

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139744.D
 Acq On : 10 Oct 2024 14:08
 Operator : RC/JU
 Sample : P4340-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-7

Quant Time: Oct 10 14:45:51 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)

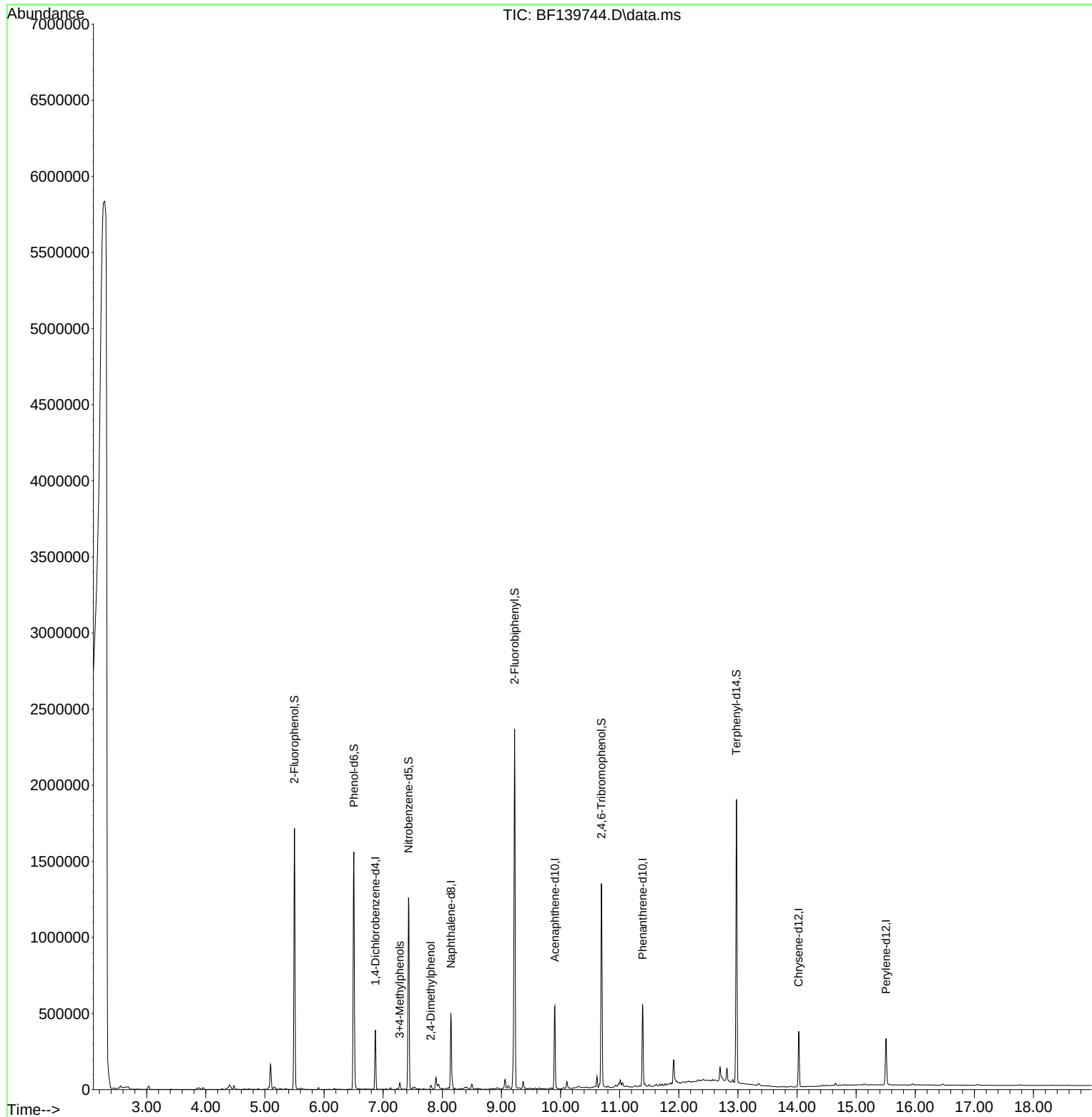
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79835	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	298273	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	165062	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	286061	20.000	ng	0.00
76) Chrysene-d12	14.027	240	167873	20.000	ng	0.00
86) Perylene-d12	15.504	264	172959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	589448	127.971	ng	0.01
7) Phenol-d6	6.504	99	702672	113.440	ng	0.00
23) Nitrobenzene-d5	7.428	82	559843	95.030	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	212038	133.072	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1012439	94.163	ng	0.00
79) Terphenyl-d14	12.975	244	896713	87.647	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.281	107	16169	3.125	ng	Qvalue # 48
27) 2,4-Dimethylphenol	7.804	122	8372	2.608	ng	95

