

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139555.D
 Acq On : 26 Sep 2024 19:28
 Operator : RC/JU
 Sample : P4176-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS2

Quant Time: Sep 27 01:07:20 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	67959	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	251539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	137339	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	251077	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	143442	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	132423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	199808	47.964	ng	0.00
7) Phenol-d6	6.498	99	210550	38.506	ng	0.00
23) Nitrobenzene-d5	7.440	82	481567	90.003	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	121742	83.263	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	712862	72.798	ng	0.00
79) Terphenyl-d14	12.980	244	972085	111.235	ng	0.00

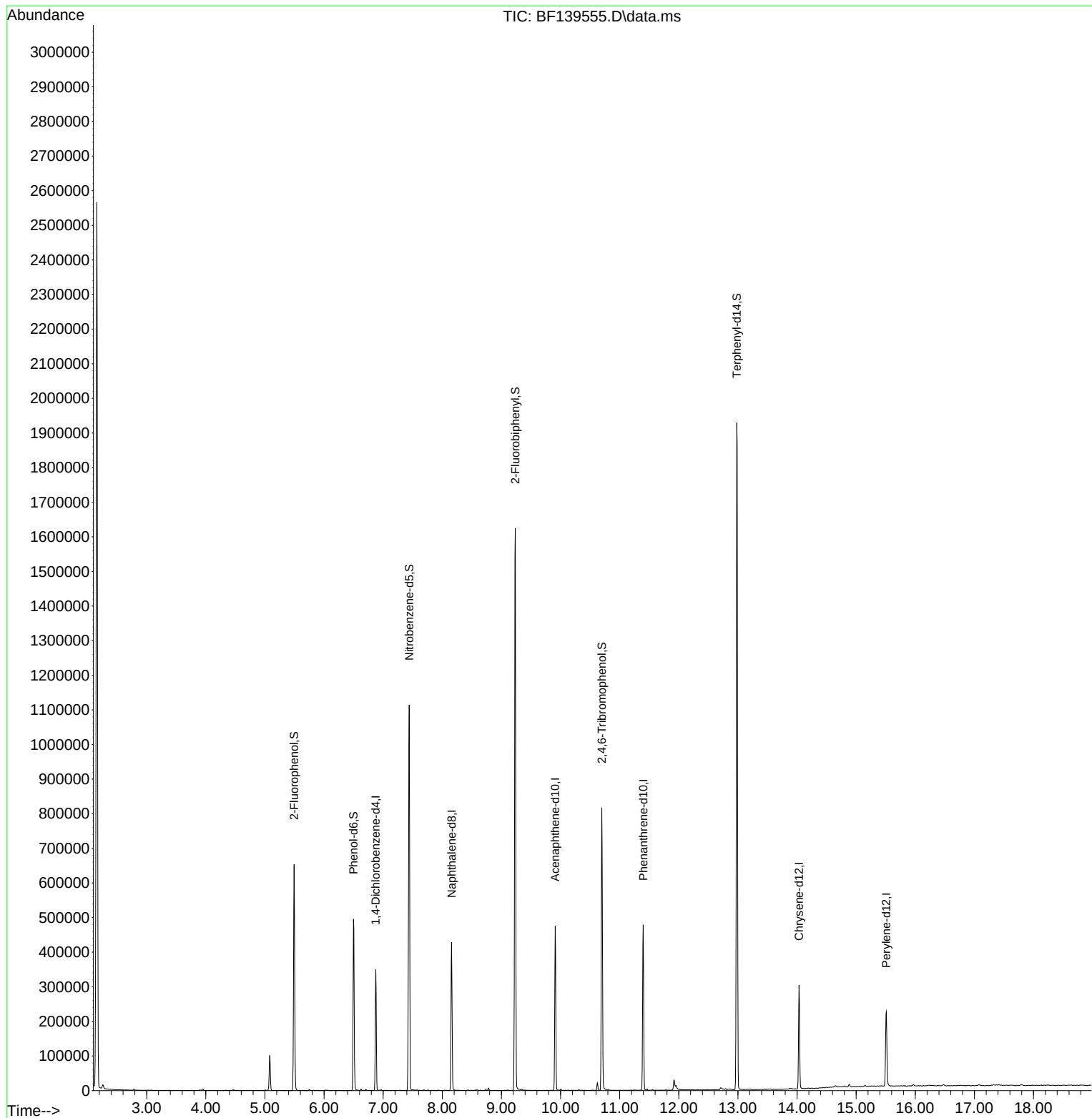
Target Compounds	Qvalue

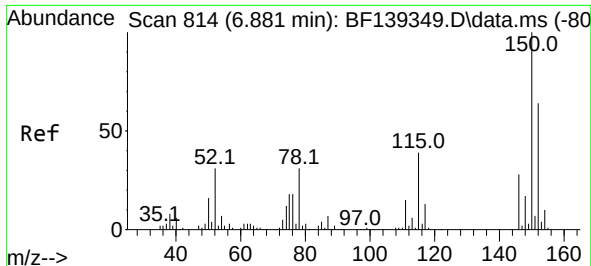
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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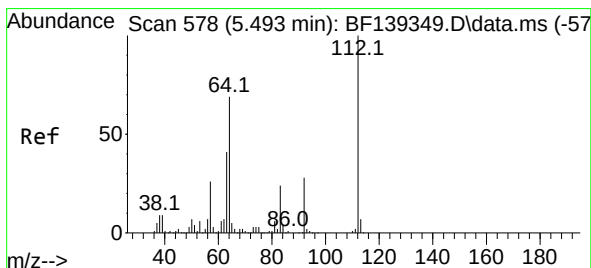
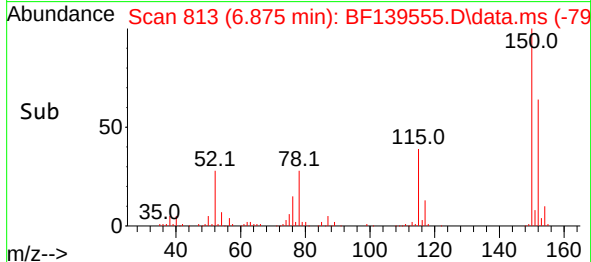
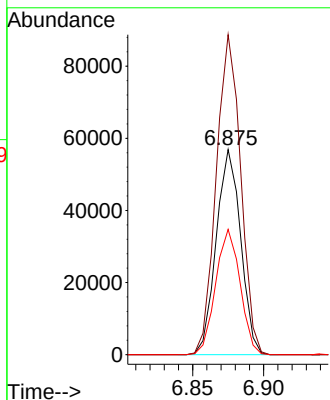
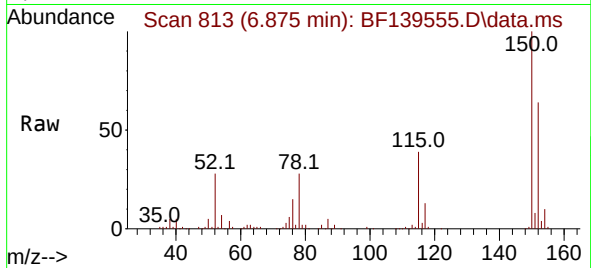




