

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091724\  
 Data File : BF139410.D  
 Acq On : 17 Sep 2024 19:01  
 Operator : RC/JU  
 Sample : P4002-05 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-4

Quant Time: Sep 18 00:47:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	64359	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	219348	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	96992	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	161911	20.000	ng	0.00
76) Chrysene-d12	14.027	240	99467	20.000	ng	0.00
86) Perylene-d12	15.498	264	71993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	177784	45.064	ng	0.00
7) Phenol-d6	6.498	99	228650	44.156	ng	0.00
23) Nitrobenzene-d5	7.434	82	153013	32.794	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	38968	37.738	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	242824	35.113	ng	0.00
79) Terphenyl-d14	12.974	244	218234	36.013	ng	0.00

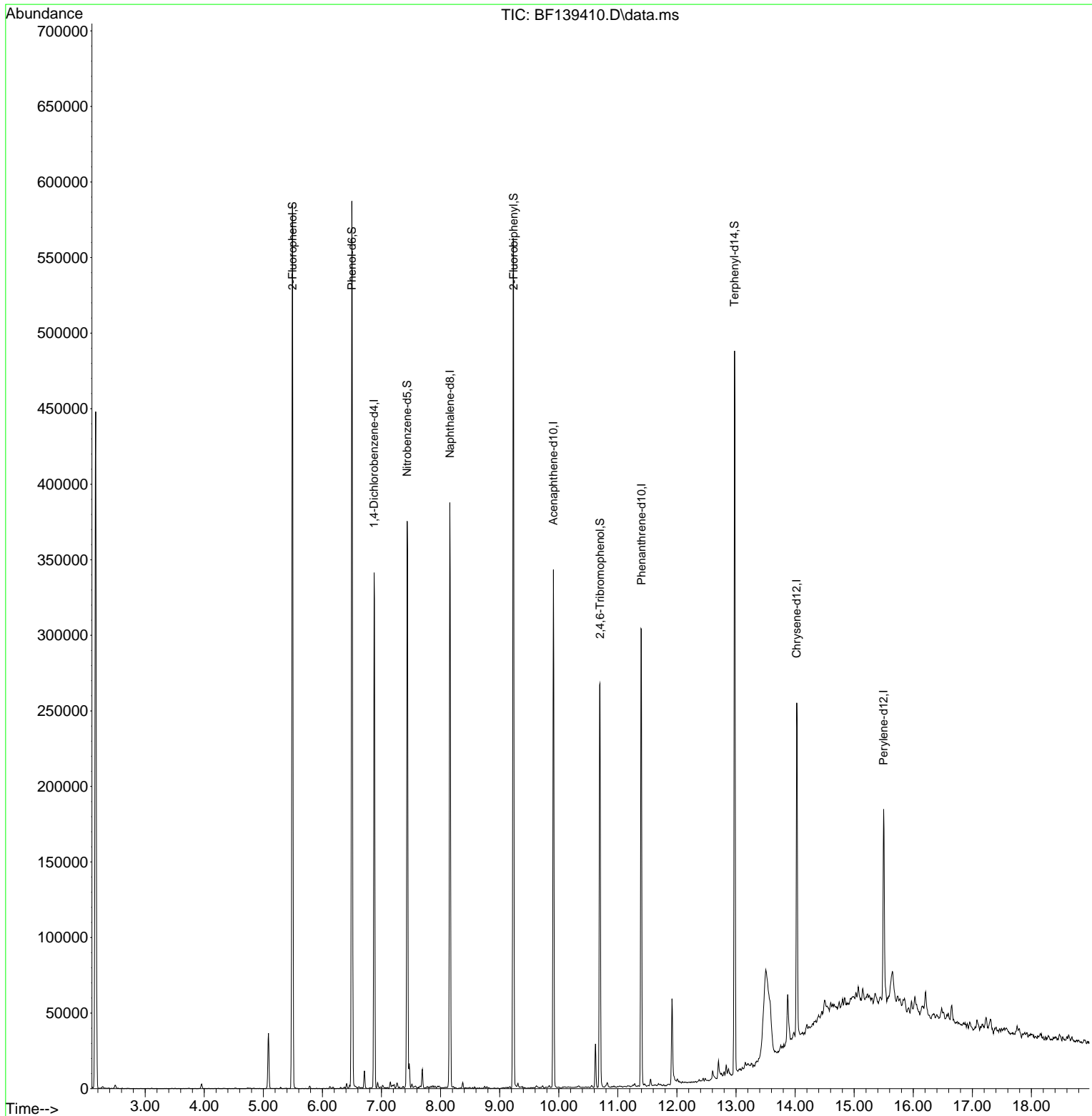
Target Compounds Qvalue

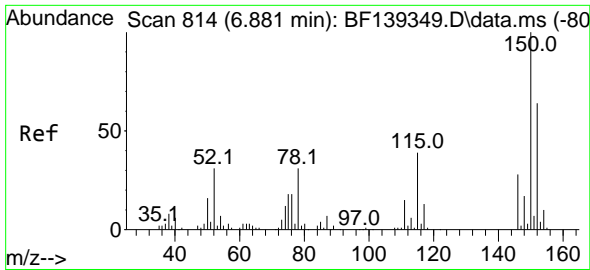
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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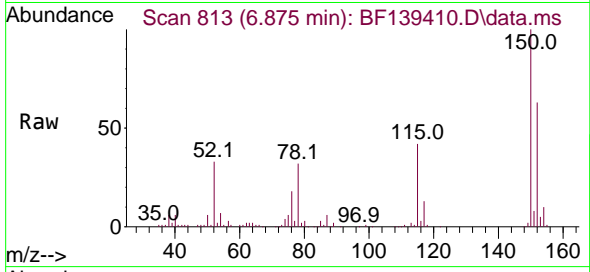
Quant Time: Sep 18 00:47:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
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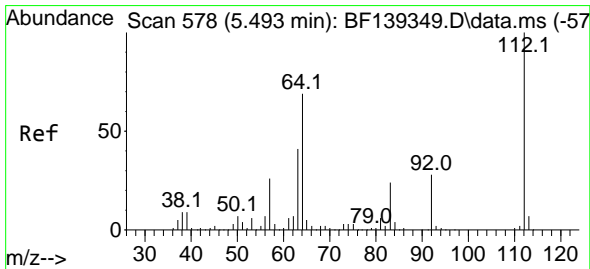
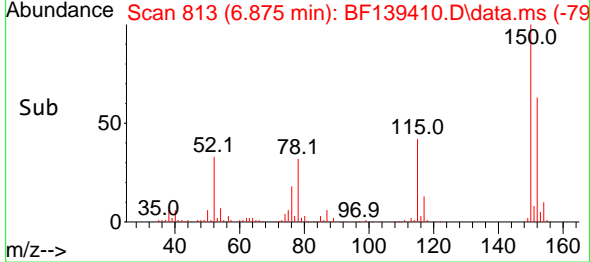
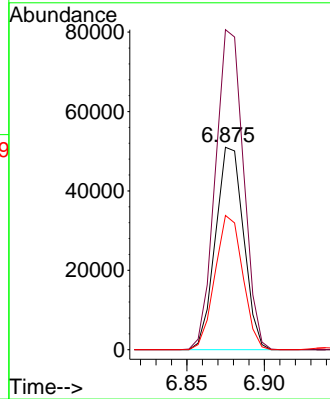


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 814  
 Delta R.T. -0.006 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

