

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139037.D
 Acq On : 15 Aug 2024 22:47
 Operator : RC/JU
 Sample : P3573-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924

Quant Time: Aug 16 00:49:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

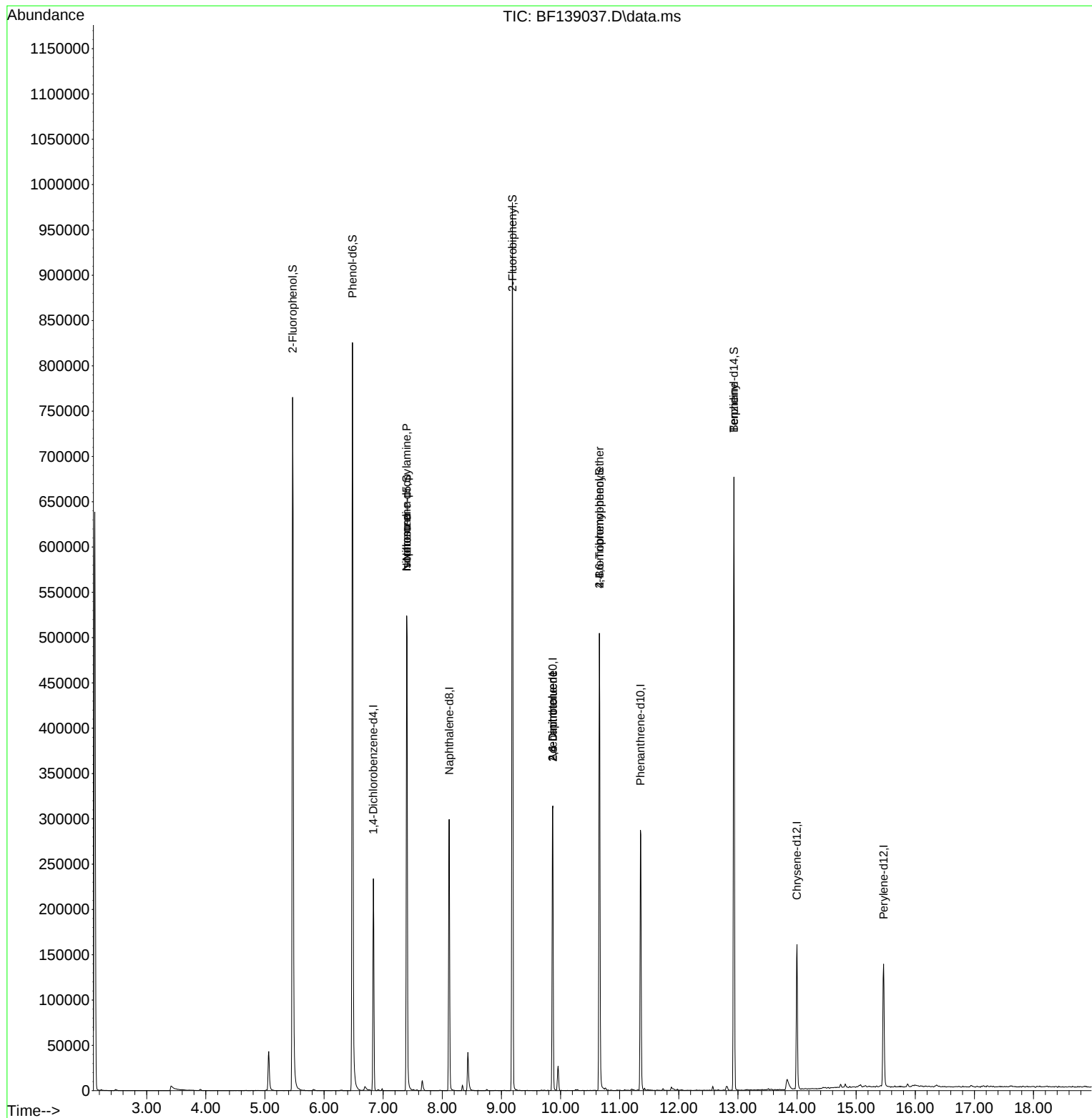
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	42091	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	174325	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94463	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	153392	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	76328	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	79127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	260734	95.622	ng	0.00
7) Phenol-d6	6.481	99	346994	94.784	ng	0.00
23) Nitrobenzene-d5	7.398	82	226132	63.421	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	71020	91.783	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	391856	62.327	ng	-0.02
79) Terphenyl-d14	12.933	244	303747	66.627	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	30432	13.763	ng	# 82
25) Isophorone	7.398	82	226160	37.146	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12058	8.846	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	12058	6.933	ng	# 17
67) 4-Bromophenyl-phenylether	10.657	248	5286	3.183	ng	# 1
77) Benzidine	12.933	184	4542	2.488	ng	# 88

