

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139935.D
 Acq On : 22 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4443-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OG-315-HR-502-COMP-30

Quant Time: Oct 23 01:12:10 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)

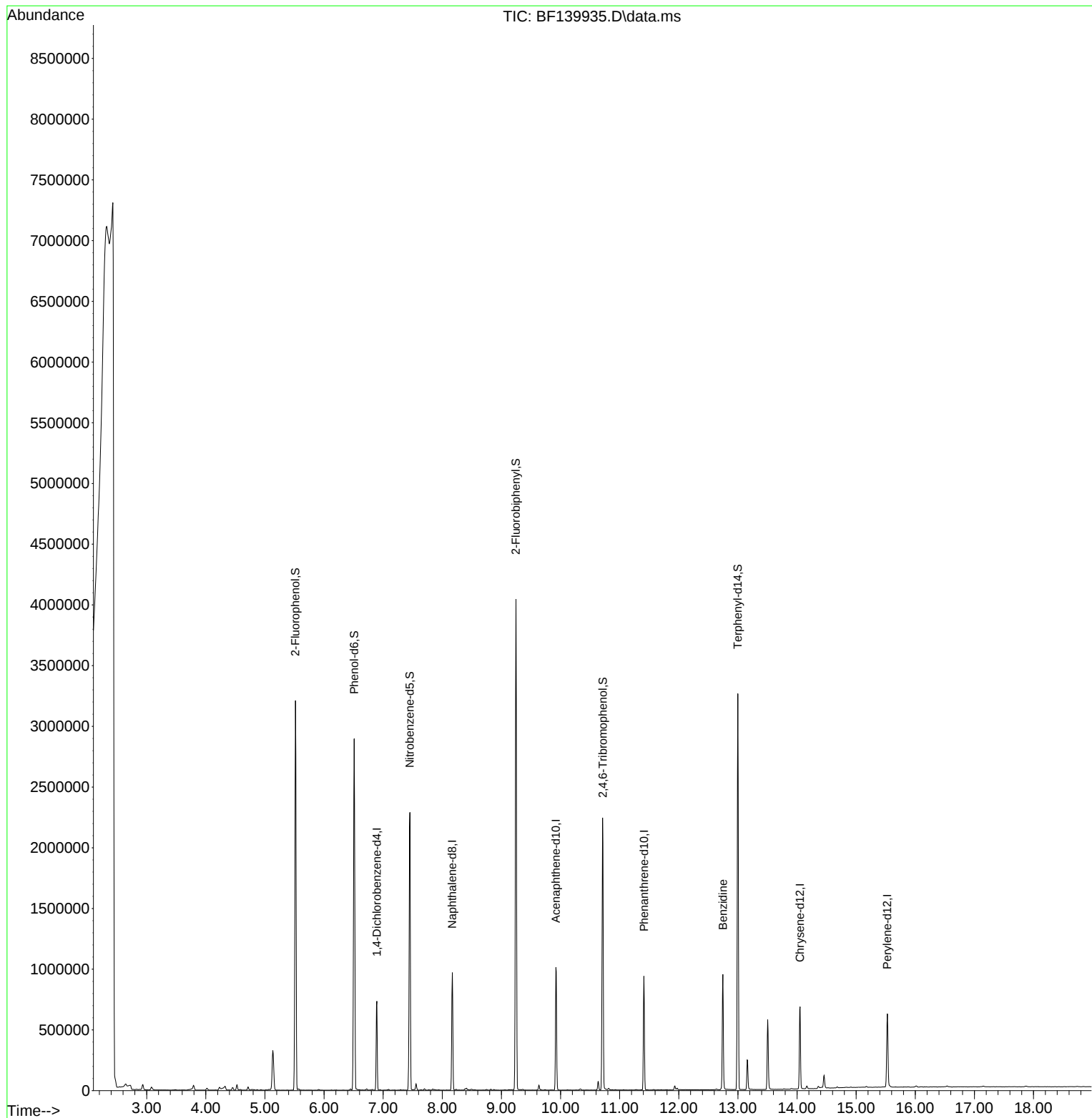
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	151455	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	577359	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	309203	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	475855	20.000	ng	0.00
76) Chrysene-d12	14.051	240	325699	20.000	ng	0.00
86) Perylene-d12	15.527	264	354964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1227656	126.895	ng	0.02
7) Phenol-d6	6.510	99	1434259	114.464	ng	0.00
23) Nitrobenzene-d5	7.451	82	1058903	101.649	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	402783	139.266	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1830776	97.855	ng	0.00
79) Terphenyl-d14	12.998	244	1619010	80.999	ng	0.00
Target Compounds						
77) Benzidine	12.745	184	495850	92.585	ng	Qvalue 99

