

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139466.D
 Acq On : 19 Sep 2024 16:03
 Operator : RC/JU
 Sample : P4088-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 19 16:30:03 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	73759	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	267649	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	142281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	244939	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	115177	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	123371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	340229	75.249	ng	0.00
7) Phenol-d6	6.504	99	470520	79.284	ng	0.00
23) Nitrobenzene-d5	7.439	82	307099	53.941	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	103127	68.082	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	554696	54.679	ng	0.00
79) Terphenyl-d14	12.980	244	435860	62.115	ng	0.00

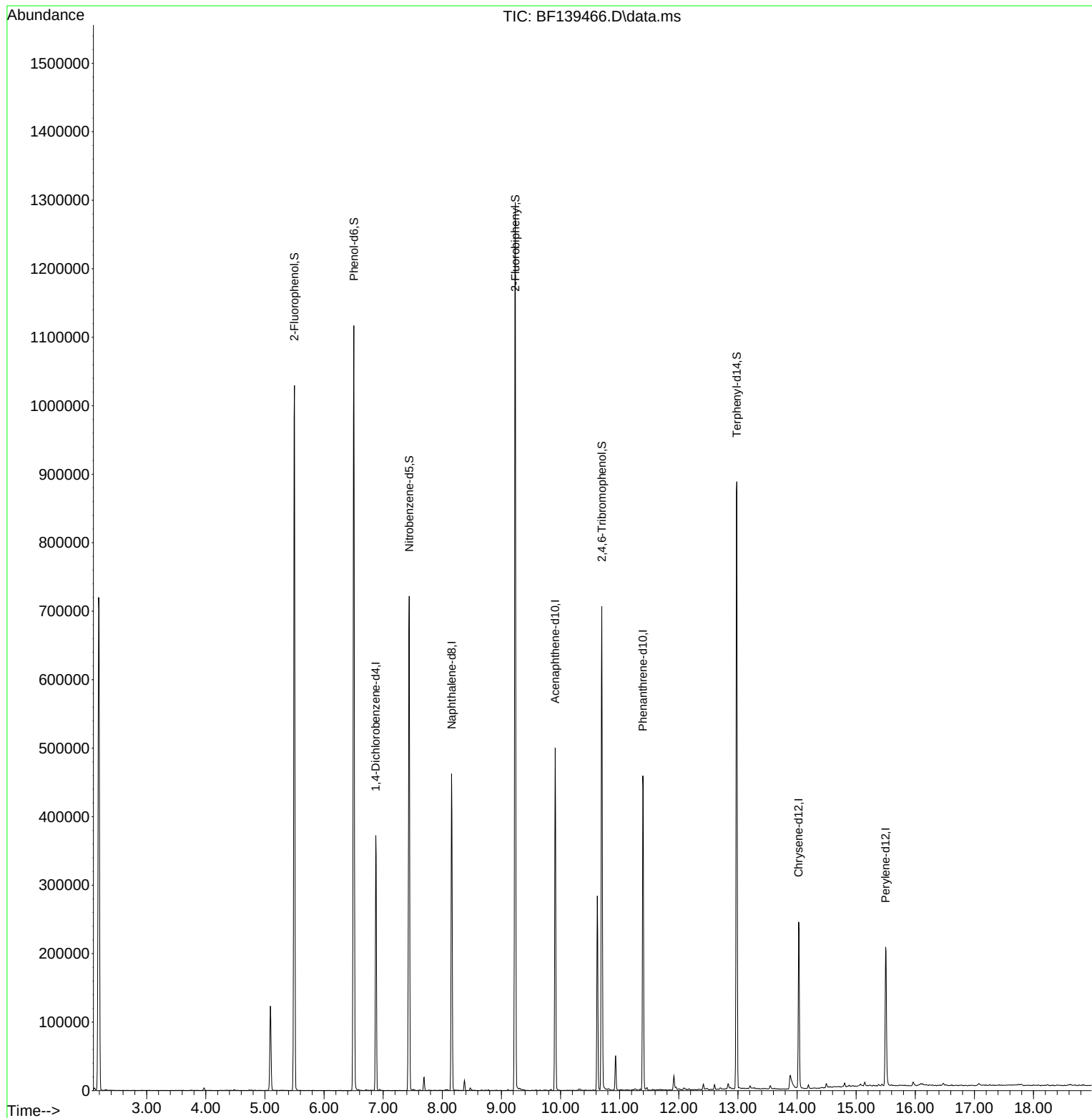
Target Compounds	Qvalue

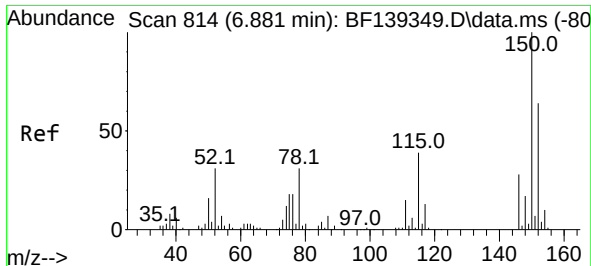
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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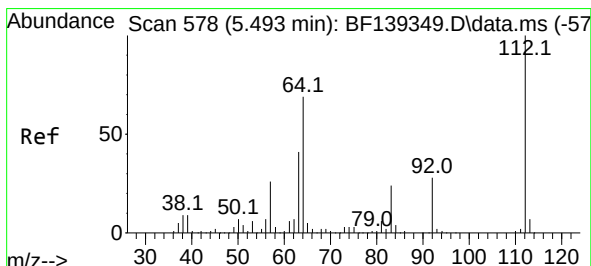
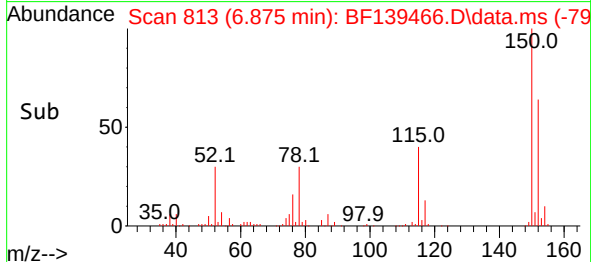
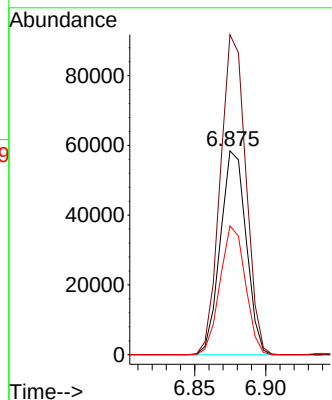
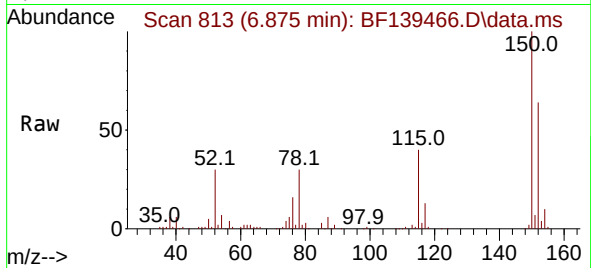




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

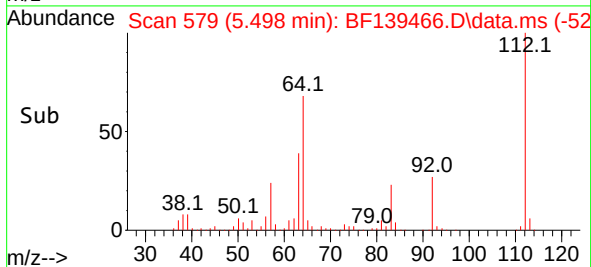
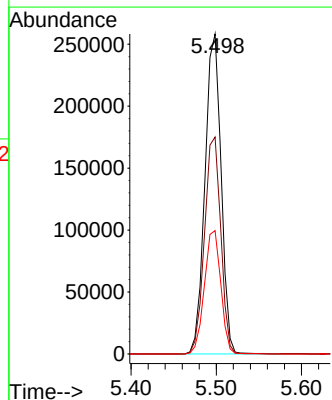
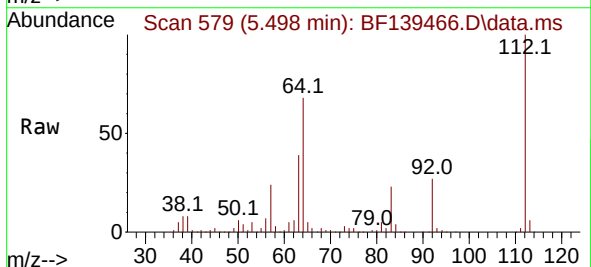
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

