

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127853.D
 Acq On : 19 Apr 2022 21:06
 Operator : CG\JU
 Sample : N2452-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-2

Quant Time: Apr 20 03:55:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

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

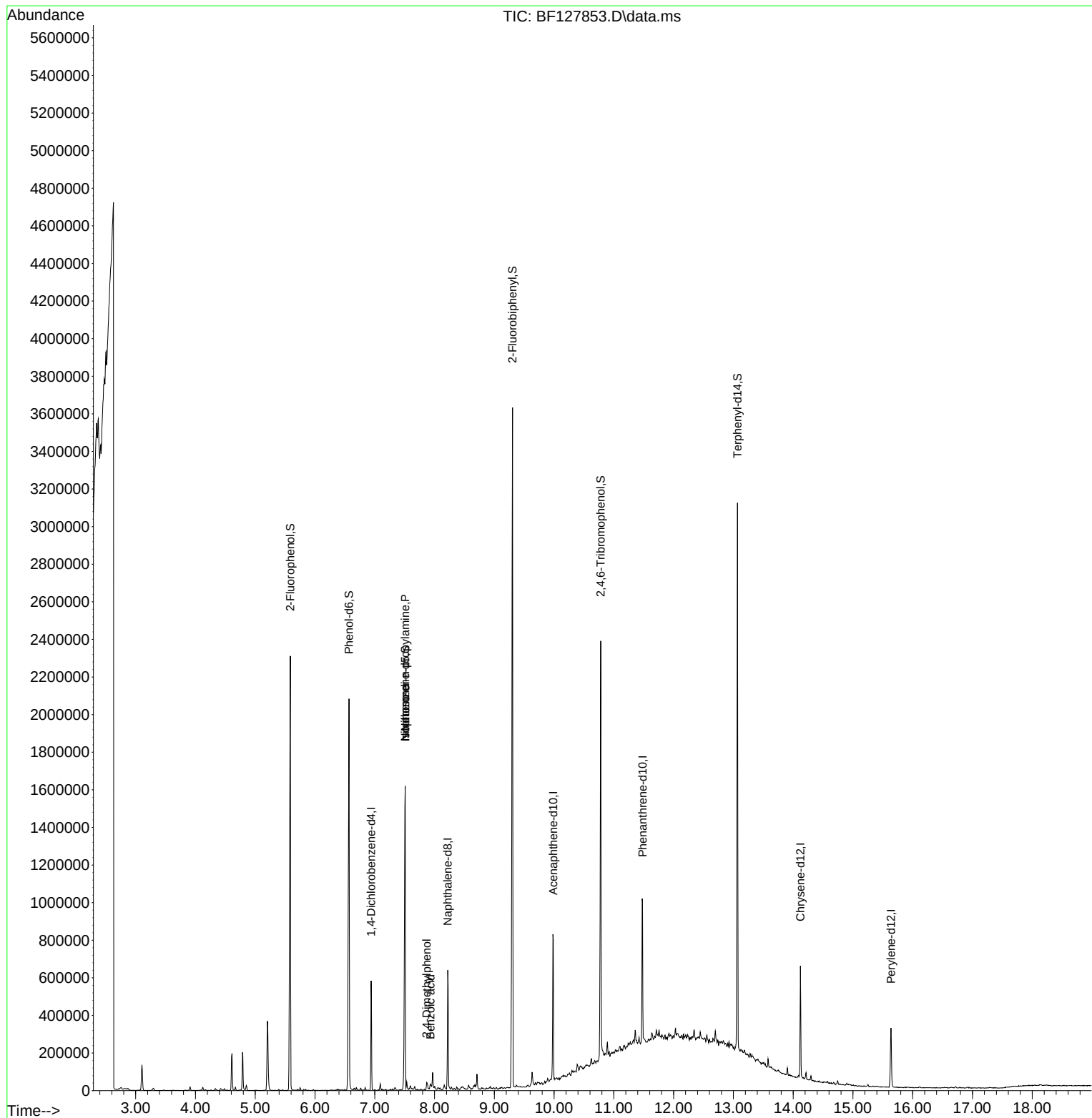
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	75655	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	275160	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	160000	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	283861	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	190552	20.000	ng	-0.01
86) Perylene-d12	15.639	264	160724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	576058	119.287	ng	0.02
7) Phenol-d6	6.569	99	675286	111.977	ng	0.00
23) Nitrobenzene-d5	7.510	82	617294	104.043	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	269436	138.237	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1131061	92.334	ng	0.00
79) Terphenyl-d14	13.069	244	944702	77.818	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	88433	21.364	ng	# 76
25) Isophorone	7.510	82	614919	61.598	ng	# 70
27) 2,4-Dimethylphenol	7.869	122	7853	2.061	ng	83
32) Benzoic acid	7.934	122	7876	2.889	ng	90

