

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139092.D
Acq On : 21 Aug 2024 10:22
Operator : RC/JU
Sample : P3663-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624

Quant Time: Aug 21 11:00:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	83969	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	323212	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	186112	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	306274	20.000	ng	0.00
76) Chrysene-d12	14.051	240	144567	20.000	ng	0.00
86) Perylene-d12	15.533	264	186947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	405766	74.346	ng	0.00
7) Phenol-d6	6.510	99	535373	75.916	ng	-0.01
23) Nitrobenzene-d5	7.451	82	332641	59.970	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	115986	68.841	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	456066	38.880	ng	0.00
79) Terphenyl-d14	13.004	244	320451	36.780	ng	0.00

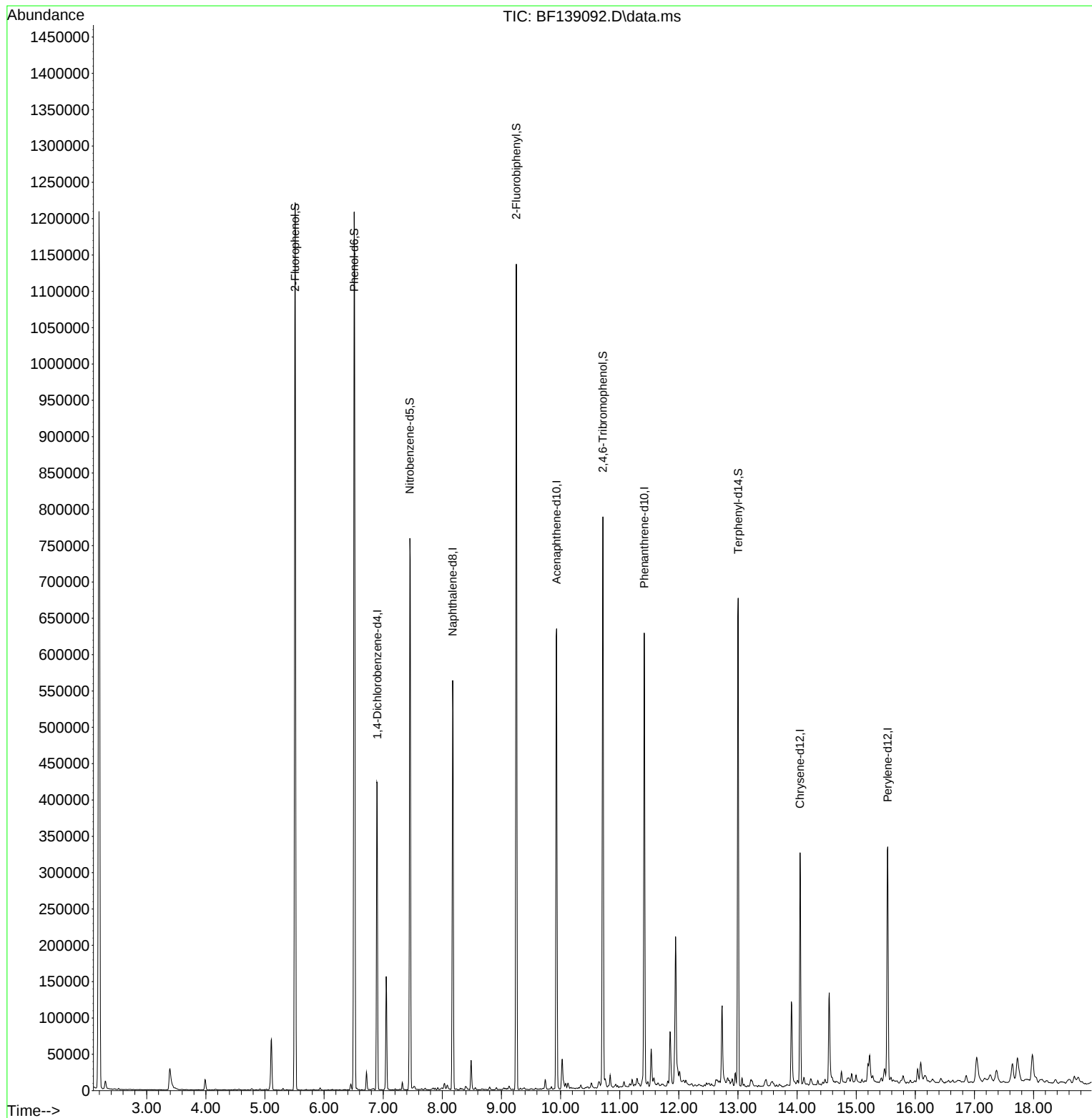
Target Compounds	Qvalue

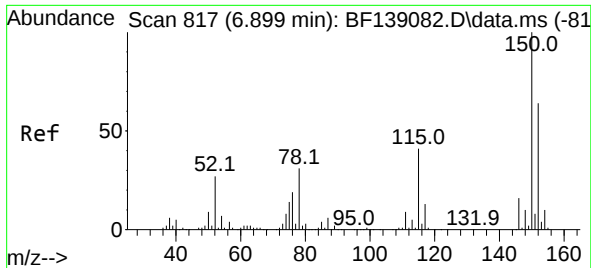
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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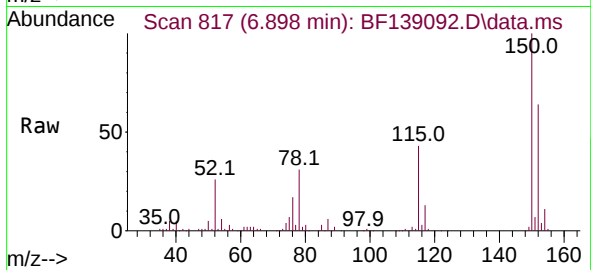
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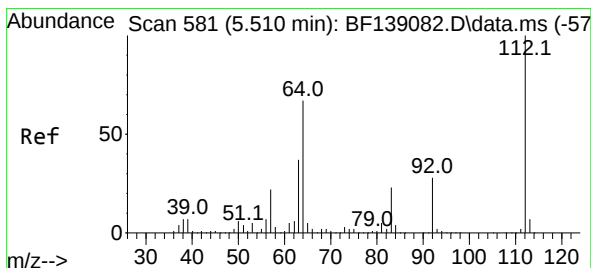
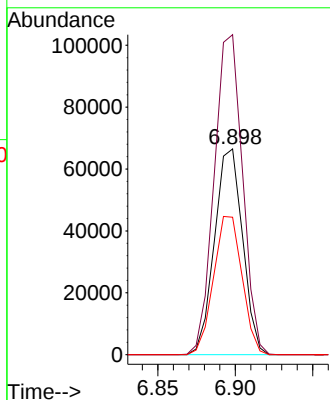
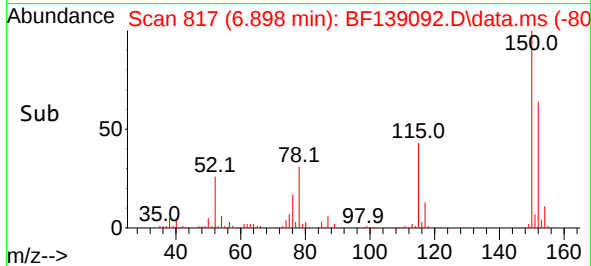


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

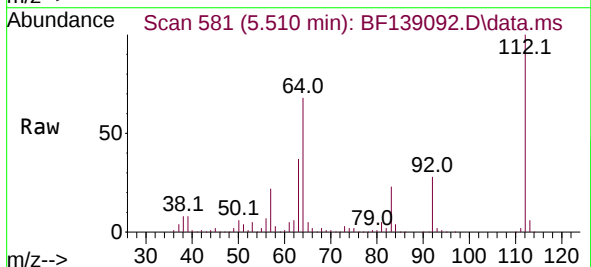
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624



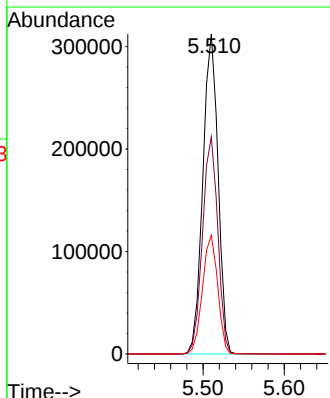
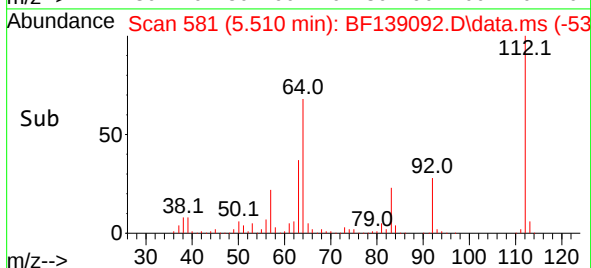
Tgt Ion:152 Resp: 83969
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 66.8 51.8 77.6

