

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139484.D
Acq On : 20 Sep 2024 01:05
Operator : RC/JU
Sample : P4088-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

Quant Time: Sep 20 01:42:23 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	6.881	152	77895	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	291147	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	160290	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	264310	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	125496	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	109798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	733928	153.706	ng	0.02
7) Phenol-d6	6.510	99	918173	146.501	ng	0.00
23) Nitrobenzene-d5	7.439	82	649881	104.936	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	245037	143.592	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1172989	102.635	ng	0.00
79) Terphenyl-d14	12.980	244	907020	118.631	ng	0.00

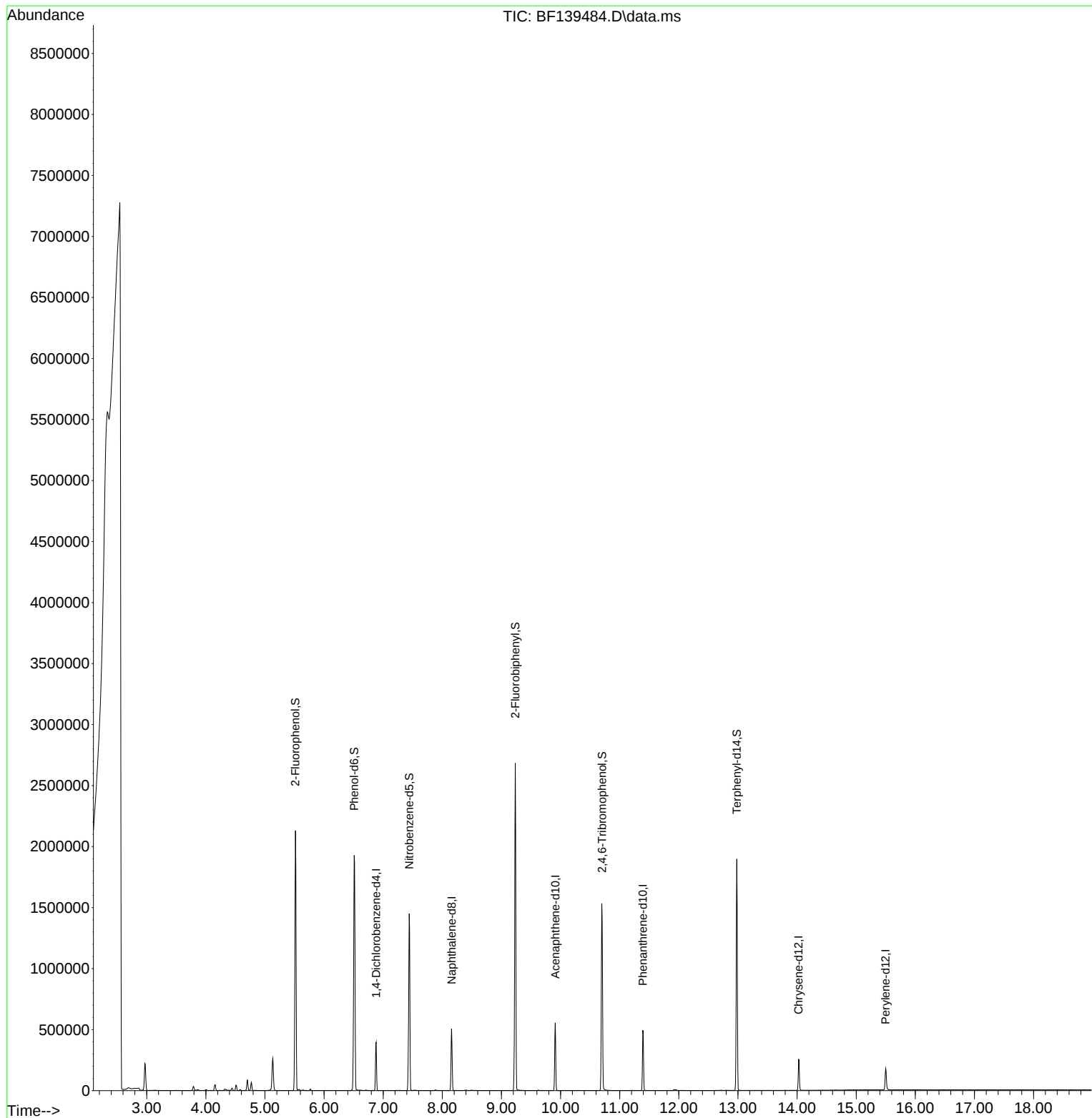
Target Compounds Qvalue

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

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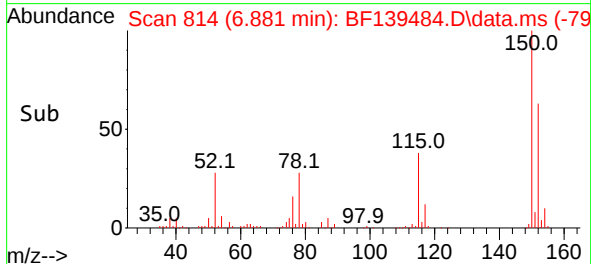
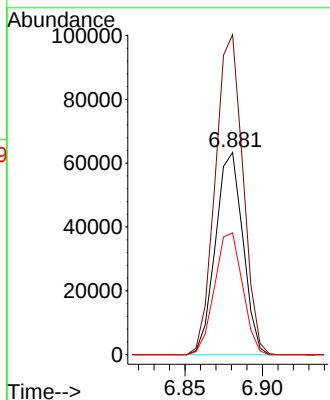
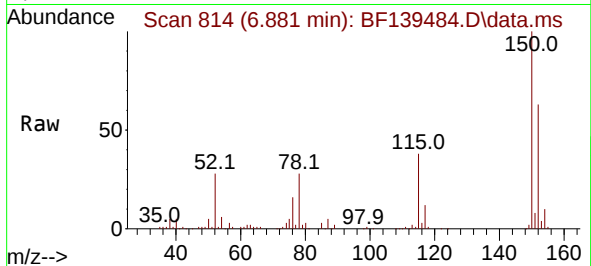




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

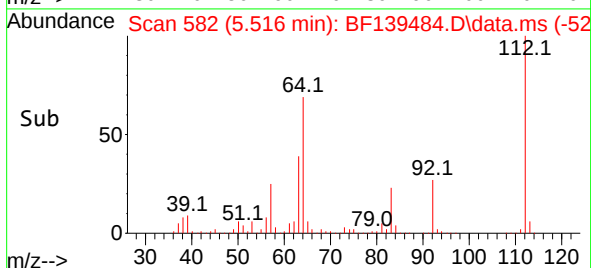
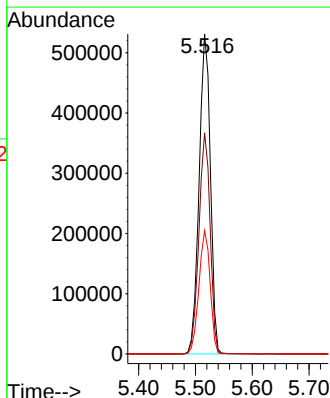
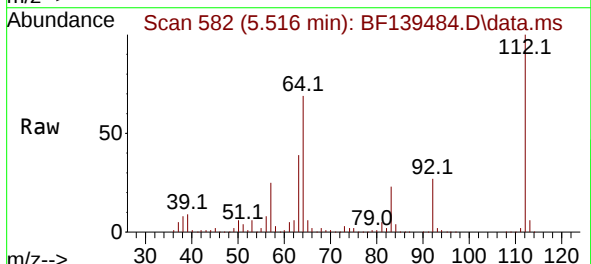
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

