

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138513.D
 Acq On : 10 Jul 2024 21:20
 Operator : CG\JU
 Sample : P3180-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAPBANK-2

Quant Time: Jul 11 00:53:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

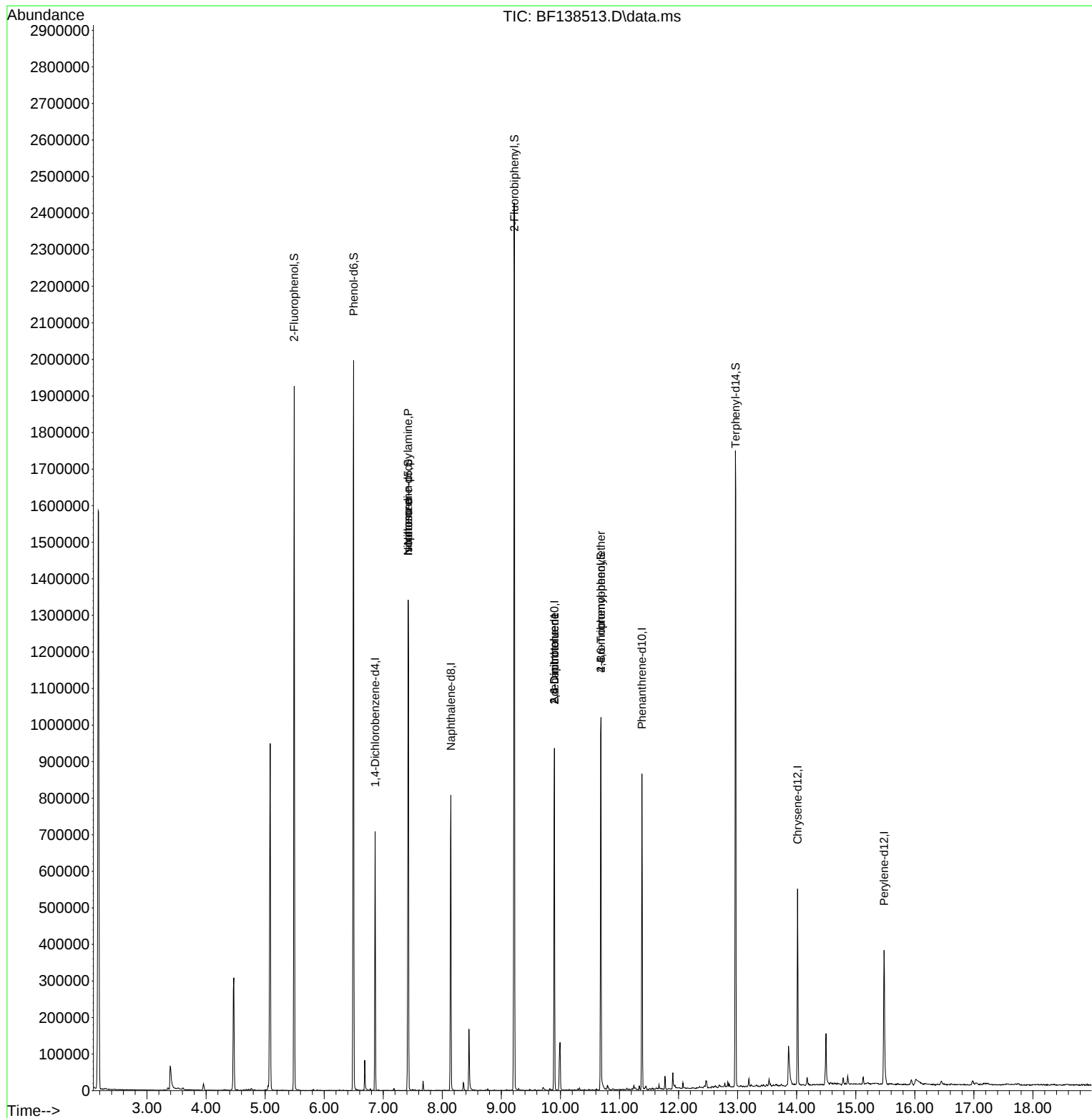
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85113	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	346498	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	184867	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	287510	20.000	ng	0.00
76) Chrysene-d12	14.015	240	163861	20.000	ng	-0.01
86) Perylene-d12	15.480	264	169699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	413327	76.911	ng	0.00
7) Phenol-d6	6.498	99	592251	82.842	ng	0.00
23) Nitrobenzene-d5	7.422	82	425428	60.282	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	113021	65.415	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	750537	63.452	ng	0.00
79) Terphenyl-d14	12.968	244	594618	59.117	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.422	70	57990	13.127	ng	# 75
25) Isophorone	7.422	82	425420	35.102	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	24496	8.900	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	24496	6.879	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	7757	2.625	ng	# 1

