

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)

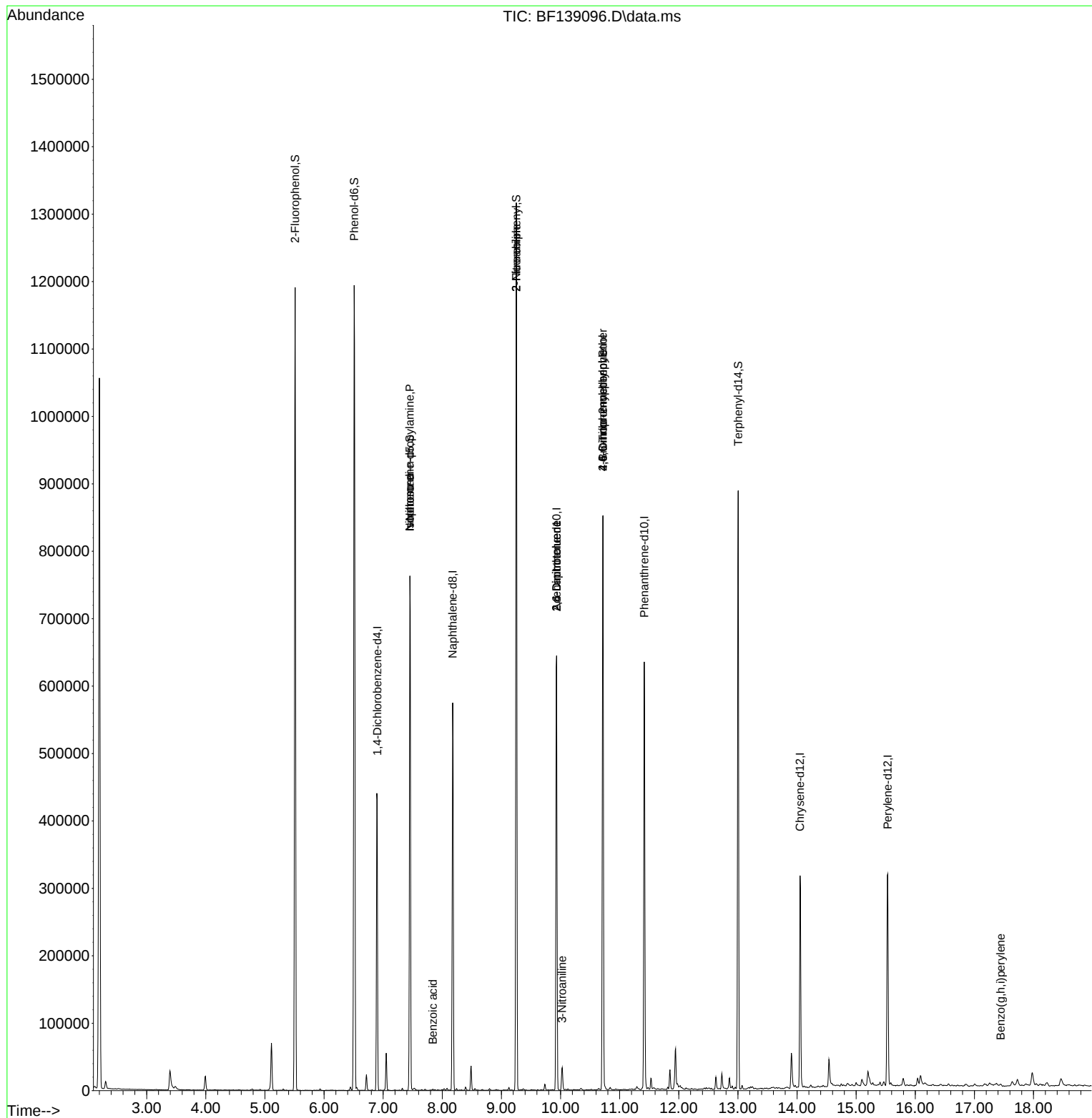
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	86250	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	334904	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	190520	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	313079	20.000	ng	0.00
76) Chrysene-d12	14.051	240	143438	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.451	70	45974	9.665	ng	# 81
25) Isophorone	7.451	82	329754	26.993	ng	# 69
32) Benzoic acid	7.840	122	306	8.425	ng	# 88
48) 2-Nitroaniline	9.251	65	954	5.934	ng	# 1
51) 2,6-Dinitrotoluene	9.934	165	24599	13.963	ng	# 16
53) 3-Nitroaniline	10.028	138	186	4.246	ng	# 1
57) 2,4-Dinitrotoluene	9.934	165	24599	12.901	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.716	198	278	6.740	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	8692	2.620	ng	# 1
92) Benzo(g,h,i)perylene	17.445	276	2670	3.042	ng	# 93

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

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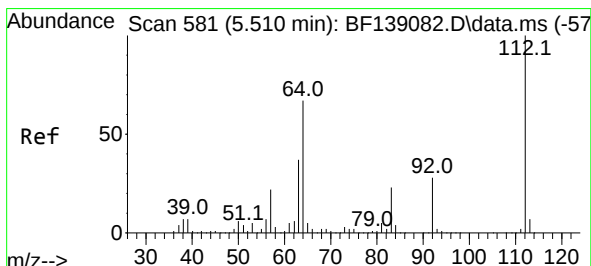
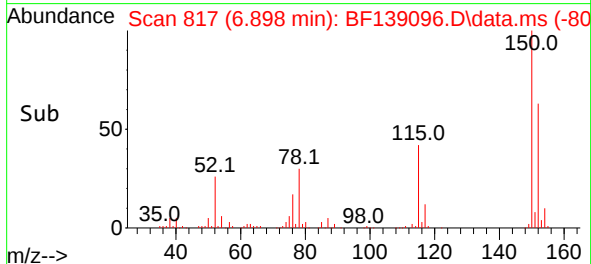
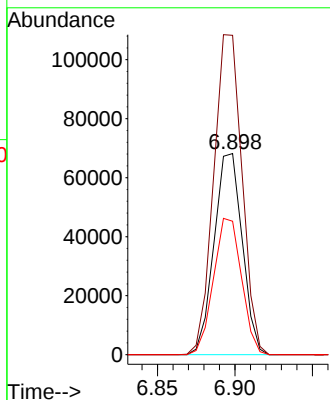
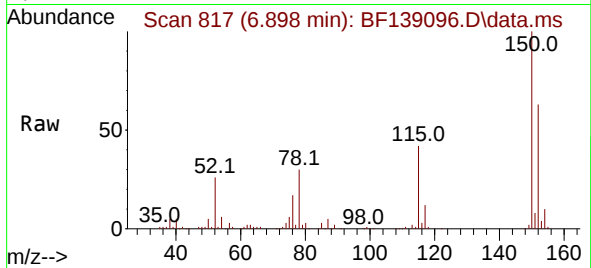