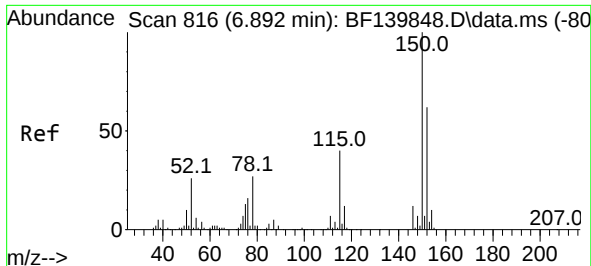
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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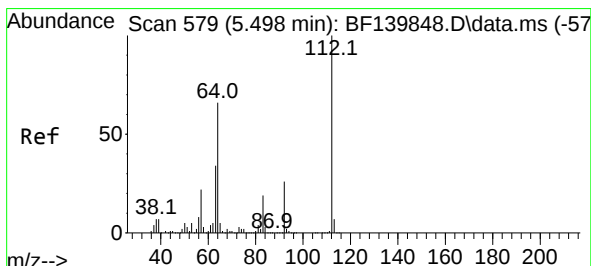
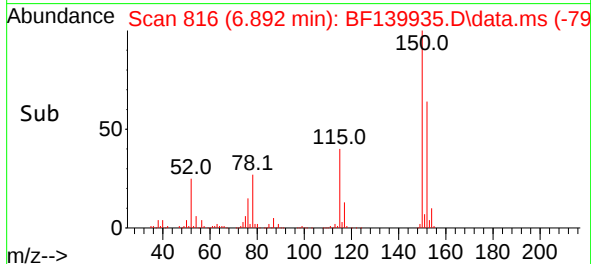
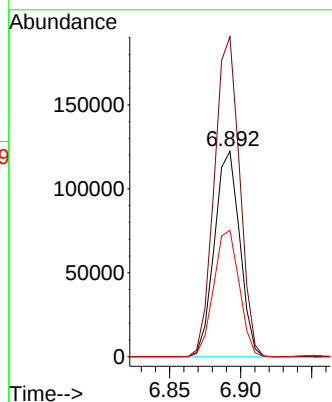
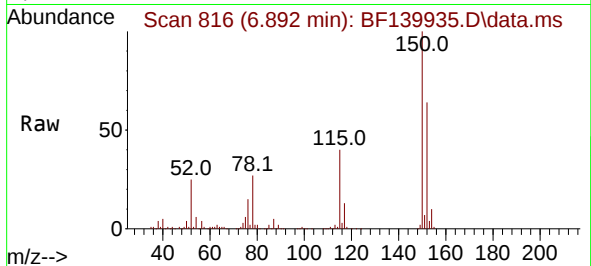




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

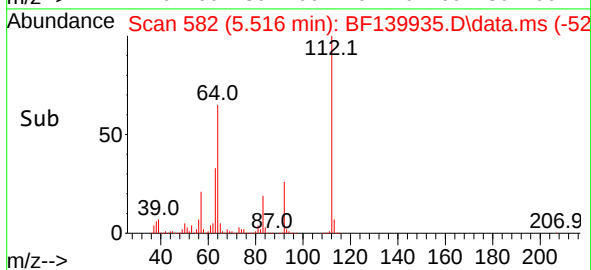
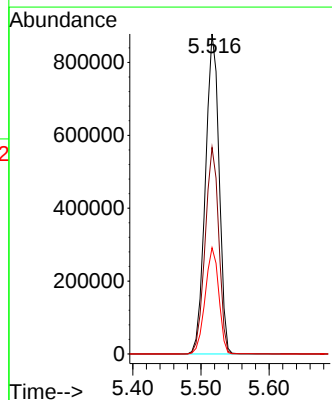
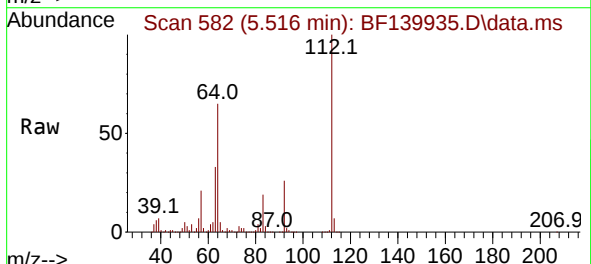
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