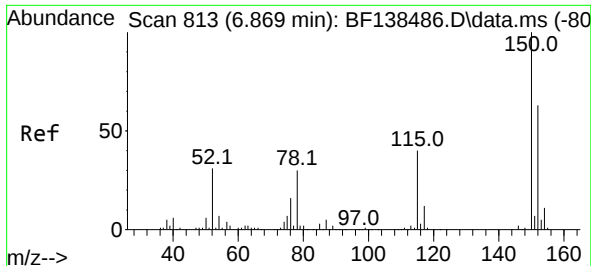
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
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QLast Update : Tue Jul 09 16:58:40 2024
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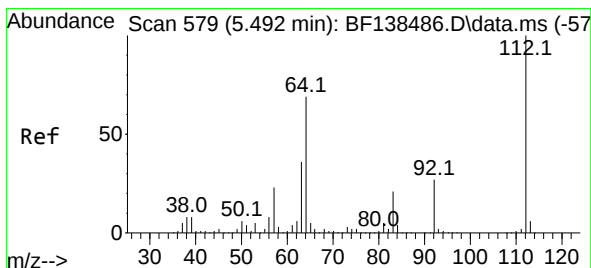
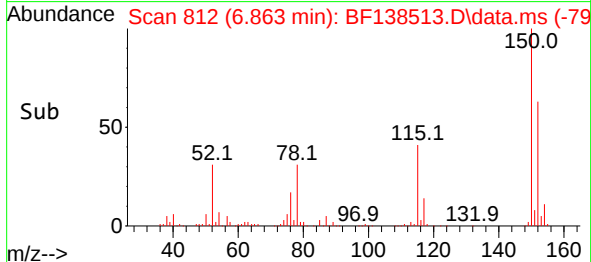
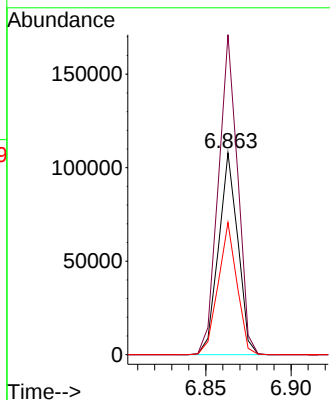
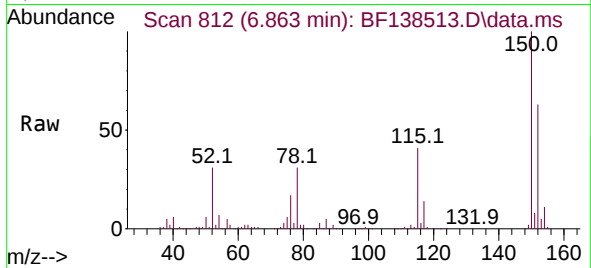




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

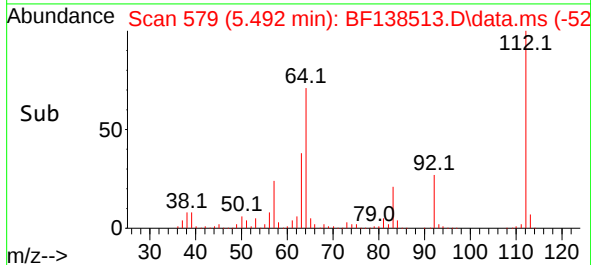
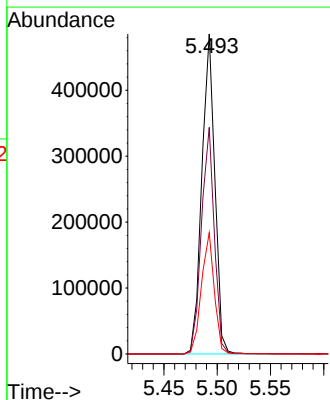
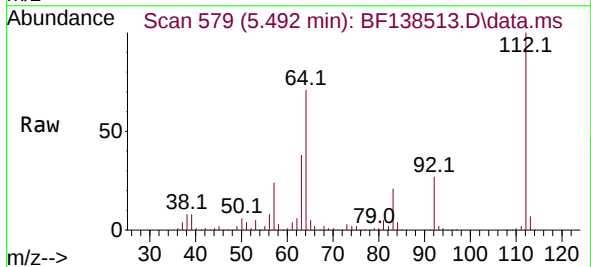
Instrument :
BNA_F
ClientSampleId :
CAPBANK-2

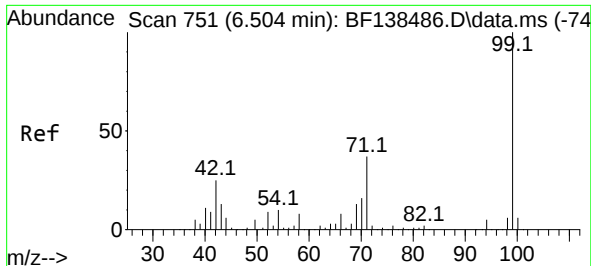
Tgt Ion:152 Resp: 85113
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 65.5 50.3 75.5



#5
2-Fluorophenol
Concen: 76.911 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Tgt Ion:112 Resp: 413327
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 37.9 29.0 43.6

