

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139096.D
 Acq On : 21 Aug 2024 12:21
 Operator : RC/JU
 Sample : P3663-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 916-J-SD-0-0.5-081624

Quant Time: Aug 21 12:52:29 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	86250	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	334904	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	190520	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	313079	20.000	ng	0.00
76) Chrysene-d12	14.051	240	143438	20.000	ng	0.00
86) Perylene-d12	15.533	264	184759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	392130	69.948	ng	0.00
7) Phenol-d6	6.510	99	526014	72.616	ng	-0.01
23) Nitrobenzene-d5	7.451	82	329832	57.387	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	121332	70.348	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	530714	44.197	ng	0.00
79) Terphenyl-d14	13.004	244	414863	47.991	ng	0.00

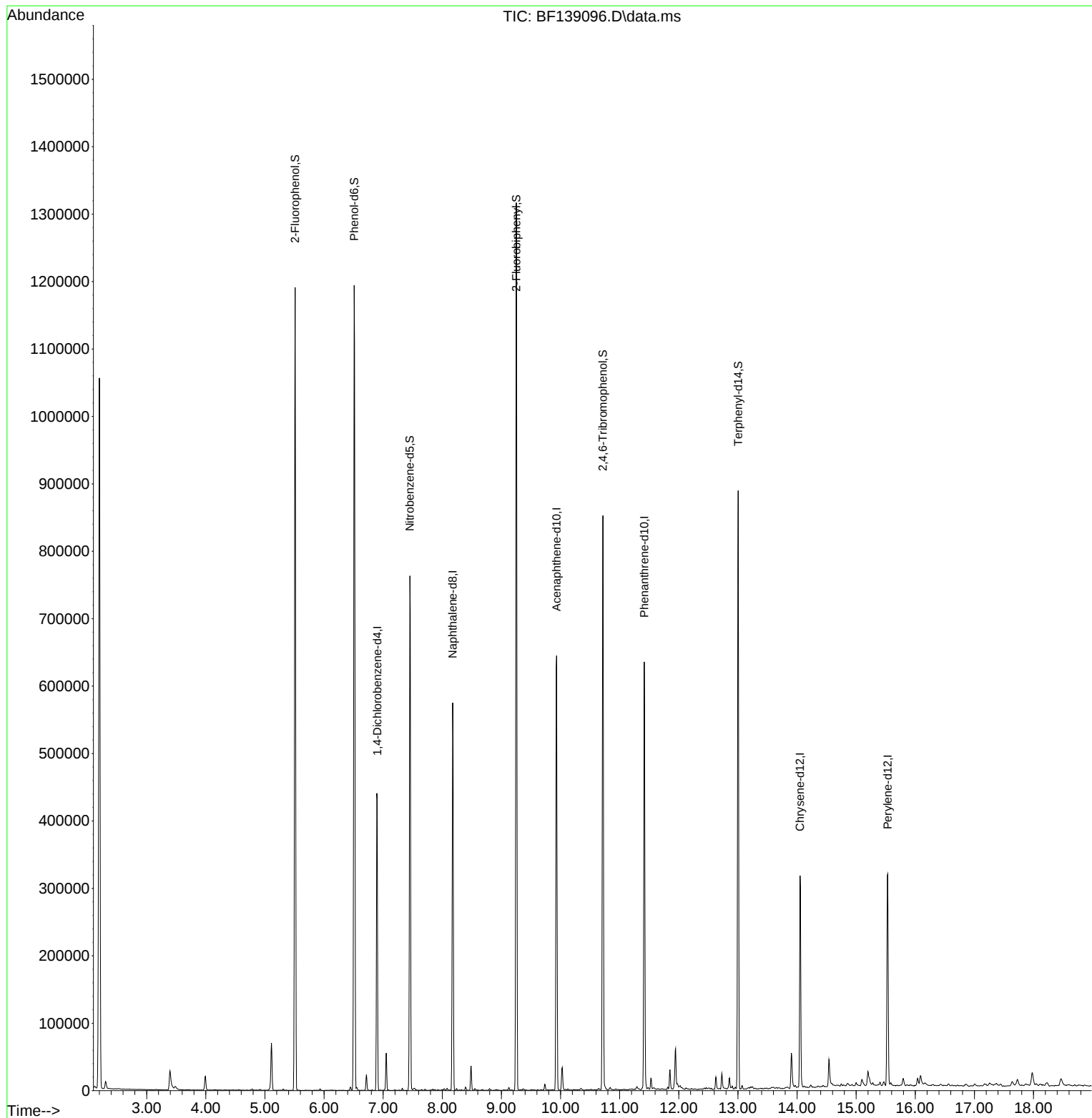
Target Compounds	Qvalue

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

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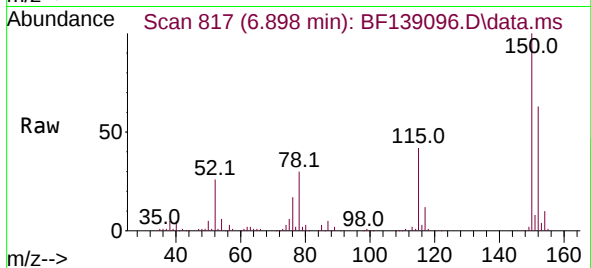
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
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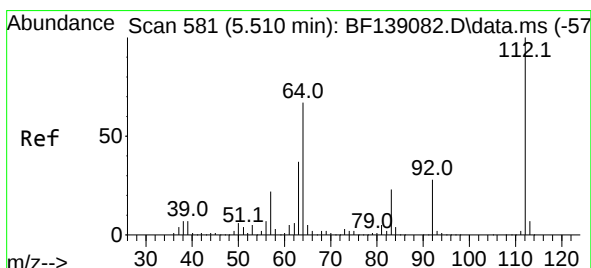
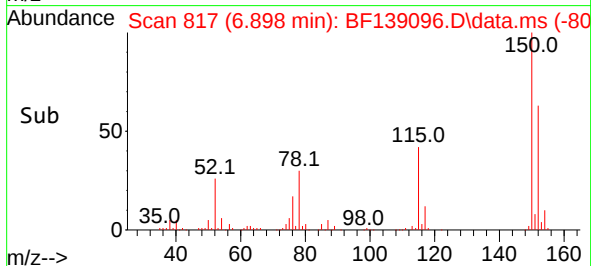
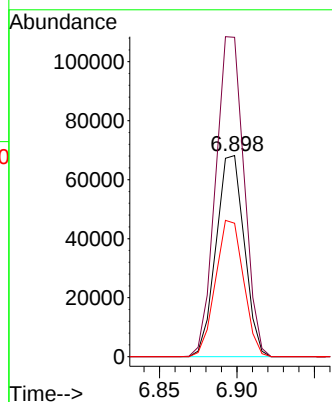


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

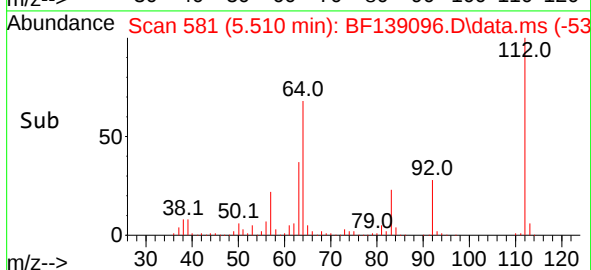
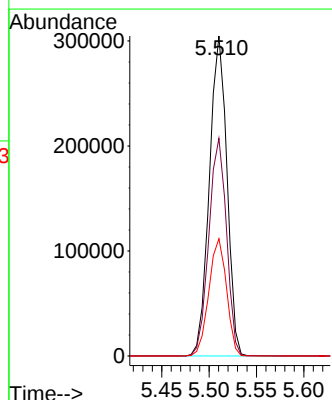
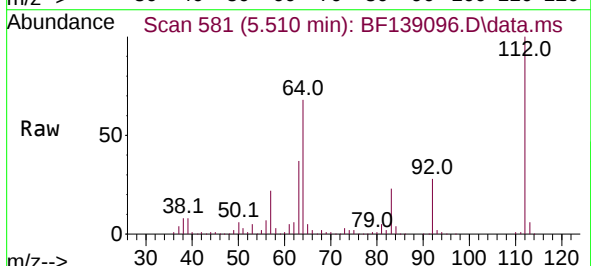