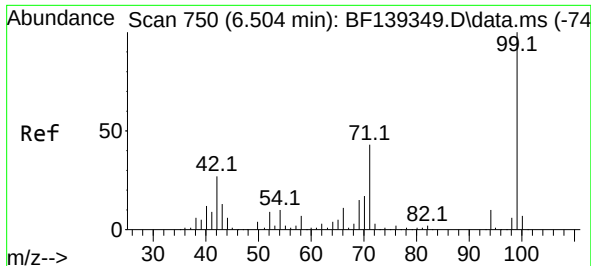
Tgt Ion:152 Resp: 73759
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 63.2 48.1 72.1



#5
2-Fluorophenol
Concen: 75.249 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion:112 Resp: 340229
Ion Ratio Lower Upper
112 100
64 67.8 54.8 82.2
63 38.6 33.0 49.4

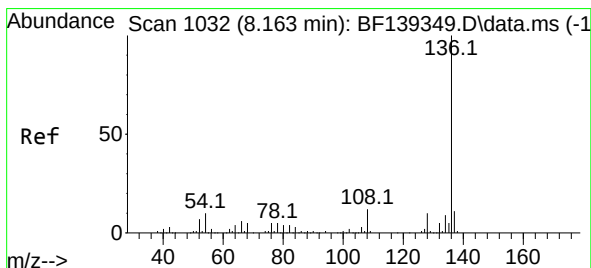
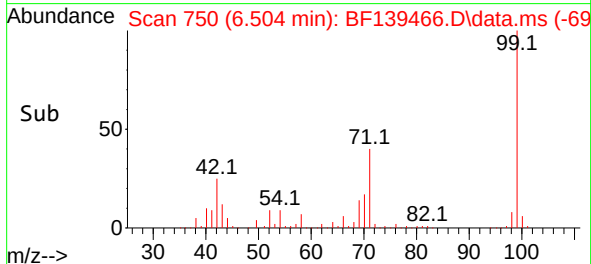
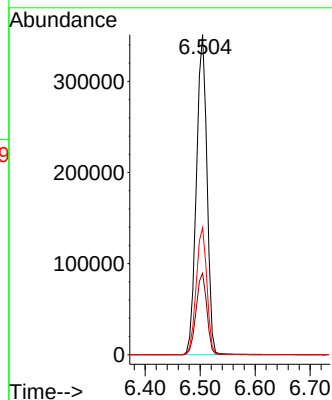
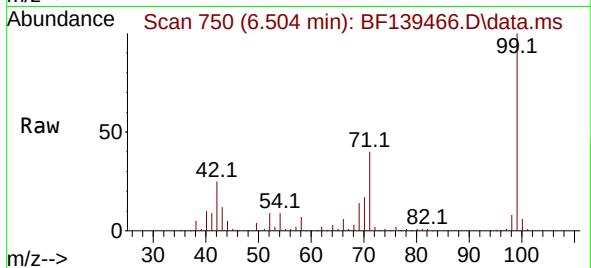




#7
Phenol-d6
Concen: 79.284 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

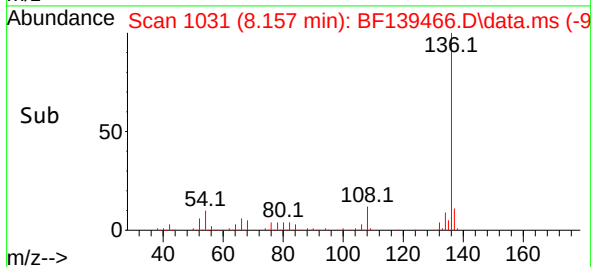
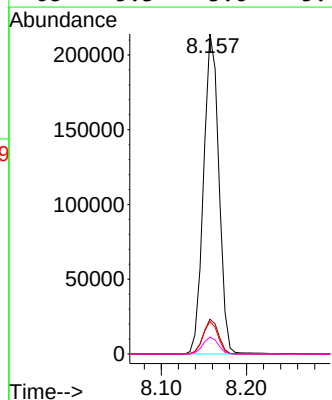
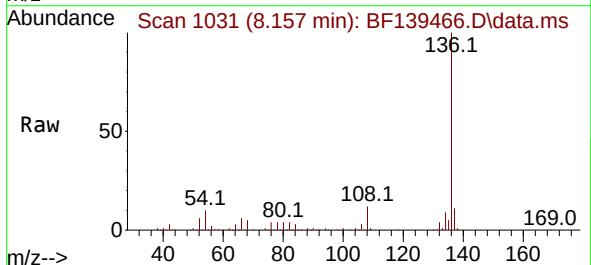
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