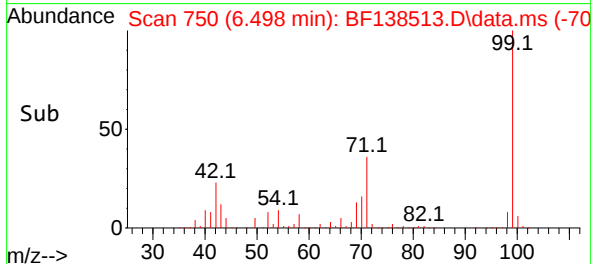
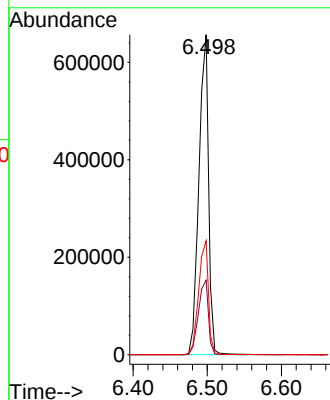
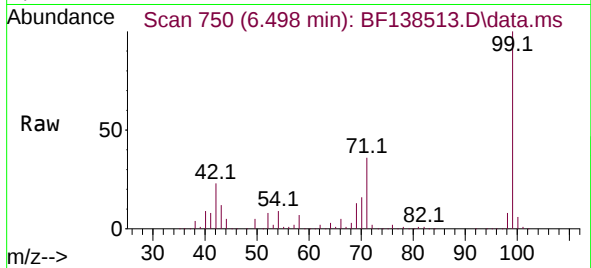




#7
Phenol-d6
Concen: 82.842 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

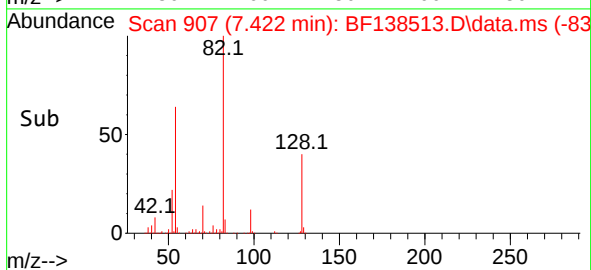
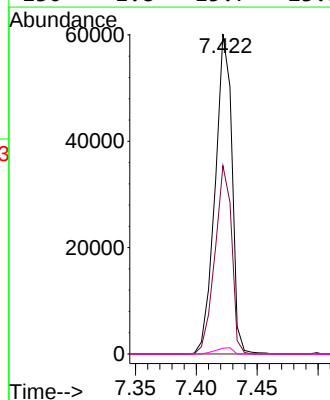
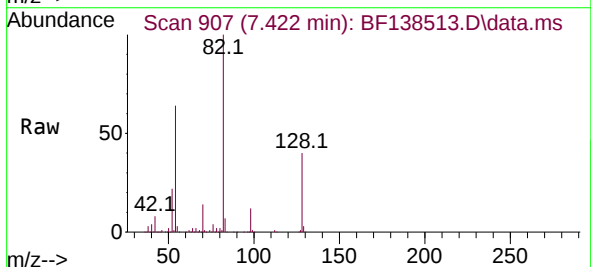
Instrument :
BNA_F
ClientSampleId :
CAPBANK-2

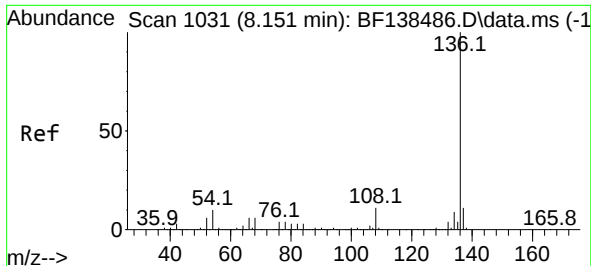
Tgt Ion: 99 Resp: 592251
Ion Ratio Lower Upper
99 100
42 23.3 19.7 29.5
71 35.6 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.127 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Tgt Ion: 70 Resp: 57990
Ion Ratio Lower Upper
70 100
42 58.9 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 15.7 23.5#