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

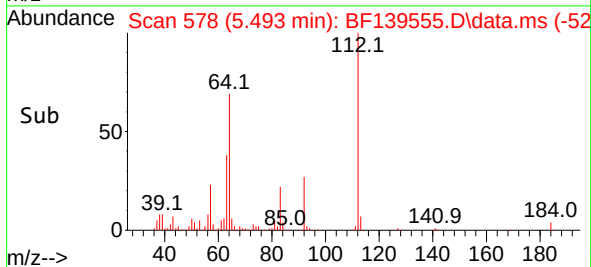
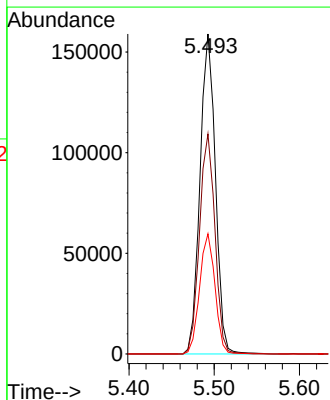
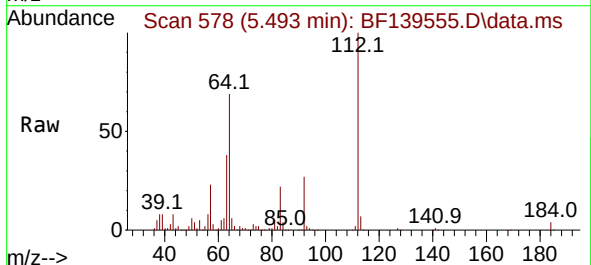
Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS2

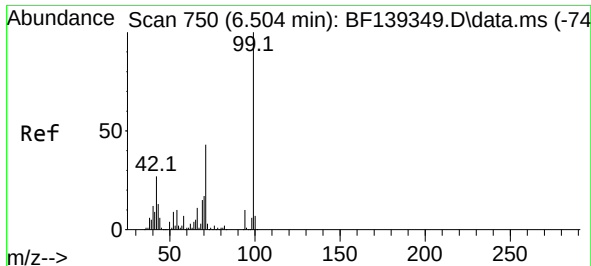
Tgt Ion:152 Resp: 67959
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.1 186.1
 115 61.1 48.1 72.1



#5
 2-Fluorophenol
 Concen: 47.964 ng
 RT: 5.493 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

Tgt Ion:112 Resp: 199808
 Ion Ratio Lower Upper
 112 100
 64 68.7 54.8 82.2
 63 37.6 33.0 49.4

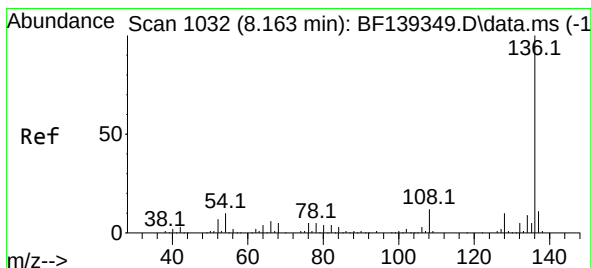
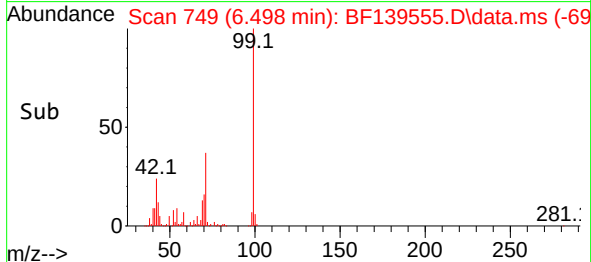
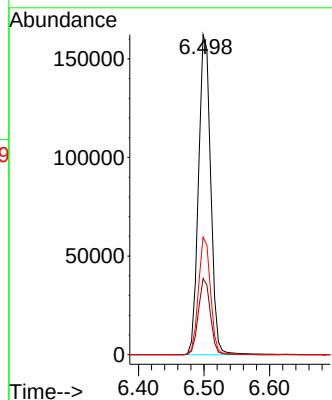
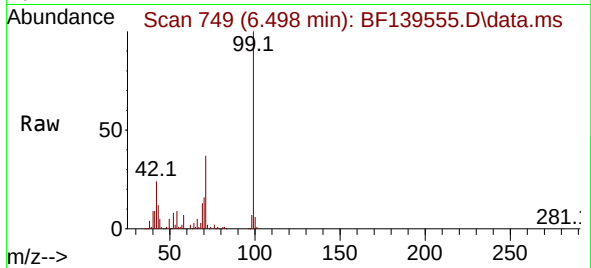