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

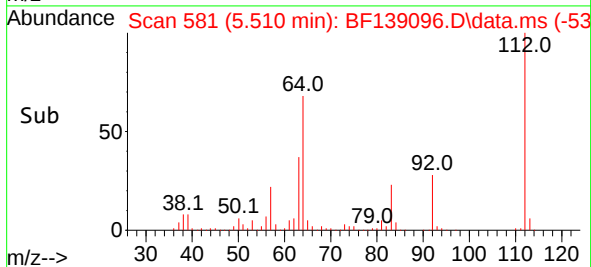
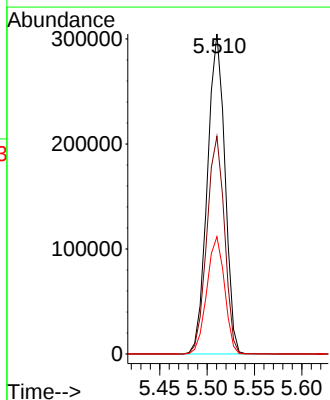
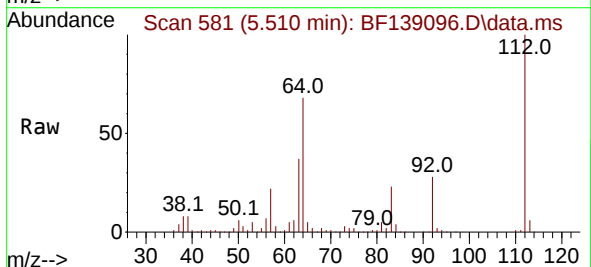
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

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

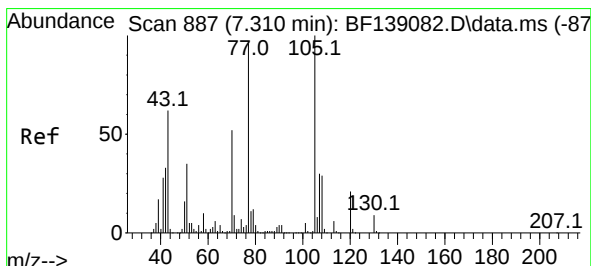
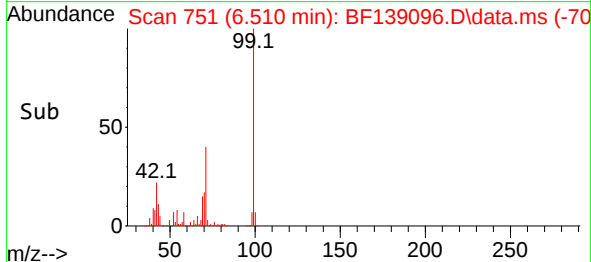
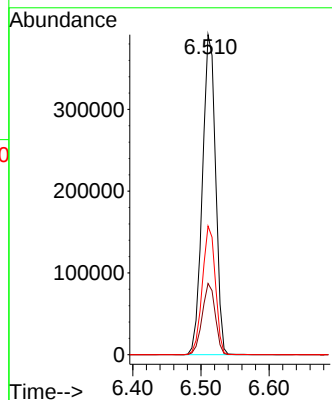
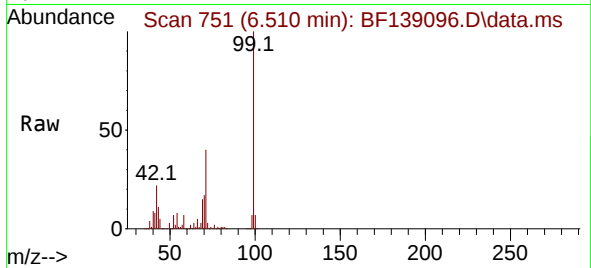




#7
Phenol-d6
Concen: 72.616 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

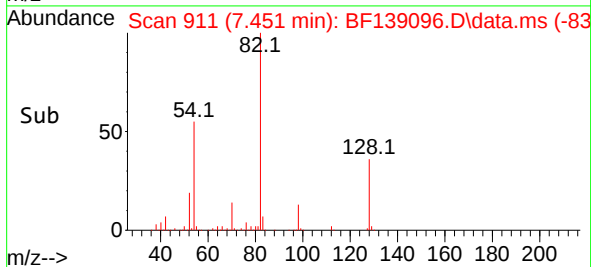
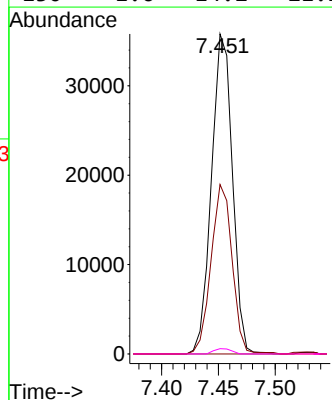
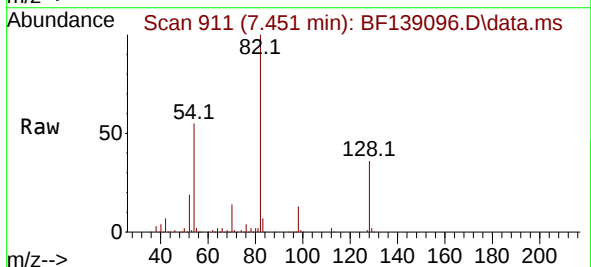
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

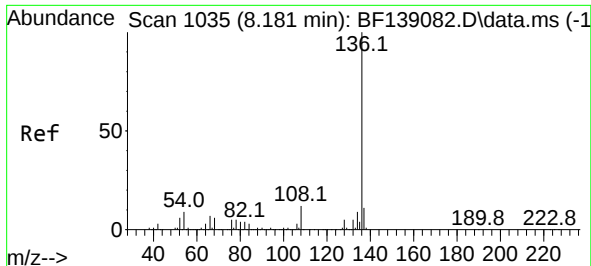
Tgt Ion: 99 Resp: 526014
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.2
71 40.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.665 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion: 70 Resp: 45974
Ion Ratio Lower Upper
70 100
42 53.0 50.5 75.7
101 0.0 7.2 10.8#
130 1.6 14.2 21.2#

