

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139741.D
 Acq On : 10 Oct 2024 12:42
 Operator : RC/JU
 Sample : P4340-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-3

Quant Time: Oct 10 13:06:50 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

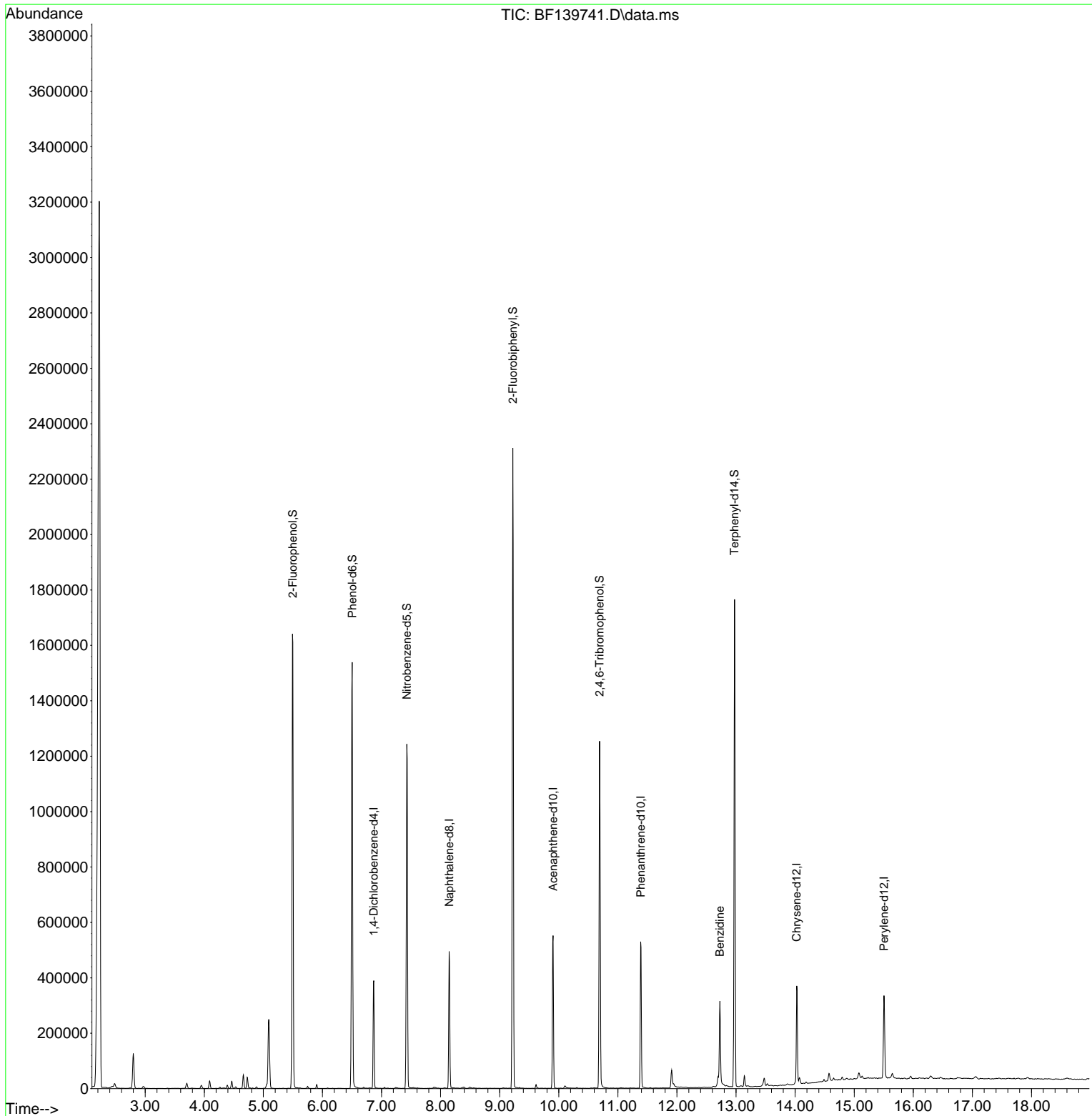
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81182	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304829	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	162499	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	287458	20.000	ng	0.00
76) Chrysene-d12	14.027	240	168792	20.000	ng	0.00
86) Perylene-d12	15.504	264	168324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	587214	125.371	ng	0.01
7) Phenol-d6	6.504	99	713343	113.252	ng	0.00
23) Nitrobenzene-d5	7.428	82	556743	92.472	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	197801	126.095	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1000744	94.544	ng	0.00
79) Terphenyl-d14	12.974	244	840723	81.727	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	179791	60.387	ng	Qvalue 99