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

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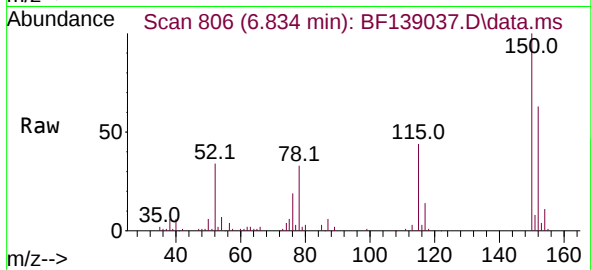
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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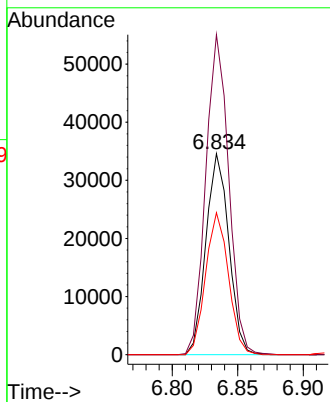
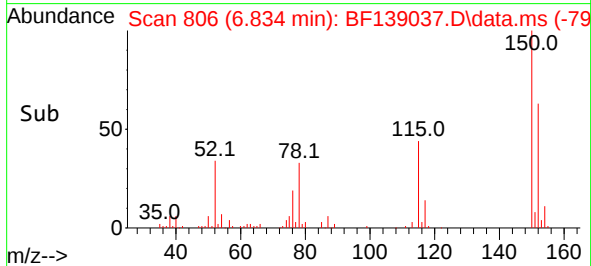


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

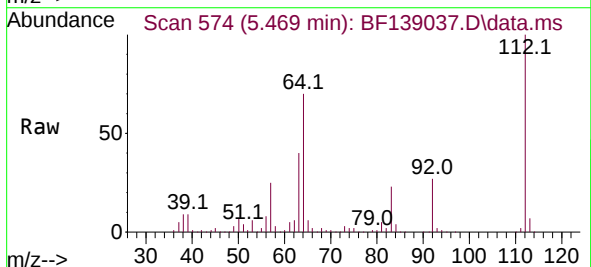
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924



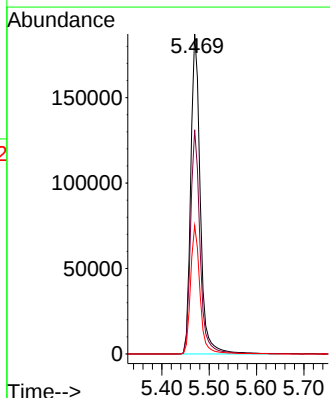
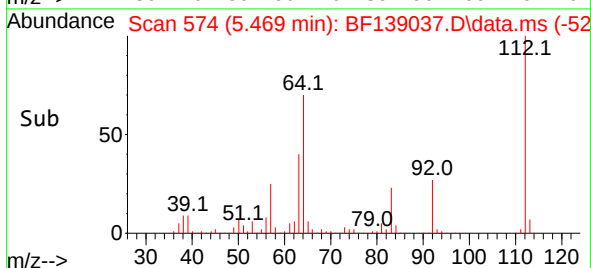
Tgt Ion:152 Resp: 42091
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 70.6 51.7 77.5



#5
2-Fluorophenol
Concen: 95.622 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47



Tgt Ion:112 Resp: 260734
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 40.1 28.7 43.1