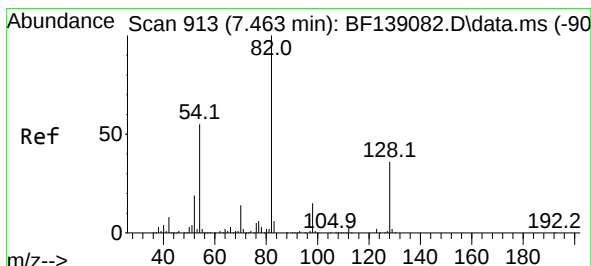
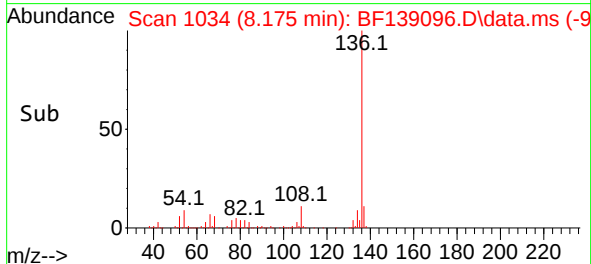
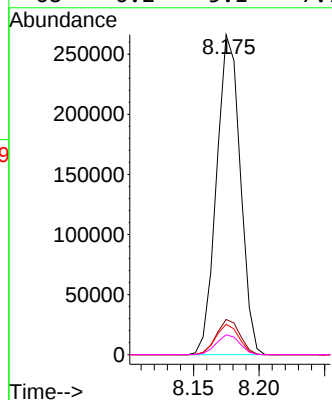
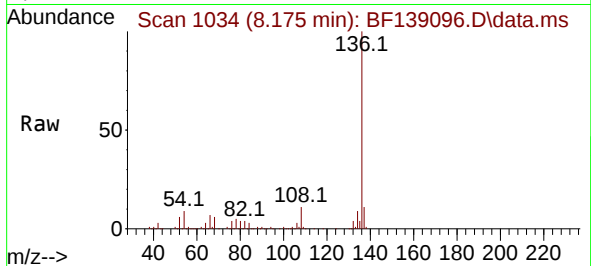




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

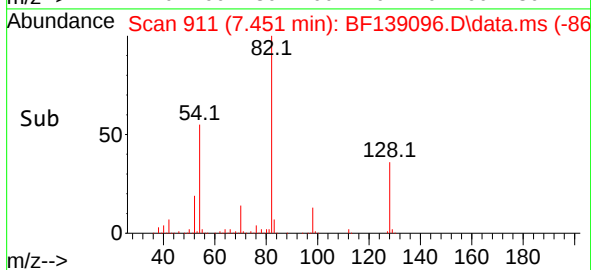
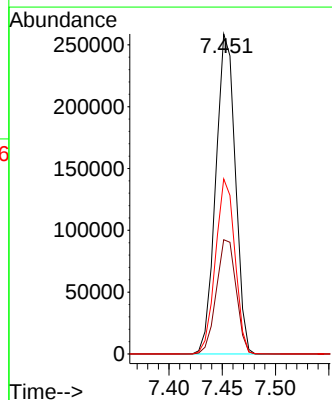
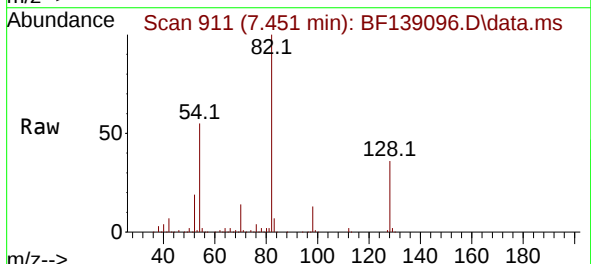
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

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

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

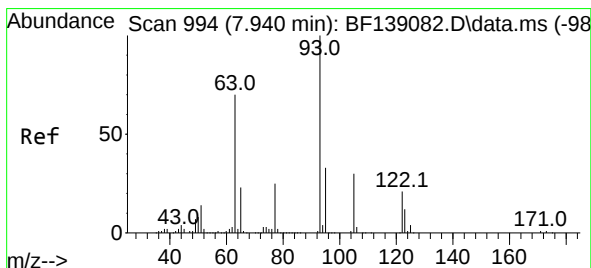
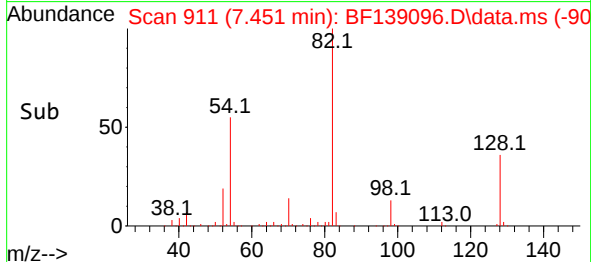
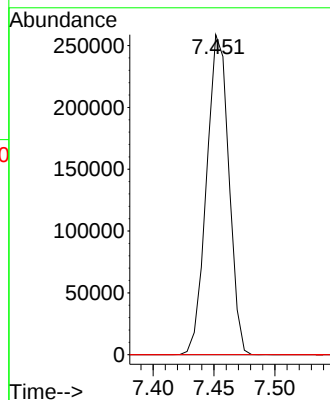
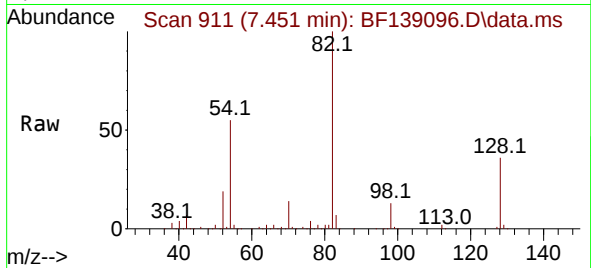




#25
Isophorone
Concen: 26.993 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