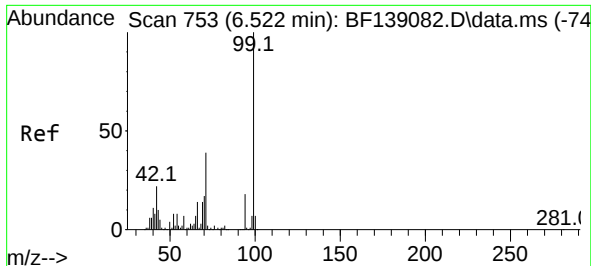


#5
2-Fluorophenol
Concen: 74.346 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22



Tgt Ion:112 Resp: 405766
Ion Ratio Lower Upper
112 100
64 67.8 53.8 80.6
63 37.1 29.4 44.2





#7

Phenol-d6

Concen: 75.916 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF139092.D

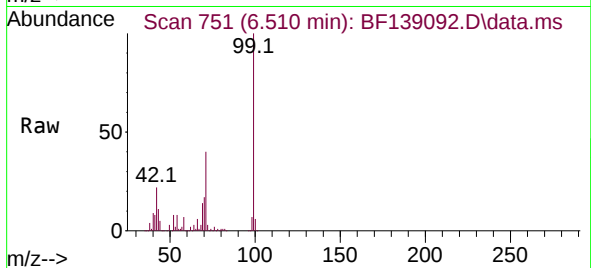
Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624



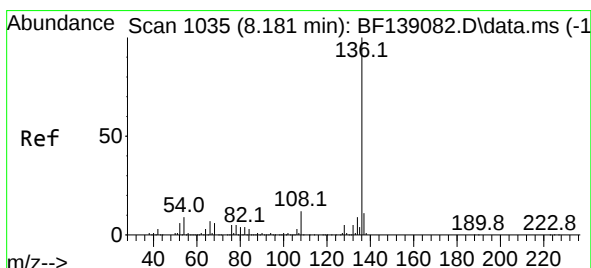
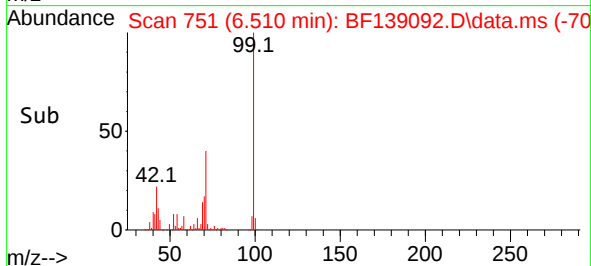
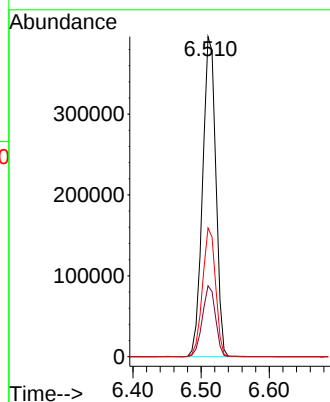
Tgt Ion: 99 Resp: 535373

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.2

71 40.2 31.2 46.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Tgt Ion: 136 Resp: 323212

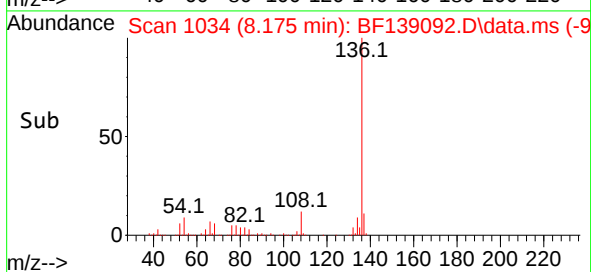
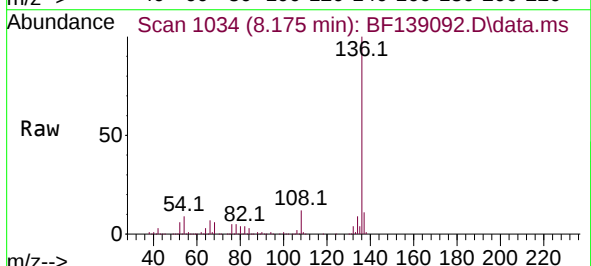
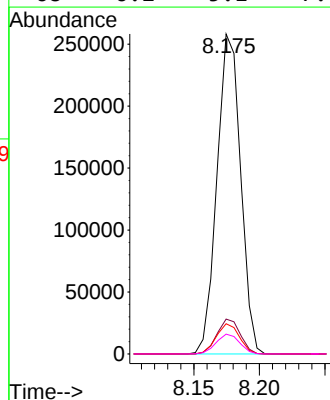
Ion Ratio Lower Upper