#7
Phenol-d6
Concen: 38.506 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

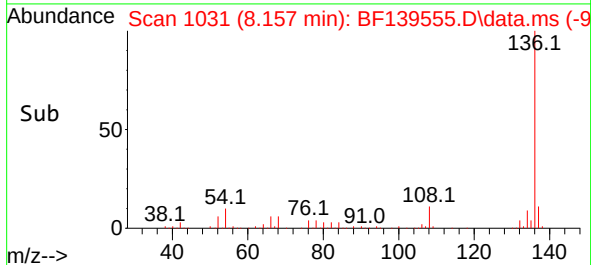
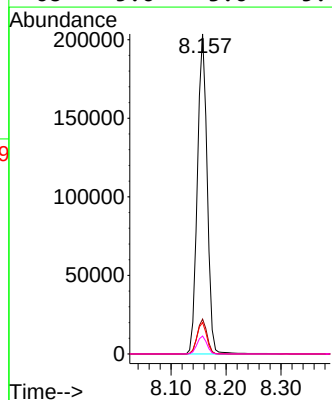
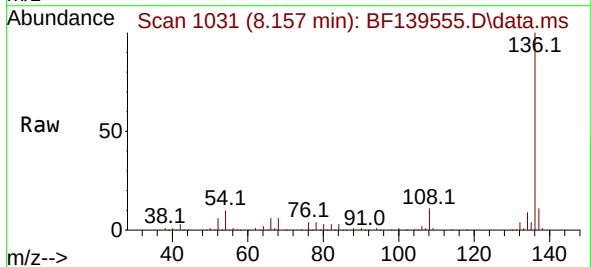
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS2

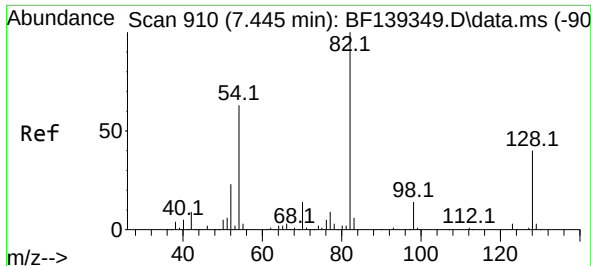
Tgt Ion: 99 Resp: 210550
Ion Ratio Lower Upper
99 100
42 23.8 21.9 32.9
71 36.8 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion: 136 Resp: 251539
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 5.6 3.6 5.4#

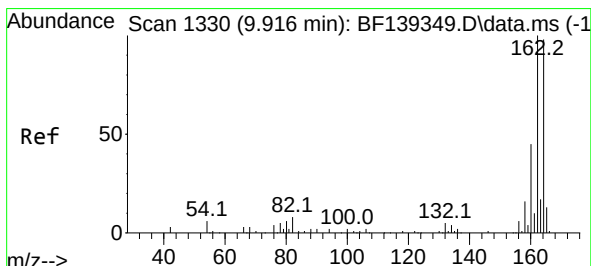
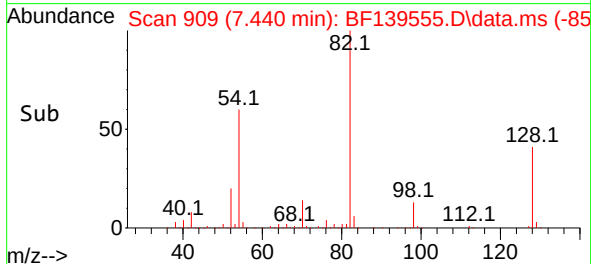
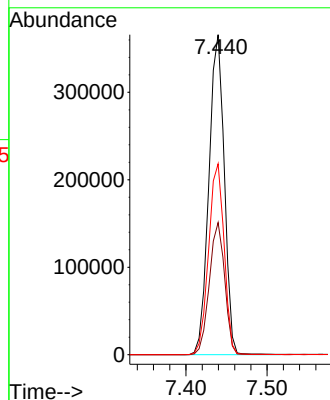
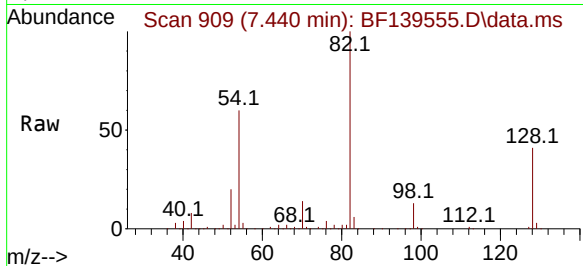