#7

Phenol-d6

Concen: 94.784 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924

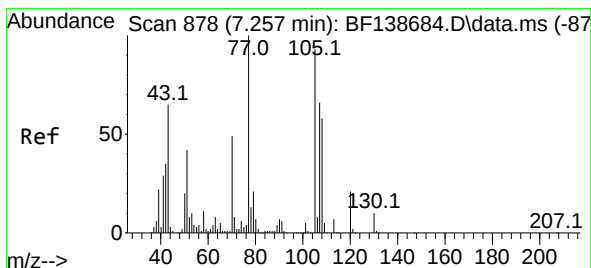
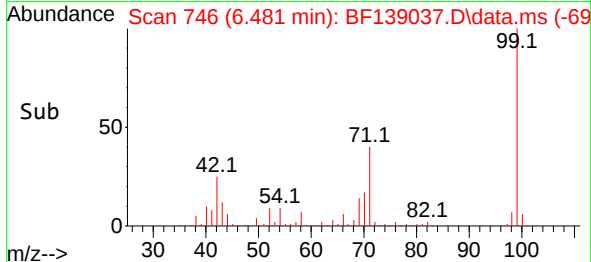
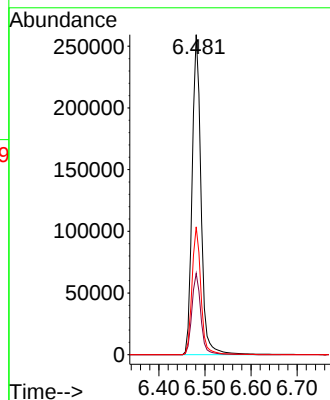
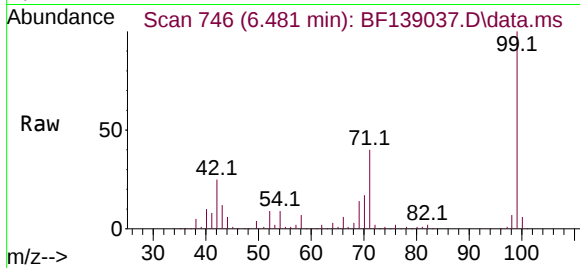
Tgt Ion: 99 Resp: 346994

Ion Ratio Lower Upper

99 100

42 25.4 17.4 26.0

71 39.9 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.763 ng

RT: 7.398 min Scan# 902

Delta R.T. 0.141 min

Lab File: BF139037.D

Acq: 15 Aug 2024 22:47

Tgt Ion: 70 Resp: 30432

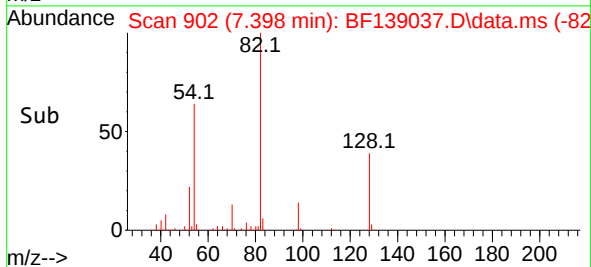
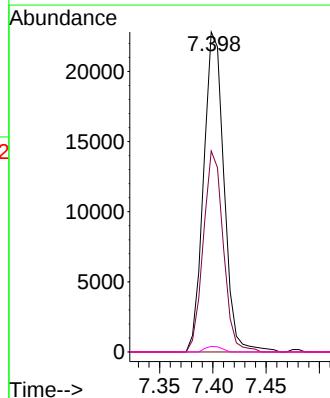
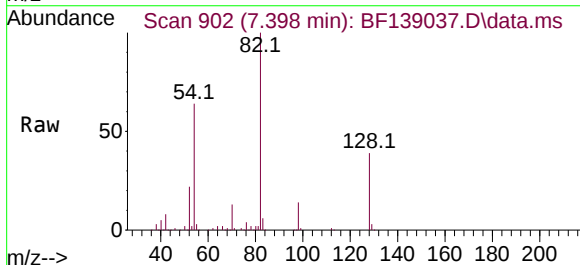
Ion Ratio Lower Upper

70 100

42 62.8 57.4 86.0

101 0.0 7.5 11.3#

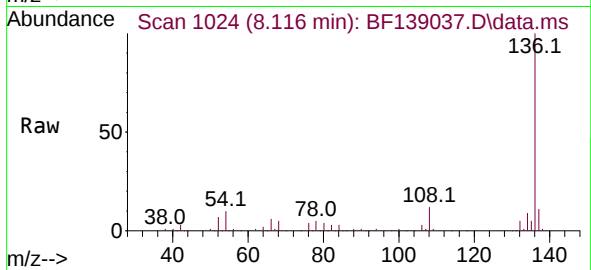
130 1.8 16.4 24.6#



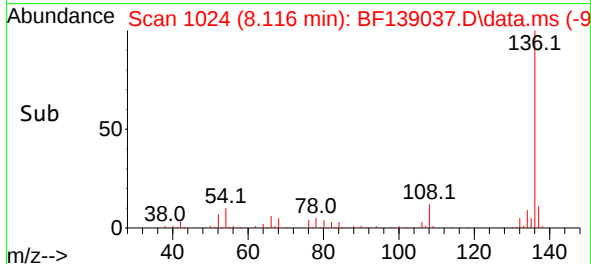
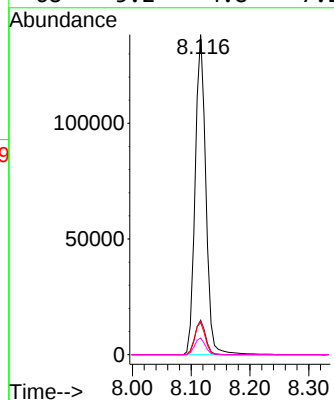