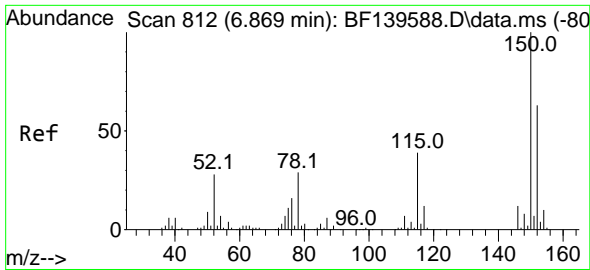
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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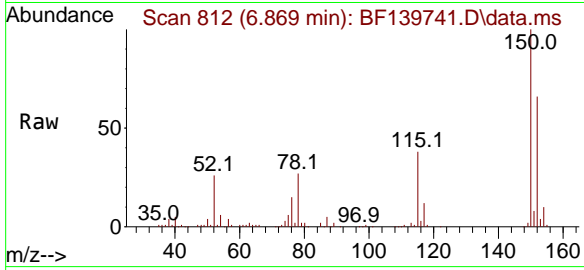
Quant Time: Oct 10 13:06:50 2024
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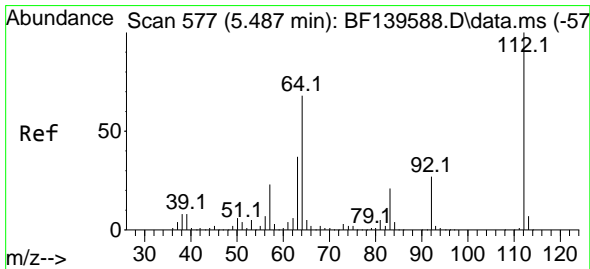
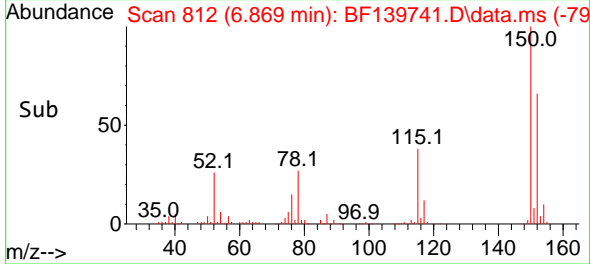
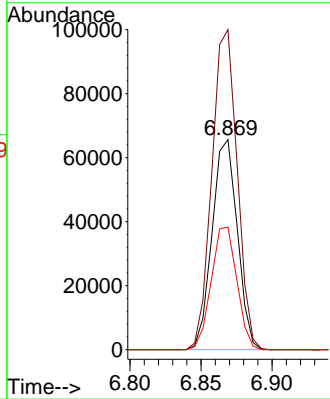


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Instrument :
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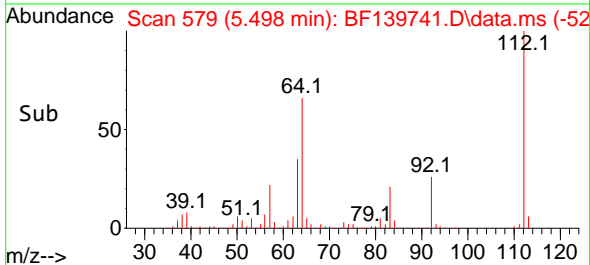
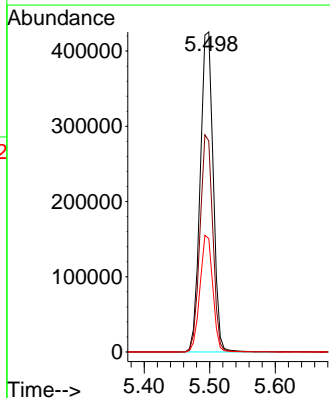
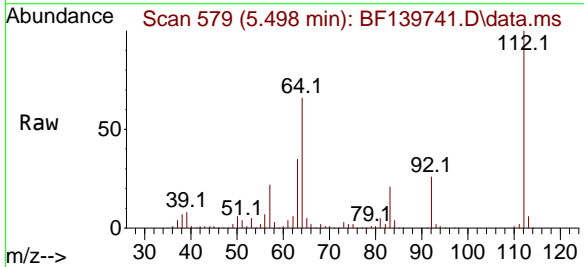