#23
Nitrobenzene-d5
Concen: 90.003 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

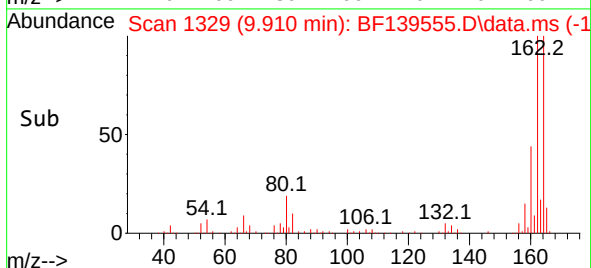
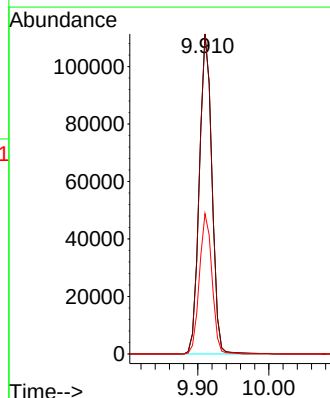
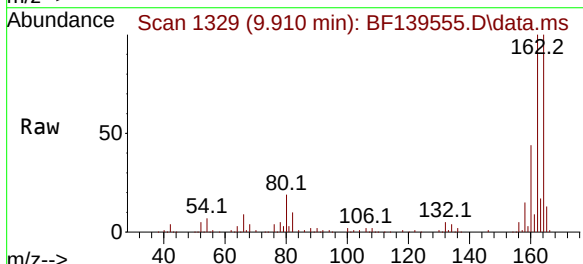
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BNA_F
ClientSampleId :
FB-2C-SYS2

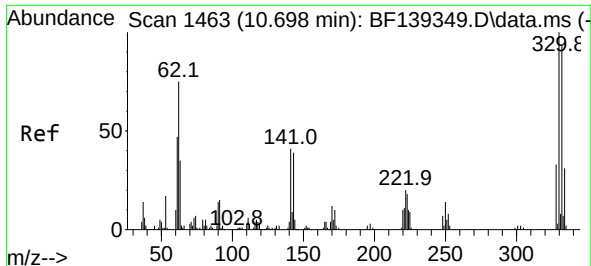
Tgt Ion: 82 Resp: 481567
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 59.6 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion:164 Resp: 137339
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 43.8 36.4 54.6