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Instrument :
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ClientSampleId :
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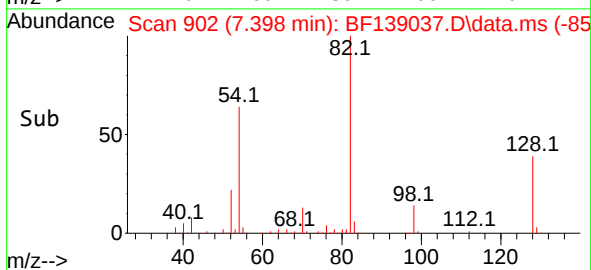
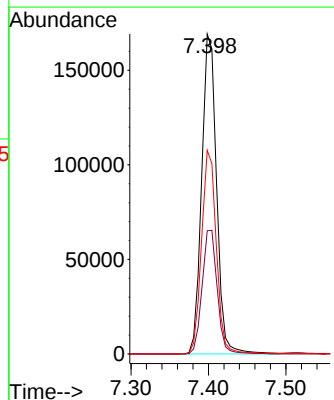
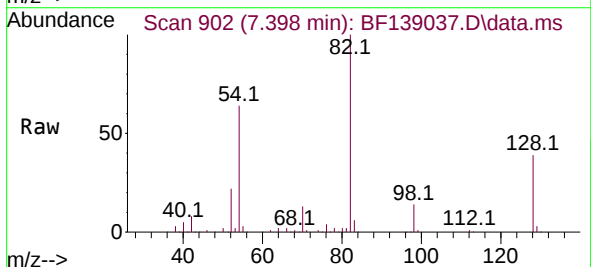


Tgt Ion:	136	Resp:	174325
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.0	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 63.421 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion:	82	Resp:	226132
Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.8	49.2
54	63.7	48.3	72.5

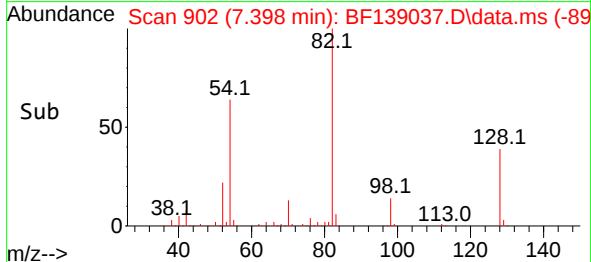
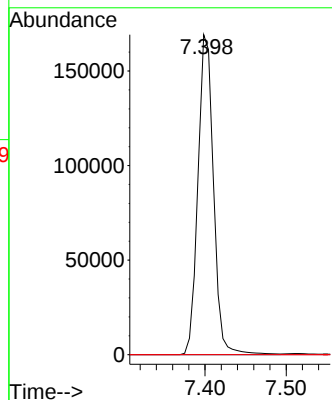
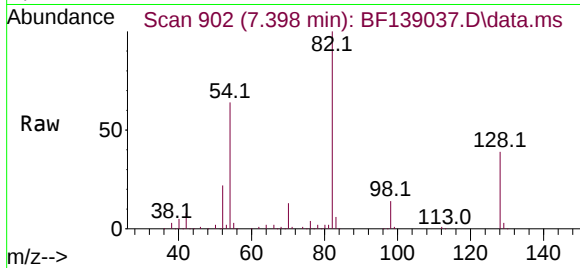




#25
Isophorone
Concen: 37.146 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

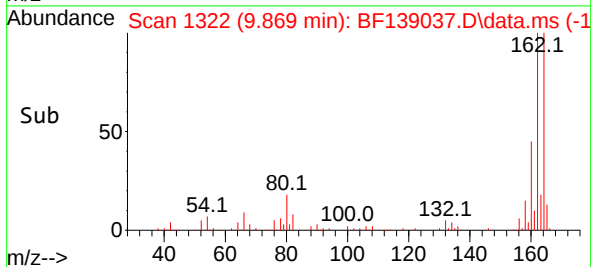
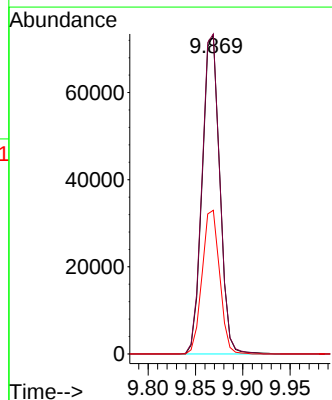
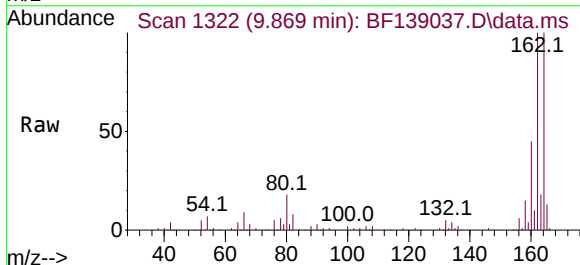
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924