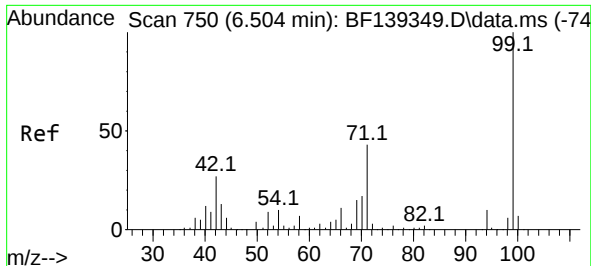
Tgt Ion:152 Resp: 77895
Ion Ratio Lower Upper
152 100
150 158.2 124.1 186.1
115 60.2 48.1 72.1



#5
2-Fluorophenol
Concen: 153.706 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion:112 Resp: 733928
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 38.5 33.0 49.4

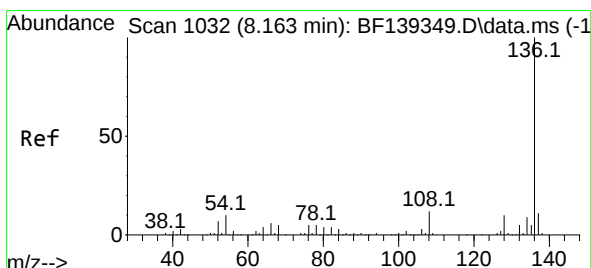
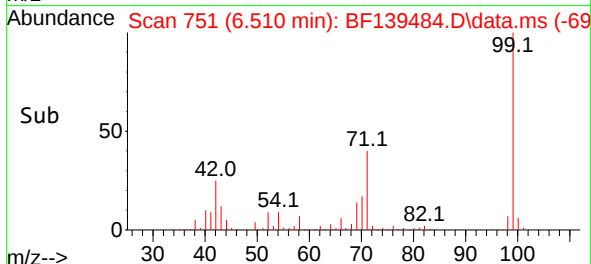
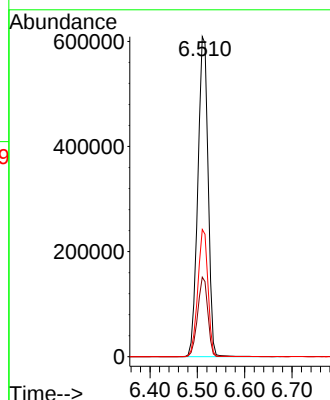
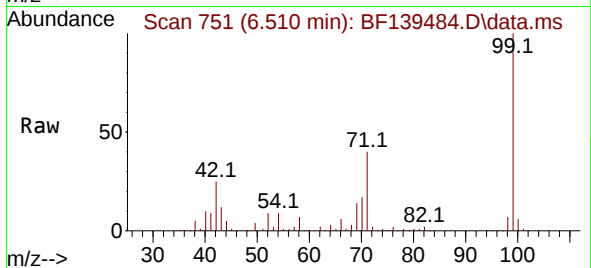




#7
Phenol-d6
Concen: 146.501 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

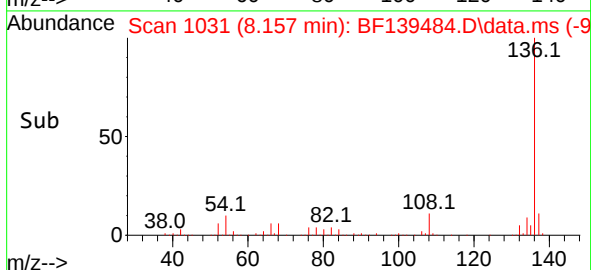
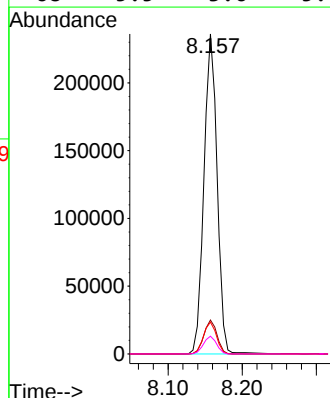
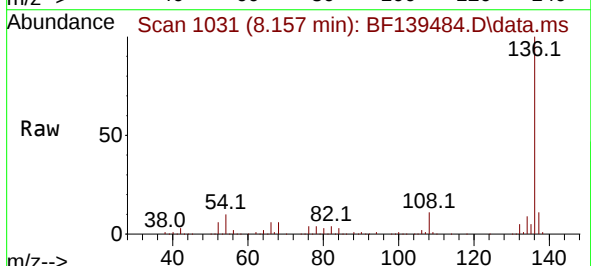
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