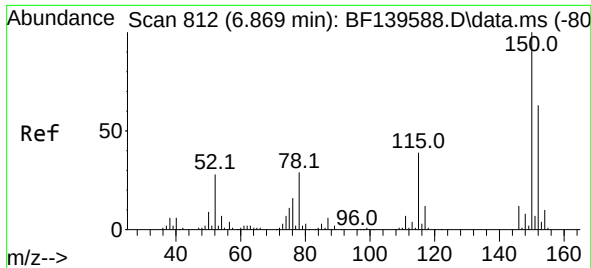
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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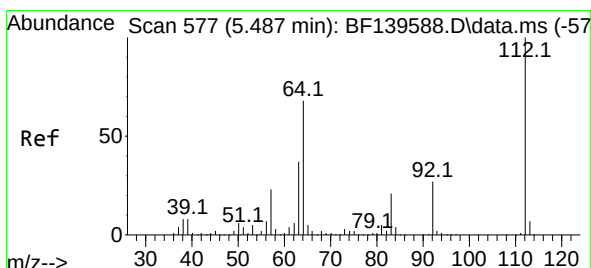
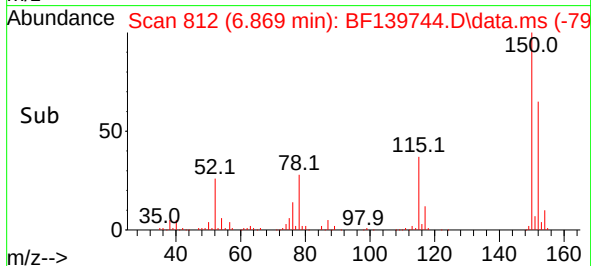
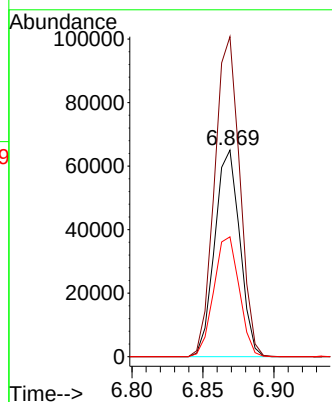
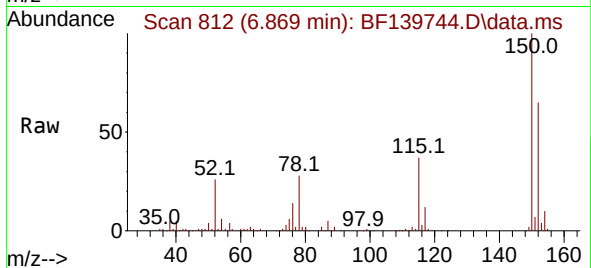




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

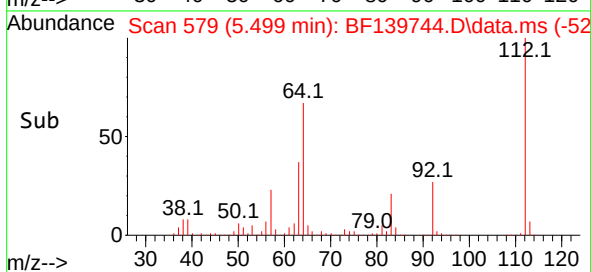
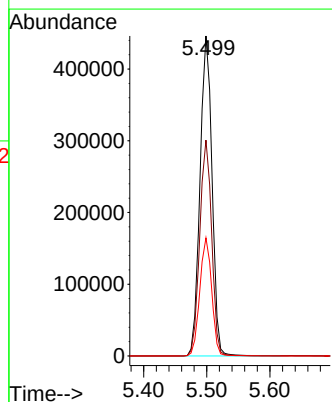
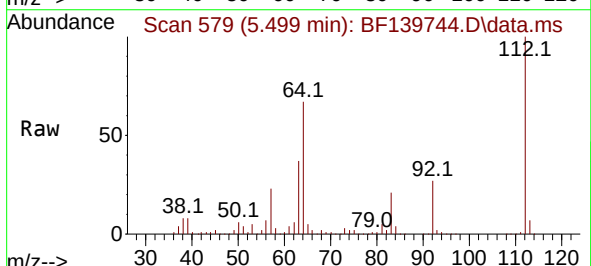
Instrument :
BNA_F
ClientSampleId :
1B-7