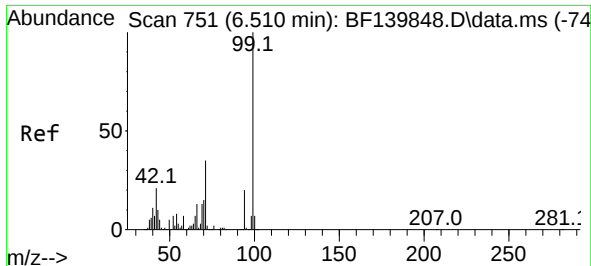
Tgt Ion:152 Resp: 151455
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 61.6 51.4 77.2



#5
2-Fluorophenol
Concen: 126.895 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

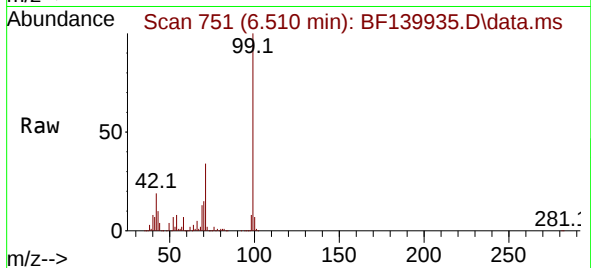
Tgt Ion:112 Resp: 1227656
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.2 27.0 40.4





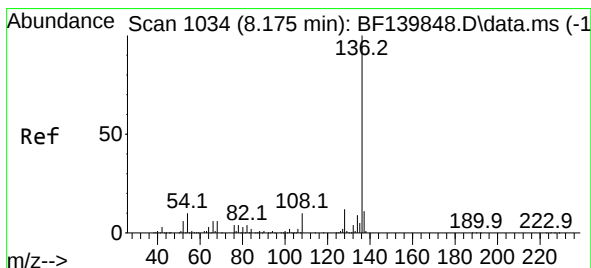
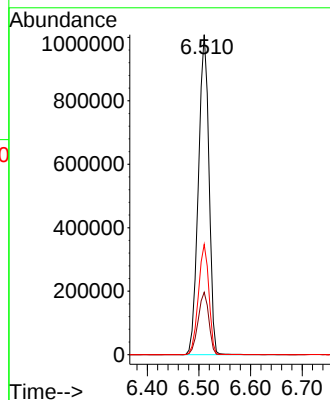
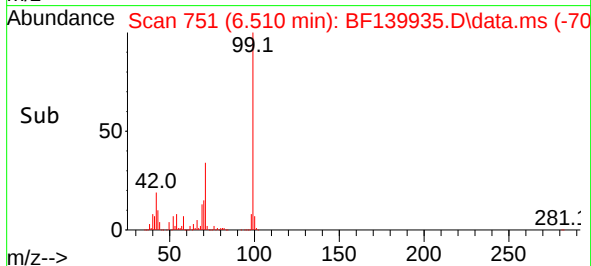
#7
Phenol-d6
Concen: 114.464 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30