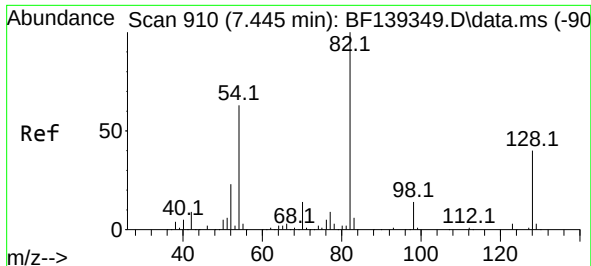
Tgt Ion: 99 Resp: 470520
Ion Ratio Lower Upper
99 100
42 25.4 21.9 32.9
71 39.7 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion: 136 Resp: 267649
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.1 7.8 11.8
68 5.3 3.6 5.4

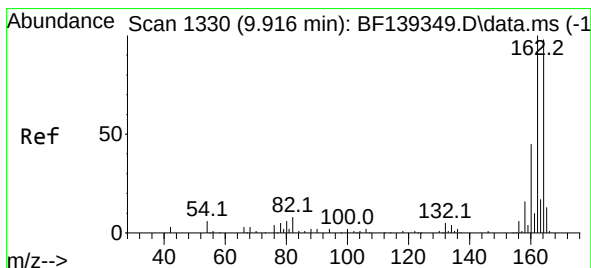
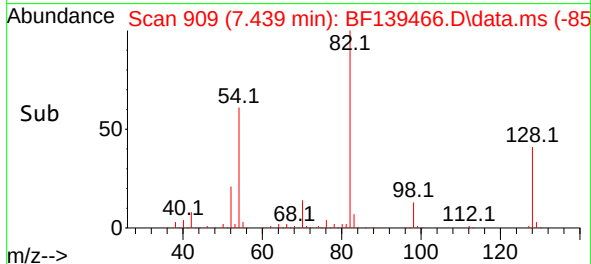
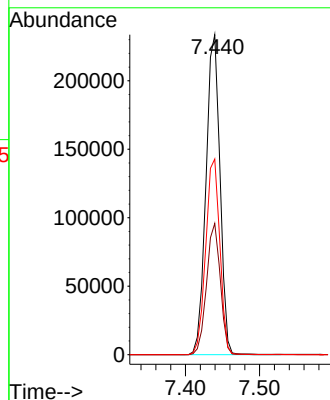
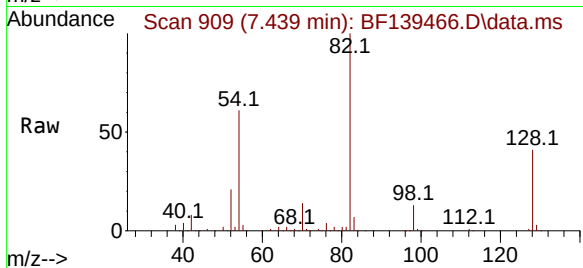




#23
 Nitrobenzene-d5
 Concen: 53.941 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF139466.D
 Acq: 19 Sep 2024 16:03

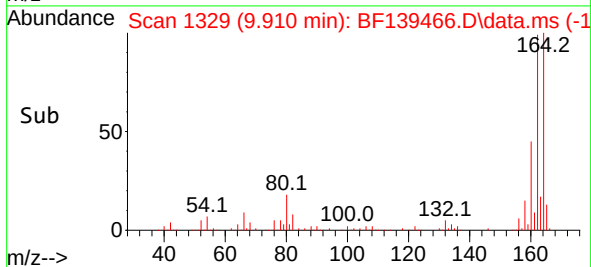
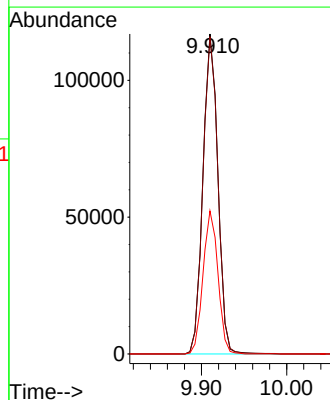
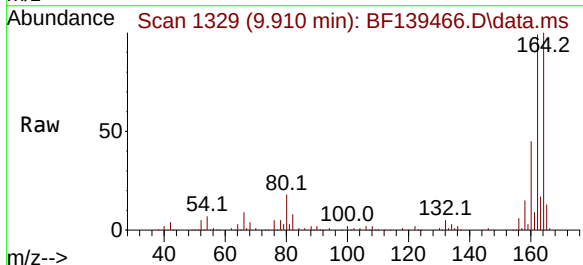
Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-08