Instrument :  
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 ClientSampleId :  
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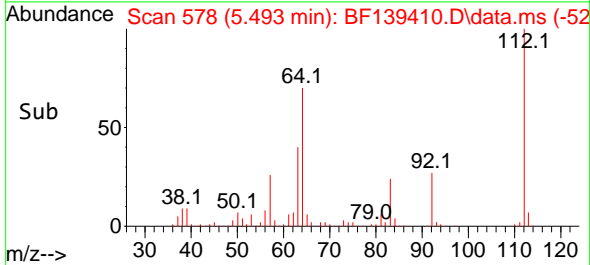
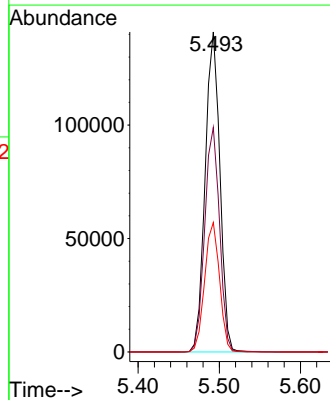
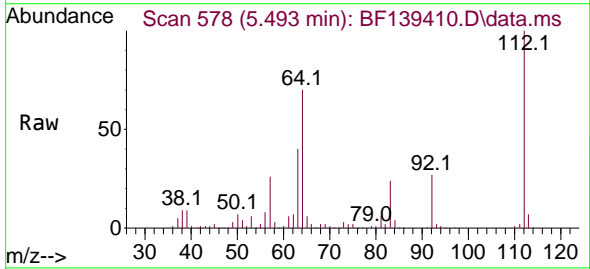


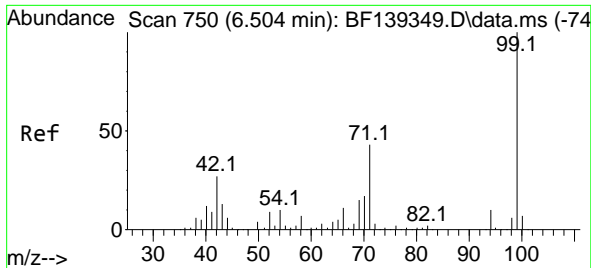
Tgt Ion:152 Resp: 64359  
 Ion Ratio Lower Upper  
 152 100  
 150 158.1 124.1 186.1  
 115 66.4 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 45.064 ng  
 RT: 5.493 min Scan# 578  
 Delta R.T. -0.000 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

Tgt Ion:112 Resp: 177784  
 Ion Ratio Lower Upper  
 112 100  
 64 70.2 54.8 82.2  
 63 40.4 33.0 49.4



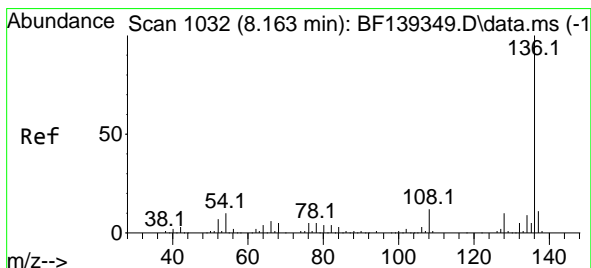
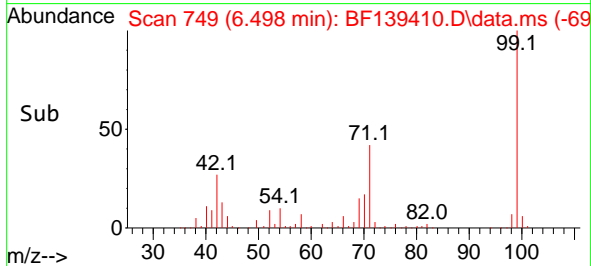
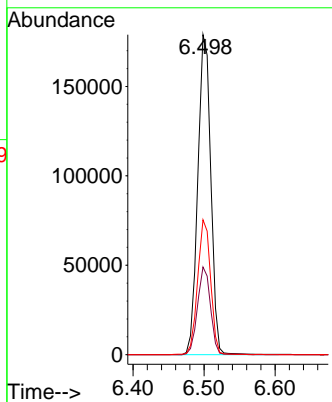
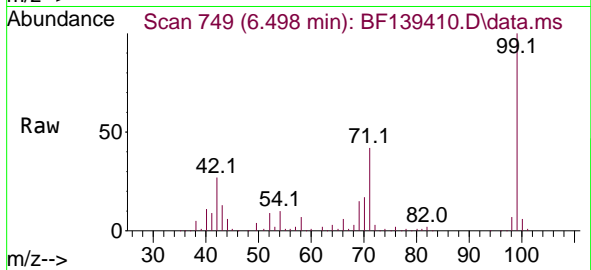