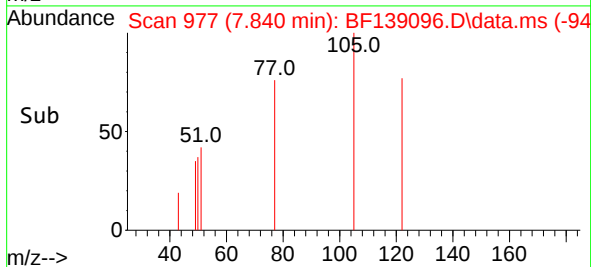
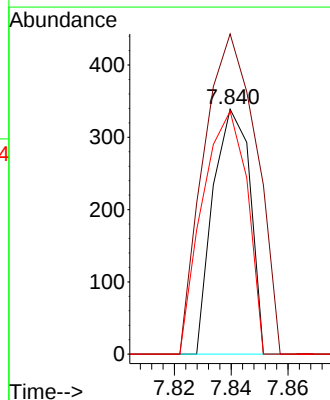
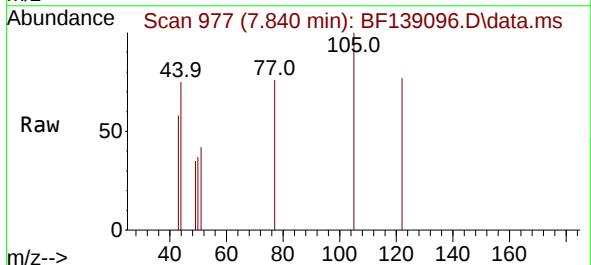
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

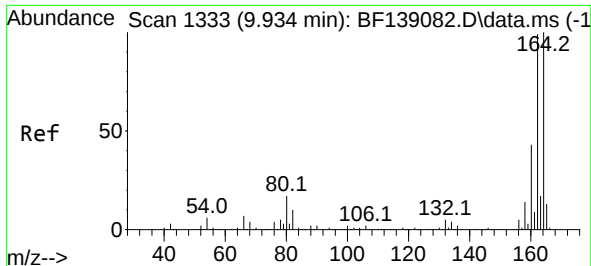
Tgt Ion: 82 Resp: 329754
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 8.425 ng
RT: 7.840 min Scan# 977
Delta R.T. -0.100 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion:122 Resp: 306
Ion Ratio Lower Upper
122 100
105 130.7 119.6 159.6
77 99.1 97.6 137.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139096.D

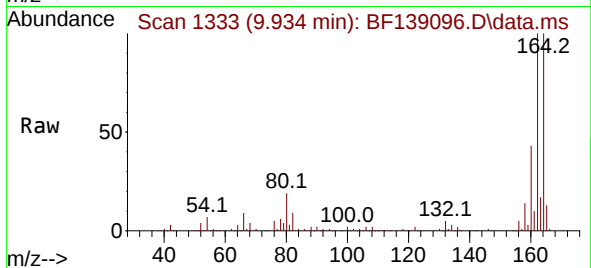
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Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624



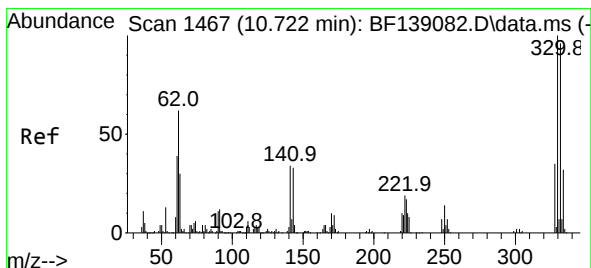
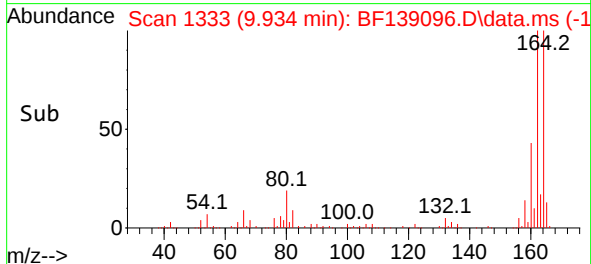
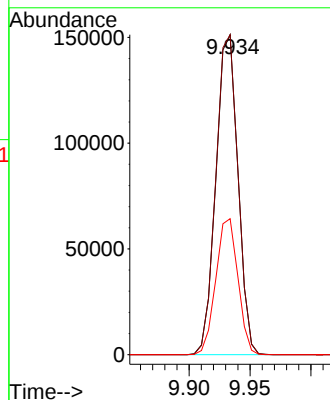
Tgt Ion:164 Resp: 190520

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

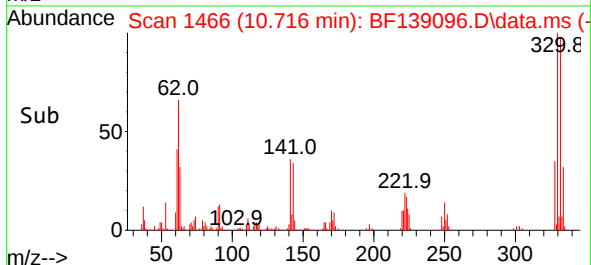
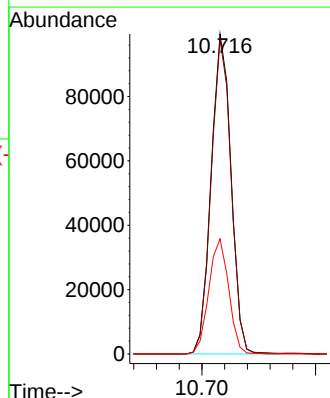
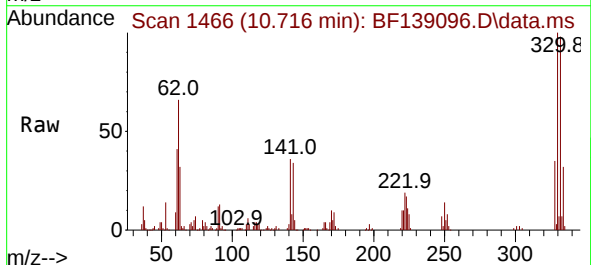
Tgt Ion:330 Resp: 121332

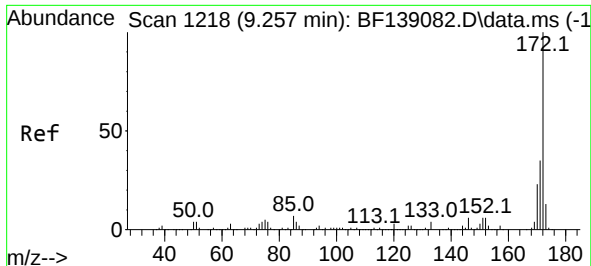
Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