Tgt Ion: 99 Resp: 1434259

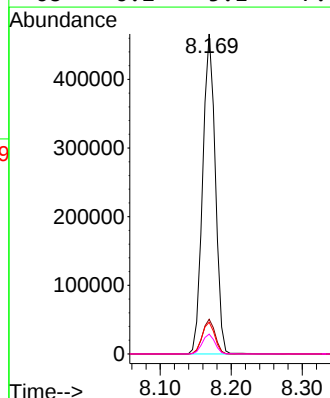
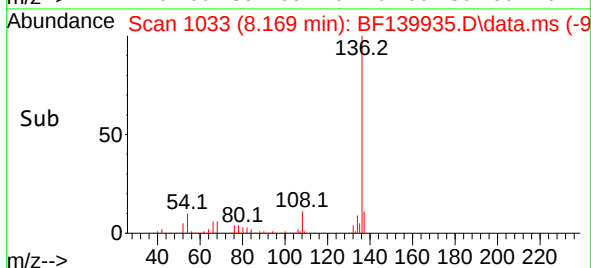
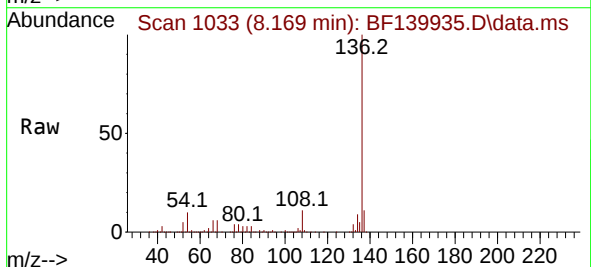
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.7	25.1
71	34.5	27.7	41.5

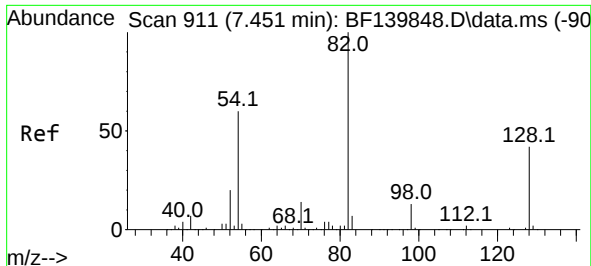


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion: 136 Resp: 577359

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	8.4	12.6
68	6.2	5.1	7.7

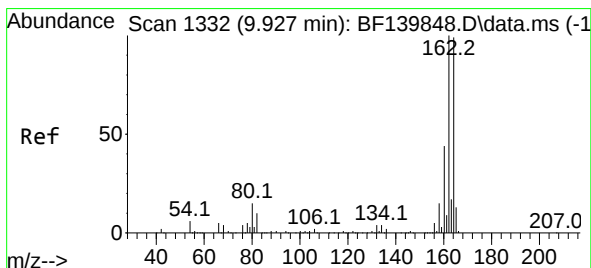
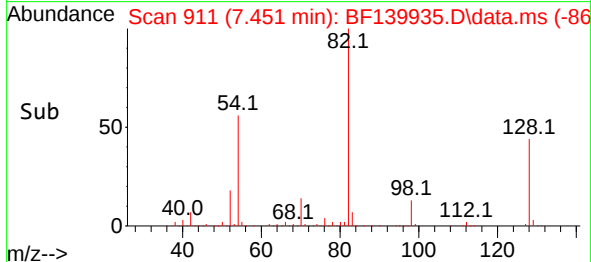
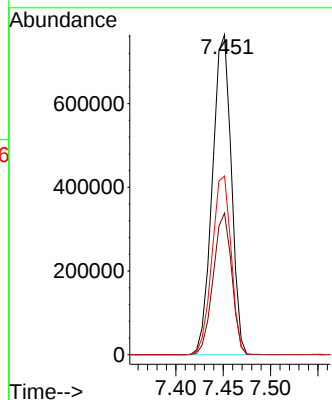
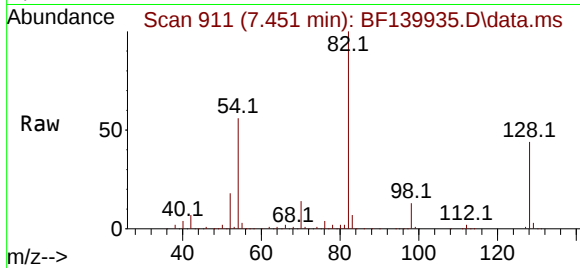




#23
Nitrobenzene-d5
Concen: 101.649 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