Tgt Ion: 99 Resp: 918173
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.7 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: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion: 136 Resp: 291147
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.0 7.8 11.8
68 5.5 3.6 5.4





#23

Nitrobenzene-d5

Concen: 104.936 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08

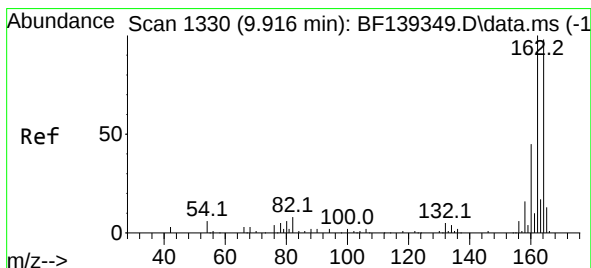
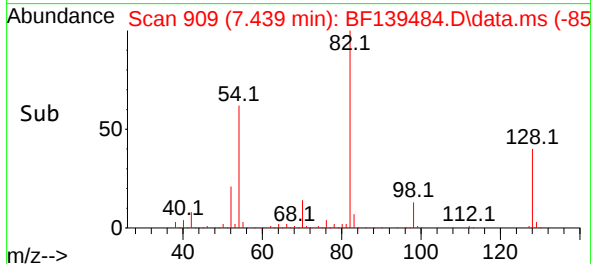
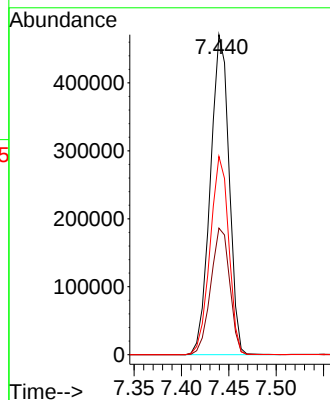
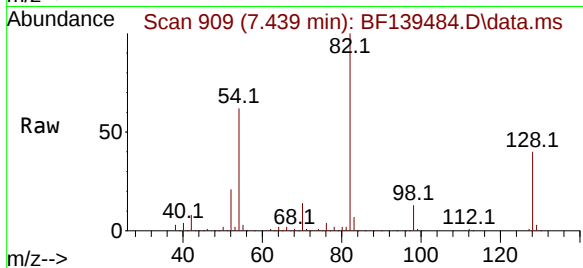
Tgt Ion: 82 Resp: 649881

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 61.9 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: BF139484.D

Acq: 20 Sep 2024 01:05

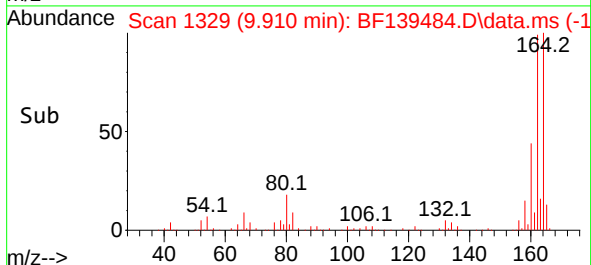
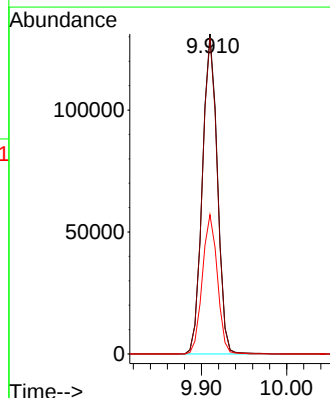
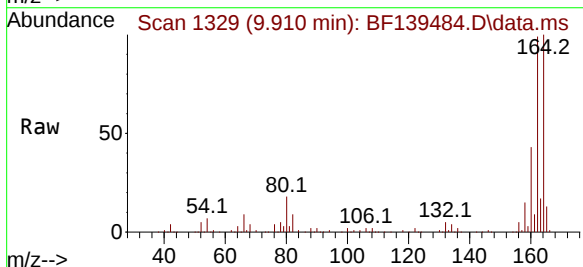
Tgt Ion:164 Resp: 160290