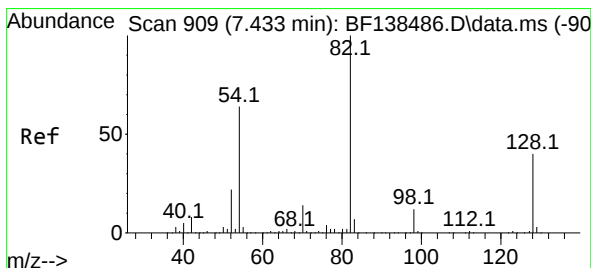
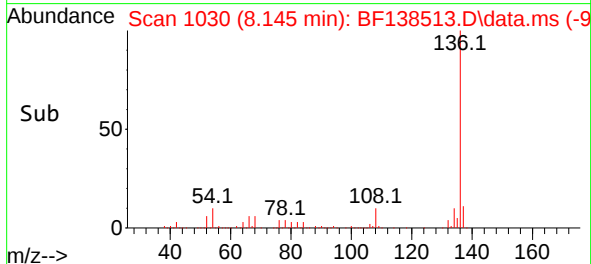
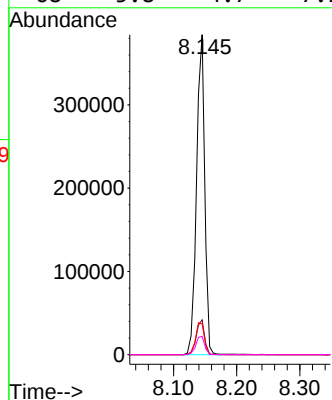
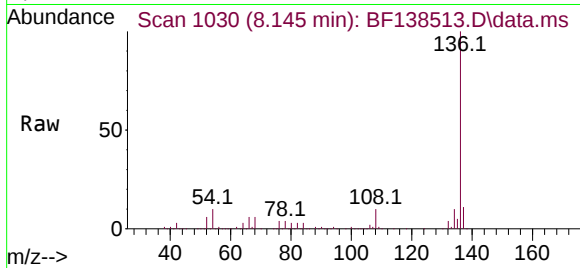




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

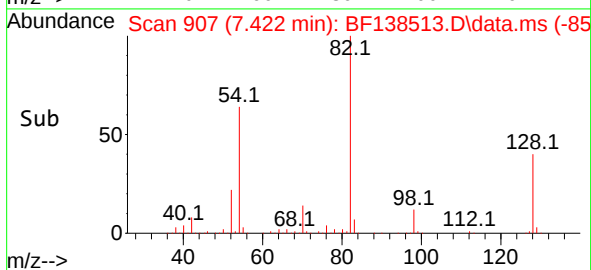
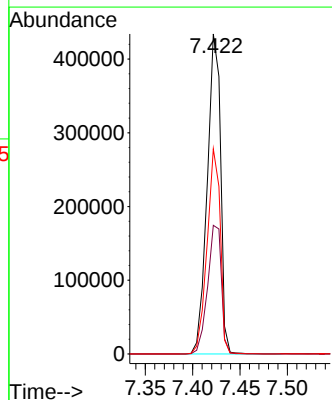
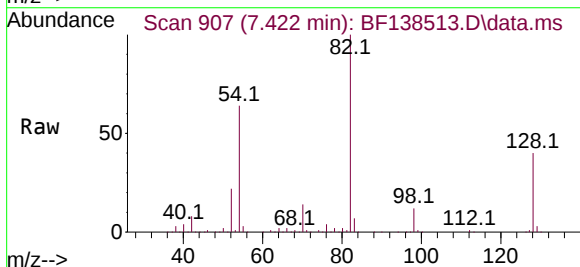
Instrument :
BNA_F
ClientSampleId :
CAPBANK-2

Tgt Ion:	136	Resp:	346498
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.6	8.1	12.1
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 60.282 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Tgt Ion:	82	Resp:	425428
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.3	48.5
54	64.1	51.4	77.0

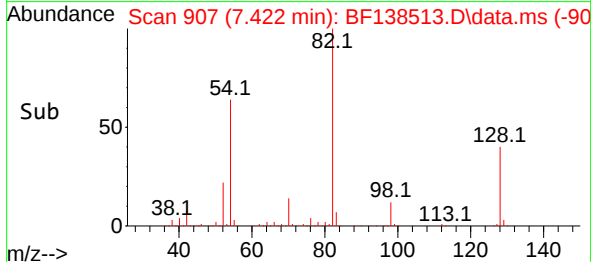
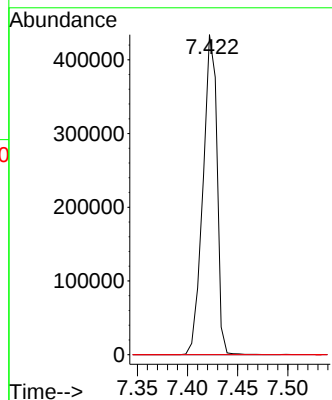
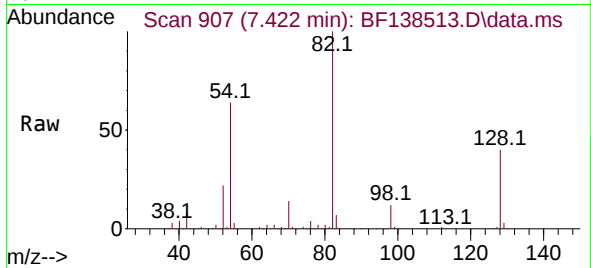




#25
Isophorone
Concen: 35.102 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