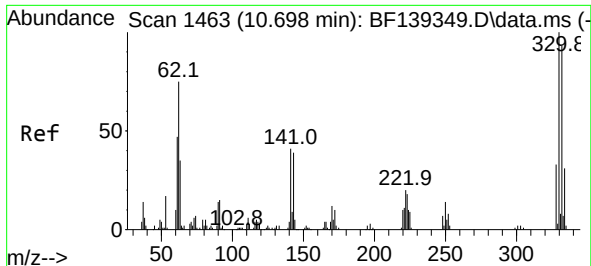
Tgt Ion: 82 Resp: 307099
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 61.1 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139466.D
 Acq: 19 Sep 2024 16:03

Tgt Ion:164 Resp: 142281
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.3 121.9
 160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 68.082 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139466.D

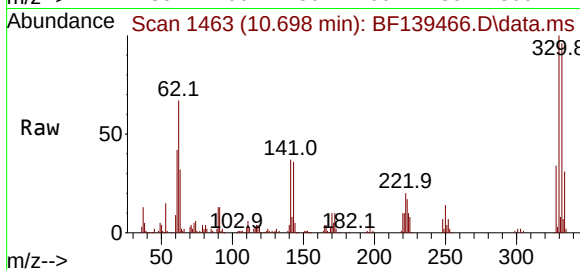
Acq: 19 Sep 2024 16:03

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08



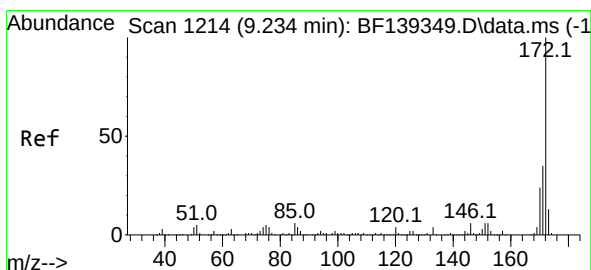
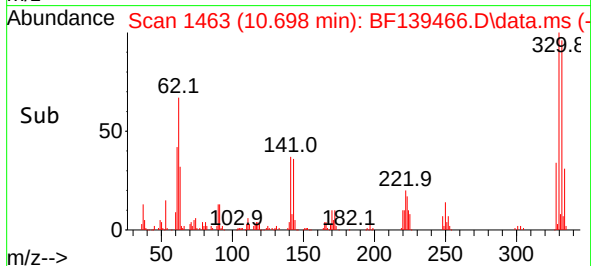
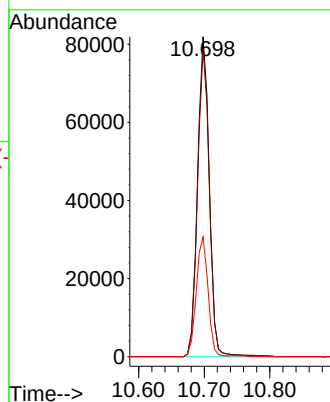
Tgt Ion:330 Resp: 103127

Ion Ratio Lower Upper

330 100

332 95.9 75.2 112.8

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 54.679 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139466.D