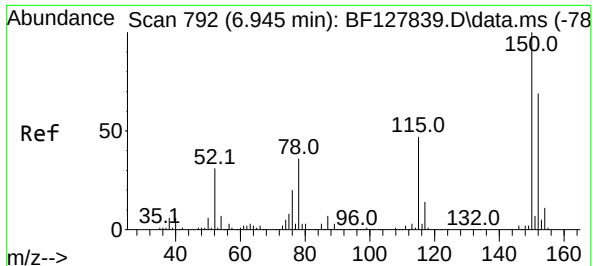
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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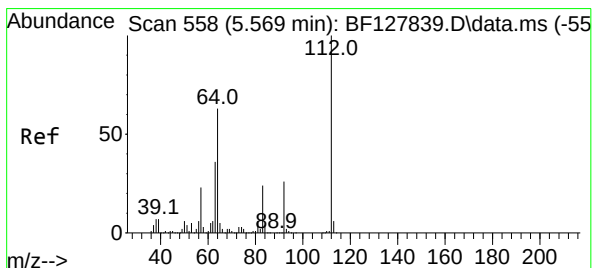
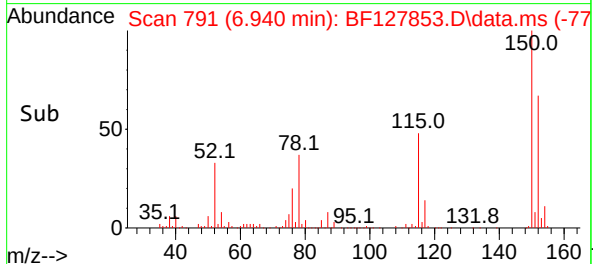
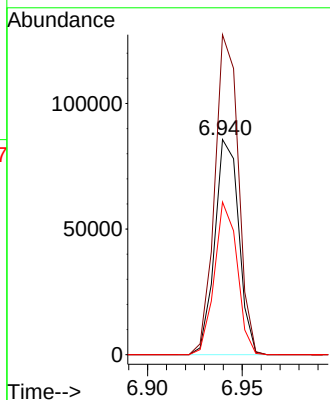
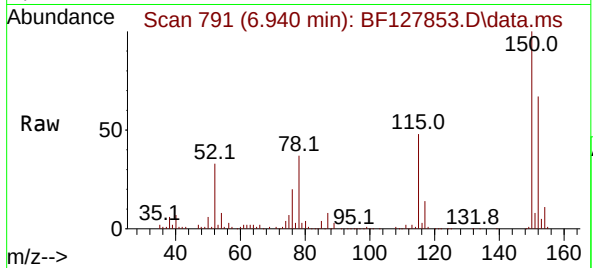




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.940 min Scan# 792
 Delta R.T. -0.005 min
 Lab File: BF127853.D
 Acq: 19 Apr 2022 21:06

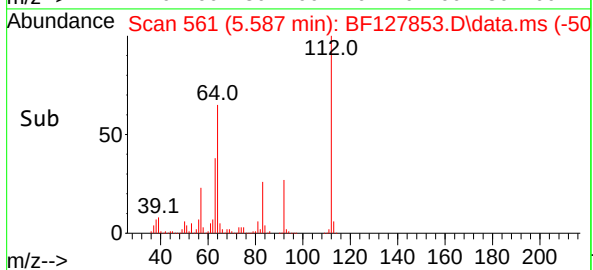
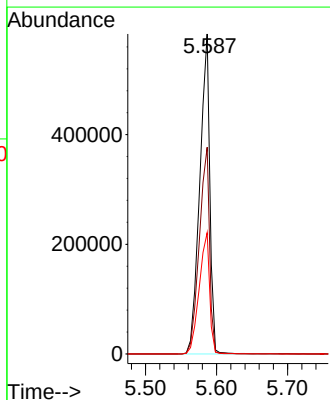
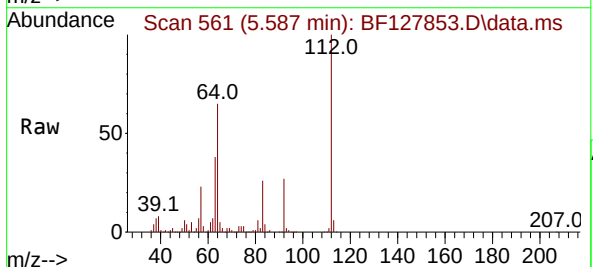
Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-2

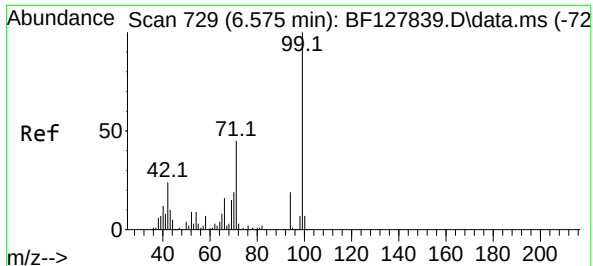
Tgt Ion:152 Resp: 75655
 Ion Ratio Lower Upper
 152 100
 150 148.7 117.2 175.8
 115 70.9 49.8 74.6



#5
 2-Fluorophenol
 Concen: 119.287 ng
 RT: 5.587 min Scan# 561
 Delta R.T. 0.018 min
 Lab File: BF127853.D
 Acq: 19 Apr 2022 21:06