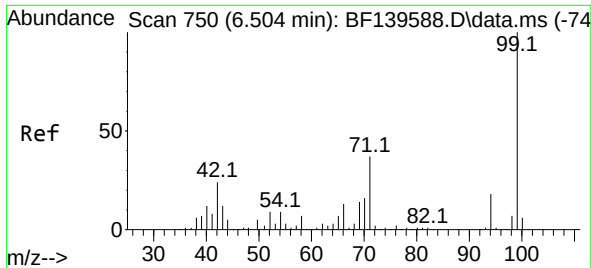
Tgt Ion:152 Resp: 79835
Ion Ratio Lower Upper
152 100
150 154.9 127.2 190.8
115 58.0 49.0 73.4



#5
2-Fluorophenol
Concen: 127.971 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:112 Resp: 589448
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.9 29.4 44.2

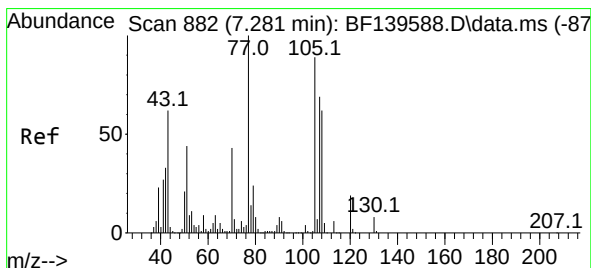
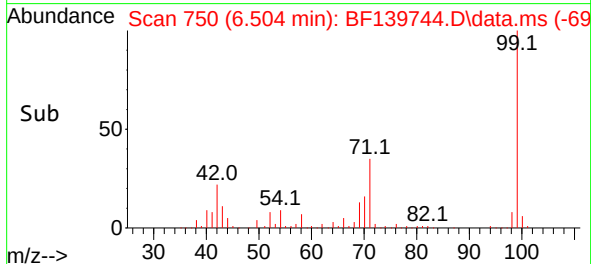
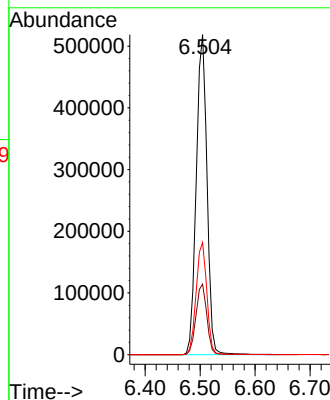
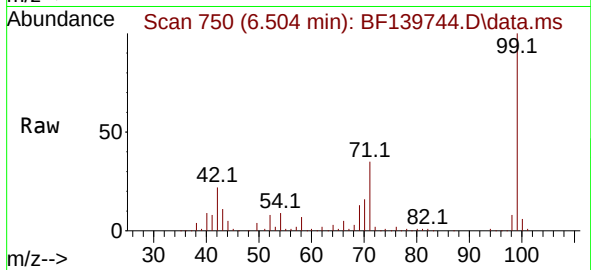




#7
Phenol-d6
Concen: 113.440 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

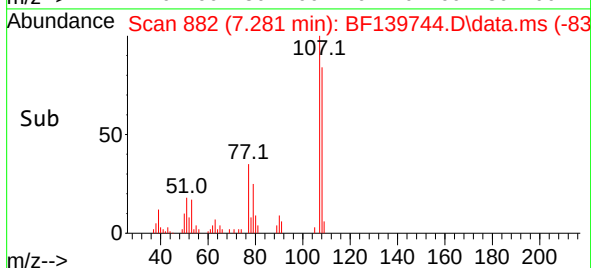
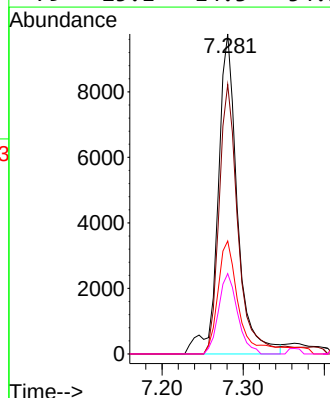
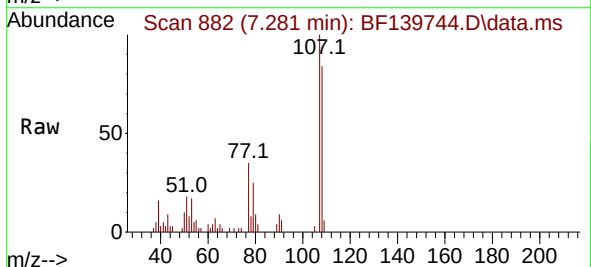
Instrument :
BNA_F
ClientSampleId :
1B-7

