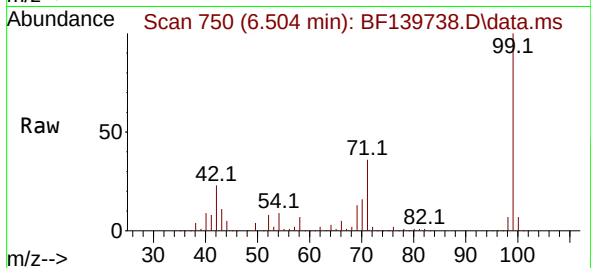


#7
Phenol-d6
Concen: 123.539 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB164011BL

Tgt Ion: 99 Resp: 1092425

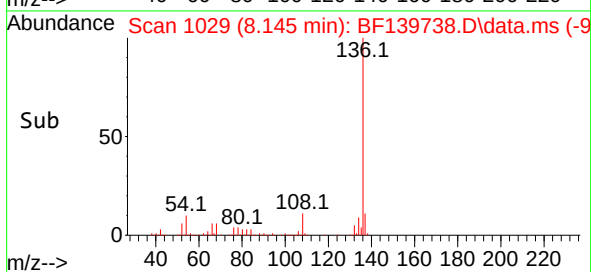
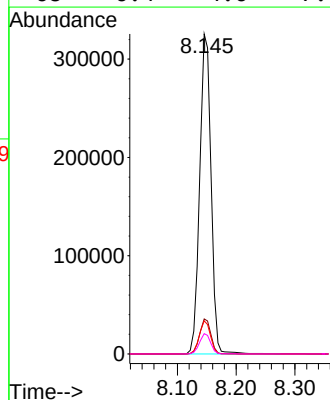
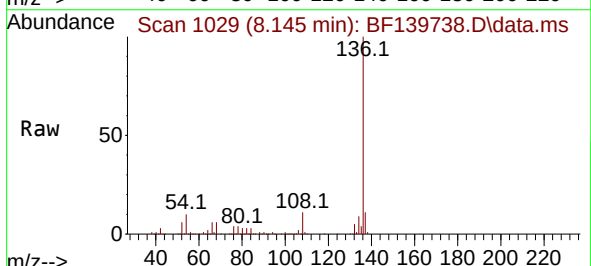
Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.1	28.7
71	36.5	29.7	44.5