Tgt Ion:112 Resp: 576058
 Ion Ratio Lower Upper
 112 100
 64 64.6 58.4 87.6
 63 37.9 30.1 45.1

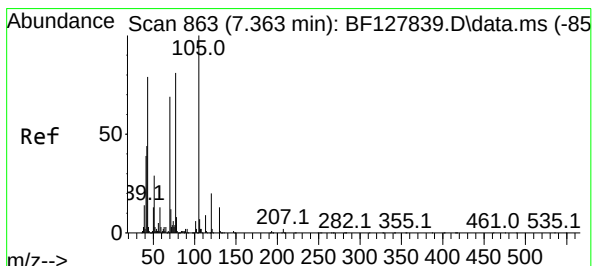
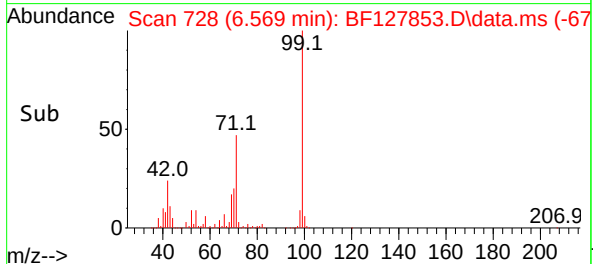
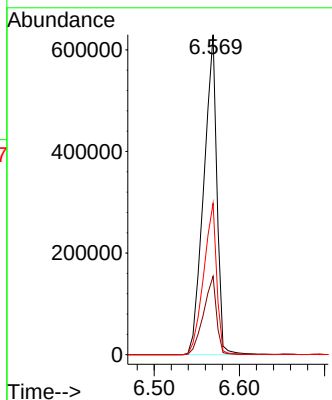
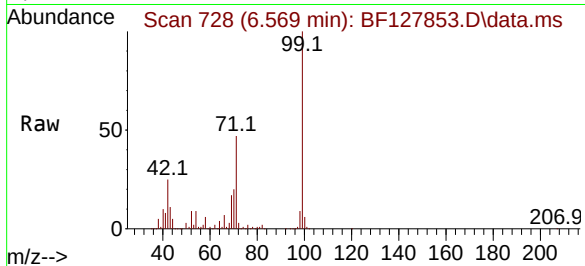




#7
Phenol-d6
Concen: 111.977 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

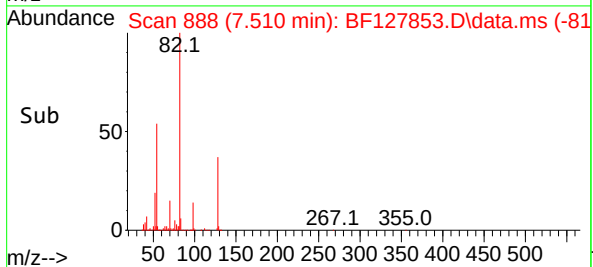
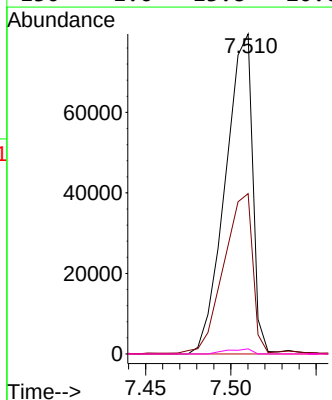
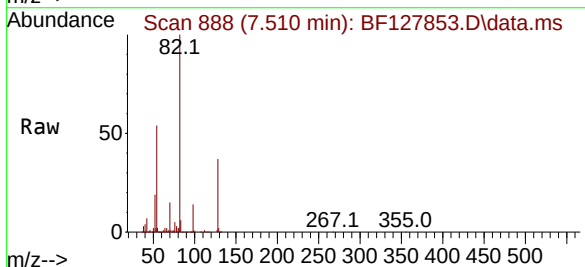
Instrument :
BNA_F
ClientSampleId :
WC-15-1-2

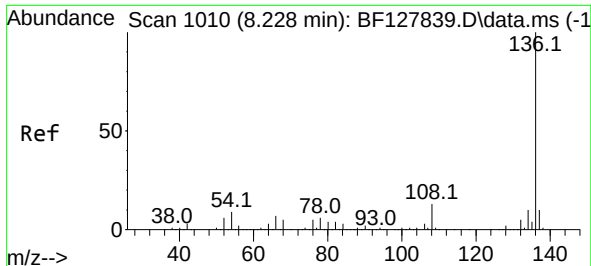
Tgt Ion: 99 Resp: 675286
Ion Ratio Lower Upper
99 100
42 24.5 17.8 26.6
71 47.3 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 21.364 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

Tgt Ion: 70 Resp: 88433
Ion Ratio Lower Upper
70 100
42 50.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#