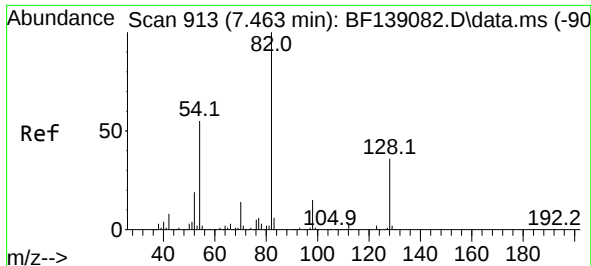
136 100

137 10.9 8.7 13.1

54 9.4 7.6 11.4

68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 59.970 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139092.D

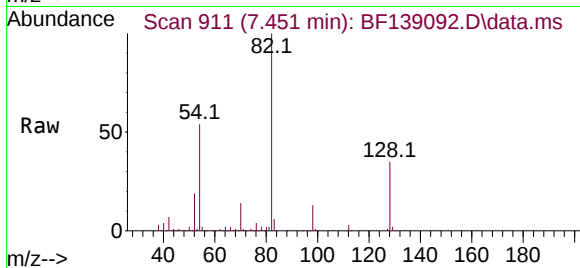
Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624



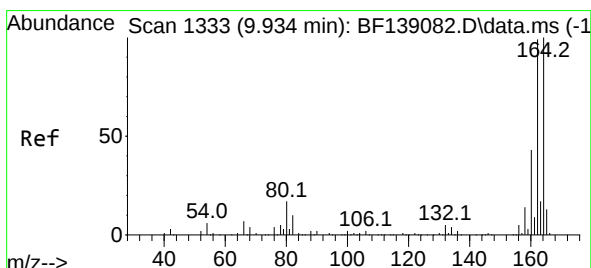
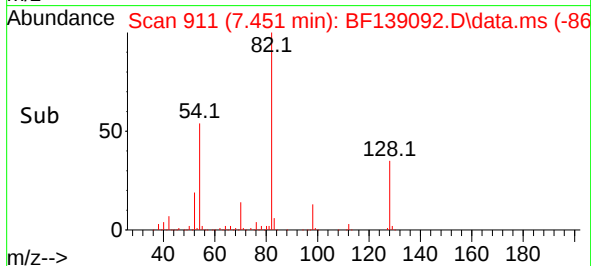
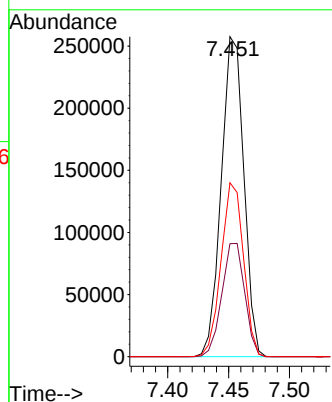
Tgt Ion: 82 Resp: 332641

Ion Ratio Lower Upper

82 100

128 35.3 29.0 43.4

54 54.3 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.001 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