Acq: 19 Sep 2024 16:03

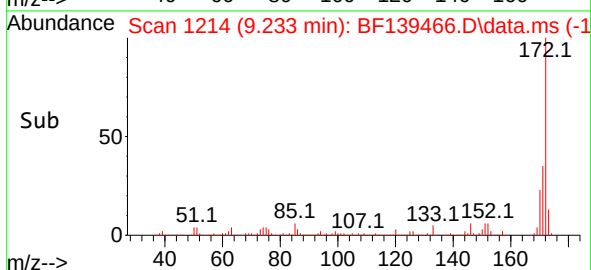
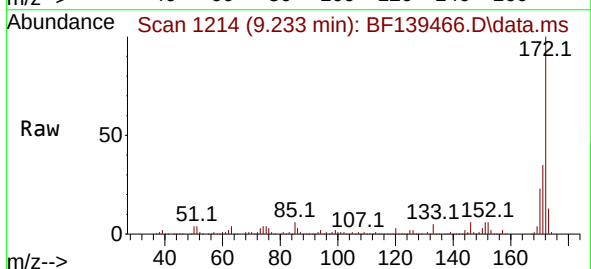
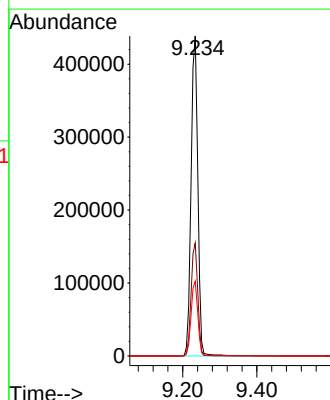
Tgt Ion:172 Resp: 554696

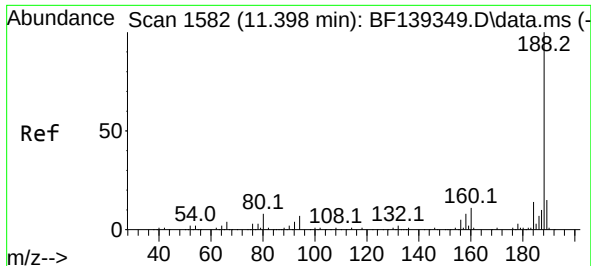
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.3 19.0 28.6

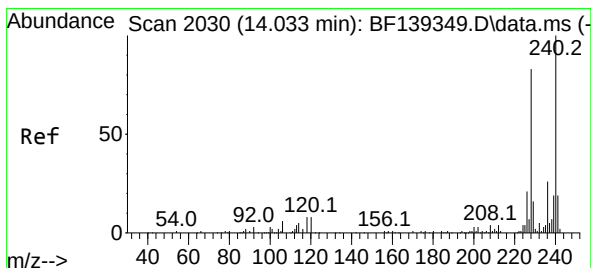
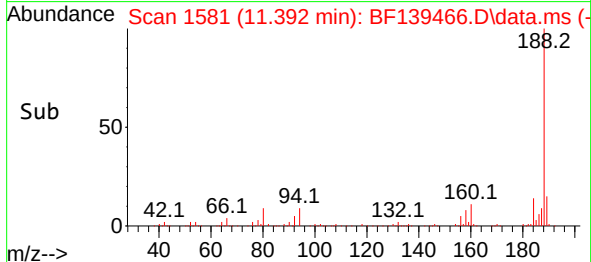
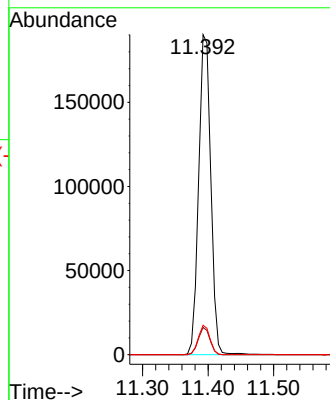
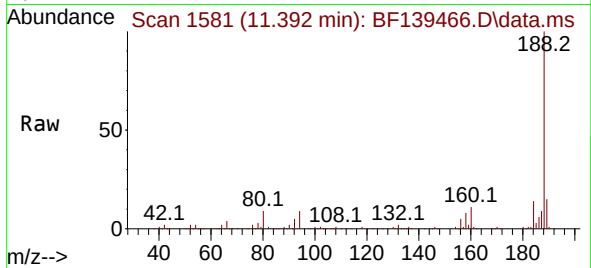