#7  
 Phenol-d6  
 Concen: 44.156 ng  
 RT: 6.498 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

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Tgt Ion: 99 Resp: 228650

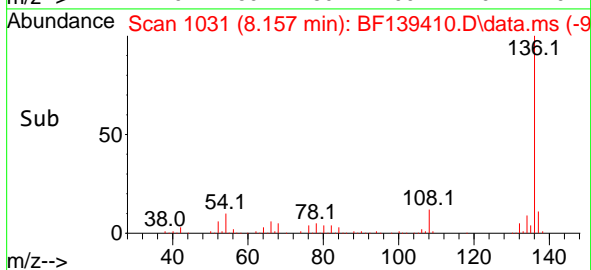
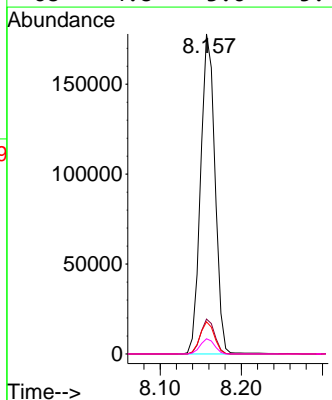
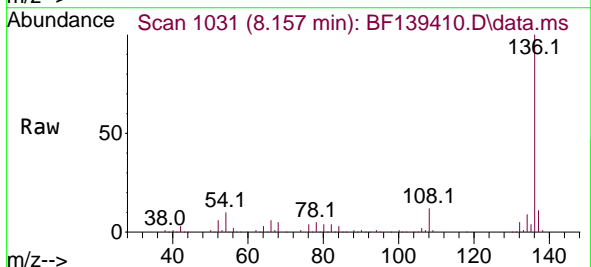
Ion	Ratio	Lower	Upper
99	100		
42	27.4	21.9	32.9
71	42.2	34.6	52.0

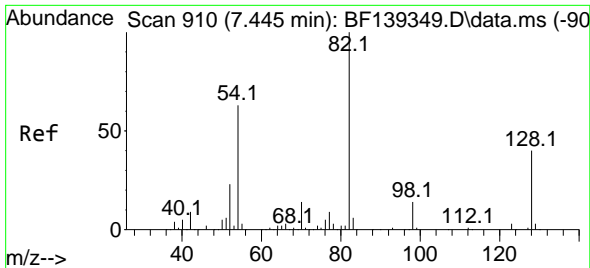


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.157 min Scan# 1031  
 Delta R.T. -0.006 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

Tgt Ion: 136 Resp: 219348

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.1	7.8	11.8
68	4.8	3.6	5.4



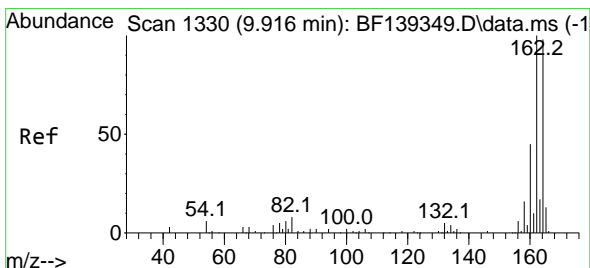
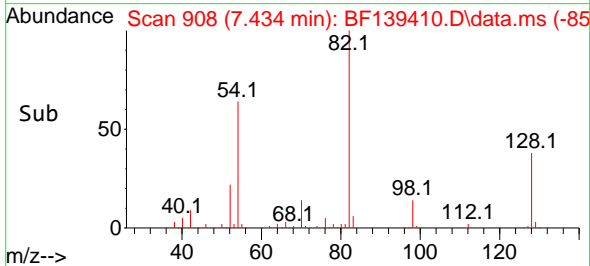
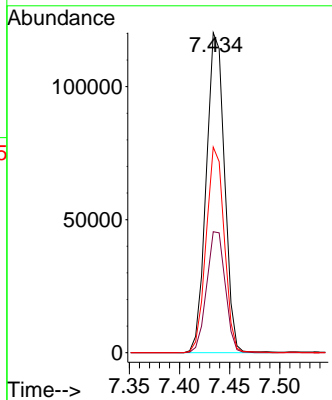
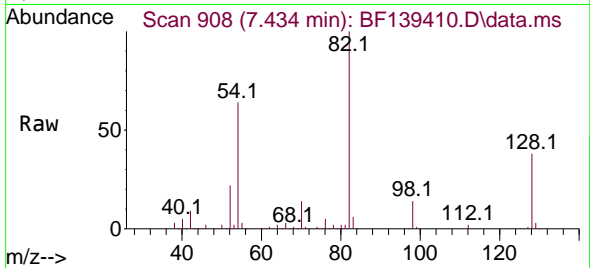