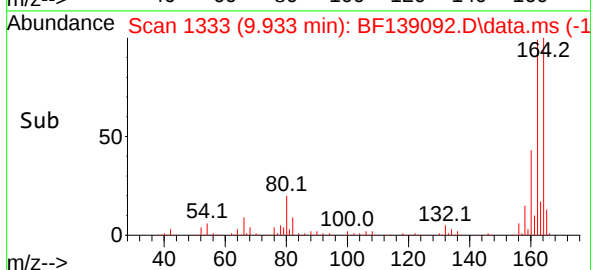
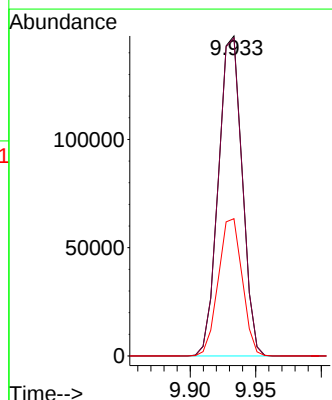
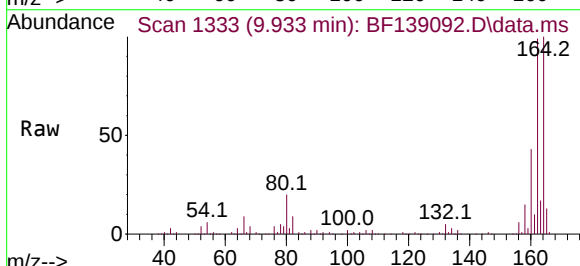
Tgt Ion:164 Resp: 186112

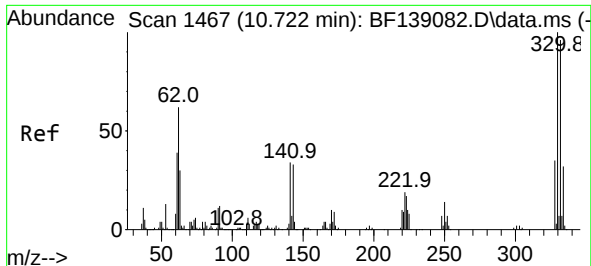
Ion Ratio Lower Upper

164 100

162 99.4 79.5 119.3

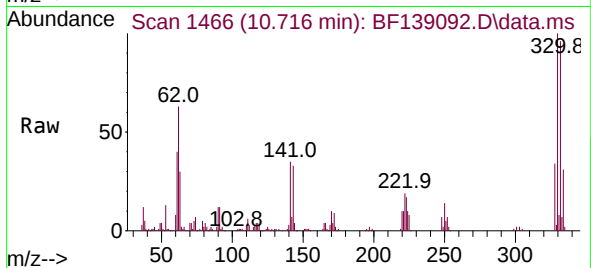
160 42.9 34.5 51.7



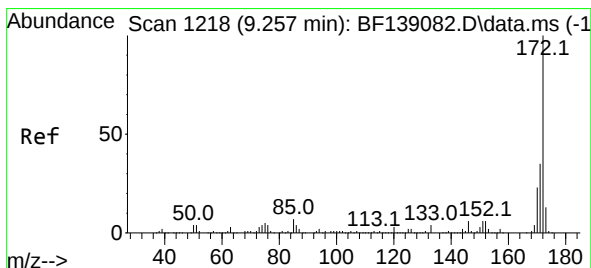
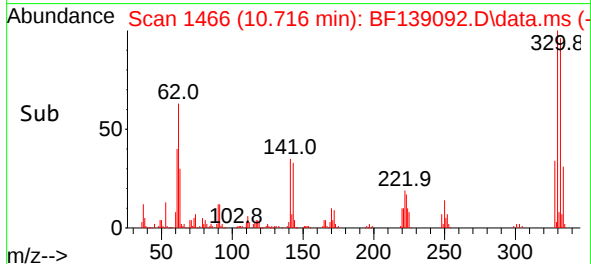
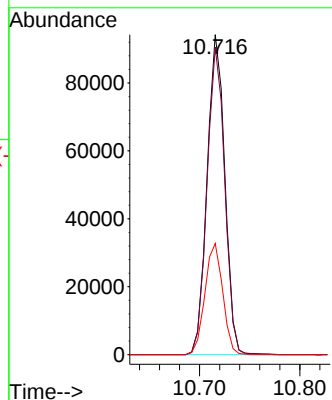


#42
2,4,6-Tribromophenol
Concen: 68.841 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