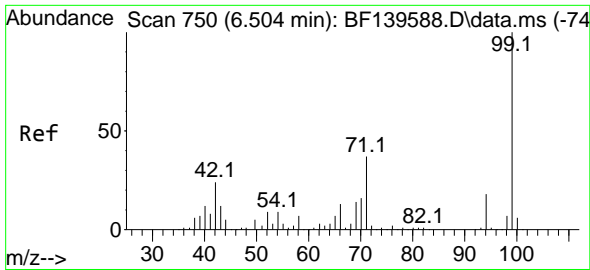
Tgt Ion:152 Resp: 81182
 Ion Ratio Lower Upper
 152 100
 150 152.3 127.2 190.8
 115 58.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 125.371 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.011 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

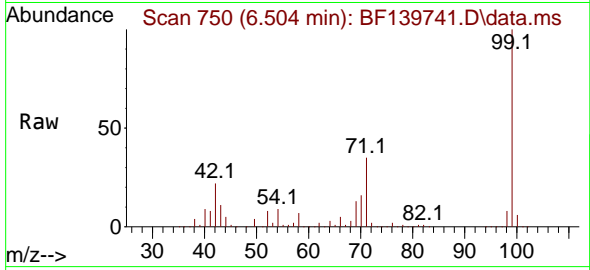
Tgt Ion:112 Resp: 587214
 Ion Ratio Lower Upper
 112 100
 64 65.9 54.2 81.4
 63 35.5 29.4 44.2





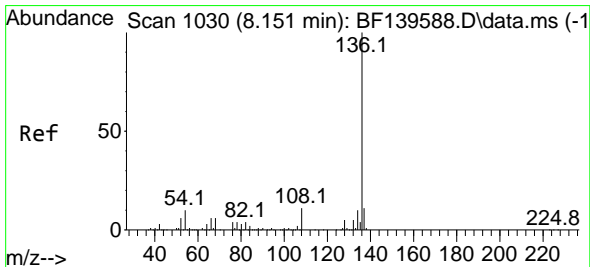
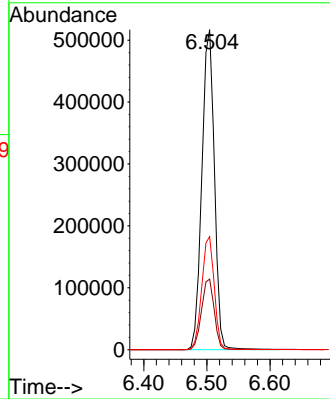
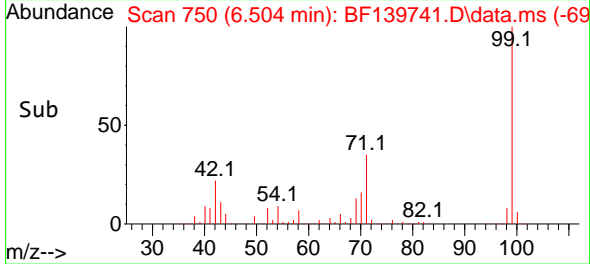
#7
 Phenol-d6
 Concen: 113.252 ng
 RT: 6.504 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Instrument :
 BNA_F
 ClientSampleId :
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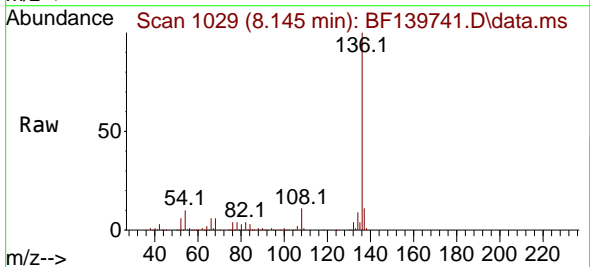