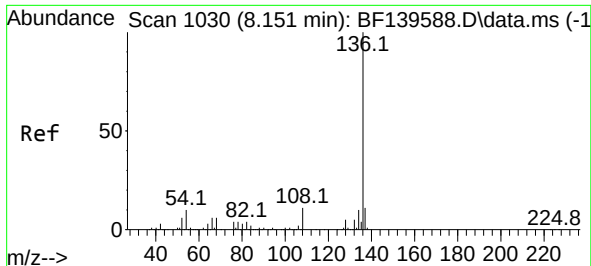
Tgt Ion: 99 Resp: 702672
Ion Ratio Lower Upper
99 100
42 22.0 19.1 28.7
71 35.0 29.7 44.5



#20
3+4-Methylphenols
Concen: 3.125 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion: 107 Resp: 16169
Ion Ratio Lower Upper
107 100
108 84.2 70.2 110.2
77 35.3 125.3 165.3#
79 25.1 14.3 54.3



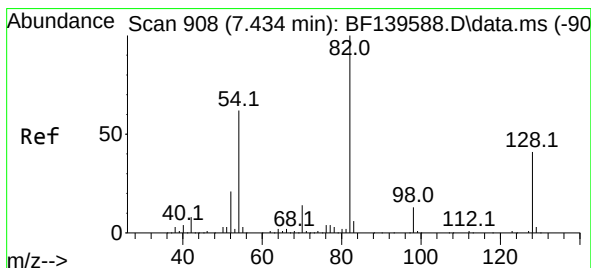
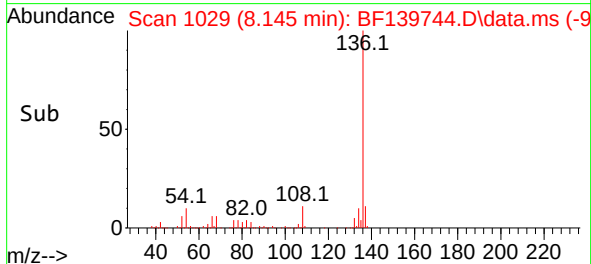
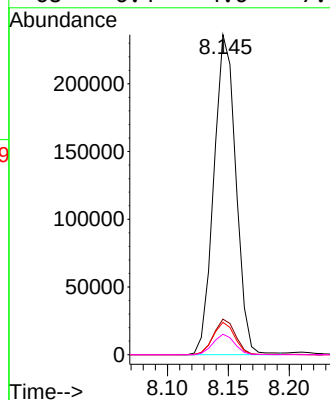
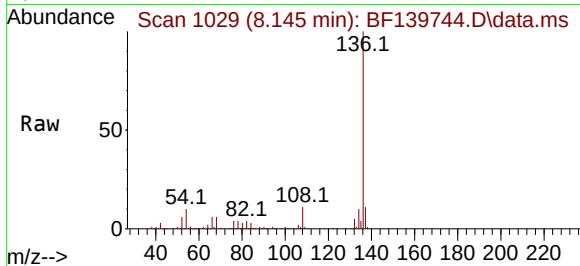


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Instrument :
BNA_F
ClientSampleId :
1B-7

Tgt Ion:136 Resp: 298273

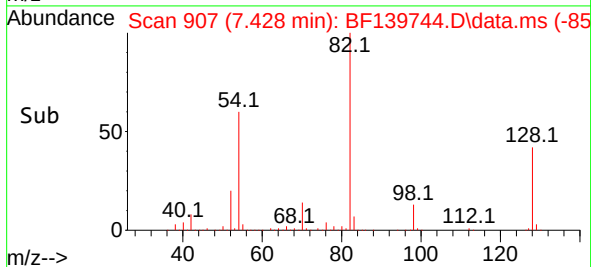
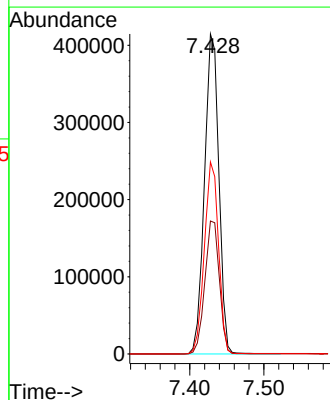
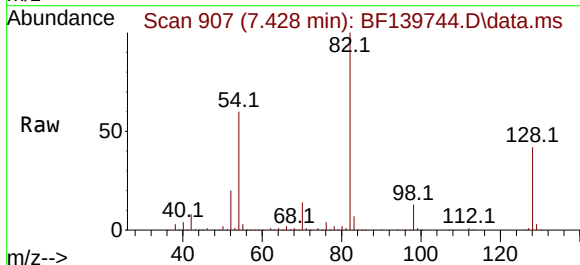
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	8.3	12.5
68	6.4	4.6	7.0