Instrument :
BNA_F
ClientSampleId :
916-J-SD-0.5-1-081624

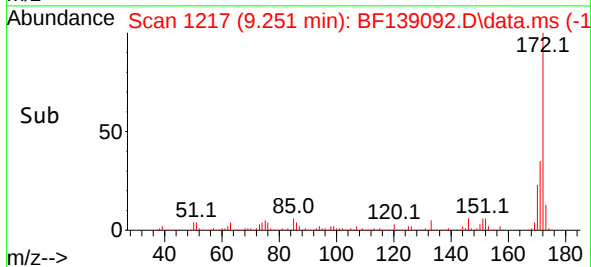
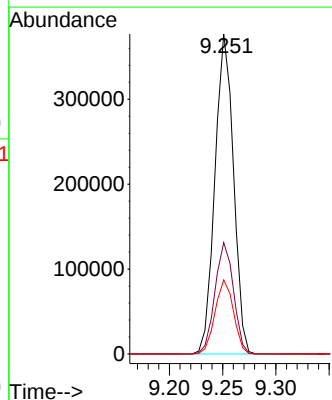
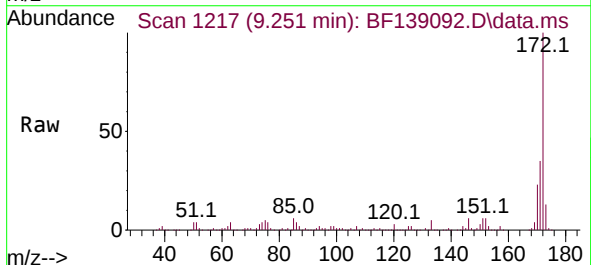


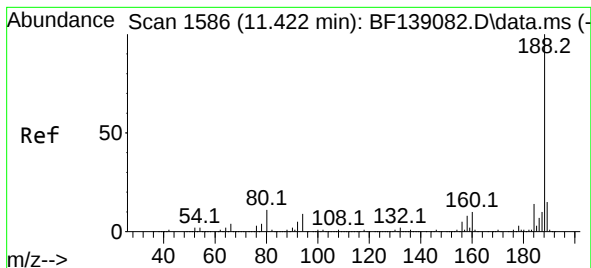
Tgt Ion:330 Resp: 115986
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 34.9 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 38.880 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139092.D
Acq: 21 Aug 2024 10:22

Tgt Ion:172 Resp: 456066
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0.5-1-081624

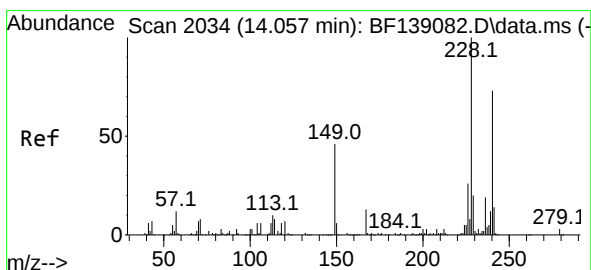
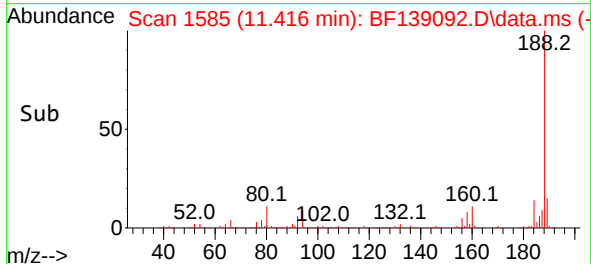
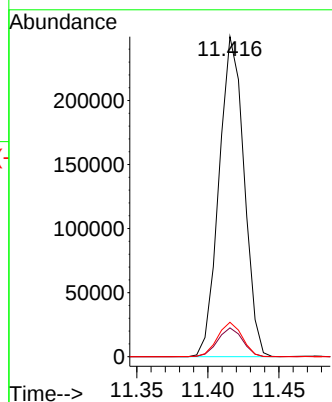
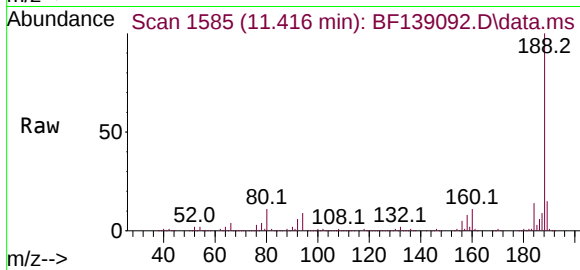
Tgt Ion:188 Resp: 306274