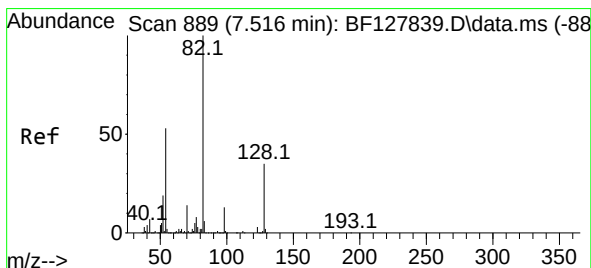
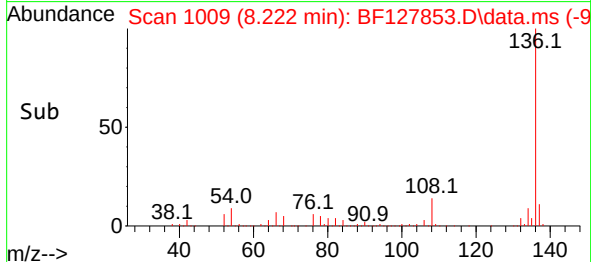
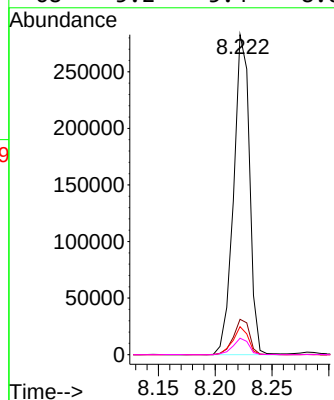
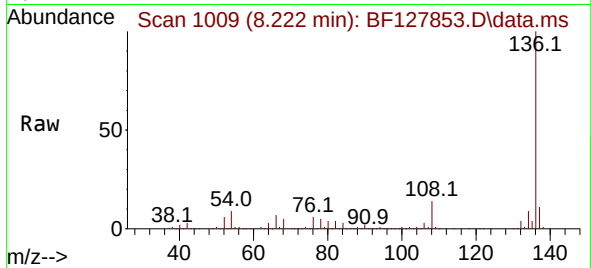




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

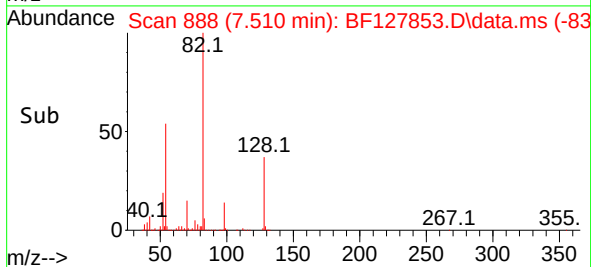
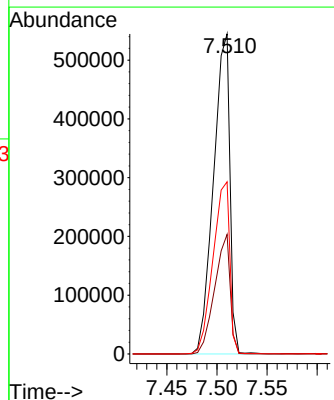
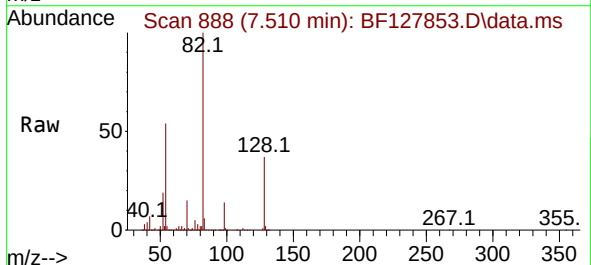
Instrument :
BNA_F
ClientSampleId :
WC-15-1-2

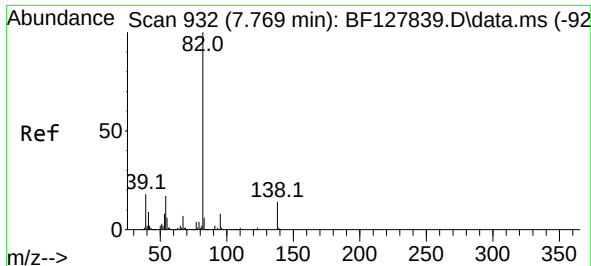
Tgt Ion:136	Resp:	275160	
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	9.2	13.8#
68	5.2	5.4	8.0#



#23
Nitrobenzene-d5
Concen: 104.043 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

Tgt Ion: 82	Resp: 617294
Ion Ratio	Lower Upper
82 100	
128 37.3	30.6 45.8
54 53.8	48.2 72.2