141 35.8 27.5 41.3

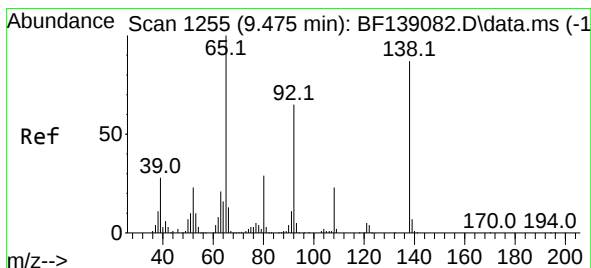
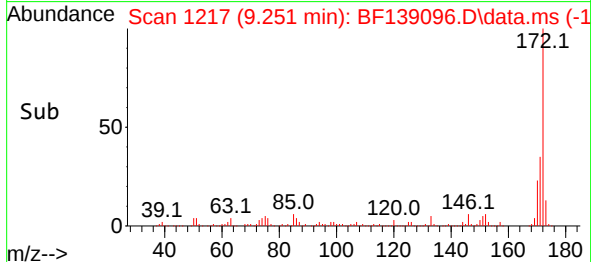
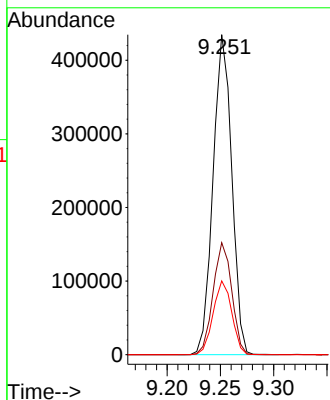
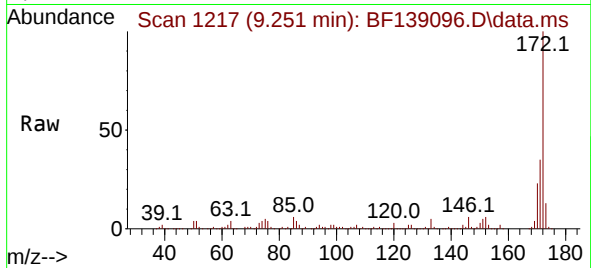




#45
2-Fluorobiphenyl
Concen: 44.197 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

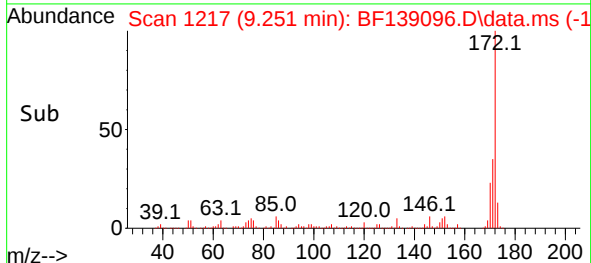
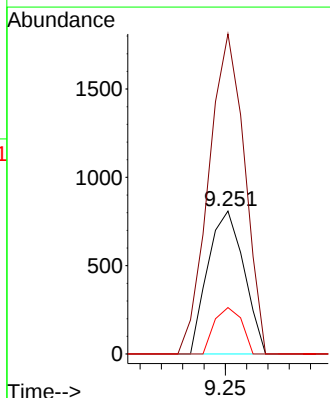
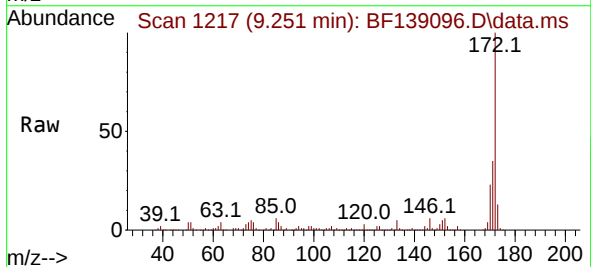
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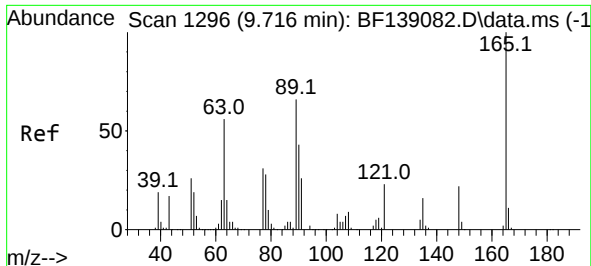
Tgt Ion:172 Resp: 530714
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.1 18.8 28.2



#48
2-Nitroaniline
Concen: 5.934 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.224 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion: 65 Resp: 954
Ion Ratio Lower Upper
65 100
92 224.0 52.4 78.6#
138 32.5 69.4 104.0#





#51

2,6-Dinitrotoluene

Concen: 13.963 ng

RT: 9.934 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624

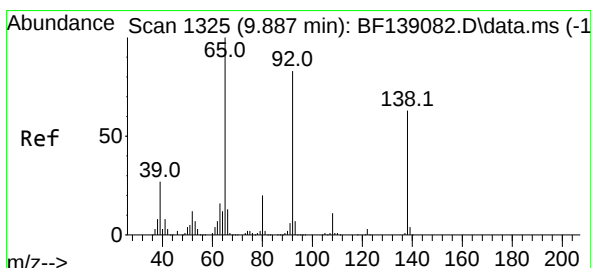
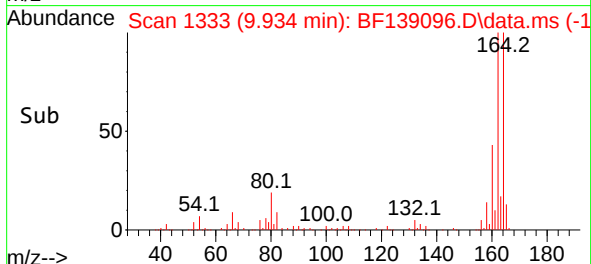
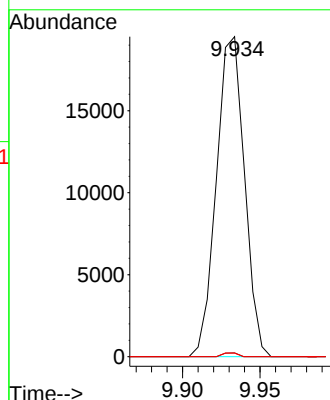
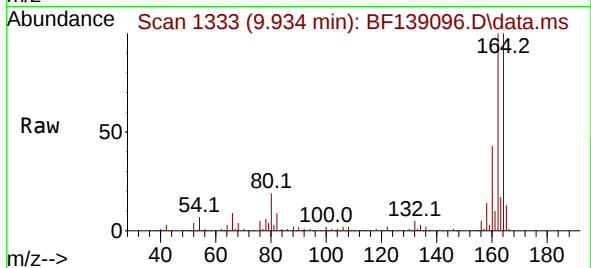
Tgt Ion:165 Resp: 24599