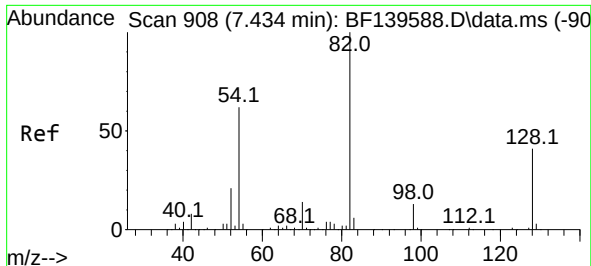


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion: 136 Resp: 437153

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.3	8.3	12.5
68	6.4	4.6	7.0

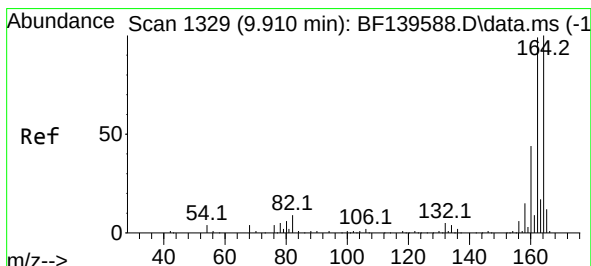
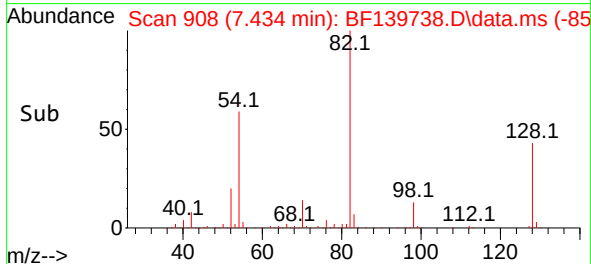
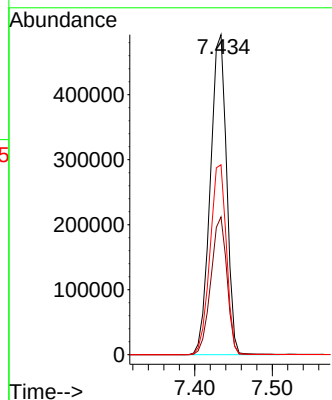
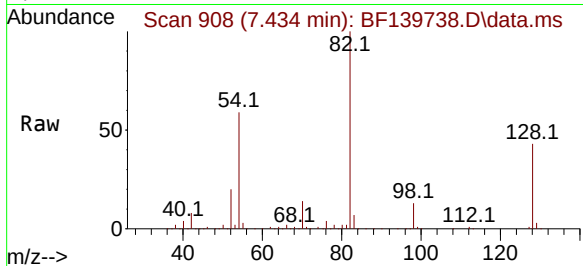




#23
 Nitrobenzene-d5
 Concen: 83.317 ng
 RT: 7.434 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: BF139738.D
 Acq: 10 Oct 2024 11:04

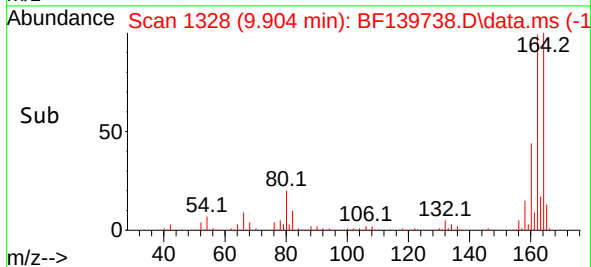
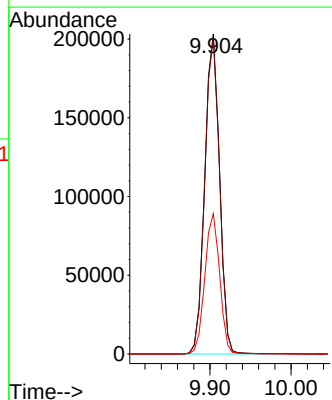
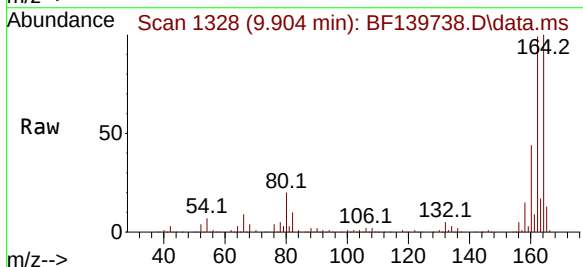
Instrument :
 BNA_F
 ClientSampleId :
 PB164011BL

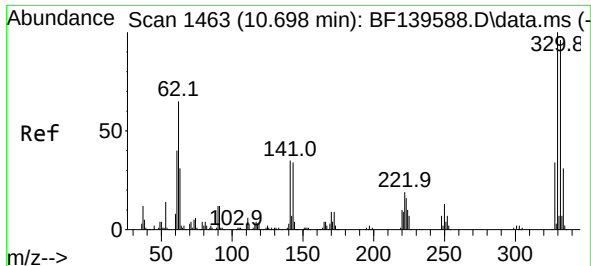
Tgt Ion: 82 Resp: 719378
 Ion Ratio Lower Upper
 82 100
 128 43.1 32.4 48.6
 54 59.4 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: BF139738.D
 Acq: 10 Oct 2024 11:04