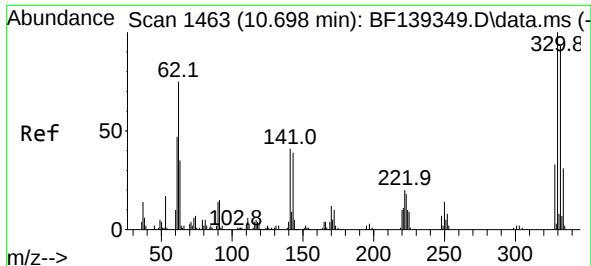
Ion Ratio Lower Upper

164 100

162 98.8 81.3 121.9

160 43.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 143.592 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139484.D

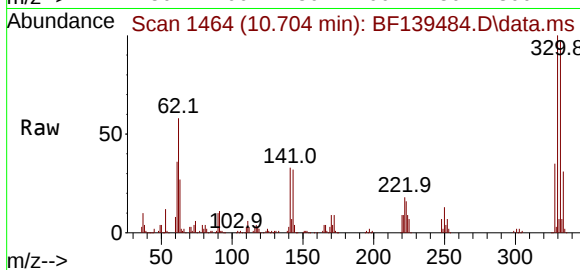
Acq: 20 Sep 2024 01:05

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08



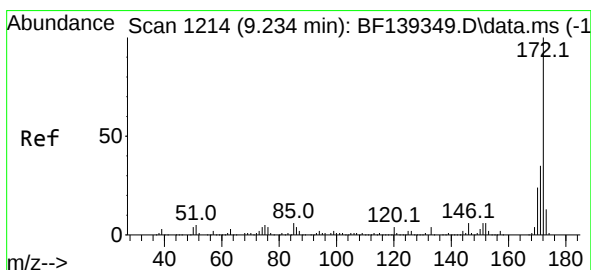
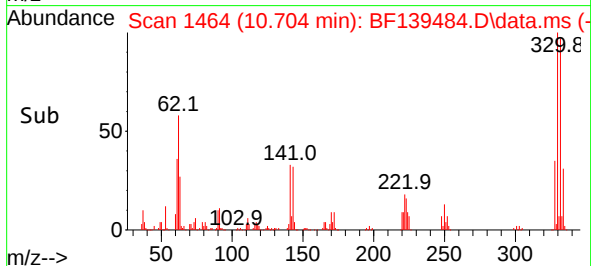
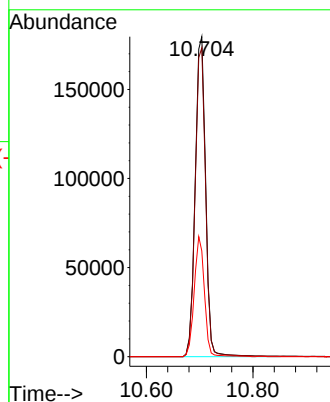
Tgt Ion:330 Resp: 245037

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 36.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 102.635 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139484.D