Ion Ratio Lower Upper

165 100

63 1.2 58.0 87.0#

89 1.1 53.3 79.9#



#53

3-Nitroaniline

Concen: 4.246 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.141 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

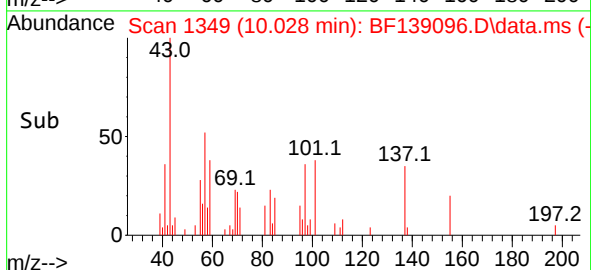
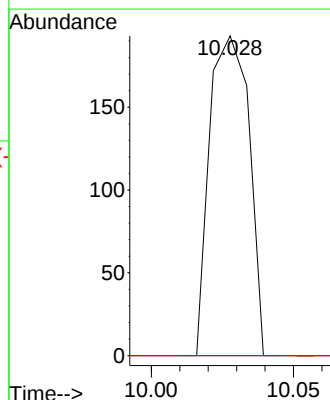
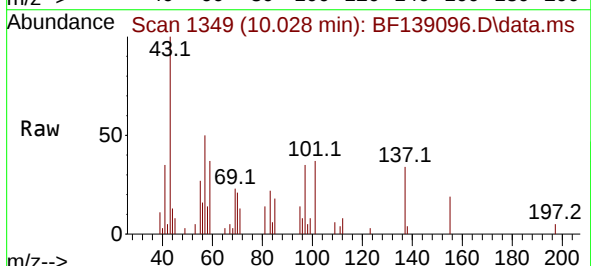
Tgt Ion:138 Resp: 186

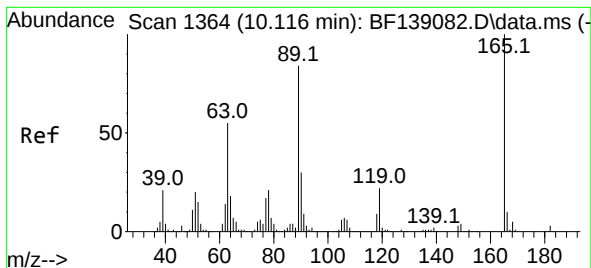
Ion Ratio Lower Upper

138 100

108 0.0 14.6 21.8#

92 0.0 105.9 158.9#





#57

2,4-Dinitrotoluene

Concen: 12.901 ng

RT: 9.934 min Scan# 11

Delta R.T. -0.182 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624

Tgt Ion:165 Resp: 24599

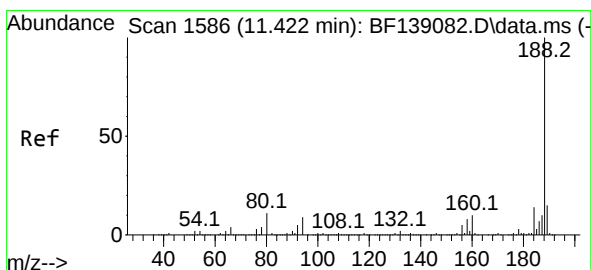
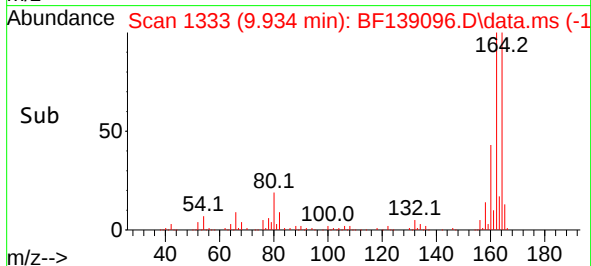
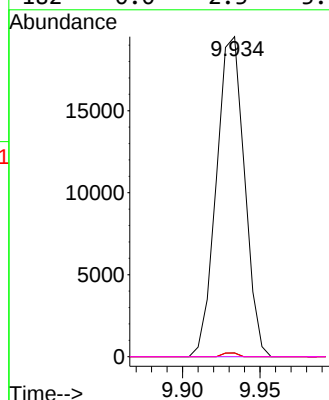
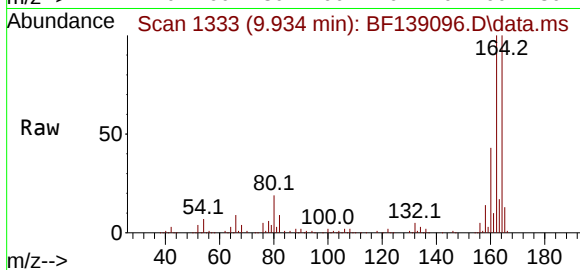
Ion Ratio Lower Upper

165 100

63 1.2 44.2 66.4#

89 1.1 67.4 101.2#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

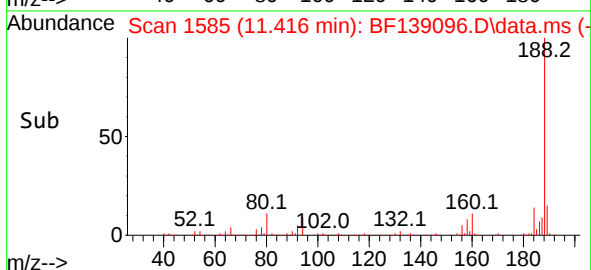
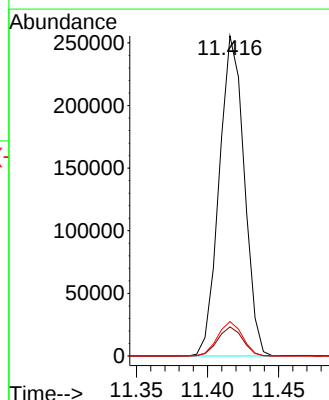
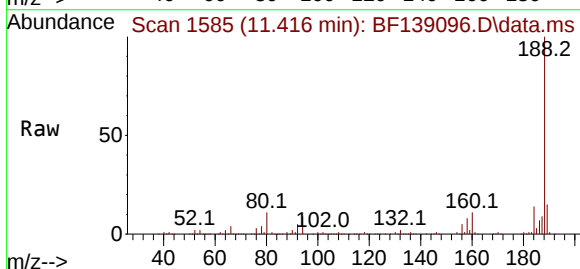
Tgt Ion:188 Resp: 313079