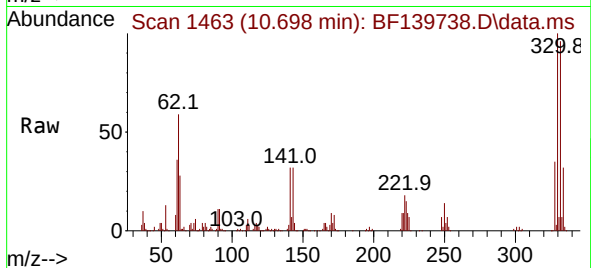
Tgt Ion:164 Resp: 256984
 Ion Ratio Lower Upper
 164 100
 162 98.7 79.4 119.0
 160 43.9 35.1 52.7



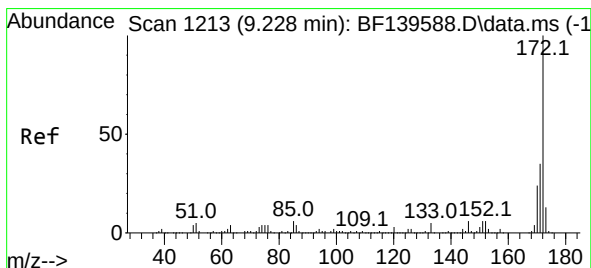
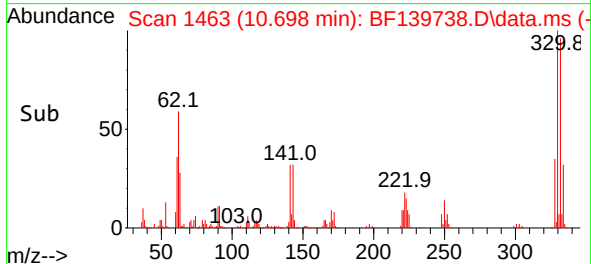
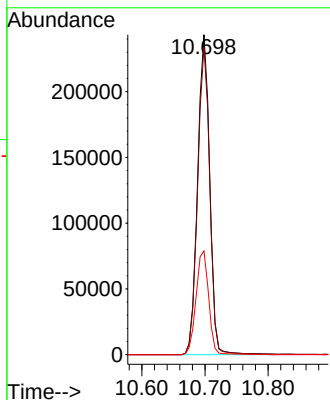


#42
2,4,6-Tribromophenol
Concen: 131.058 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB164011BL

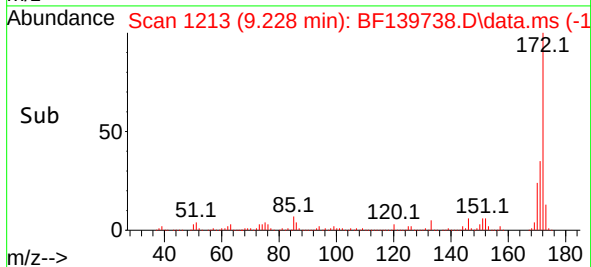
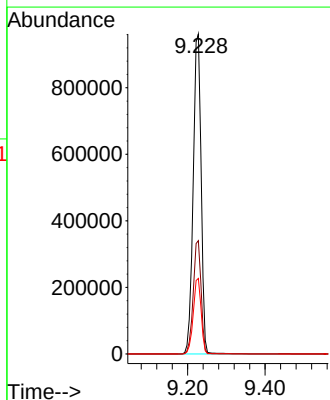
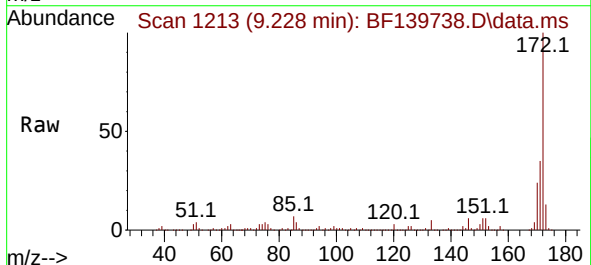