Tgt Ion: 82 Resp: 226160
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

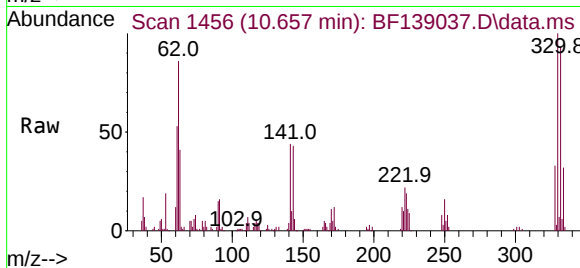
Tgt Ion:164 Resp: 94463
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 45.0 35.1 52.7



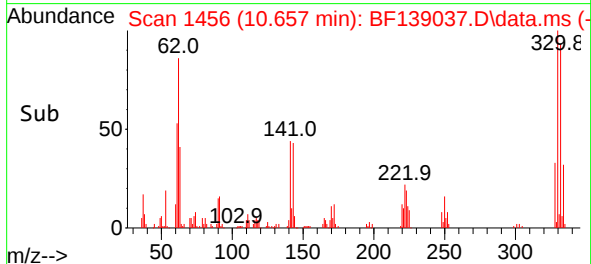
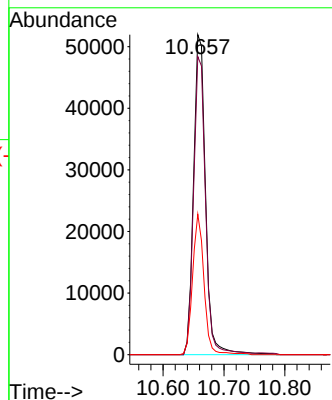


#42
2,4,6-Tribromophenol
Concen: 91.783 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924

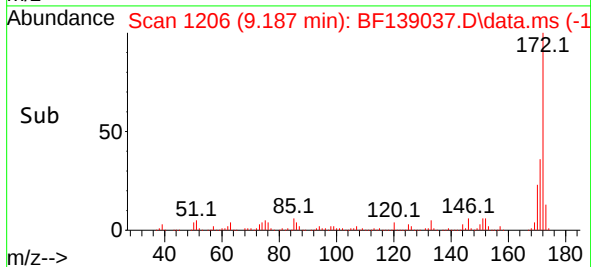
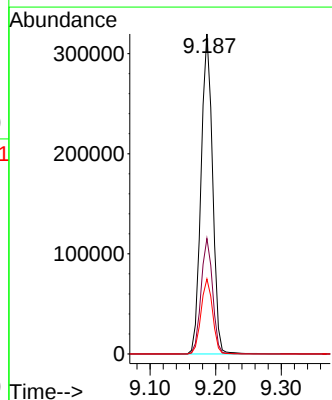
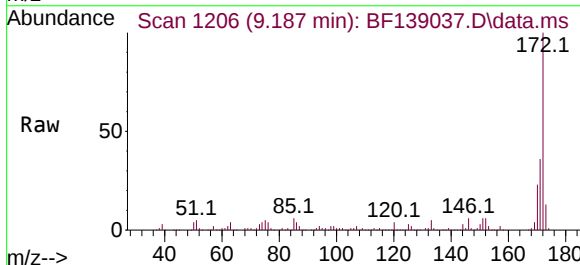


Tgt Ion:330 Resp: 71020
Ion Ratio Lower Upper
330 100
332 92.9 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 62.327 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion:172 Resp: 391856
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.5 18.8 28.2