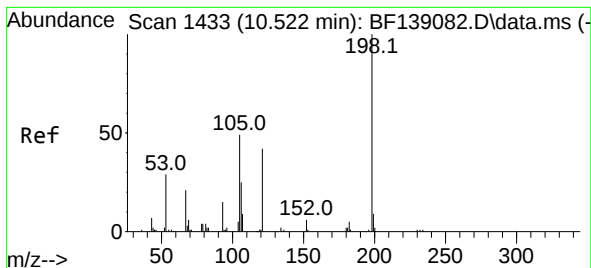
Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.7 8.5 12.7

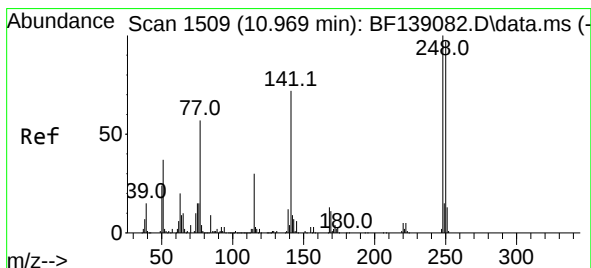
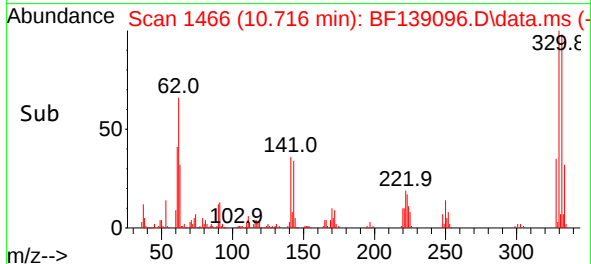
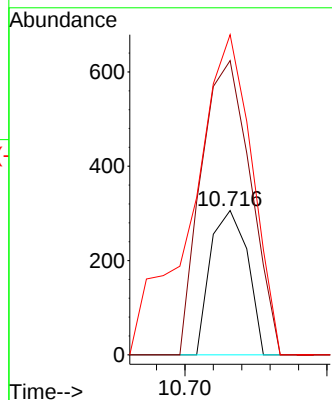
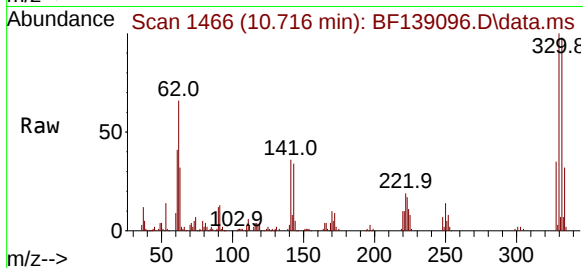




#65
4,6-Dinitro-2-methylphenol
Concen: 6.740 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

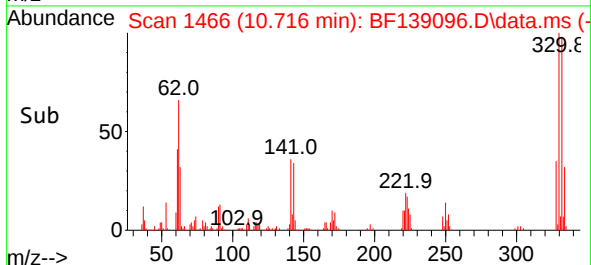
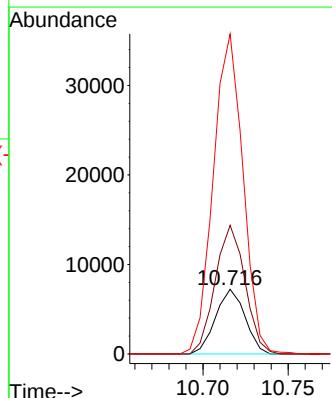
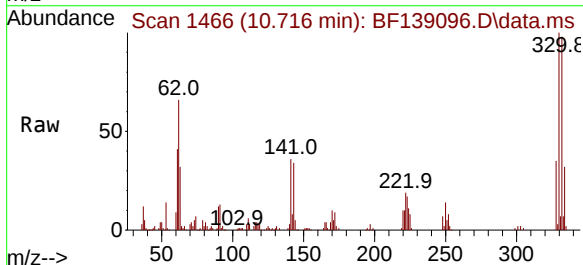
Instrument :
BNA_F
ClientSampleId :
916-J-SD-0-0.5-081624

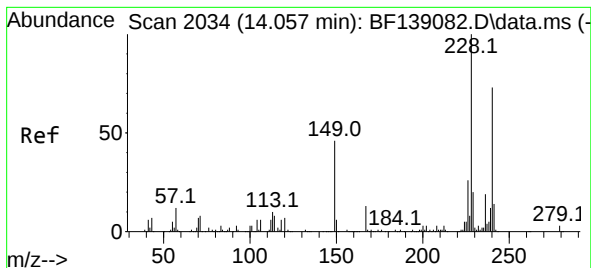
Tgt Ion:198 Resp: 278
Ion Ratio Lower Upper
198 100
51 203.9 40.8 80.8#
105 221.9 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 2.620 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF139096.D
Acq: 21 Aug 2024 12:21

Tgt Ion:248 Resp: 8692
Ion Ratio Lower Upper
248 100
250 199.1 77.8 116.8#
141 495.5 57.9 86.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139096.D

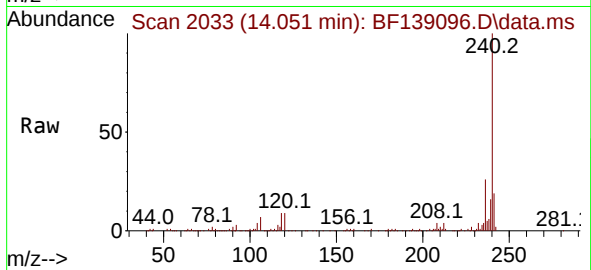
Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624