Acq: 20 Sep 2024 01:05

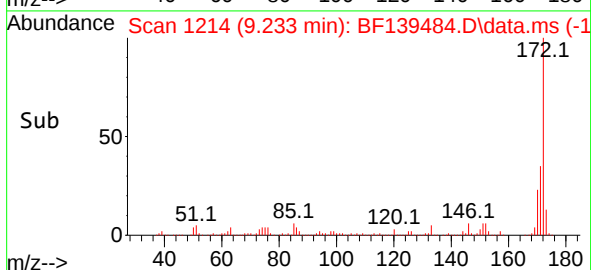
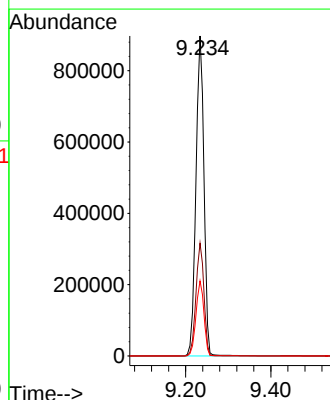
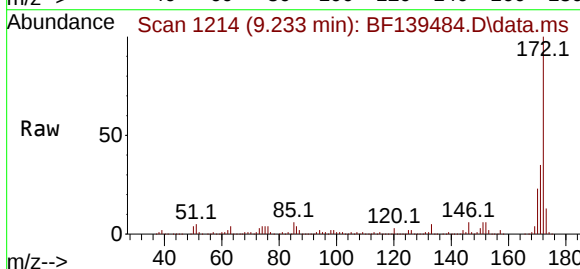
Tgt Ion:172 Resp: 1172989

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 19.0 28.6

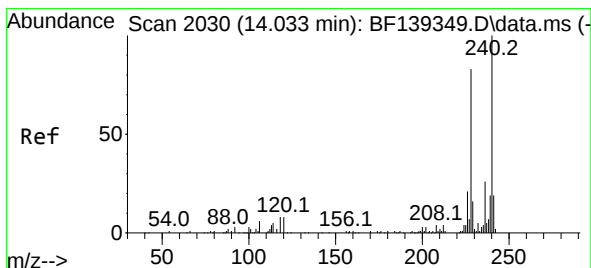
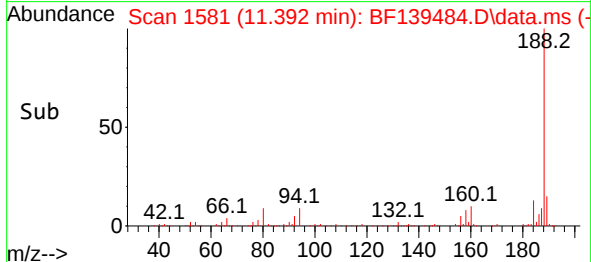
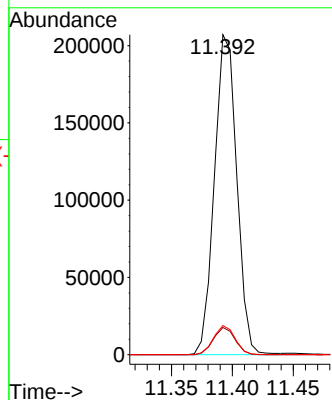
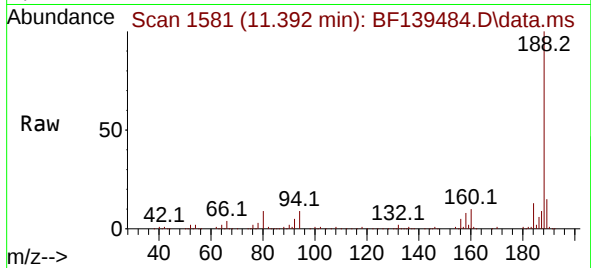