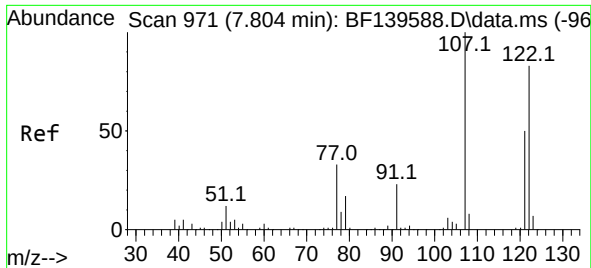


#23
Nitrobenzene-d5
Concen: 95.030 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion: 82 Resp: 559843

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.4	48.6
54	60.0	49.1	73.7

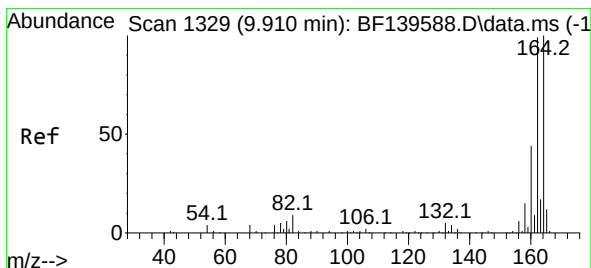
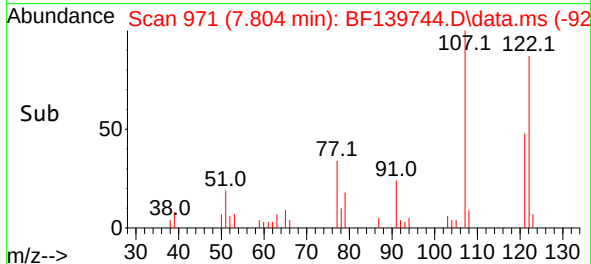
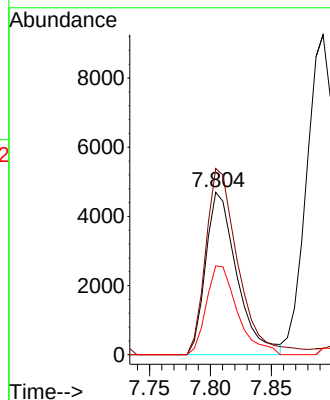
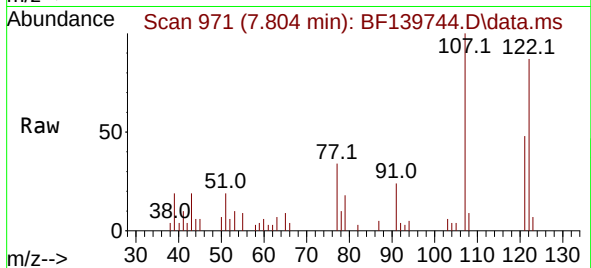




#27
2,4-Dimethylphenol
Concen: 2.608 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