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

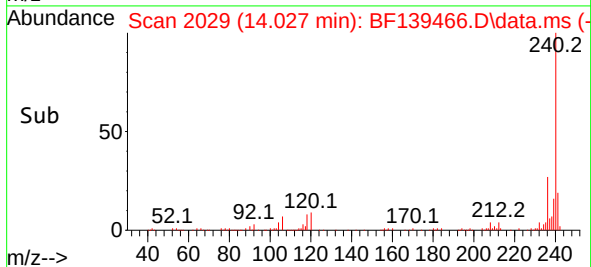
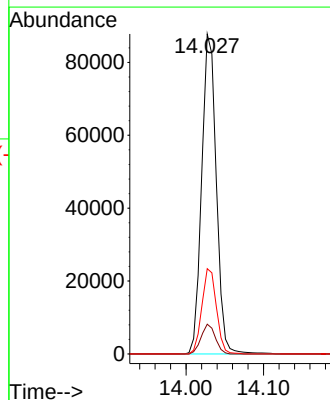
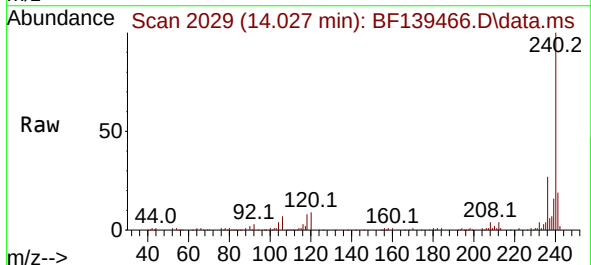
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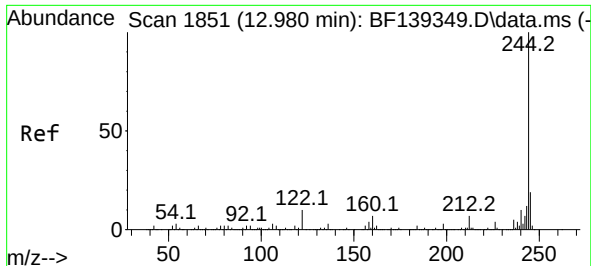
Tgt Ion:188 Resp: 244939
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 9.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion:240 Resp: 115177
Ion Ratio Lower Upper
240 100
120 9.3 6.2 9.2#
236 26.7 20.9 31.3

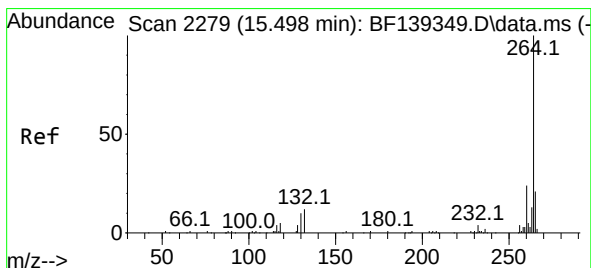
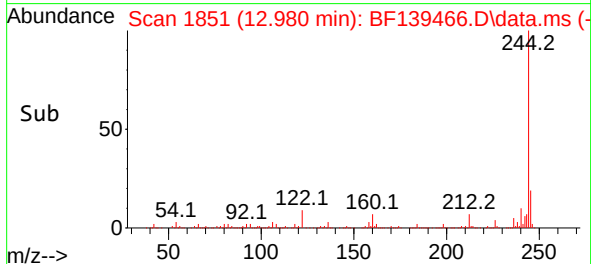
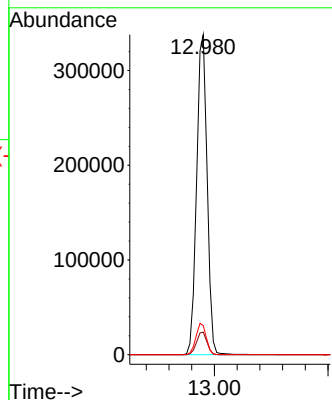
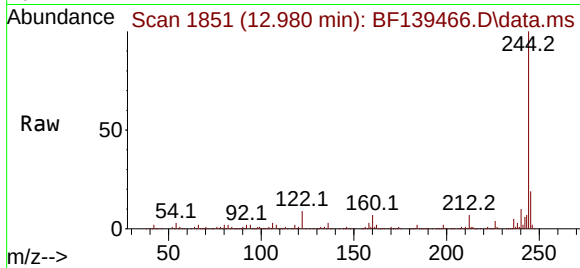




#79
 Terphenyl-d14
 Concen: 62.115 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139466.D
 Acq: 19 Sep 2024 16:03

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 435860
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.1 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: BF139466.D
 Acq: 19 Sep 2024 16:03

Tgt Ion:264 Resp: 123371
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.7 16.6 25.0