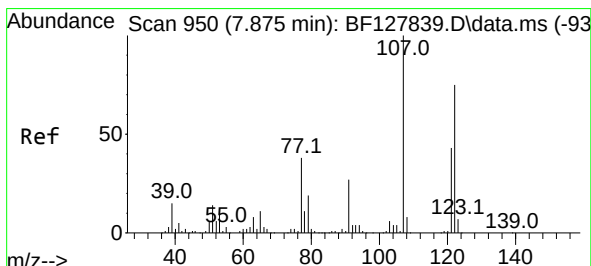
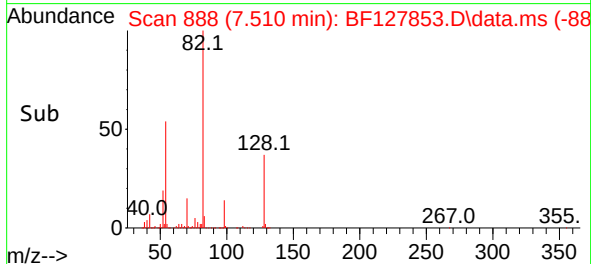
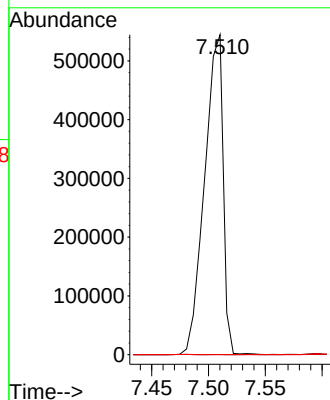
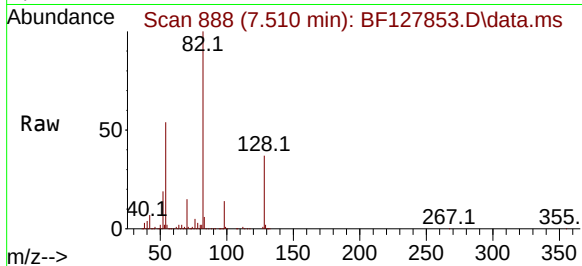




#25
Isophorone
Concen: 61.598 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

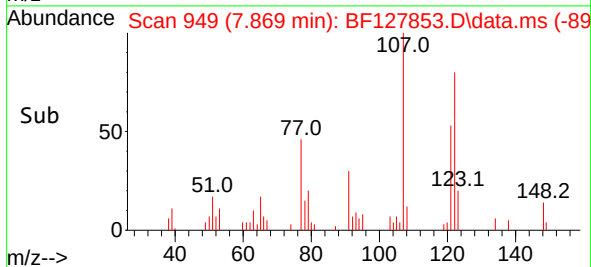
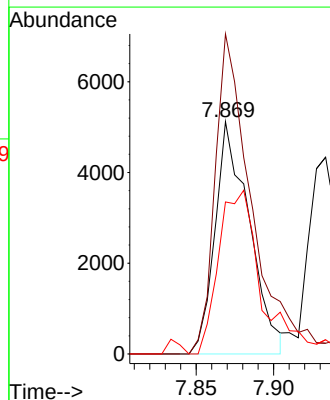
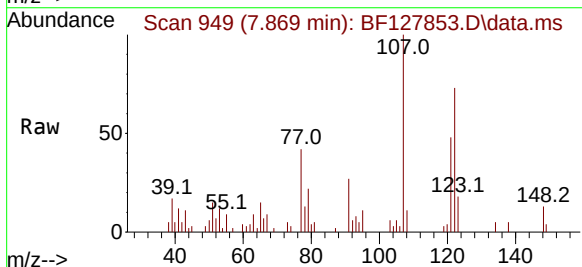
Instrument :
BNA_F
ClientSampleId :
WC-15-1-2

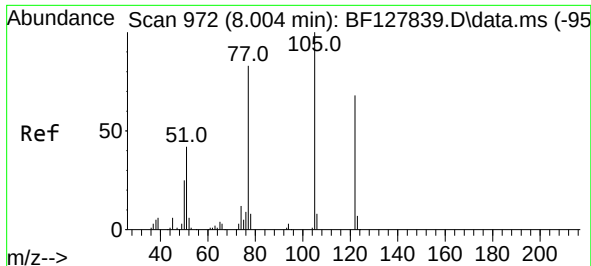
Tgt Ion: 82 Resp: 614919
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#27
2,4-Dimethylphenol
Concen: 2.061 ng
RT: 7.869 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

Tgt Ion: 122 Resp: 7853
Ion Ratio Lower Upper
122 100
107 137.7 93.0 139.4
121 65.5 44.9 67.3