#23  
 Nitrobenzene-d5  
 Concen: 32.794 ng  
 RT: 7.434 min Scan# 90  
 Delta R.T. -0.012 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

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Tgt Ion: 82 Resp: 153013

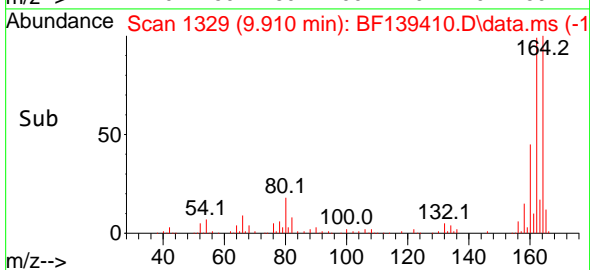
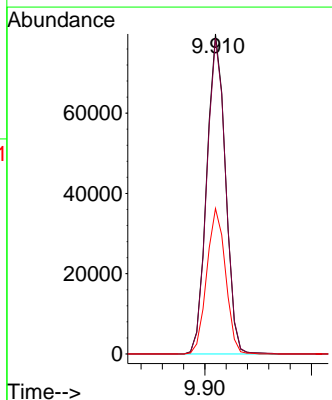
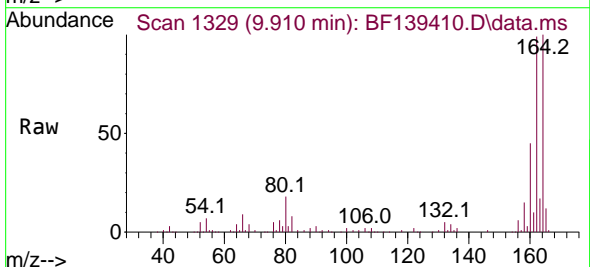
Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.8	47.6
54	64.3	50.6	75.8

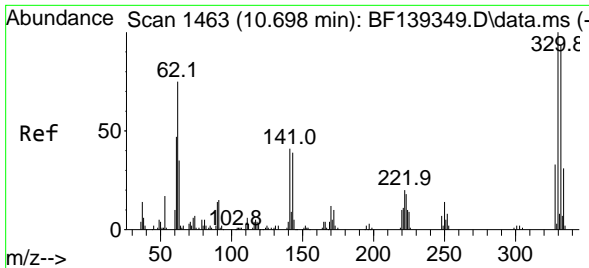


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.910 min Scan# 1329  
 Delta R.T. -0.006 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

Tgt Ion: 164 Resp: 96992

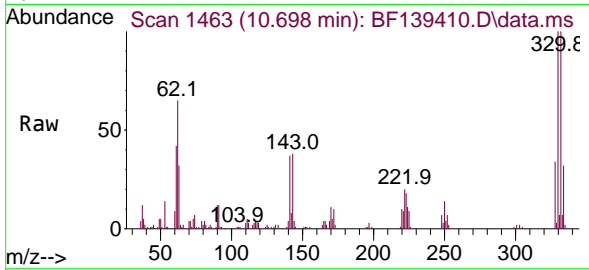
Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.3	121.9
160	45.4	36.4	54.6