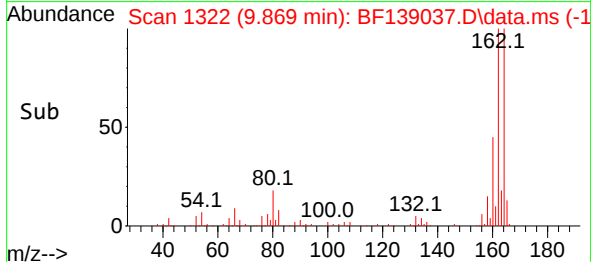
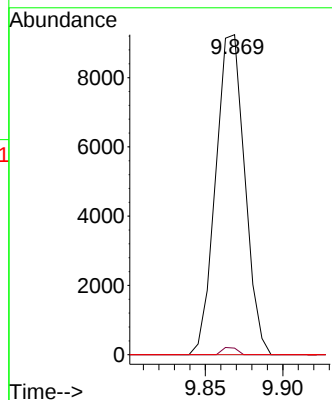
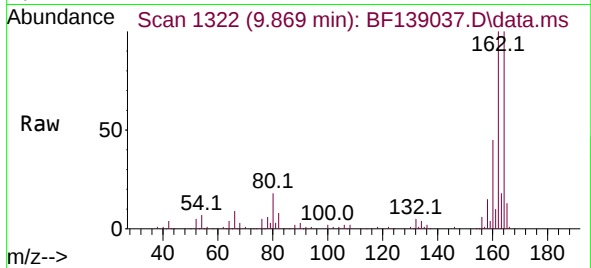




#51
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

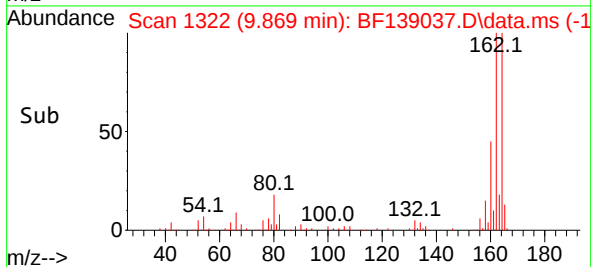
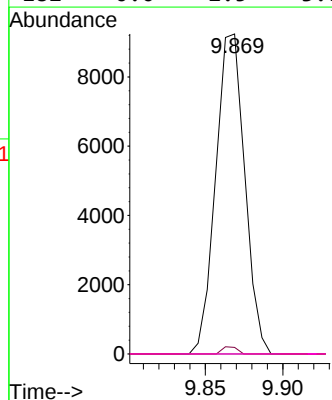
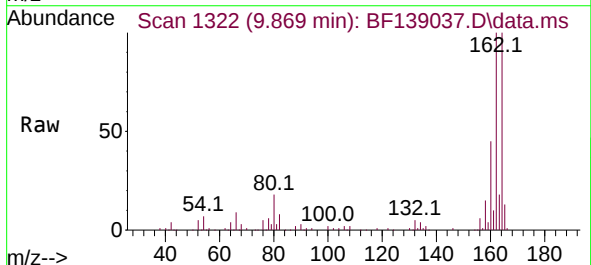
Instrument :
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Tgt Ion:165 Resp: 12058
Ion Ratio Lower Upper
165 100
63 2.1 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.933 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion:165 Resp: 12058
Ion Ratio Lower Upper
165 100
63 2.1 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

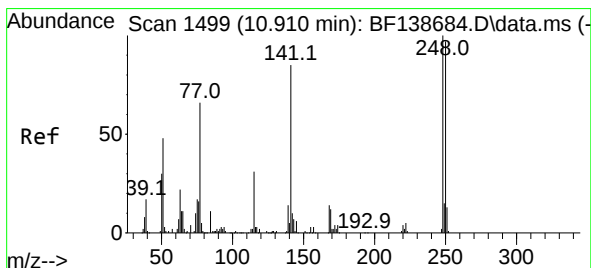
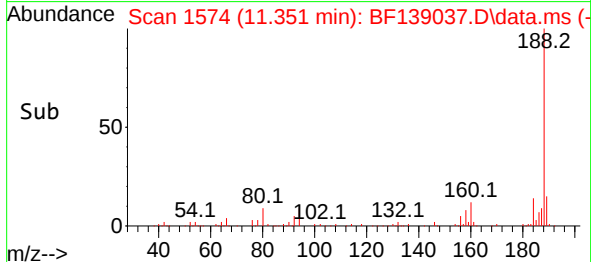
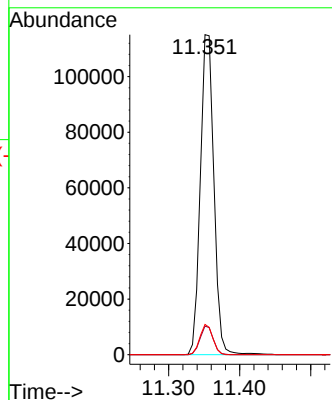
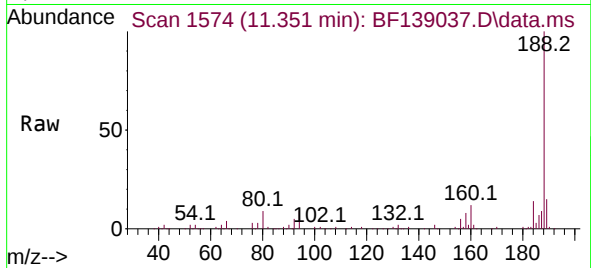