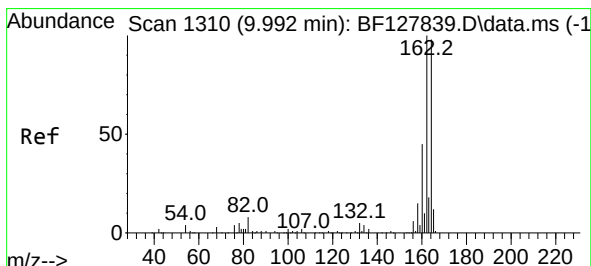
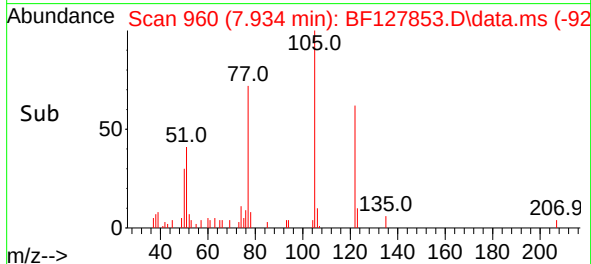
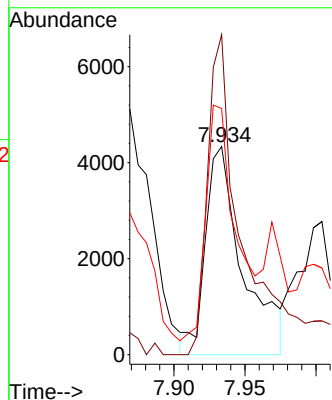
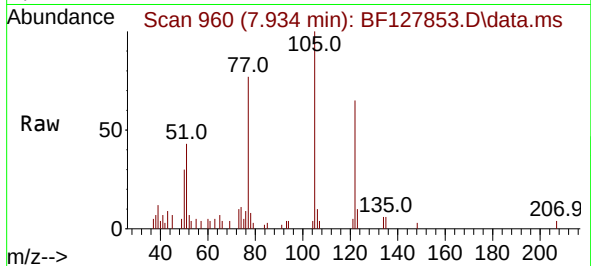




#32
Benzoic acid
Concen: 2.889 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.071 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

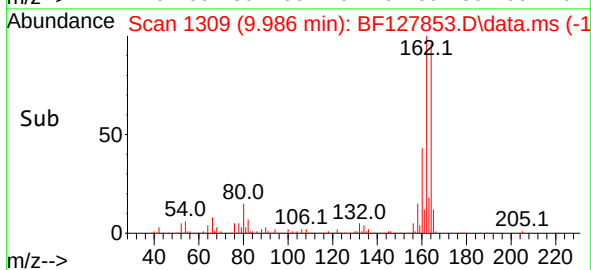
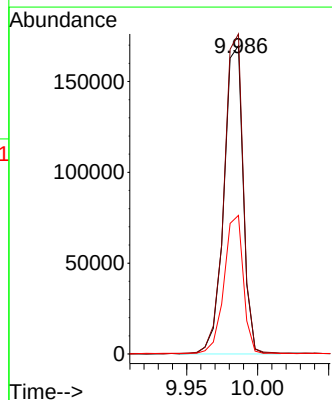
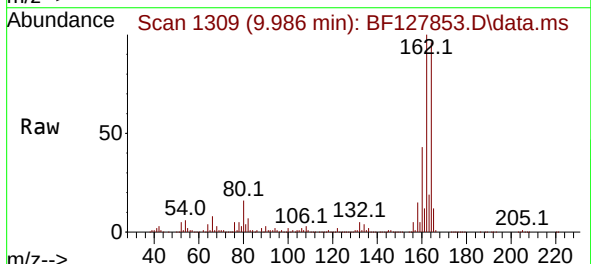
Instrument :
BNA_F
ClientSampleId :
WC-15-1-2

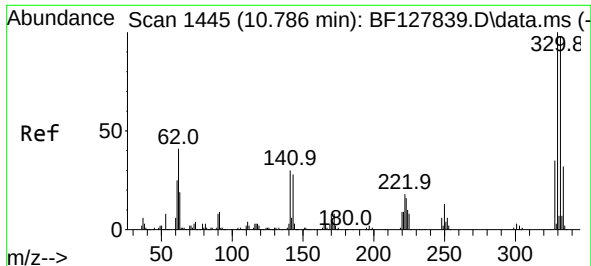
Tgt Ion:122 Resp: 7876
Ion Ratio Lower Upper
122 100
105 153.7 117.1 157.1
77 118.2 93.0 133.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

Tgt Ion:164 Resp: 160000
Ion Ratio Lower Upper
164 100
162 103.8 81.2 121.8
160 45.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 138.237 ng

RT: 10.780 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

Instrument :

BNA_F

ClientSampleId :

WC-15-1-2

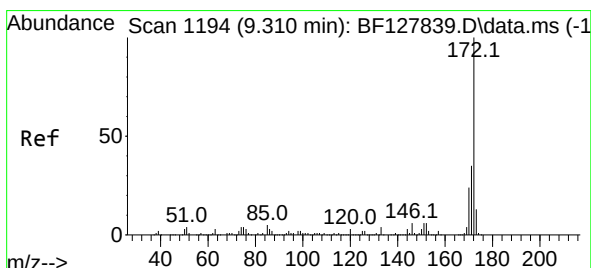
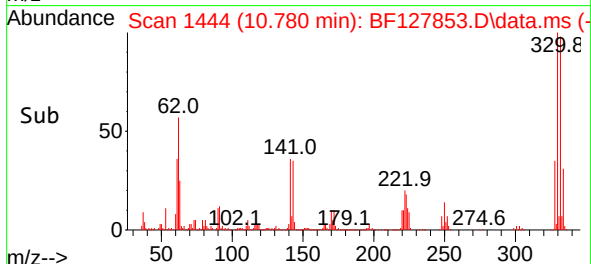
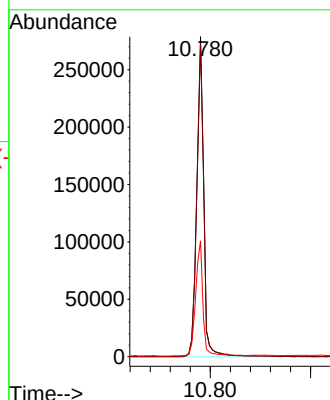
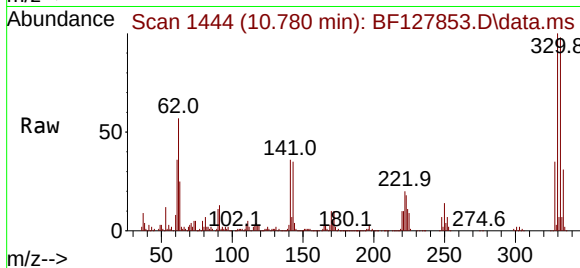
Tgt Ion:330 Resp: 269436