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

80 10.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

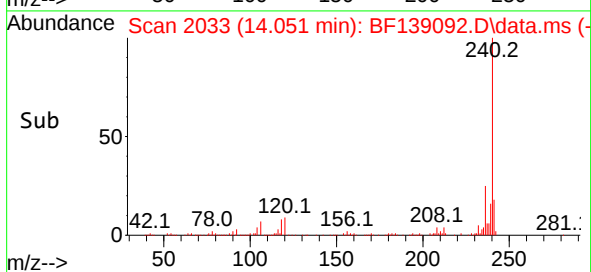
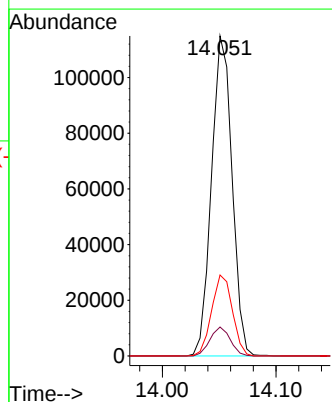
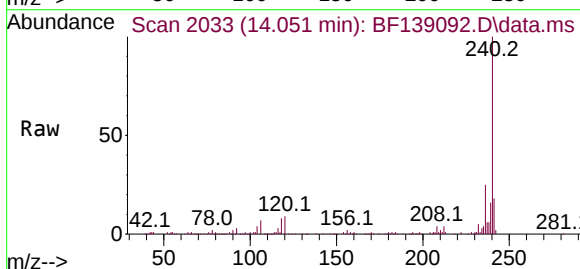
Tgt Ion:240 Resp: 144567

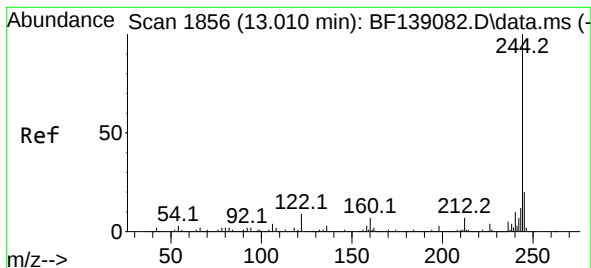
Ion Ratio Lower Upper

240 100

120 9.1 7.8 11.6

236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 36.780 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139092.D

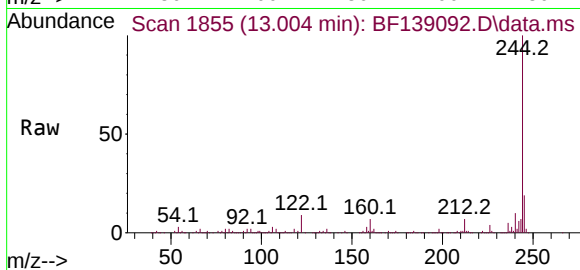
Acq: 21 Aug 2024 10:22

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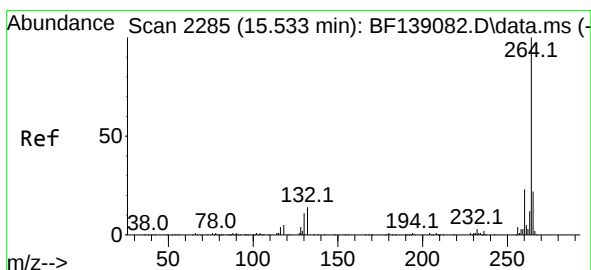
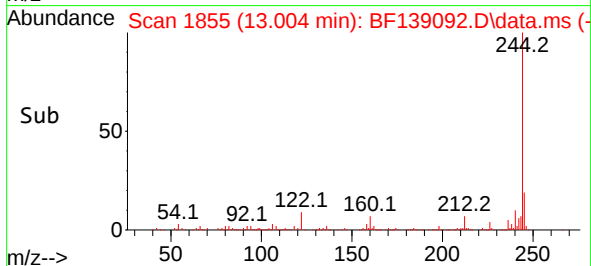
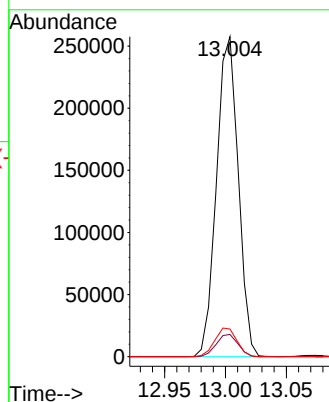
Tgt Ion:244 Resp: 320451

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF139092.D

Acq: 21 Aug 2024 10:22

Tgt Ion:264 Resp: 186947

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.4 17.4 26.2