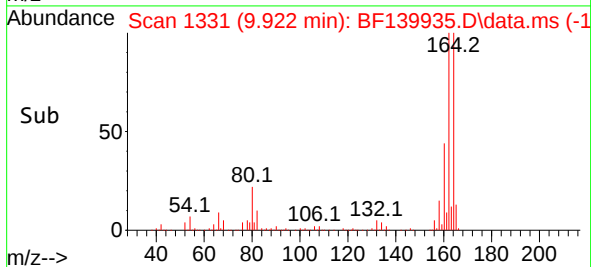
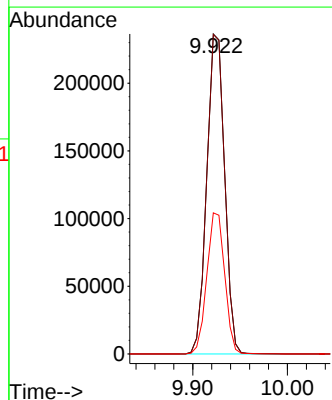
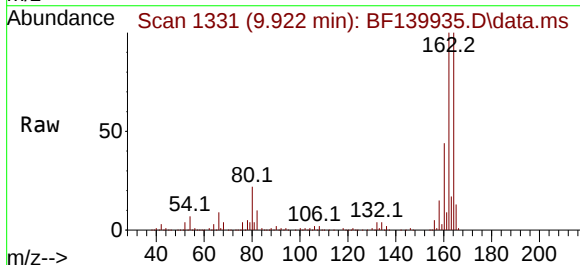
Instrument :
BNA_F
ClientSampleId :
OG-315-HR-502-COMP-30

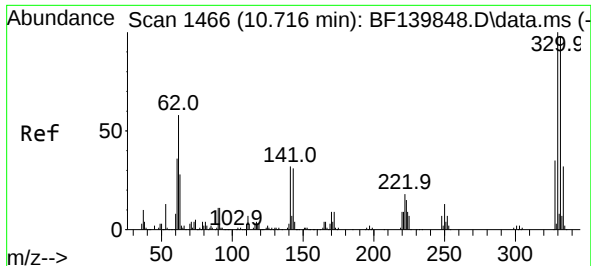
Tgt Ion: 82 Resp: 1058903
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.0
54 55.9 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion:164 Resp: 309203
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.1 35.4 53.0

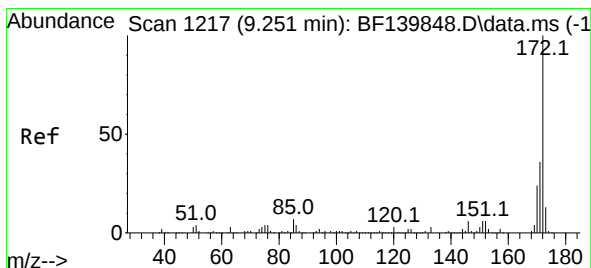
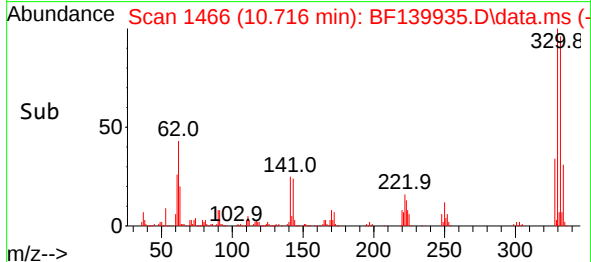
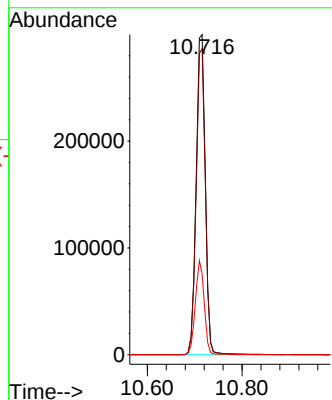
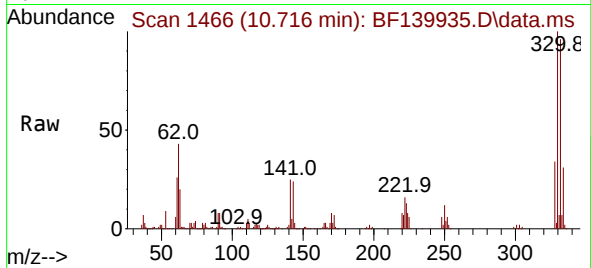