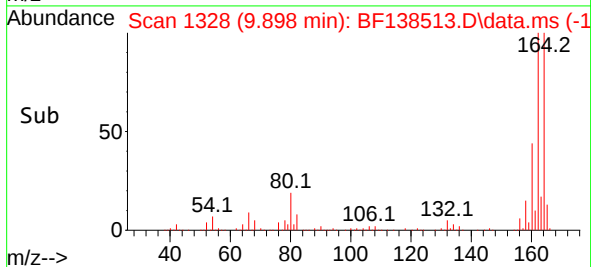
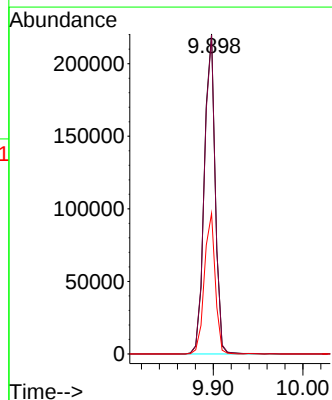
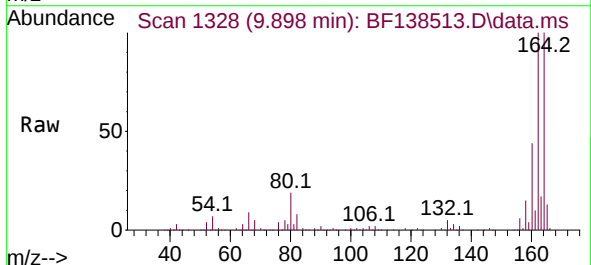
Instrument :
BNA_F
ClientSampleId :
CAPBANK-2

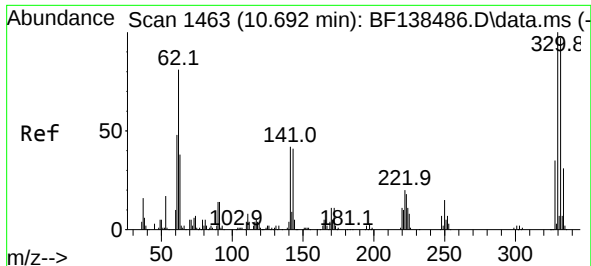
Tgt Ion: 82 Resp: 425420
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Tgt Ion:164 Resp: 184867
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 65.415 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138513.D

Acq: 10 Jul 2024 21:20

Instrument :

BNA_F

ClientSampleId :

CAPBANK-2

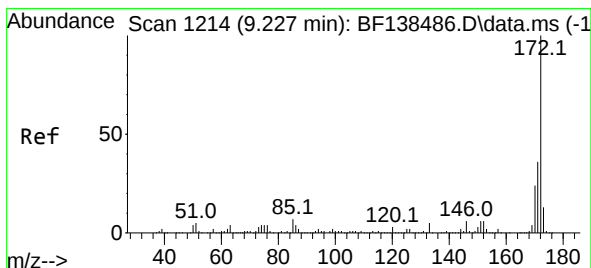
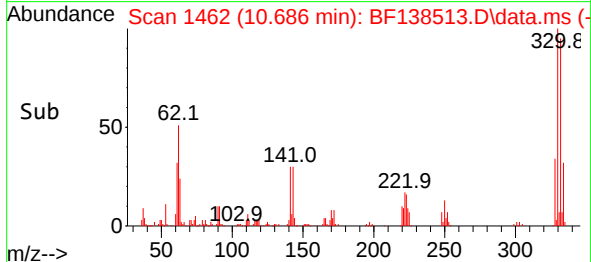
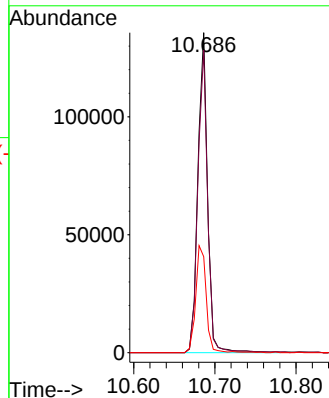
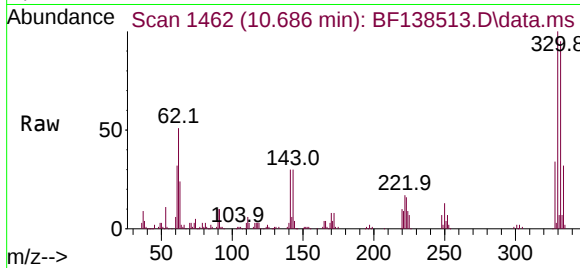
Tgt Ion:330 Resp: 113021

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

141 36.4 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 63.452 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138513.D