Tgt Ion: 99 Resp: 713343

Ion	Ratio	Lower	Upper
99	100		
42	22.0	19.1	28.7
71	35.3	29.7	44.5

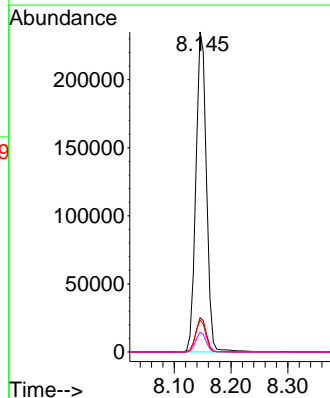
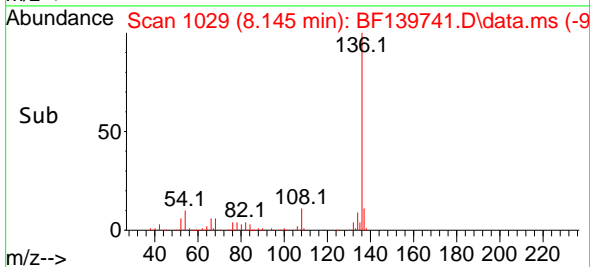


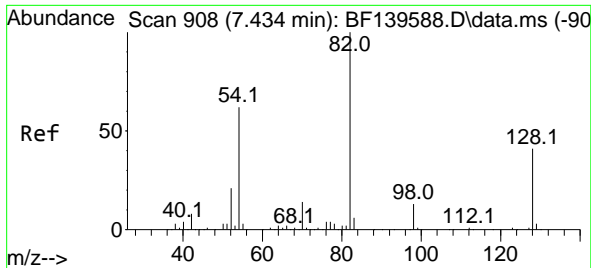
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.145 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42



Tgt Ion: 136 Resp: 304829

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.3	12.5
68	6.2	4.6	7.0



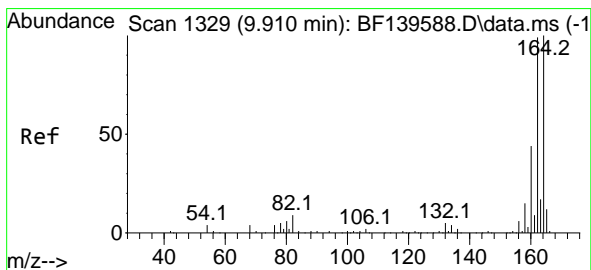
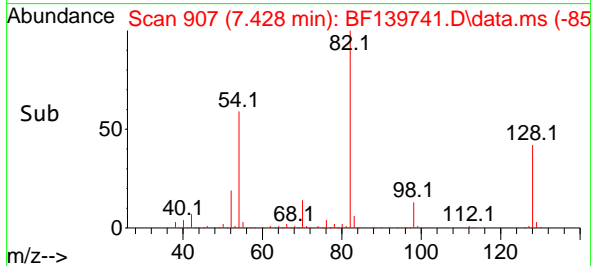
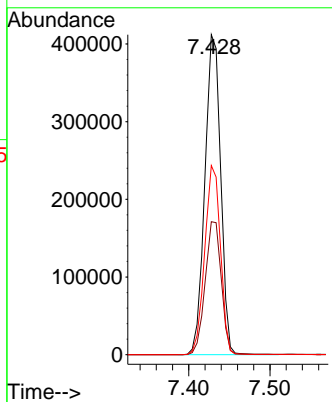
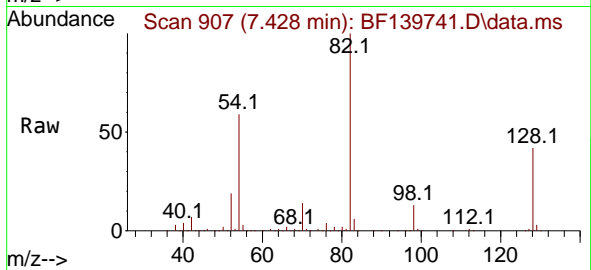