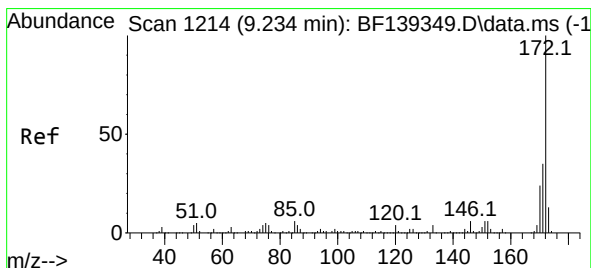
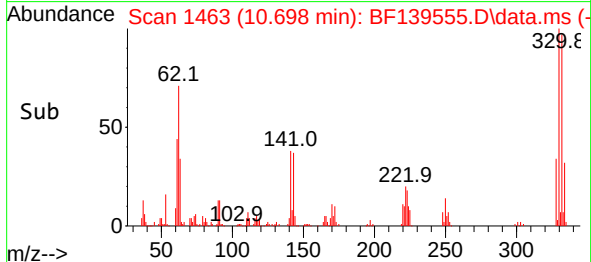
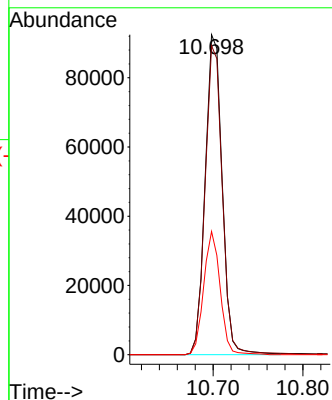
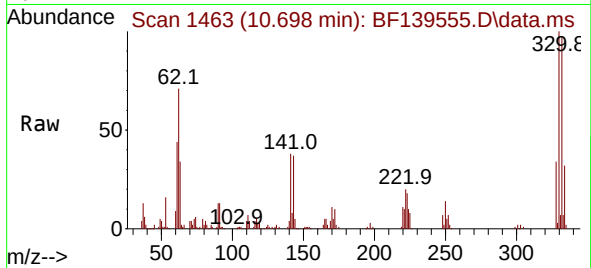




#42
2,4,6-Tribromophenol
Concen: 83.263 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

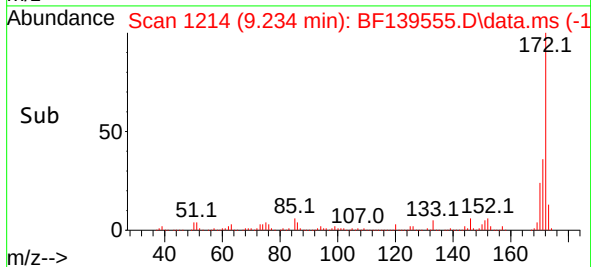
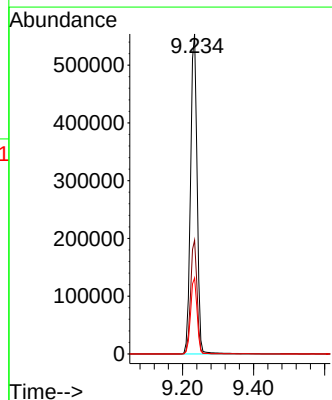
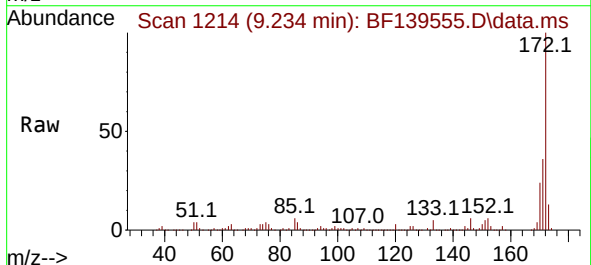
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ClientSampleId :
FB-2C-SYS2

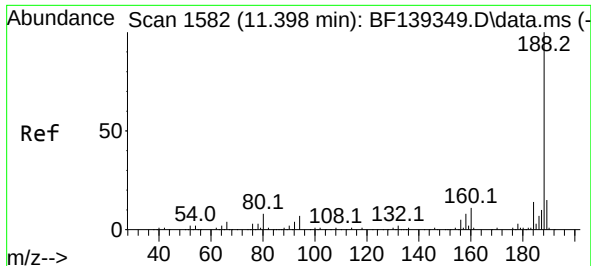
Tgt Ion:330 Resp: 121742
Ion Ratio Lower Upper
330 100
332 98.1 75.2 112.8
141 37.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 72.798 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