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

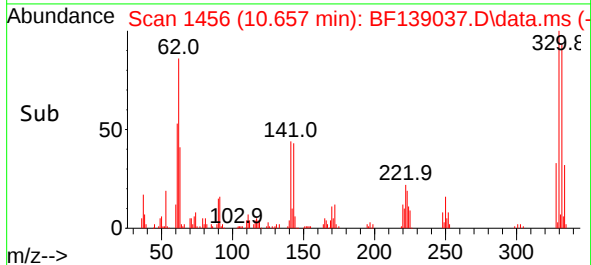
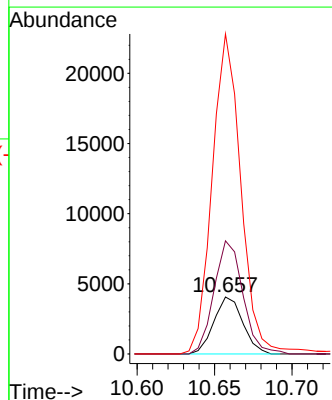
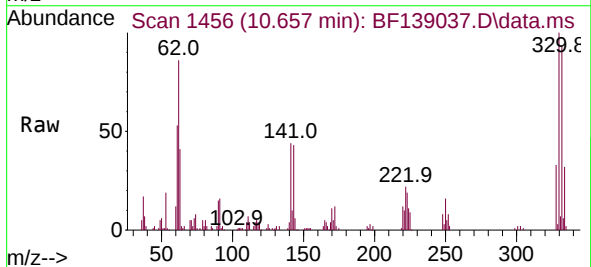
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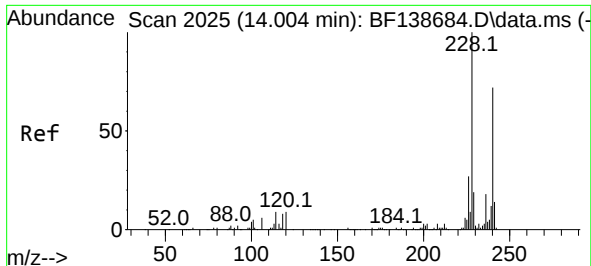
Tgt Ion:188 Resp: 153392
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 3.183 ng
RT: 10.657 min Scan# 1456
Delta R.T. -0.253 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

Tgt Ion:248 Resp: 5286
Ion Ratio Lower Upper
248 100
250 198.2 77.7 116.5#
141 561.1 68.0 102.0#

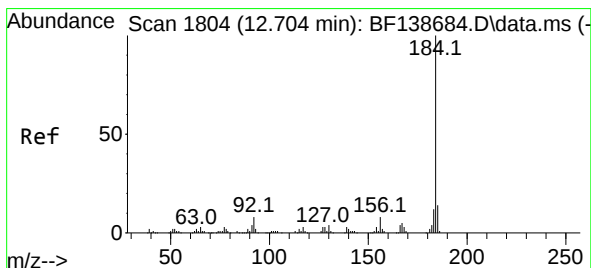
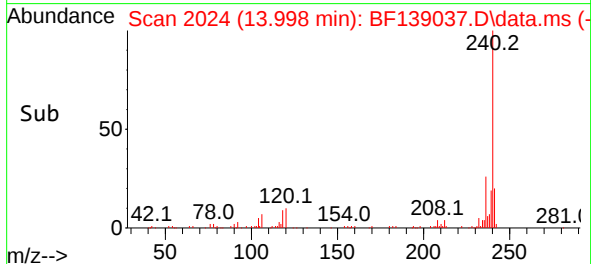
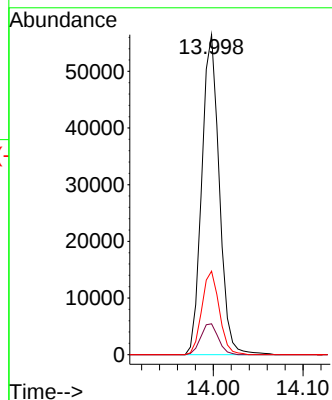
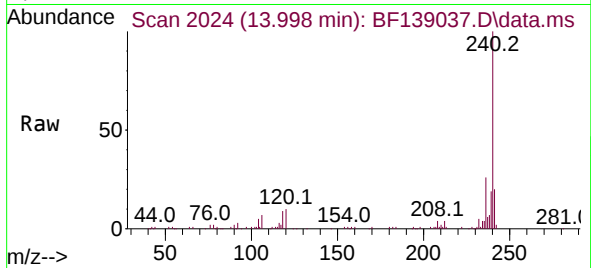