Tgt Ion:152 Resp: 86250
Ion Ratio Lower Upper
152 100
150 158.8 125.1 187.7
115 66.3 51.8 77.6



#5
2-Fluorophenol
Concen: 69.948 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion:112 Resp: 392130
Ion Ratio Lower Upper
112 100
64 68.0 53.8 80.6
63 36.7 29.4 44.2





#7

Phenol-d6

Concen: 72.616 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF139096.D

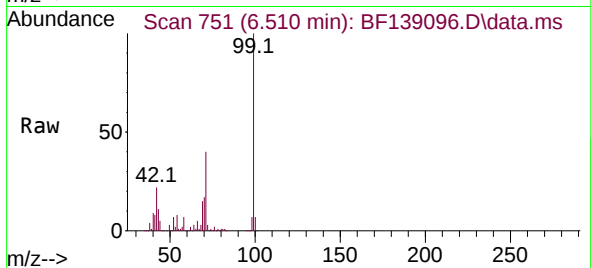
Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624



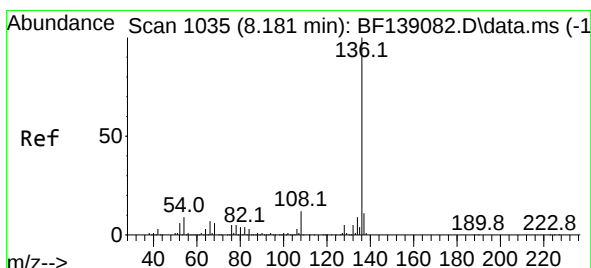
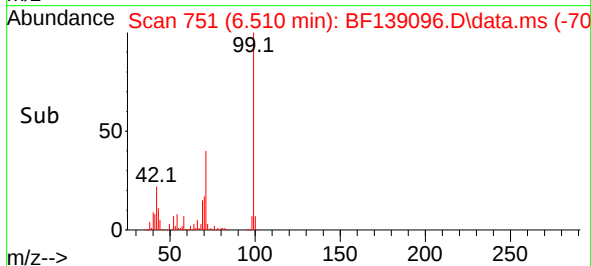
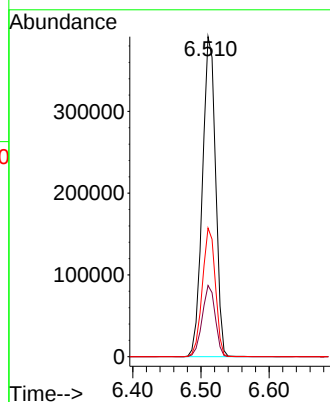
Tgt Ion: 99 Resp: 526014

Ion Ratio Lower Upper

99 100

42 22.2 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: BF139096.D

Acq: 21 Aug 2024 12:21

Tgt Ion: 136 Resp: 334904

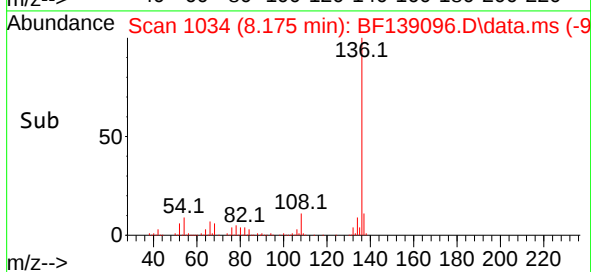
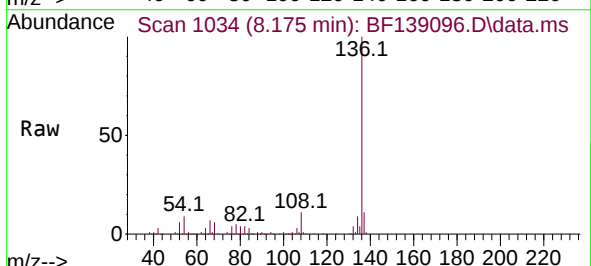
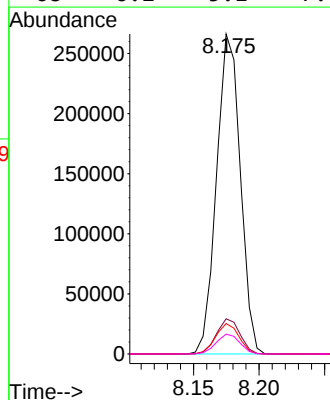
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.5 7.6 11.4