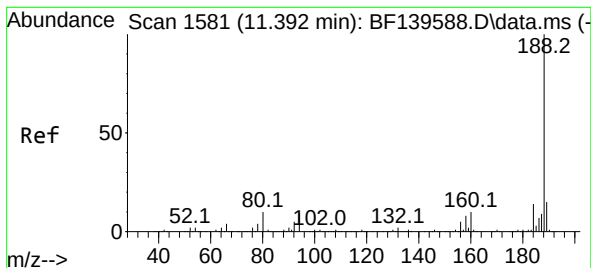
Tgt Ion:330 Resp: 325125
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 33.8 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 81.621 ng
RT: 9.228 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF139738.D
Acq: 10 Oct 2024 11:04

Tgt Ion:172 Resp: 1366299
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB164011BL

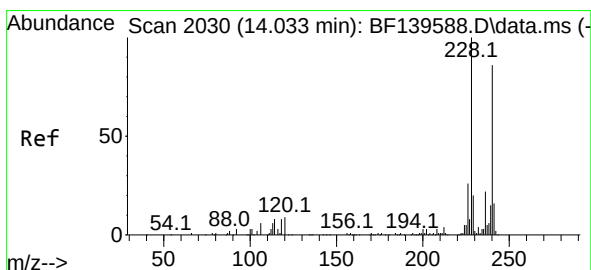
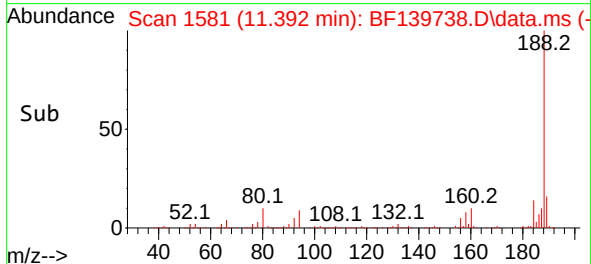
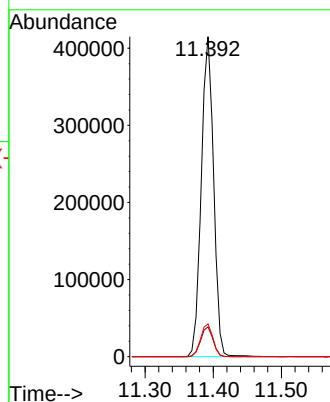
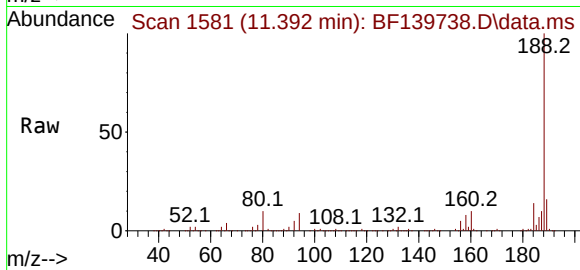
Tgt Ion:188 Resp: 521320