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

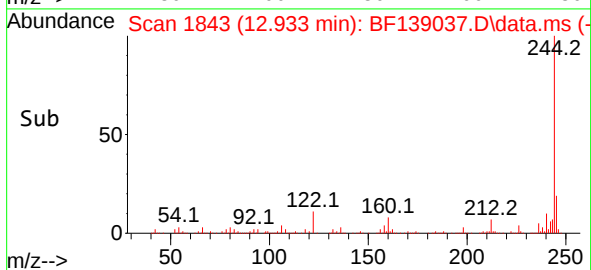
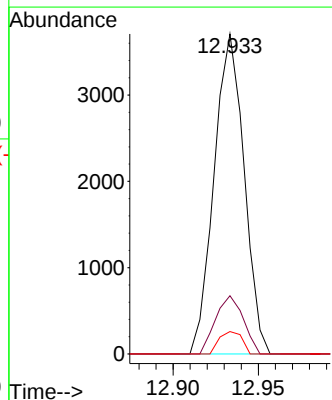
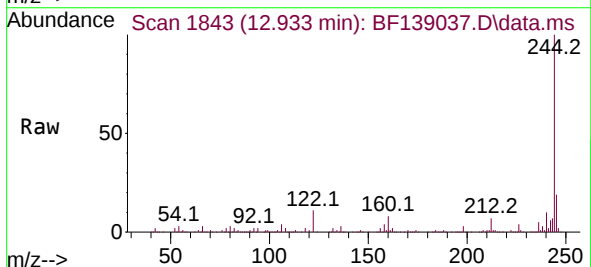
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924

Tgt Ion:240 Resp: 76328
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 26.1 19.8 29.8



#77
Benzidine
Concen: 2.488 ng
RT: 12.933 min Scan# 1843
Delta R.T. 0.229 min
Lab File: BF139037.D
Acq: 15 Aug 2024 22:47

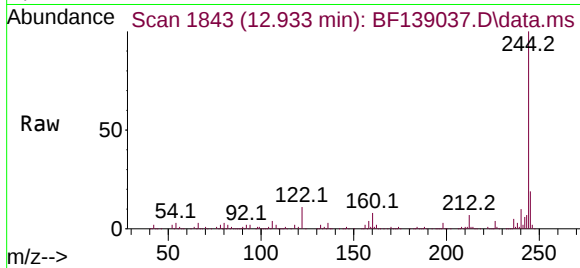
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Ion Ratio Lower Upper
184 100
185 18.2 11.1 16.7#
183 7.0 9.6 14.4#



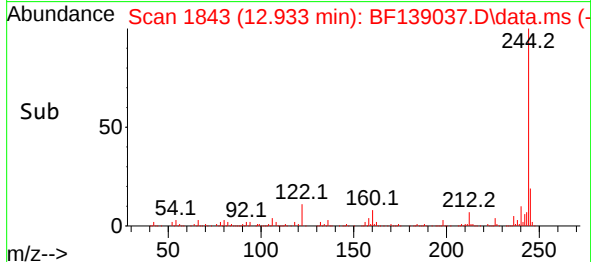
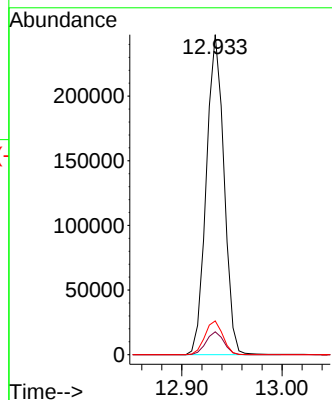


#79
 Terphenyl-d14
 Concen: 66.627 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139037.D
 Acq: 15 Aug 2024 22:47

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924



Tgt Ion:244 Resp: 303747
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139037.D
 Acq: 15 Aug 2024 22:47

Tgt Ion:264 Resp: 79127
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 21.2 17.0 25.6