#23
 Nitrobenzene-d5
 Concen: 92.472 ng
 RT: 7.428 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 556743

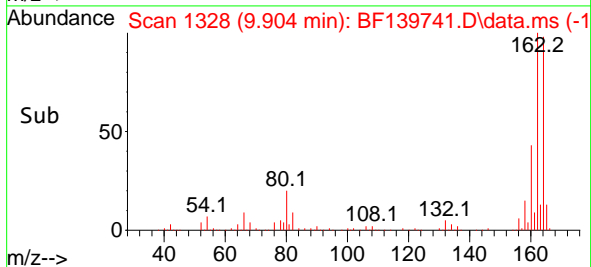
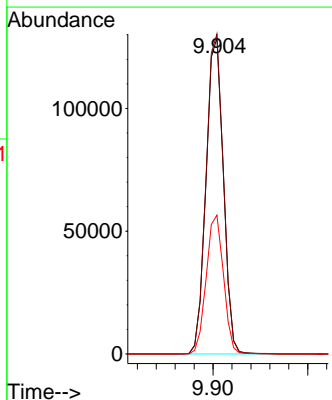
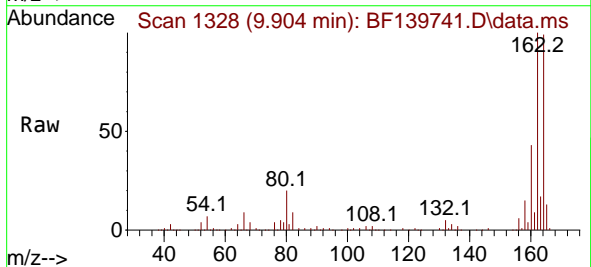
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.4	48.6
54	59.1	49.1	73.7

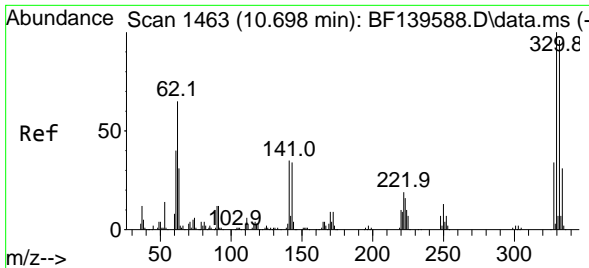


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Tgt Ion: 164 Resp: 162499

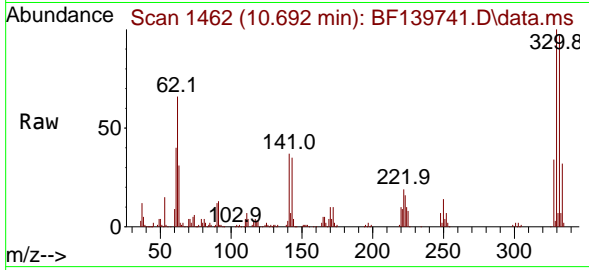
Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.0
160	43.9	35.1	52.7



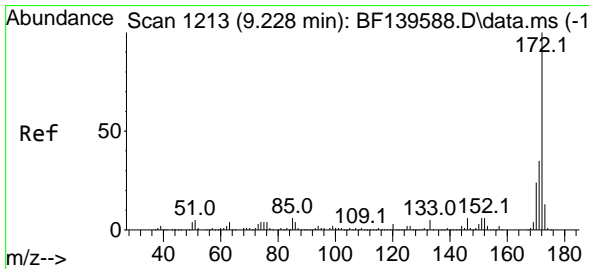
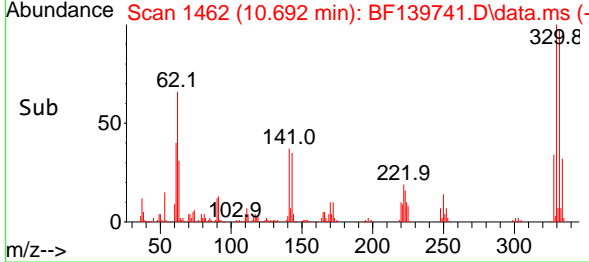
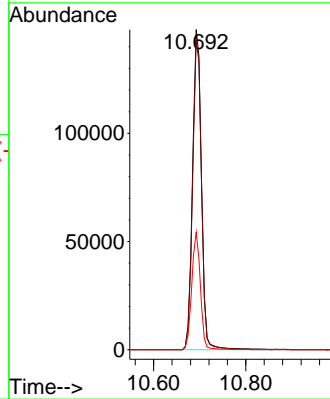