68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 57.387 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139096.D

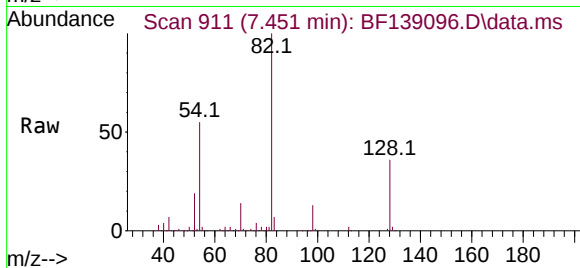
Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624



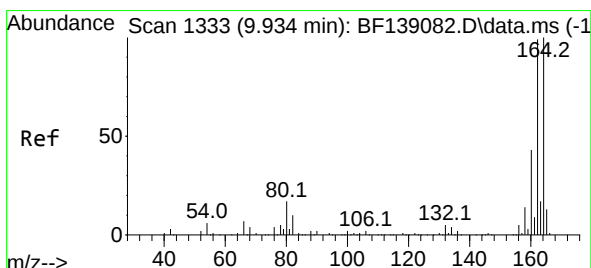
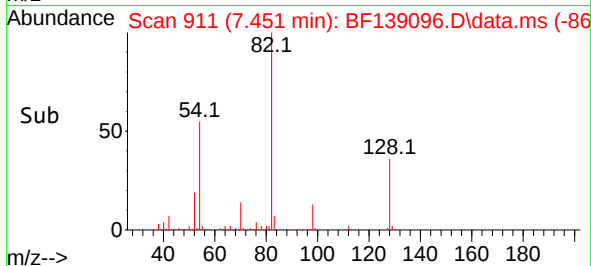
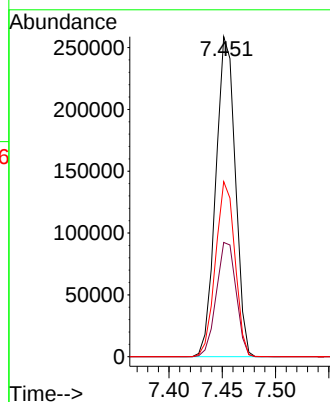
Tgt Ion: 82 Resp: 329832

Ion Ratio Lower Upper

82 100

128 35.7 29.0 43.4

54 54.7 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

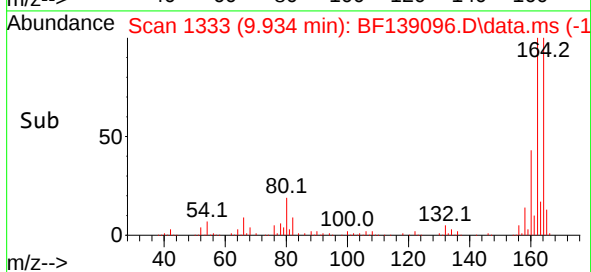
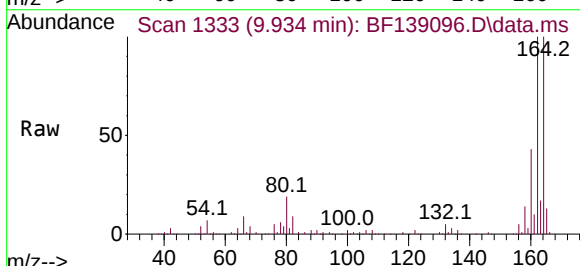
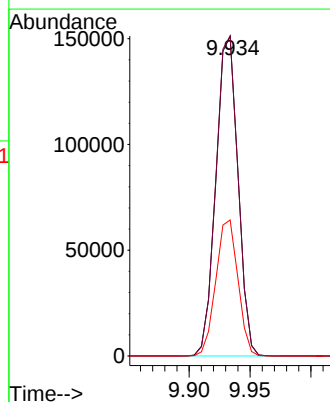
Tgt Ion: 164 Resp: 190520