Acq: 10 Jul 2024 21:20

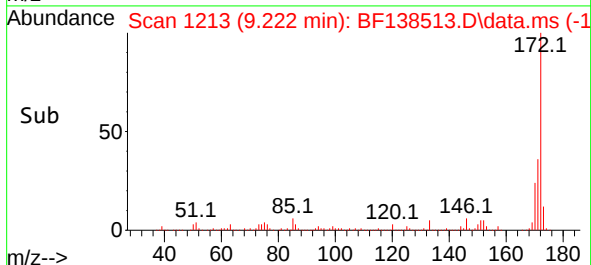
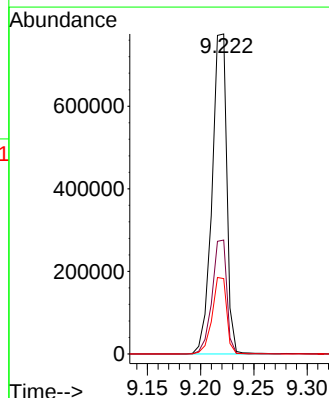
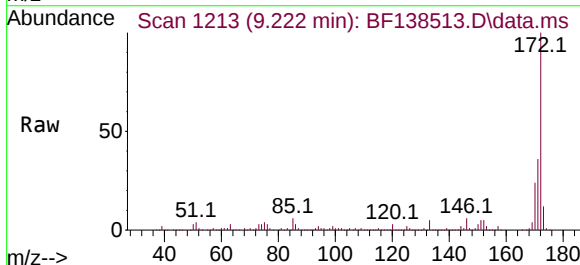
Tgt Ion:172 Resp: 750537

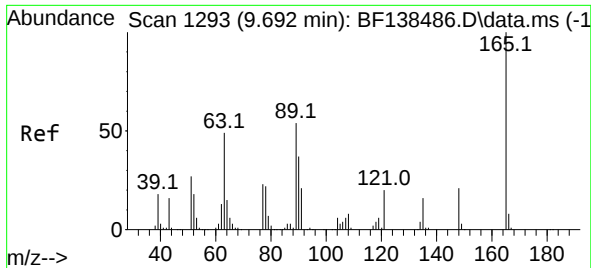
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.6 18.9 28.3

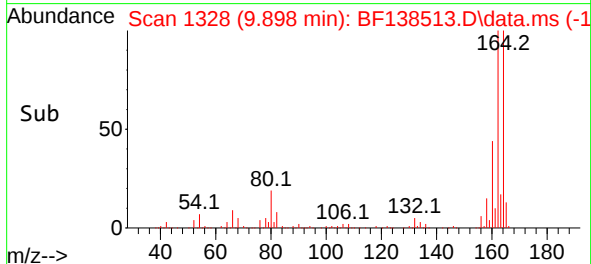
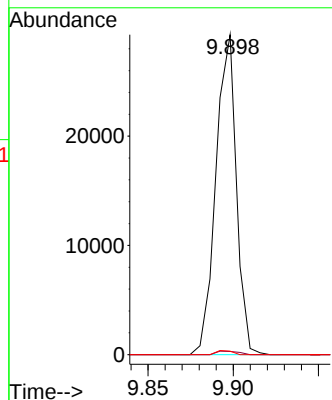
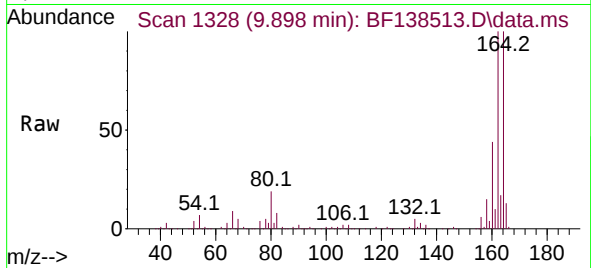




#51
2,6-Dinitrotoluene
Concen: 8.900 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

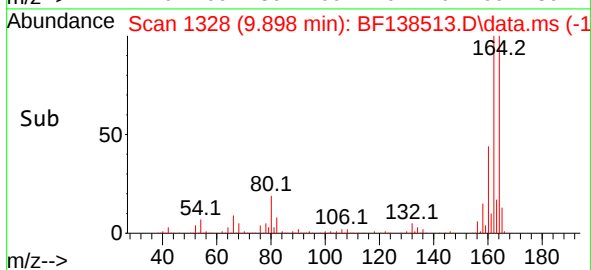
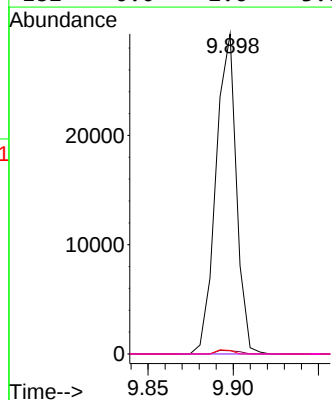
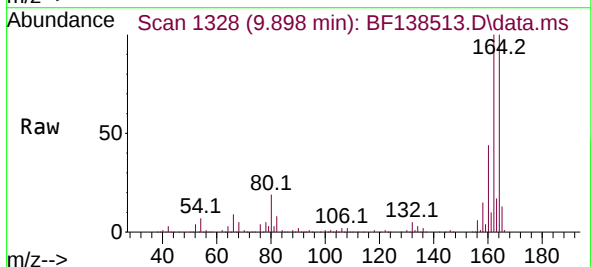
Instrument :
BNA_F
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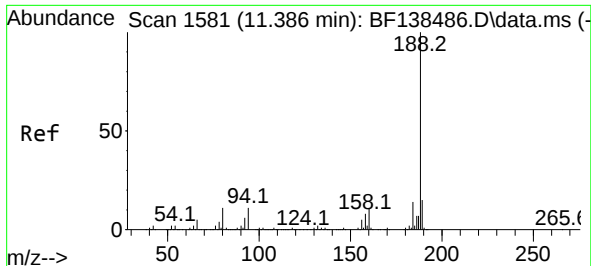
Tgt Ion:165 Resp: 24496
Ion Ratio Lower Upper
165 100
63 1.0 48.1 72.1#
89 1.1 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.879 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Tgt Ion:165 Resp: 24496
Ion Ratio Lower Upper
165 100
63 1.0 44.6 66.8#
89 1.1 63.4 95.2#
182 0.0 2.6 3.8#