#42
 2,4,6-Tribromophenol
 Concen: 126.095 ng
 RT: 10.692 min Scan# 1462
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

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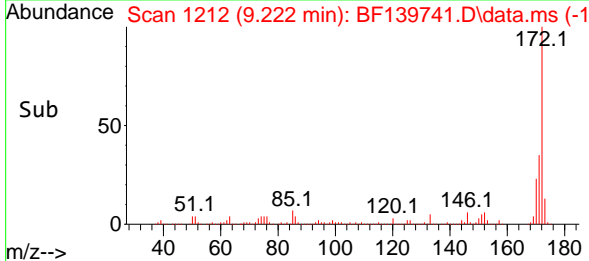
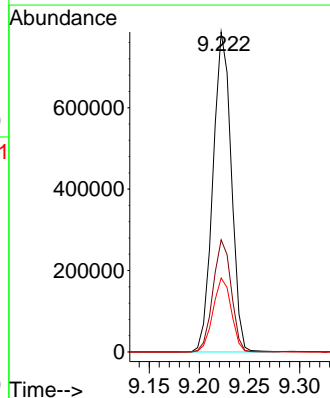
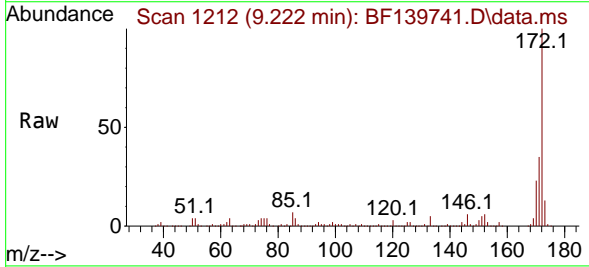


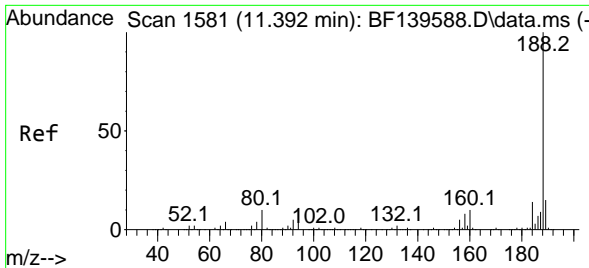
Tgt Ion:330 Resp: 197801
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.5 114.7
 141 35.6 29.3 43.9



#45
 2-Fluorobiphenyl
 Concen: 94.544 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

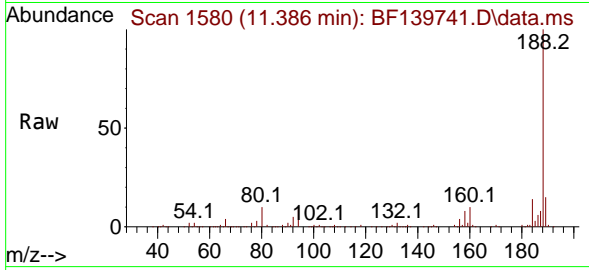
Tgt Ion:172 Resp: 1000744
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.4
 170 23.1 18.8 28.2