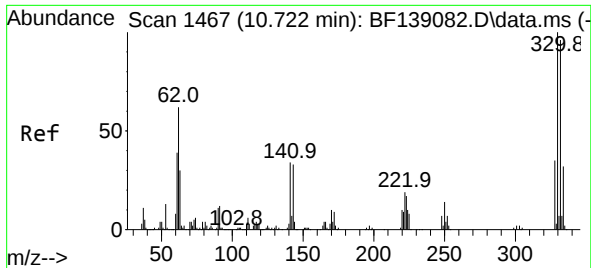
Ion Ratio Lower Upper

164 100

162 100.0 79.5 119.3

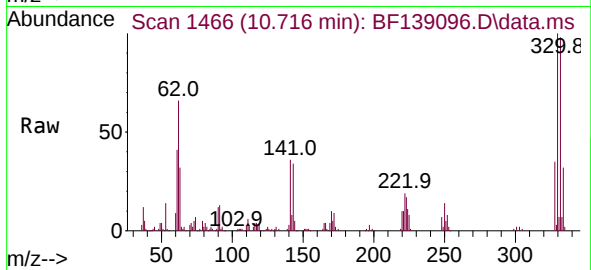
160 42.5 34.5 51.7



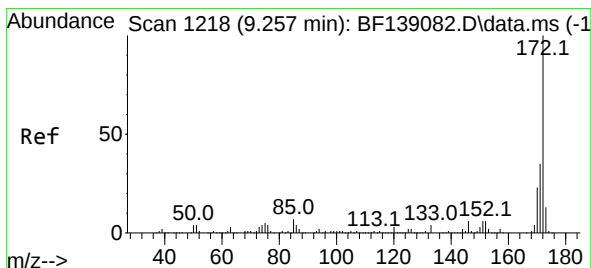
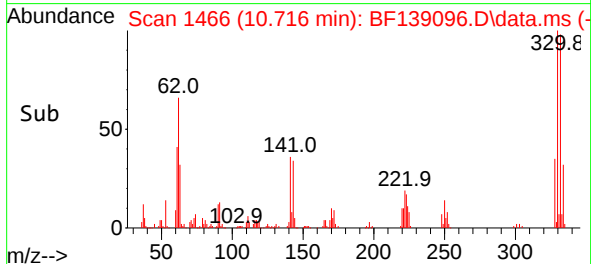
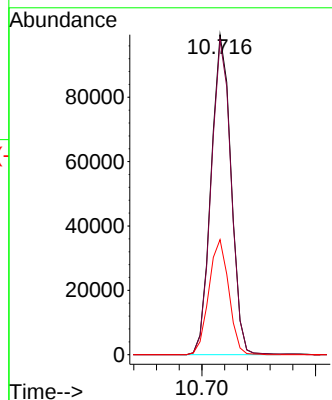


#42
2,4,6-Tribromophenol
Concen: 70.348 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