#42
2,4,6-Tribromophenol
Concen: 139.266 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

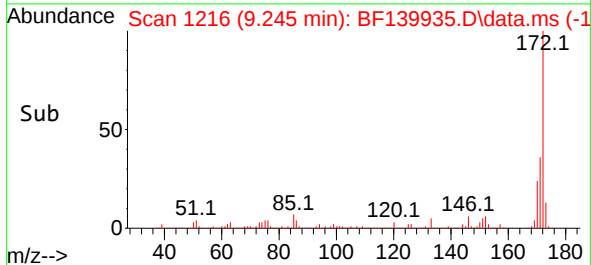
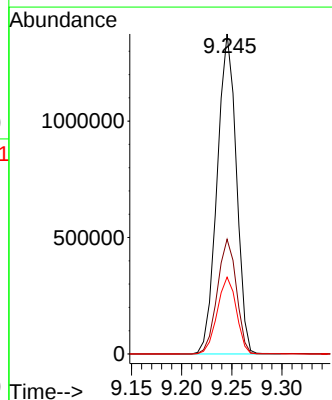
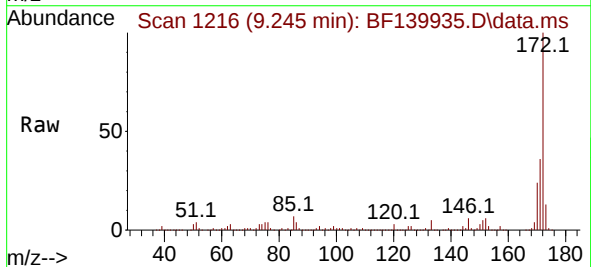
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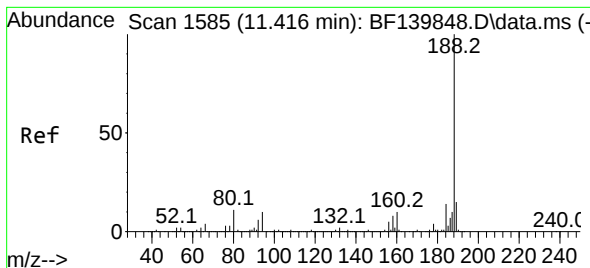
Tgt Ion: 330 Resp: 402783
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 28.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 97.855 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

Tgt Ion: 172 Resp: 1830776
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.0 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: BF139935.D

Acq: 22 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

OG-315-HR-502-COMP-30

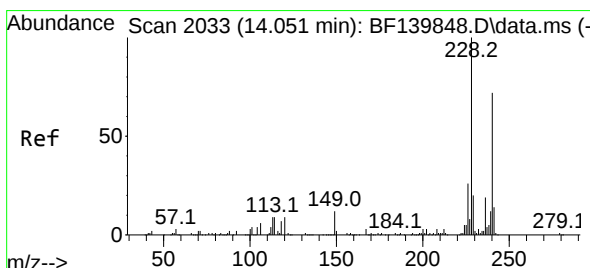
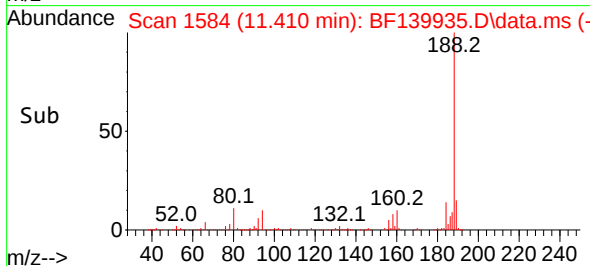
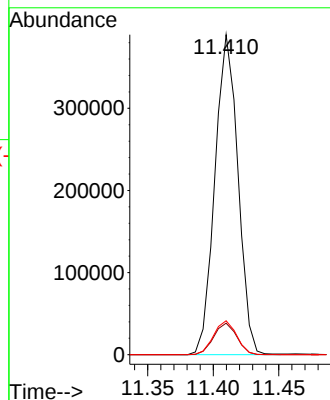
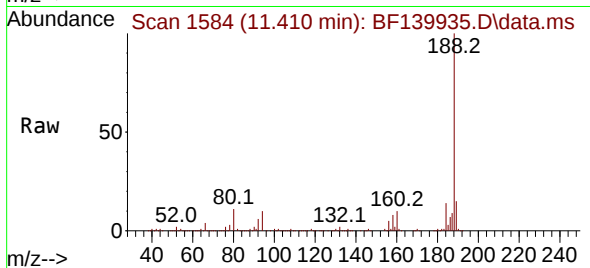
Tgt Ion:188 Resp: 475855