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

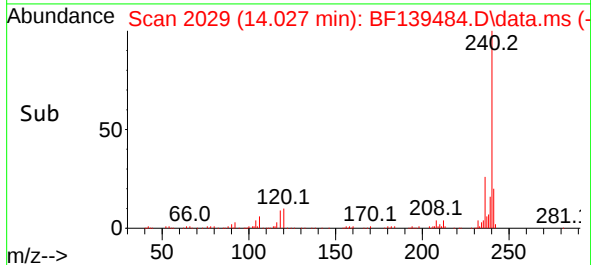
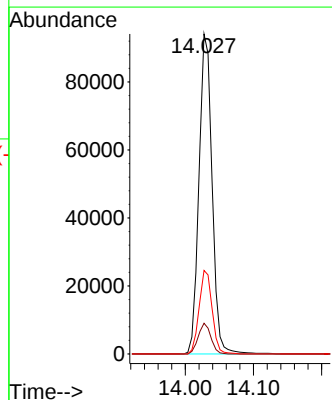
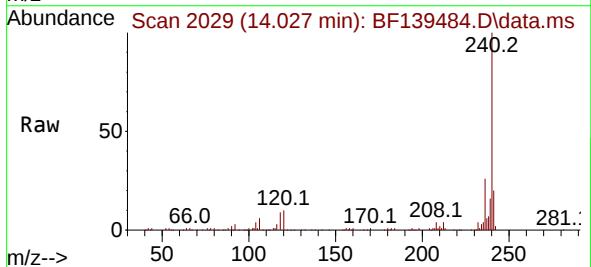
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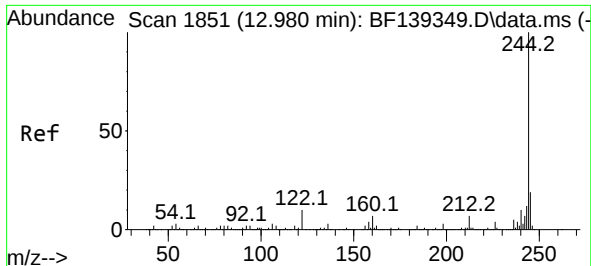
Tgt Ion:188 Resp: 264310
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 9.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139484.D
Acq: 20 Sep 2024 01:05

Tgt Ion:240 Resp: 125496
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.2#
236 26.1 20.9 31.3

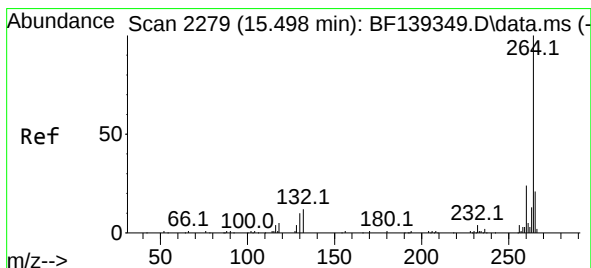
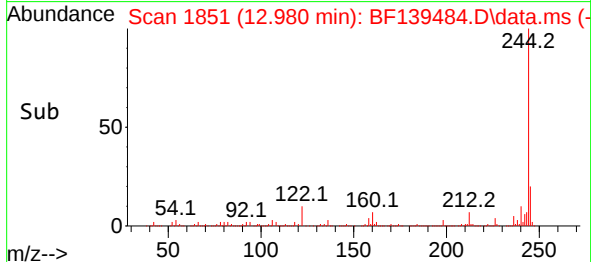
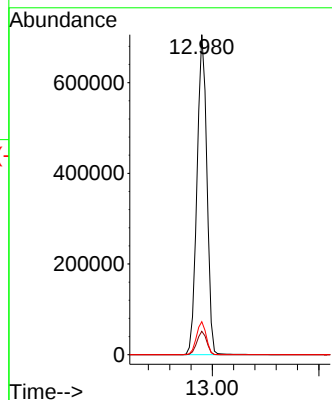
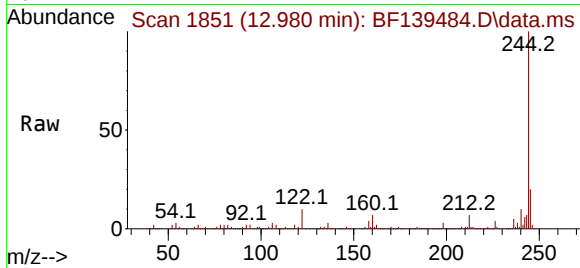




#79
 Terphenyl-d14
 Concen: 118.631 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139484.D
 Acq: 20 Sep 2024 01:05

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-08

Tgt Ion:244 Resp: 907020
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.3 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: BF139484.D
 Acq: 20 Sep 2024 01:05

Tgt Ion:264 Resp: 109798
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.2 16.6 25.0