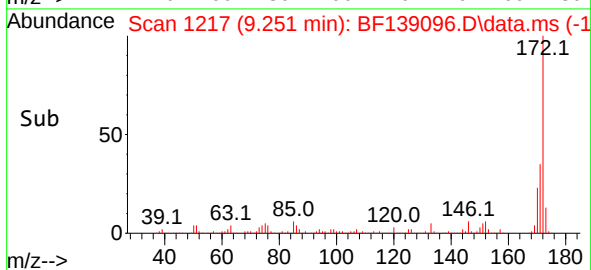
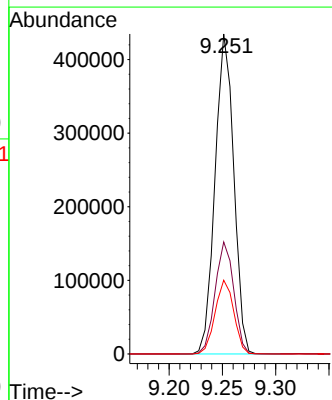
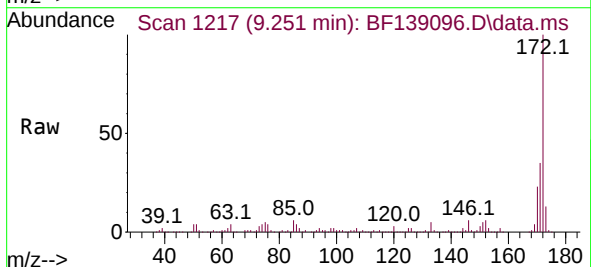


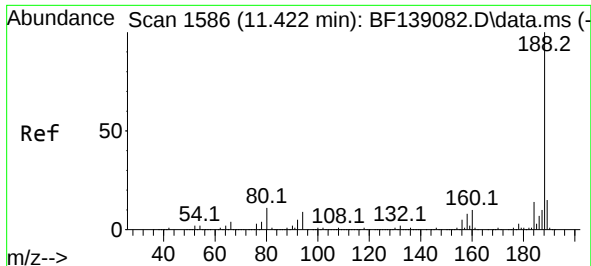
Tgt Ion: 330 Resp: 121332
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 35.8 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 44.197 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion: 172 Resp: 530714
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.1 18.8 28.2

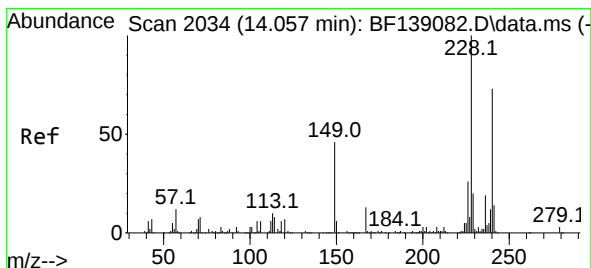
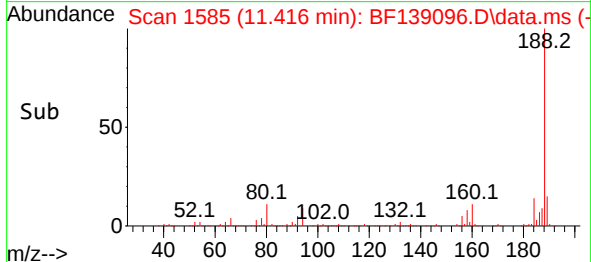
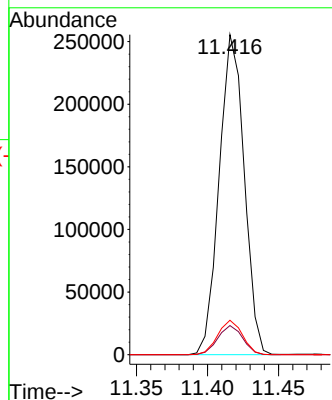
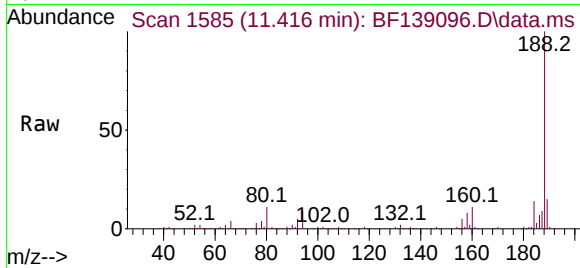