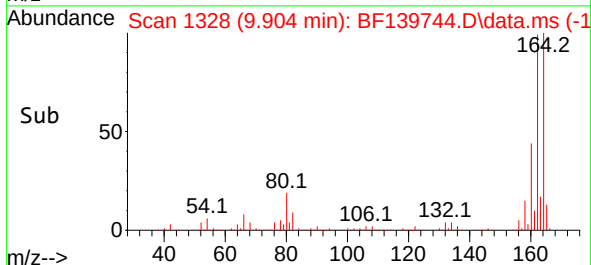
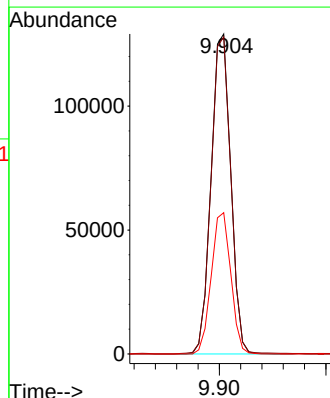
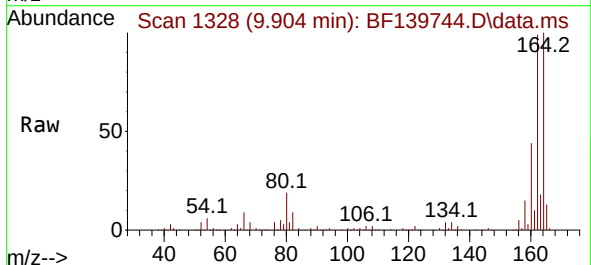
Instrument :
BNA_F
ClientSampleId :
1B-7

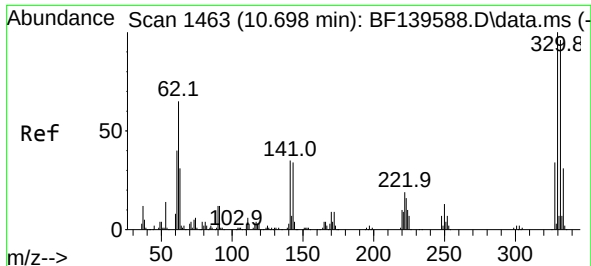
Tgt Ion:	122	Resp:	8372
Ion	Ratio	Lower	Upper
122	100		
107	114.7	95.4	143.0
121	54.7	47.4	71.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:	164	Resp:	165062
Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.4	119.0
160	44.1	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 133.072 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139744.D

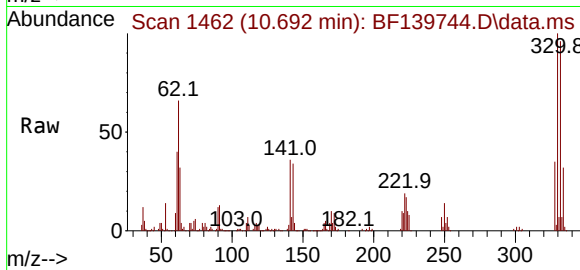
Acq: 10 Oct 2024 14:08

Instrument :

BNA_F

ClientSampleId :

1B-7



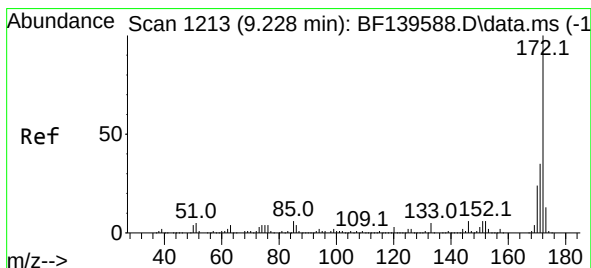
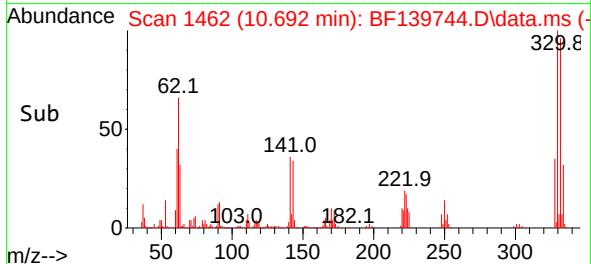
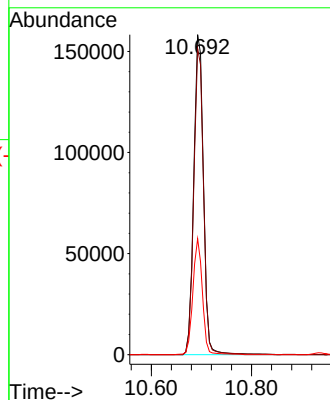
Tgt Ion:330 Resp: 212038

Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

141 35.5 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 94.163 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139744.D