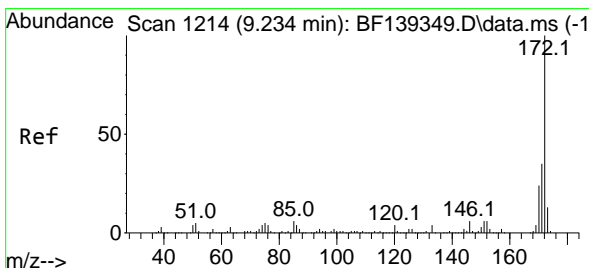
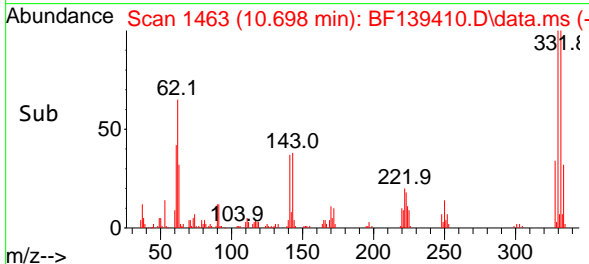
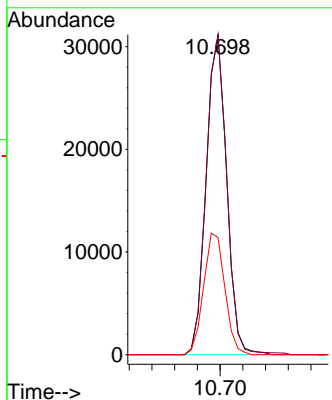


#42  
 2,4,6-Tribromophenol  
 Concen: 37.738 ng  
 RT: 10.698 min Scan# 1463  
 Delta R.T. -0.000 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

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 ClientSampleId :  
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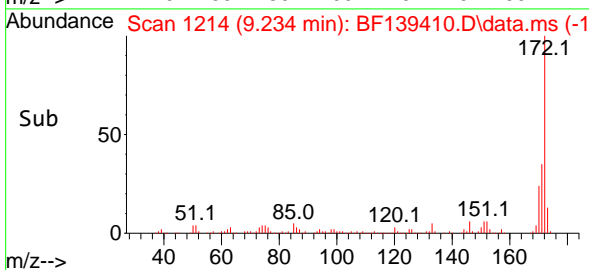
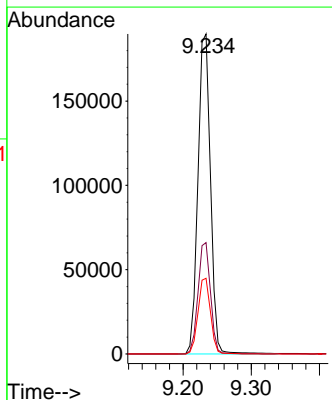
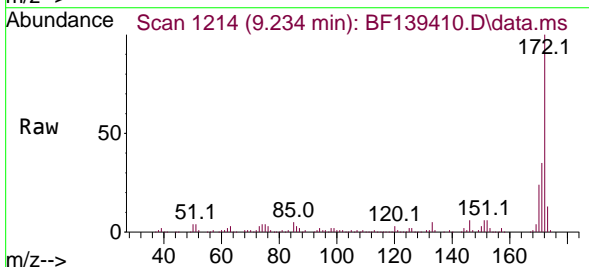


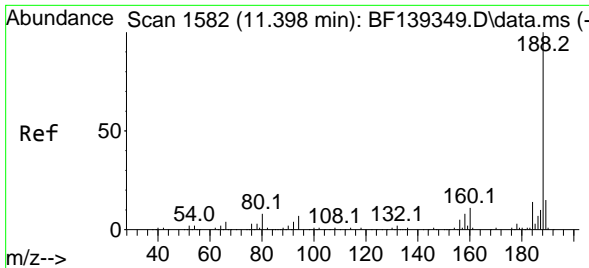
Tgt Ion:330 Resp: 38968  
 Ion Ratio Lower Upper  
 330 100  
 332 100.7 75.2 112.8  
 141 39.4 31.2 46.8