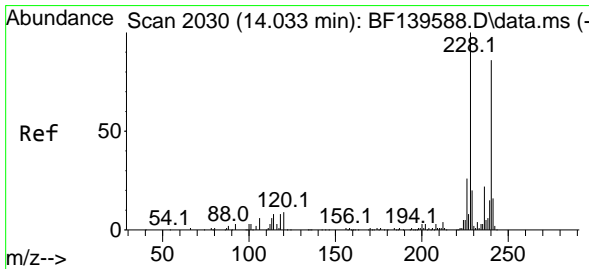
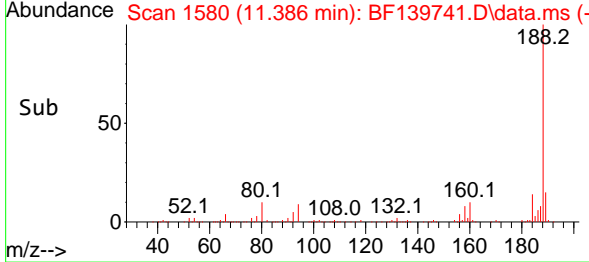
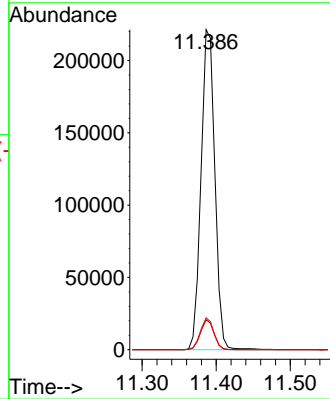


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Instrument :
 BNA_F
 ClientSampleId :
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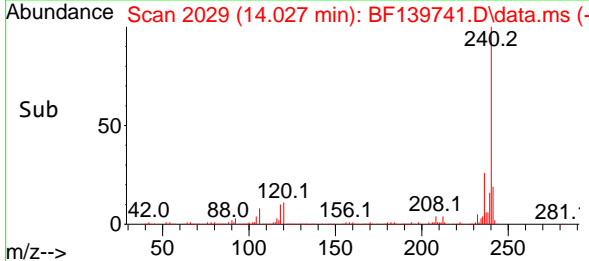
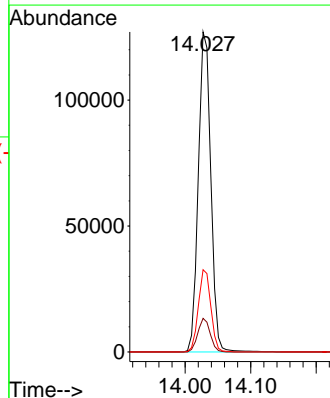
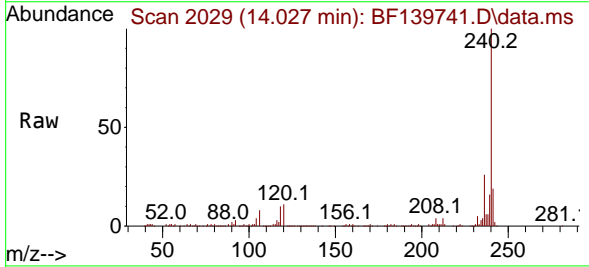


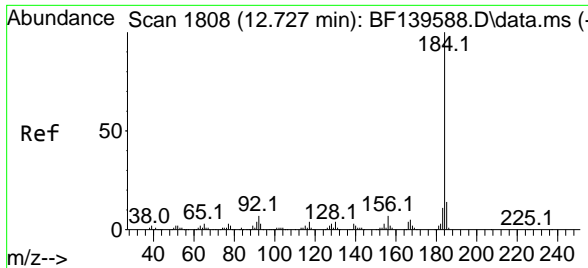
Tgt Ion:188 Resp: 287458
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.4 11.2
 80 10.0 8.2 12.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Tgt Ion:240 Resp: 168792
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 25.7 20.3 30.5