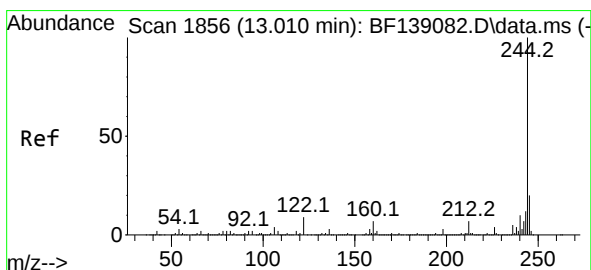
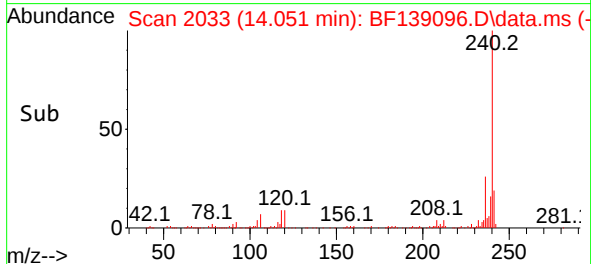
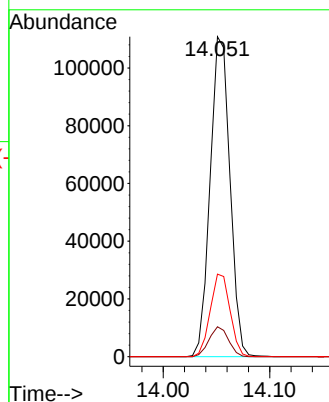
Tgt Ion:240 Resp: 143438

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

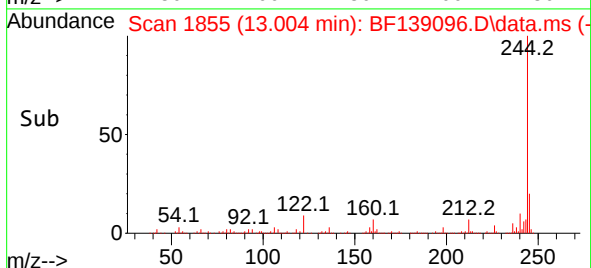
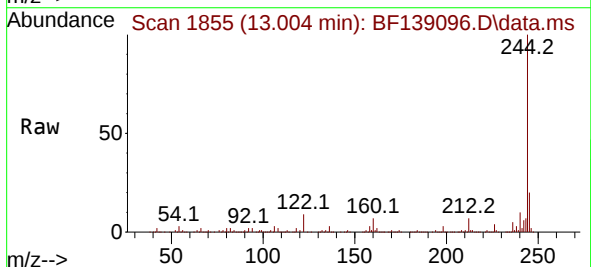
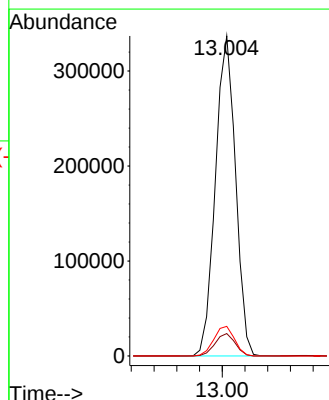
Tgt Ion:244 Resp: 414863

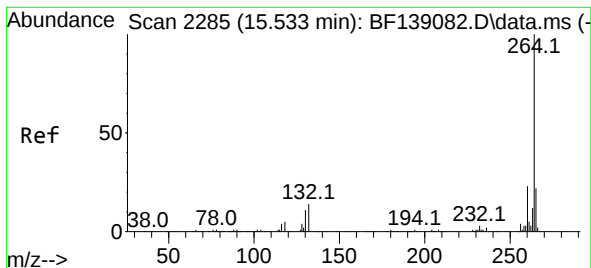
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.000 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

916-J-SD-0-0.5-081624

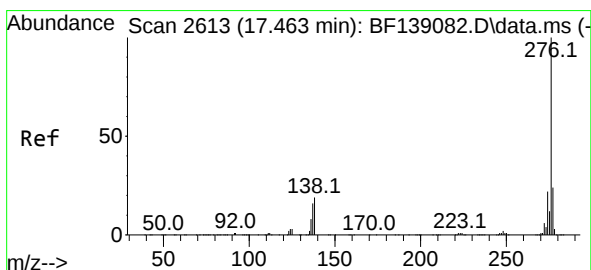
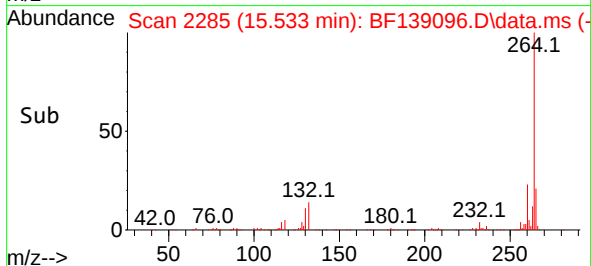
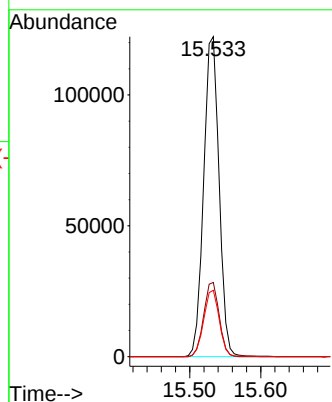
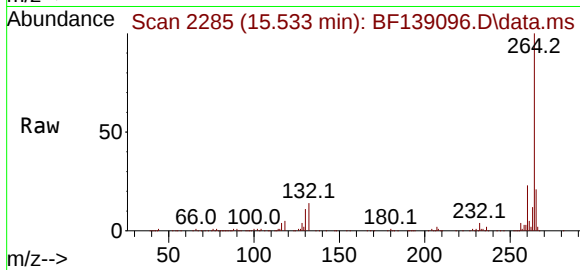
Tgt Ion:264 Resp: 184759

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.7 17.4 26.2



#92

Benzo(g,h,i)perylene

Concen: 3.042 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.018 min

Lab File: BF139096.D

Acq: 21 Aug 2024 12:21

Tgt Ion:276 Resp: 2670

Ion Ratio Lower Upper

276 100

277 26.1 18.8 28.2

138 23.3 15.0 22.4#