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

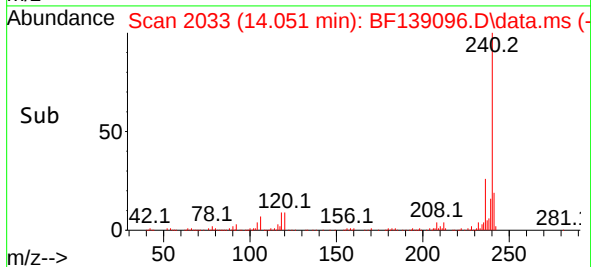
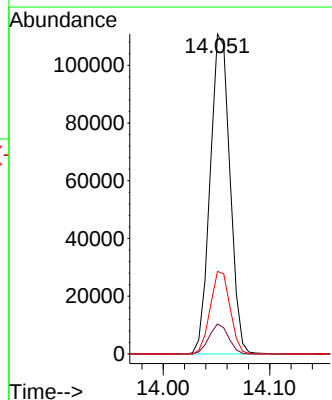
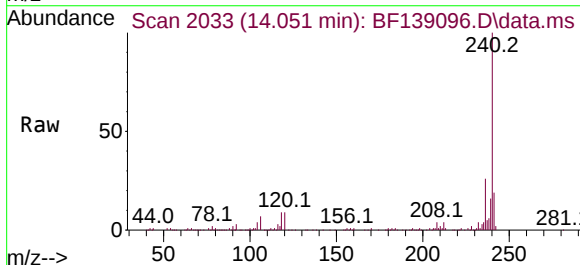
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

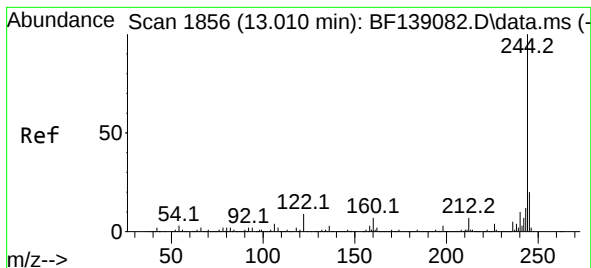
Tgt Ion:188 Resp: 313079
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.7 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion:240 Resp: 143438
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 47.991 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624

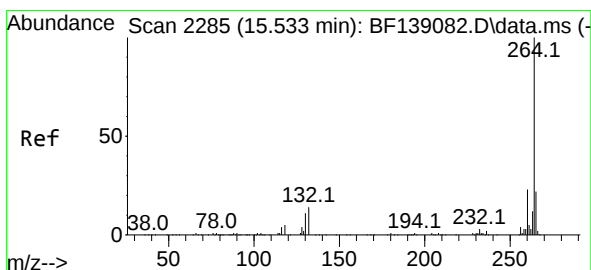
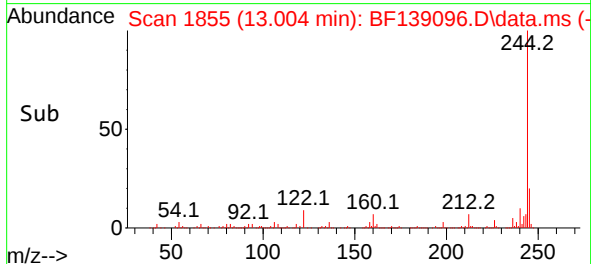
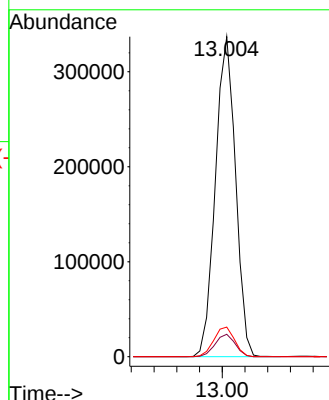
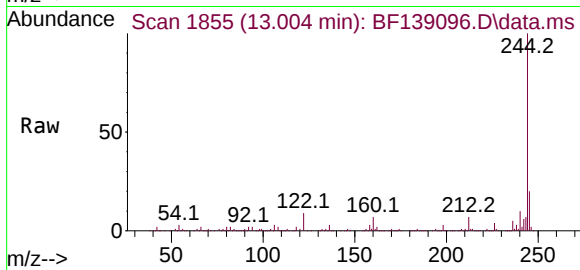
Tgt Ion:244 Resp: 414863

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.3 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: BF139096.D

Acq: 21 Aug 2024 12:21

Tgt Ion:264 Resp: 184759

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.7 17.4 26.2