Tgt Ion:172 Resp: 712862
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.6

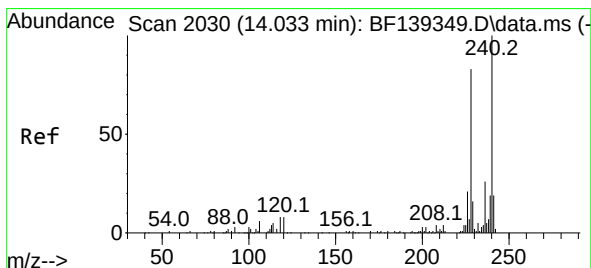
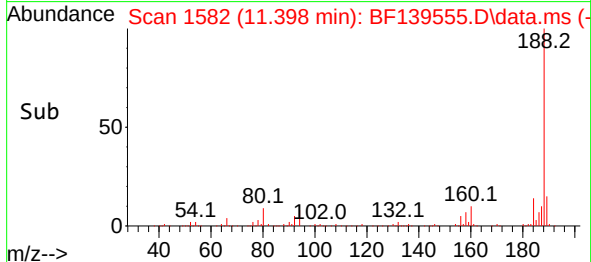
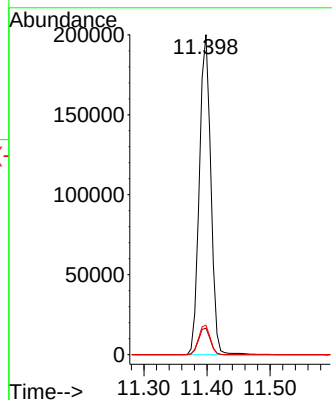
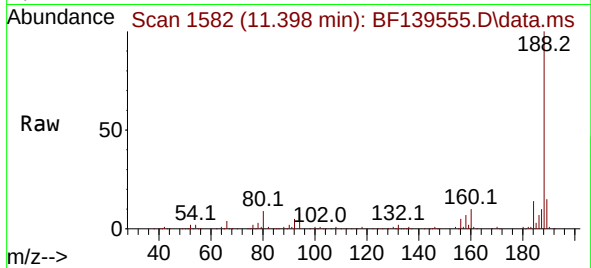




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

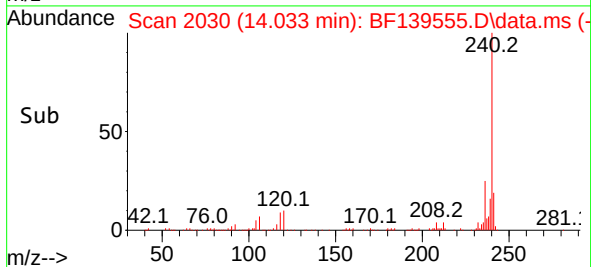
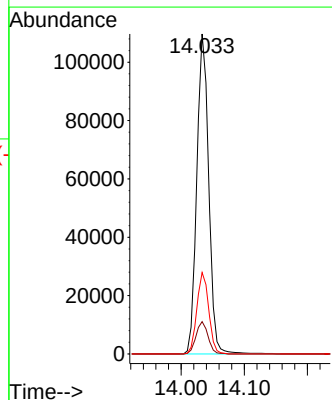
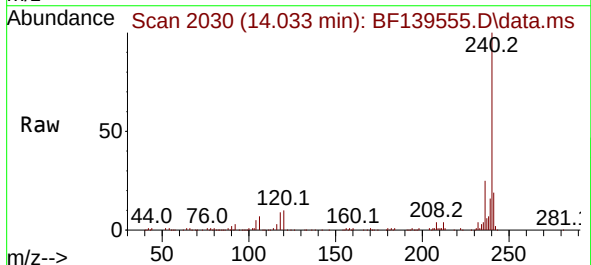
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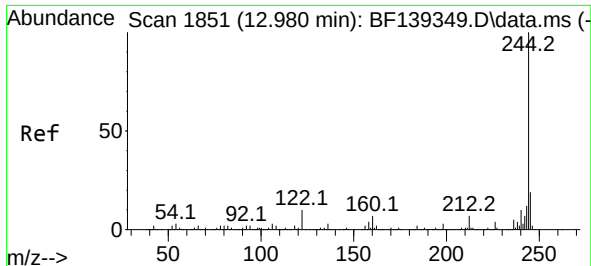
Tgt Ion:188 Resp: 251077
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 9.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139555.D
Acq: 26 Sep 2024 19:28