#45  
 2-Fluorobiphenyl  
 Concen: 35.113 ng  
 RT: 9.234 min Scan# 1214  
 Delta R.T. -0.000 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

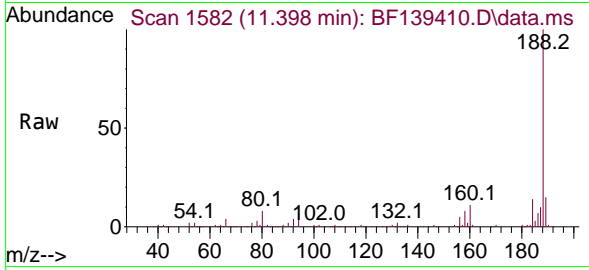
Tgt Ion:172 Resp: 242824  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 28.3 42.5  
 170 23.7 19.0 28.6



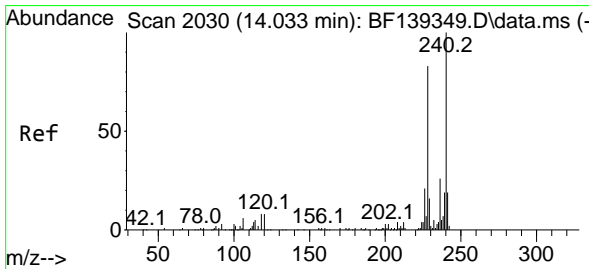
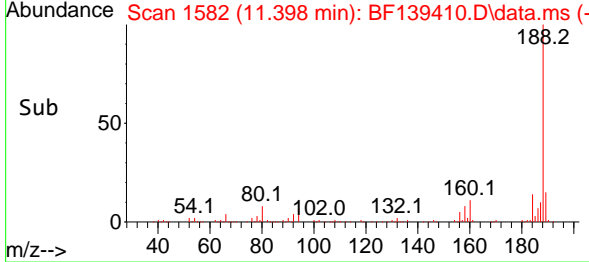
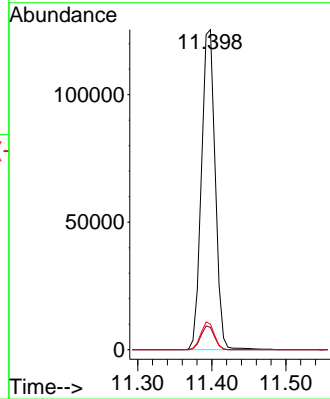


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.398 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

Instrument :  
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 ClientSampleId :  
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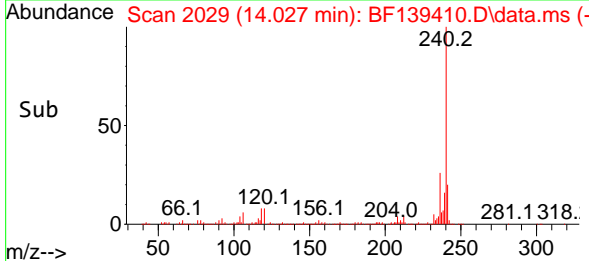
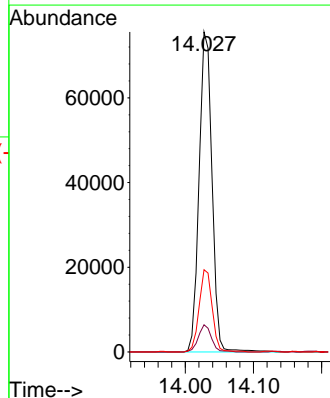
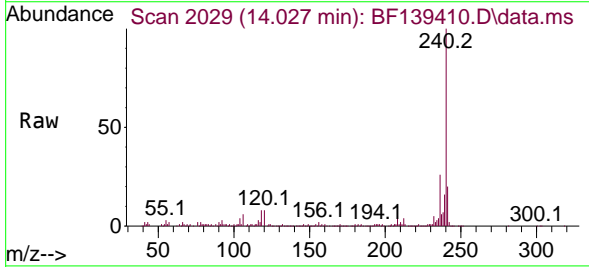