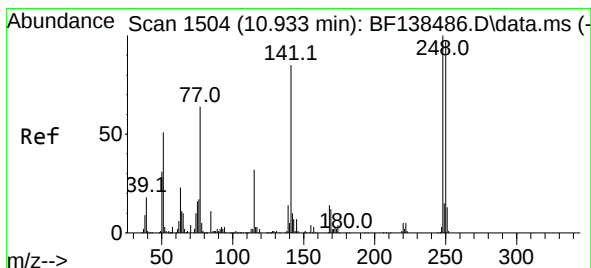
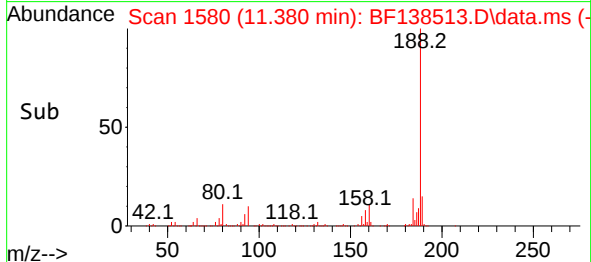
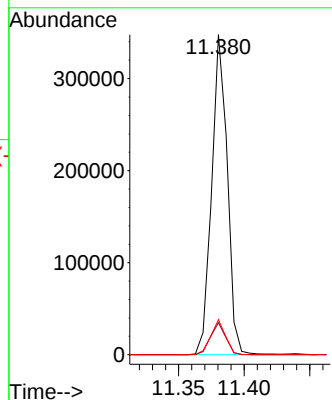
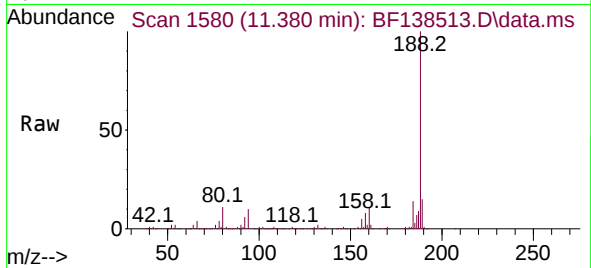




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

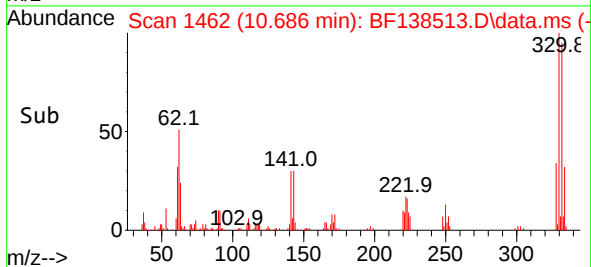
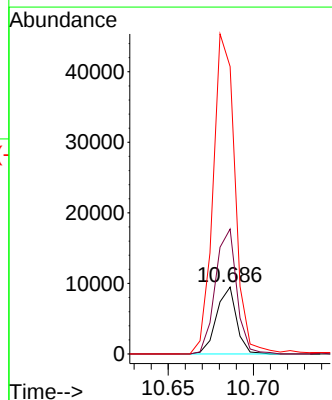
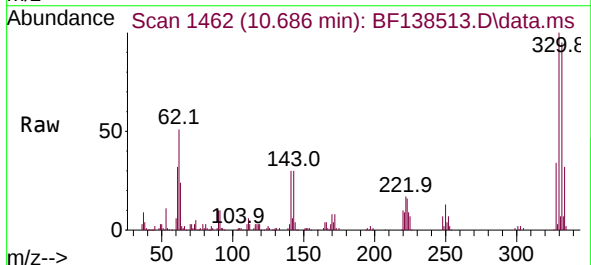
Instrument :
BNA_F
ClientSampleId :
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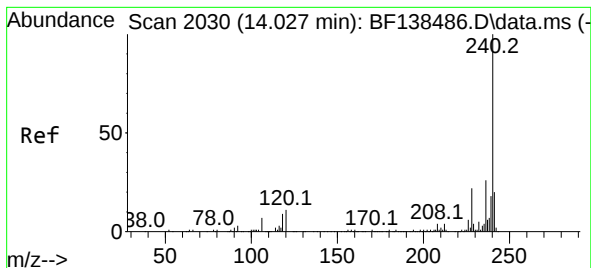
Tgt Ion:188 Resp: 287510
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 10.9 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 2.625 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Tgt Ion:248 Resp: 7757
Ion Ratio Lower Upper
248 100
250 187.1 77.9 116.9#
141 429.9 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138513.D