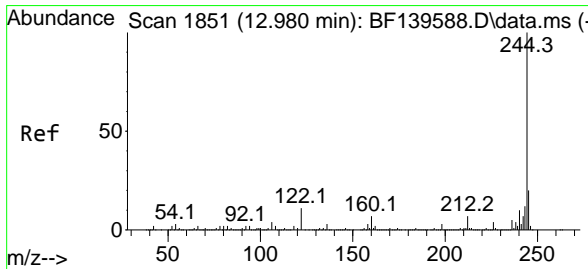
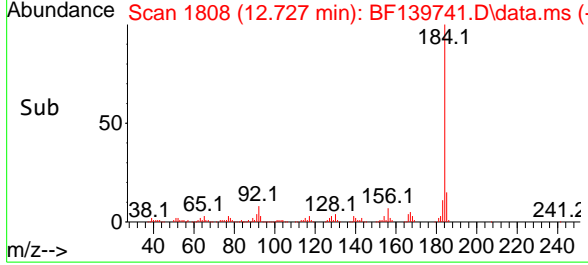
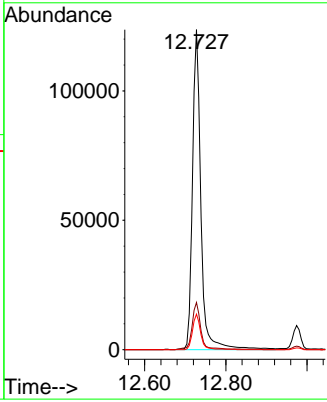
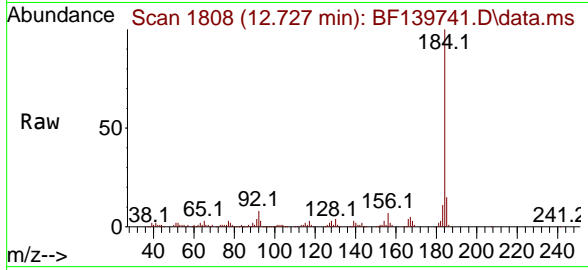




#77
 Benzidine
 Concen: 60.387 ng
 RT: 12.727 min Scan# 1808
 Delta R.T. -0.000 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

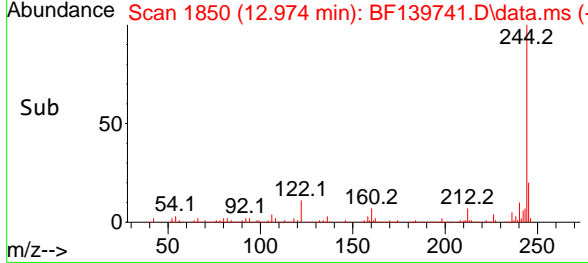
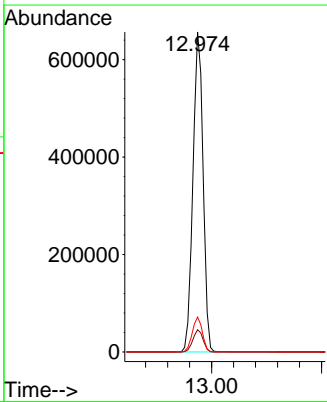
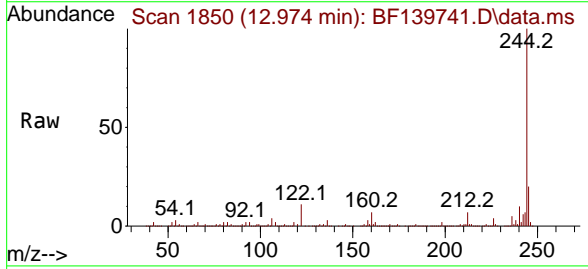
Instrument : BNA_F
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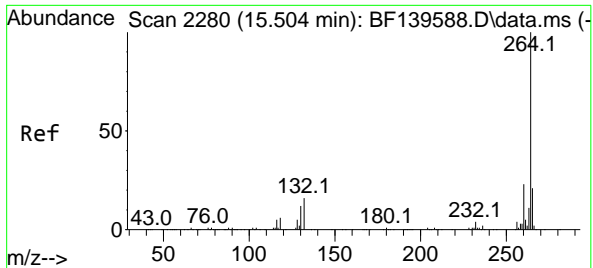
Tgt Ion	Resp	Lower	Upper
184	100		
185	14.8	11.4	17.0
183	11.1	8.8	13.2



#79
 Terphenyl-d14
 Concen: 81.727 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	10.9	8.6	12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139741.D
 Acq: 10 Oct 2024 12:42

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Resp	Lower	Upper
264	168324	100	100
260	23.8	18.7	28.1
265	21.1	16.9	25.3