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 37.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 92.334 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

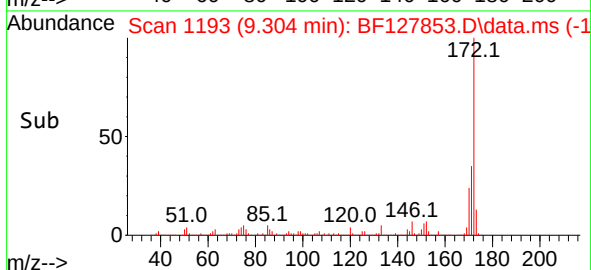
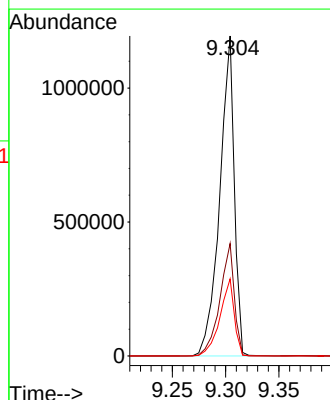
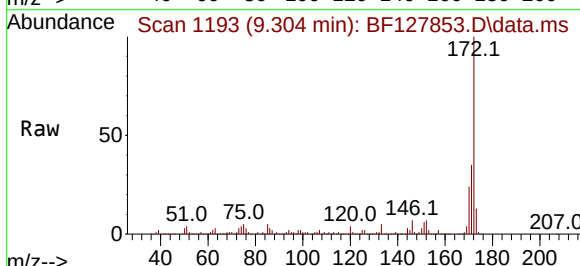
Tgt Ion:172 Resp: 1131061

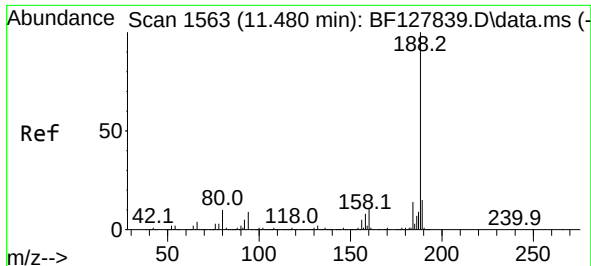
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.1 18.6 27.8

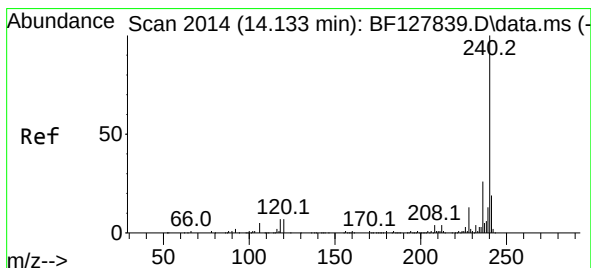
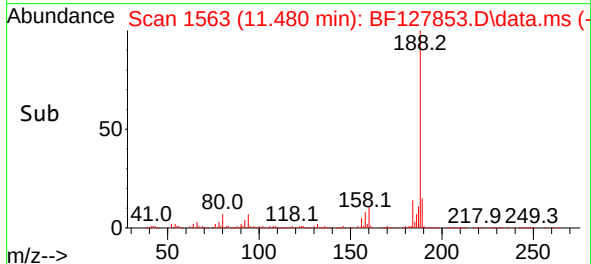
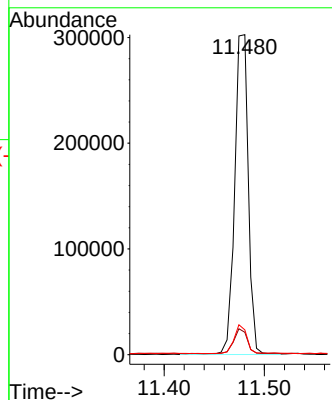
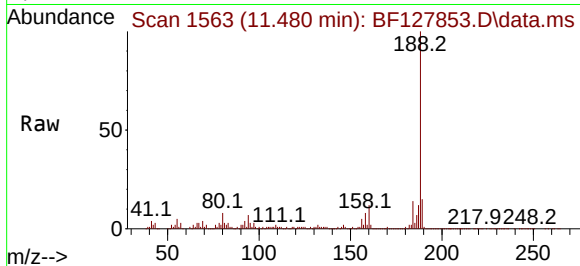