Acq: 10 Jul 2024 21:20

Instrument :

BNA_F

ClientSampleId :

CAPBANK-2

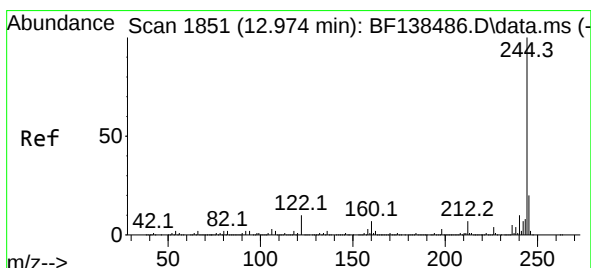
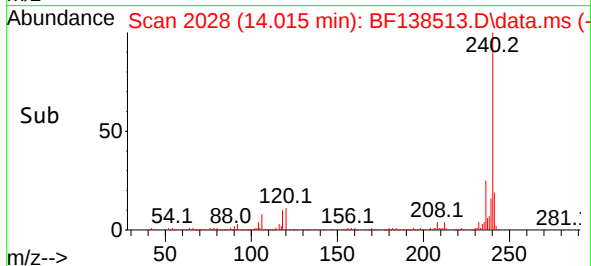
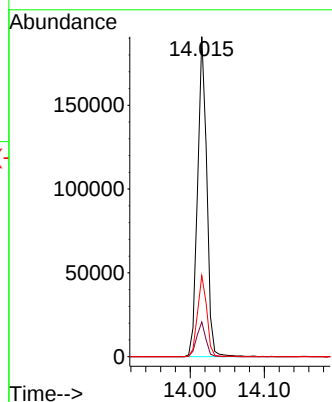
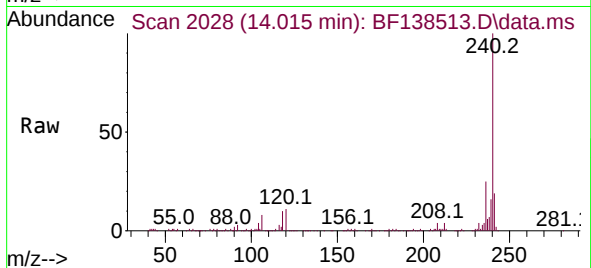
Tgt Ion:240 Resp: 163861

Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

236 25.4 21.0 31.6



#79

Terphenyl-d14

Concen: 59.117 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138513.D

Acq: 10 Jul 2024 21:20

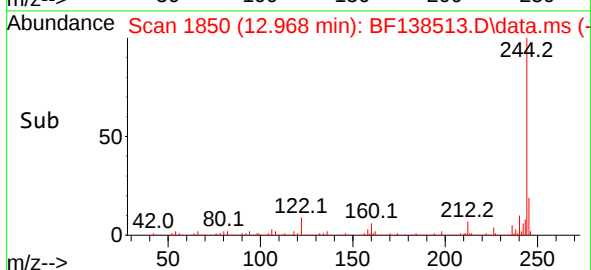
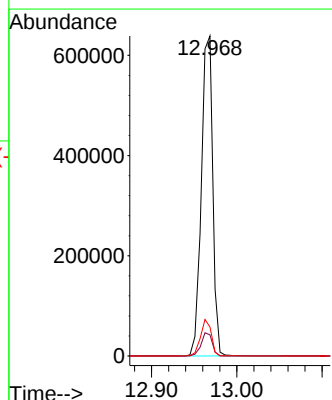
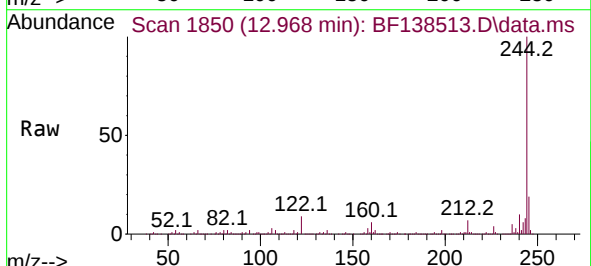
Tgt Ion:244 Resp: 594618

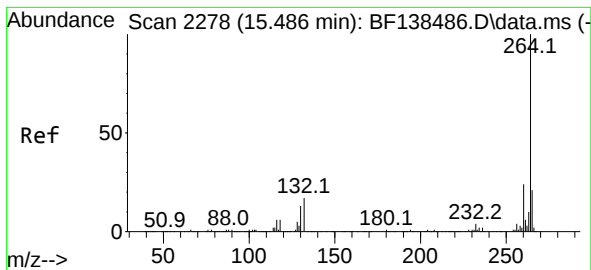
Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 9.0 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138513.D
Acq: 10 Jul 2024 21:20

Instrument :
BNA_F
ClientSampleId :
CAPBANK-2

Tgt Ion:264 Resp: 169699
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.6 17.0 25.4