Acq: 10 Oct 2024 14:08

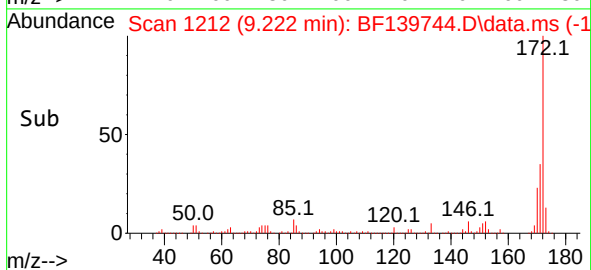
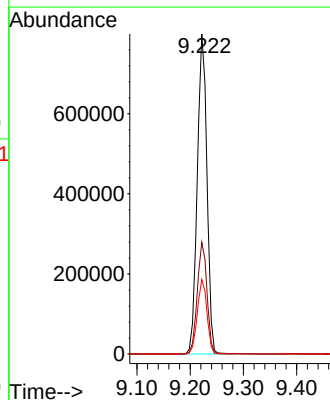
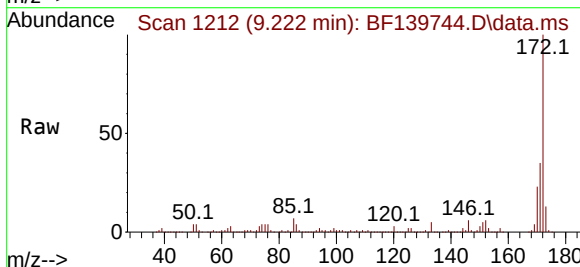
Tgt Ion:172 Resp: 1012439

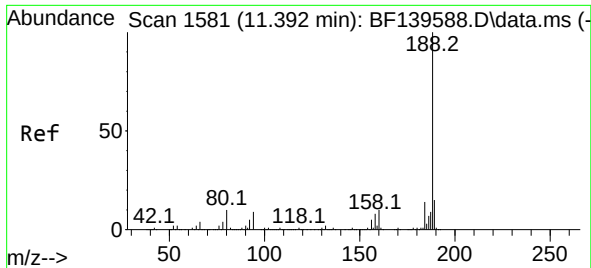
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.2 18.8 28.2

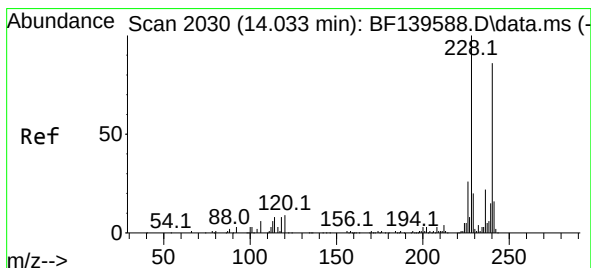
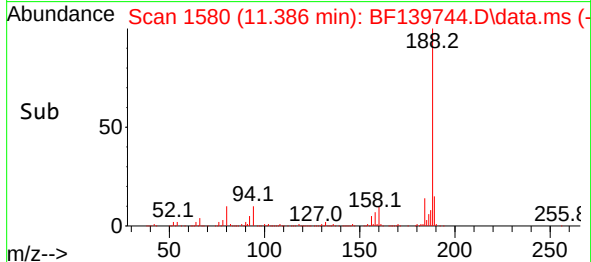
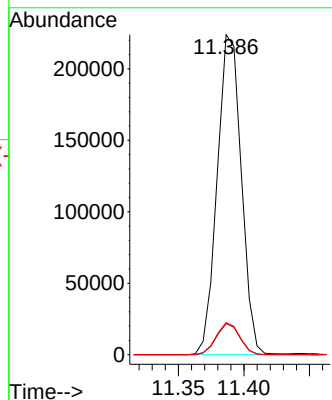
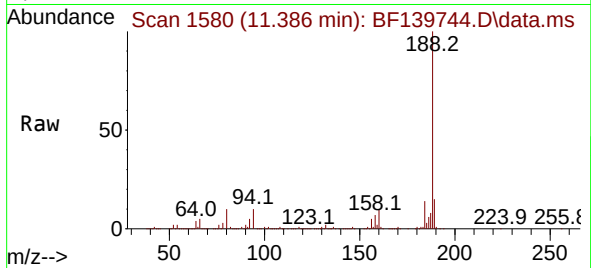