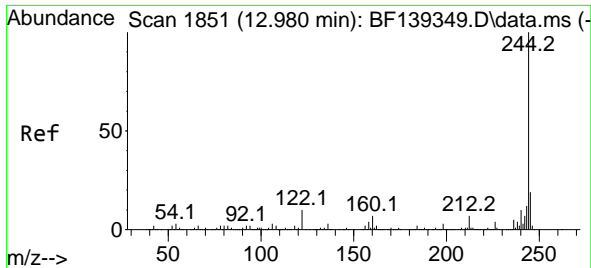
Tgt Ion:188 Resp: 161911  
 Ion Ratio Lower Upper  
 188 100  
 94 7.0 5.5 8.3  
 80 8.0 6.6 9.8



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.027 min Scan# 2029  
 Delta R.T. -0.006 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

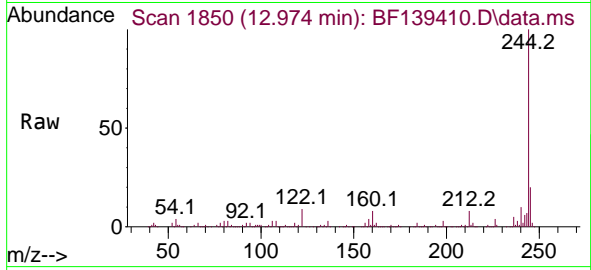
Tgt Ion:240 Resp: 99467  
 Ion Ratio Lower Upper  
 240 100  
 120 8.5 6.2 9.2  
 236 25.7 20.9 31.3



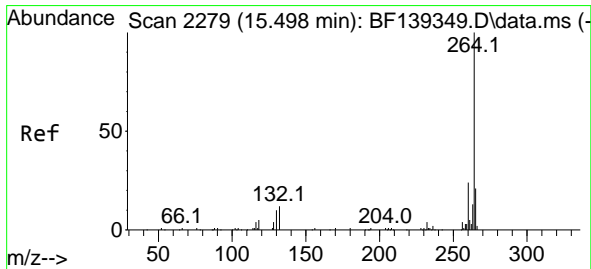
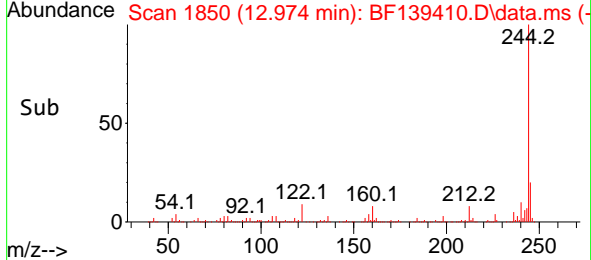
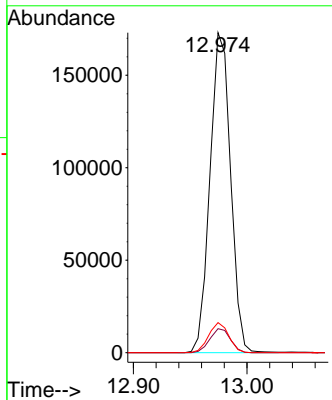


#79  
 Terphenyl-d14  
 Concen: 36.013 ng  
 RT: 12.974 min Scan# 1850  
 Delta R.T. -0.006 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

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Tgt Ion:244 Resp: 218234  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.0 9.0  
 122 9.4 7.6 11.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.498 min Scan# 2279  
 Delta R.T. -0.000 min  
 Lab File: BF139410.D  
 Acq: 17 Sep 2024 19:01

Tgt Ion:264 Resp: 71993  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.5 29.3  
 265 22.6 16.6 25.0