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

80 10.6 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: BF139935.D

Acq: 22 Oct 2024 18:27

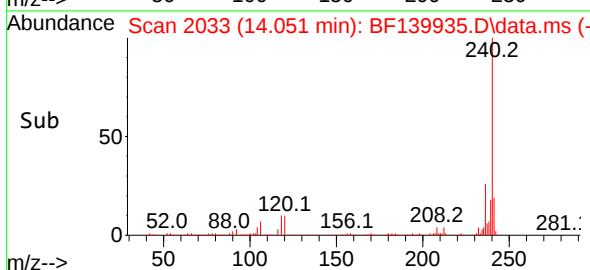
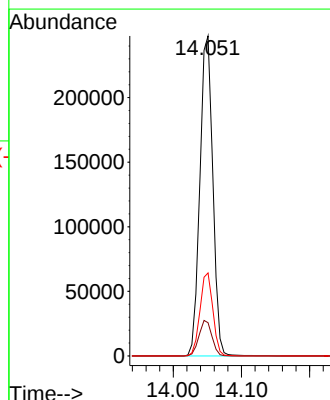
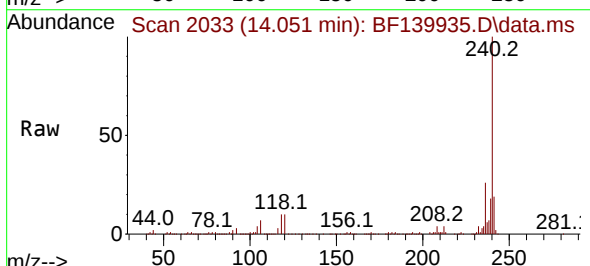
Tgt Ion:240 Resp: 325699

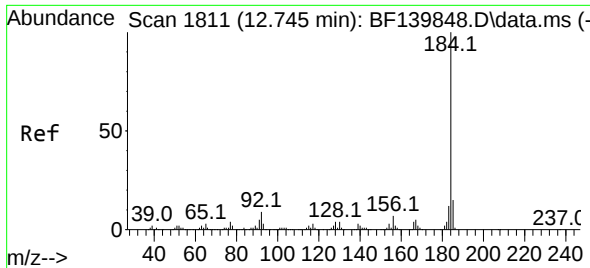
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 25.9 20.9 31.3

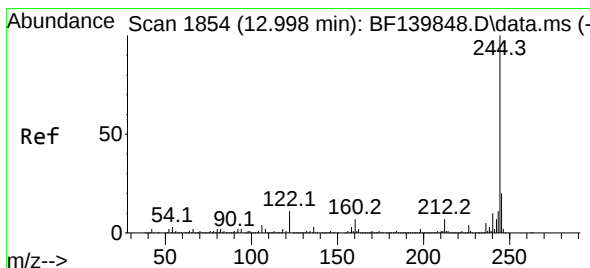
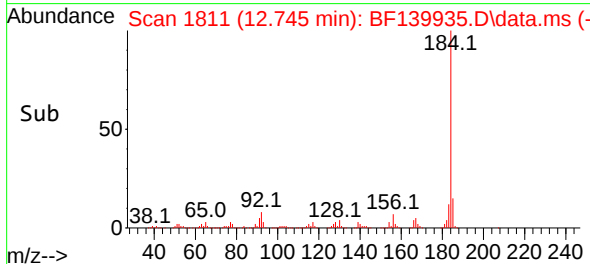
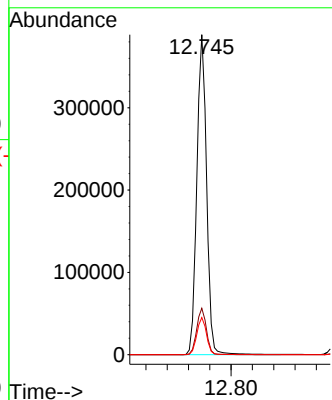
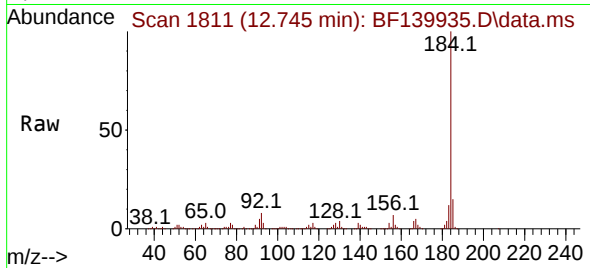