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

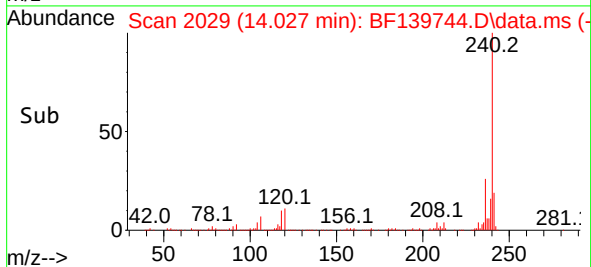
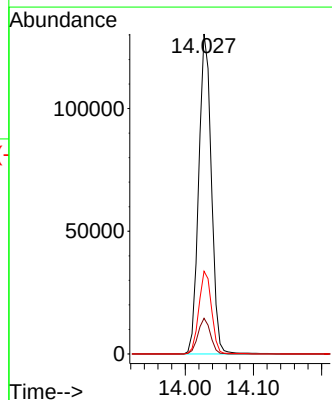
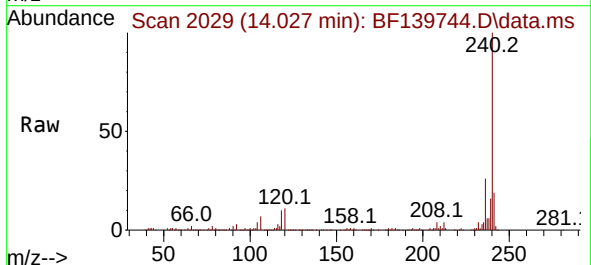
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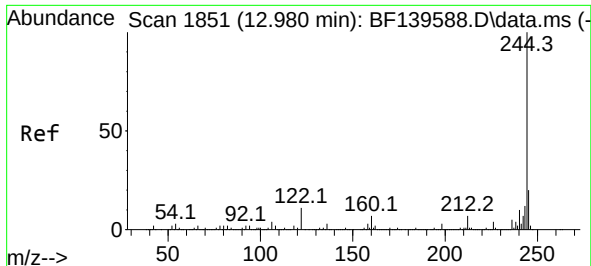
Tgt Ion:188 Resp: 286061
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139744.D
Acq: 10 Oct 2024 14:08

Tgt Ion:240 Resp: 167873
Ion Ratio Lower Upper
240 100
120 11.2 8.4 12.6
236 25.8 20.3 30.5

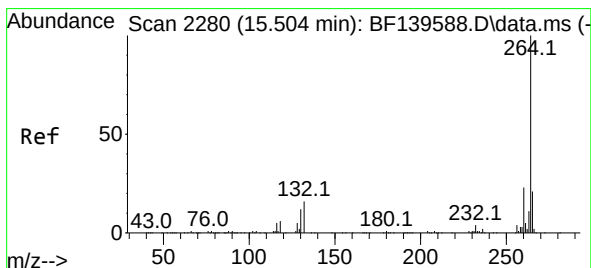
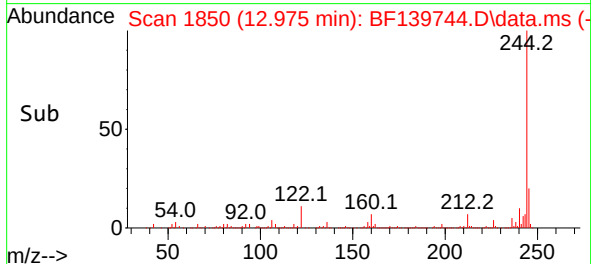
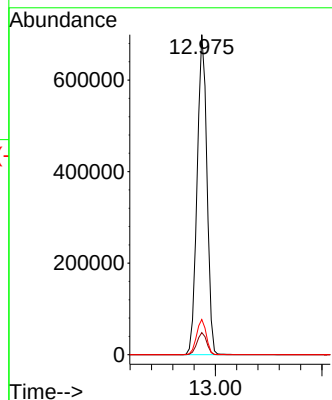
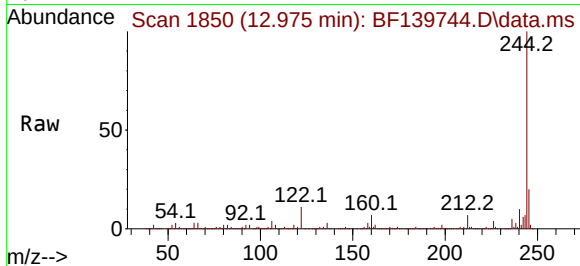




#79
 Terphenyl-d14
 Concen: 87.647 ng
 RT: 12.975 min Scan# 1850
 Delta R.T. -0.005 min
 Lab File: BF139744.D
 Acq: 10 Oct 2024 14:08

Instrument :
 BNA_F
 ClientSampleId :
 1B-7

Tgt Ion:244 Resp: 896713
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF139744.D
 Acq: 10 Oct 2024 14:08

Tgt Ion:264 Resp: 172959
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 20.7 16.9 25.3