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139738.D

Acq: 10 Oct 2024 11:04

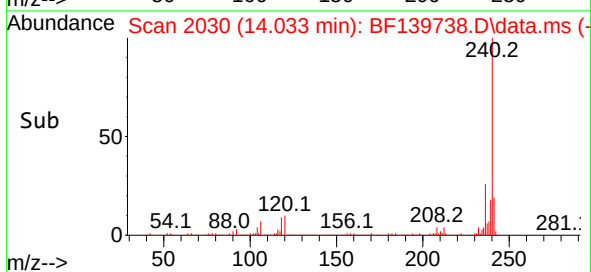
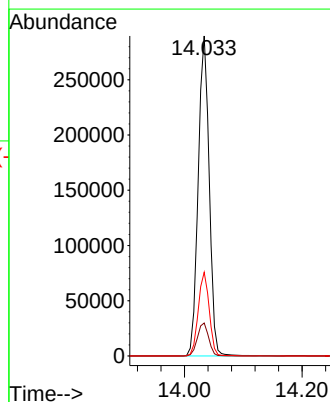
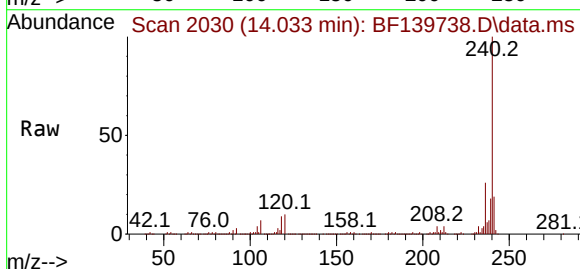
Tgt Ion:240 Resp: 375941

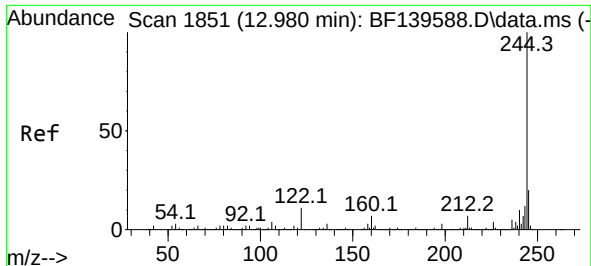
Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

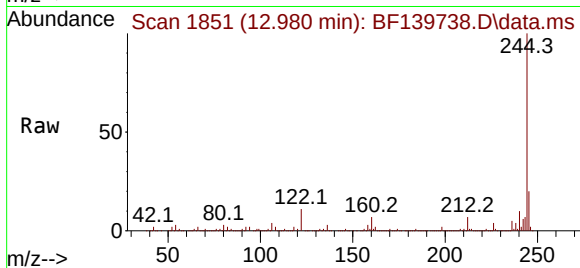
236 26.2 20.3 30.5





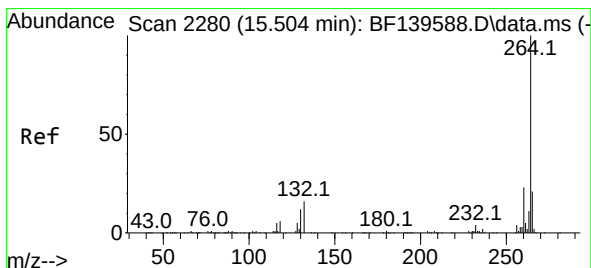
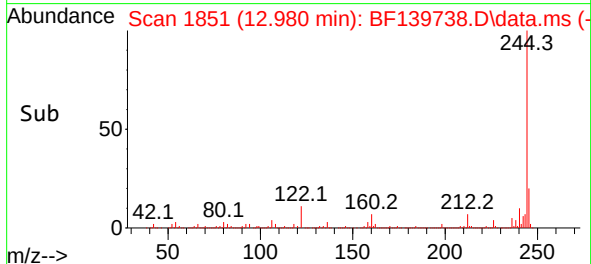
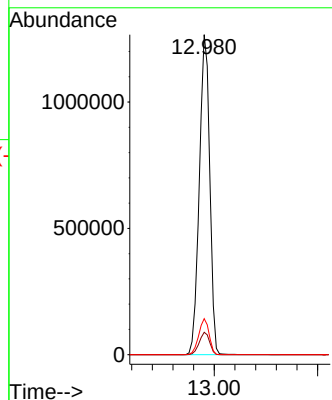
#79
 Terphenyl-d14
 Concen: 77.274 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139738.D
 Acq: 10 Oct 2024 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB164011BL



Tgt Ion:244 Resp: 1770482

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	11.2	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF139738.D
 Acq: 10 Oct 2024 11:04

Tgt Ion:264 Resp: 293210

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	16.9	25.3