#77
Benzidine
Concen: 92.585 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

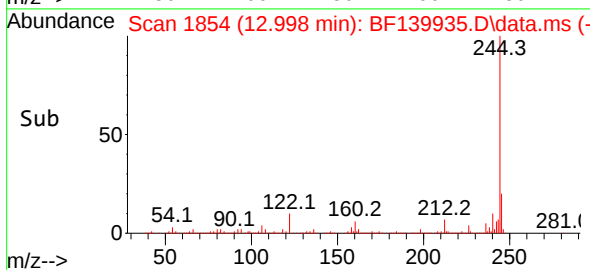
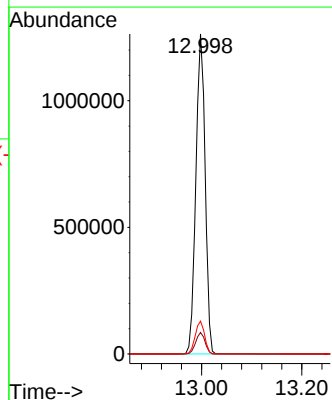
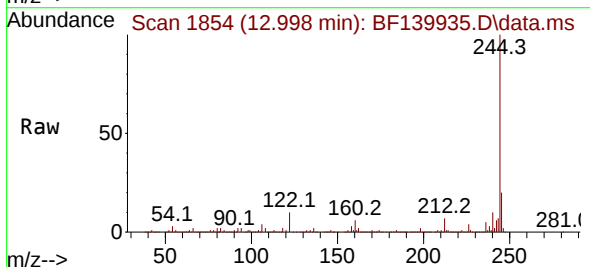
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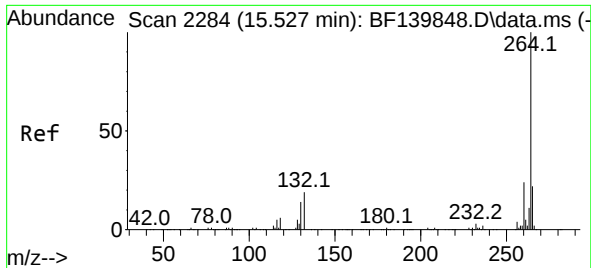
Tgt Ion:184 Resp: 495850
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.6 9.4 14.2



#79
Terphenyl-d14
Concen: 80.999 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139935.D
Acq: 22 Oct 2024 18:27

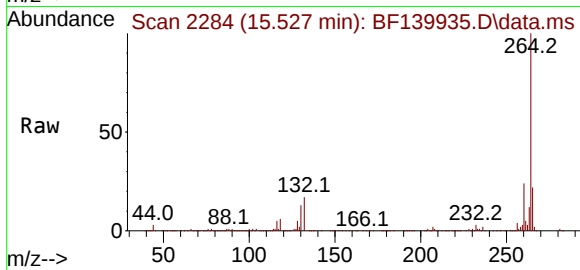
Tgt Ion:244 Resp: 1619010
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.3 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139935.D
 Acq: 22 Oct 2024 18:27

Instrument :
 BNA_F
 ClientSampleId :
 OG-315-HR-502-COMP-30



Tgt Ion:264 Resp: 354964
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.5 17.4 26.0