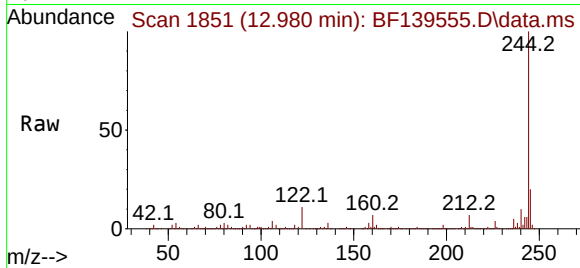
Tgt Ion:240 Resp: 143442
Ion Ratio Lower Upper
240 100
120 10.1 6.2 9.2#
236 25.5 20.9 31.3



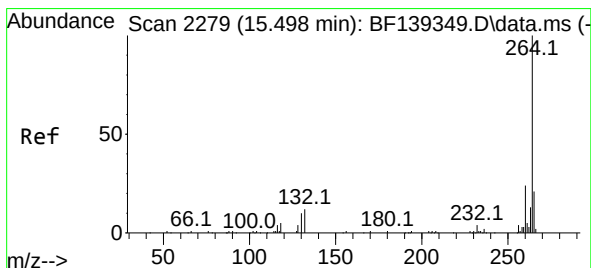
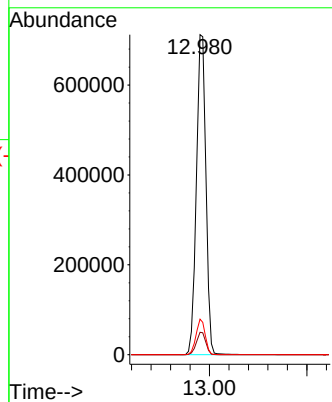
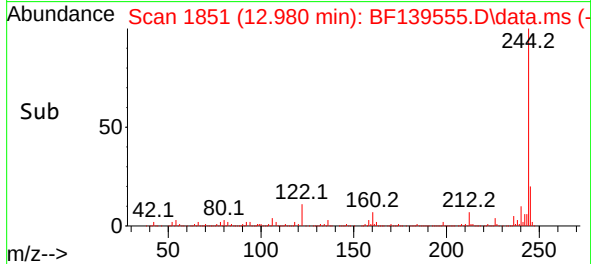


#79
 Terphenyl-d14
 Concen: 111.235 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28

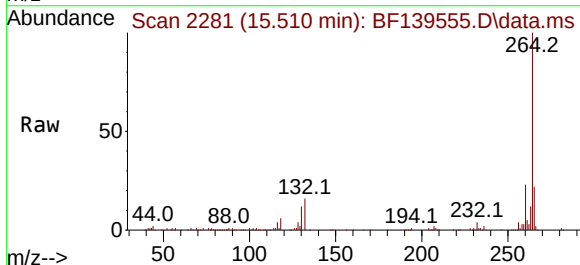
Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS2



Tgt Ion:244 Resp: 972085
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139555.D
 Acq: 26 Sep 2024 19:28



Tgt Ion:264 Resp: 132423
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.5 16.6 25.0