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

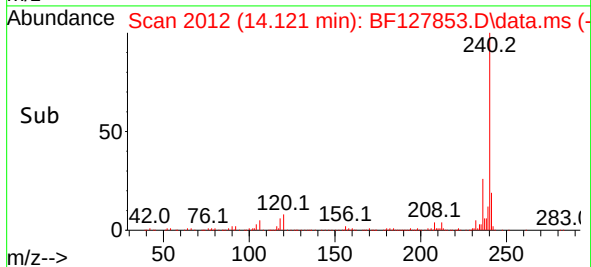
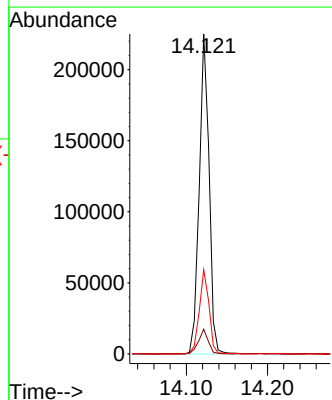
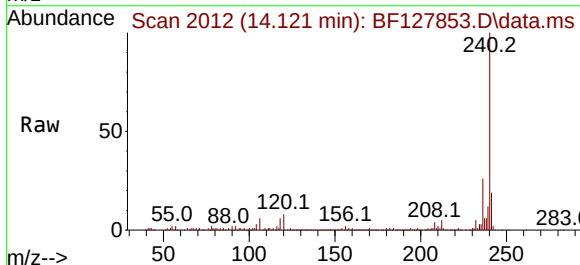
Instrument :
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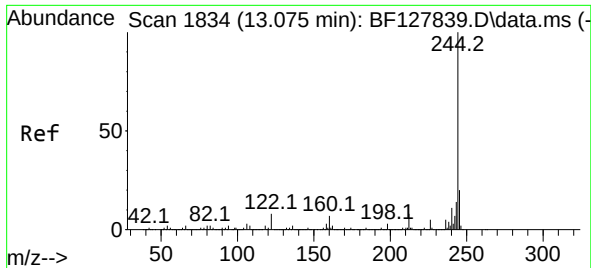
Tgt Ion:188 Resp: 283861
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.0#
80 7.7 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

Tgt Ion:240 Resp: 190552
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 26.3 20.7 31.1

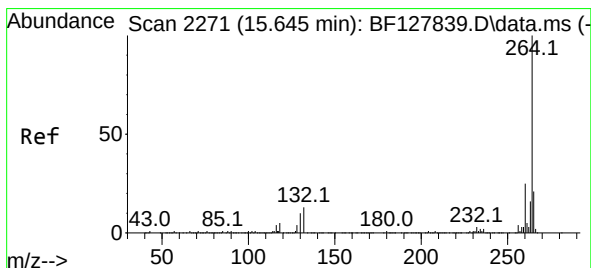
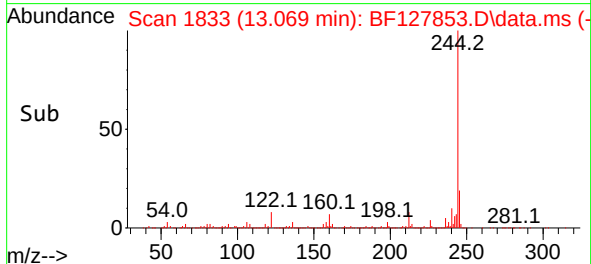
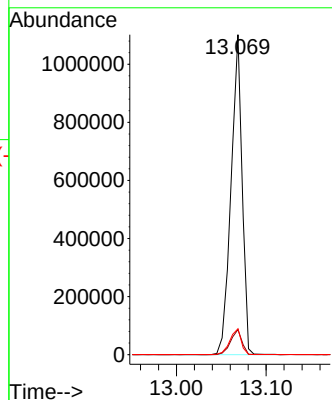
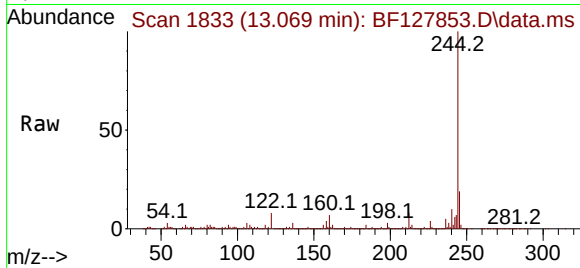




#79
 Terphenyl-d14
 Concen: 77.818 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127853.D
 Acq: 19 Apr 2022 21:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-2

Tgt Ion:244 Resp: 944702
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 8.1 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF127853.D
 Acq: 19 Apr 2022 21:06

Tgt Ion:264 Resp: 160724
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 19.9 17.4 26.2

