

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)

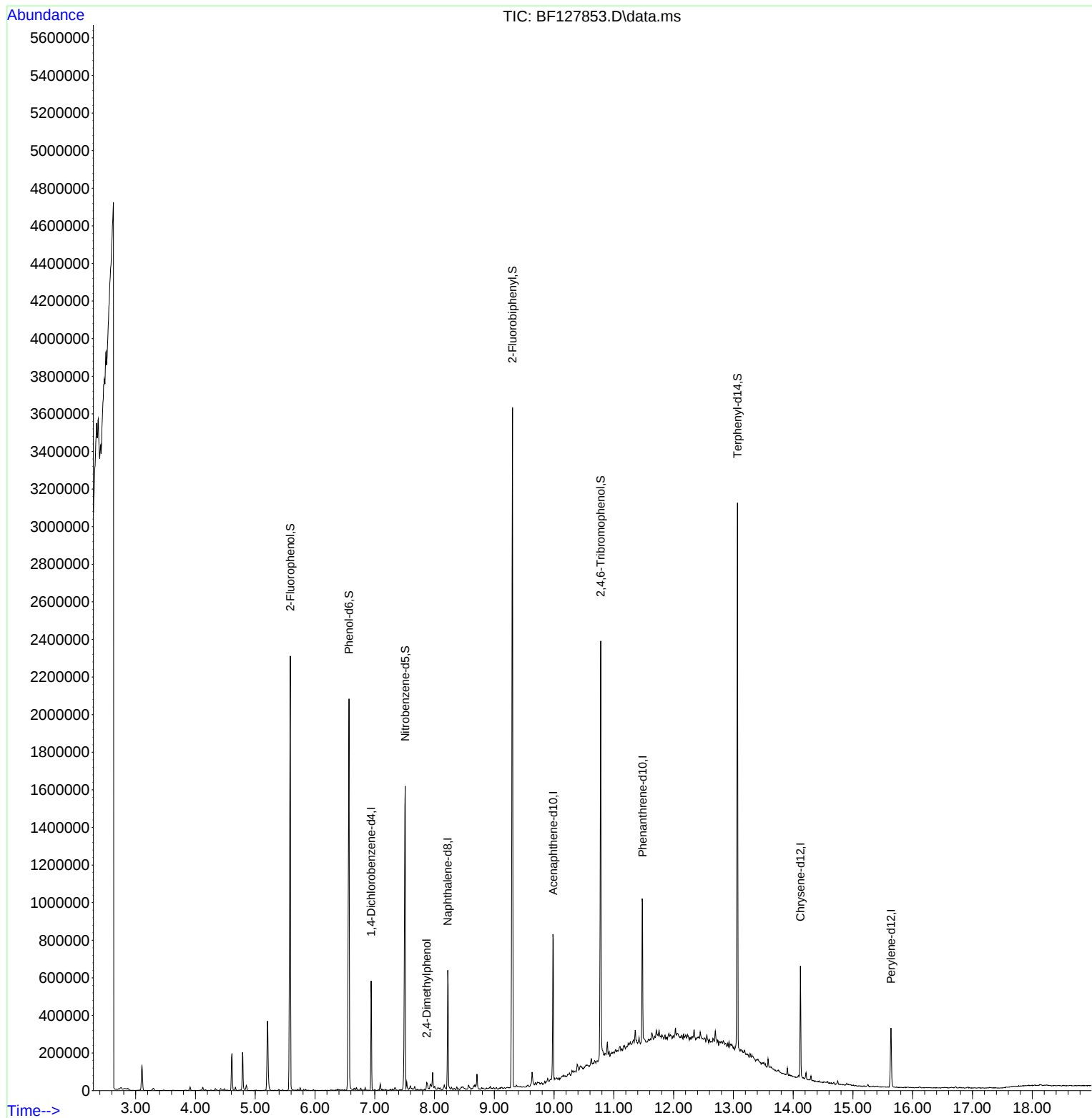
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	75655	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	275160	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	160000	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	283861	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	190552	20.000	ng	-0.01
86) Perylene-d12	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						
27) 2,4-Dimethylphenol	7.869	122	7853	2.061	ng	Qvalue 83

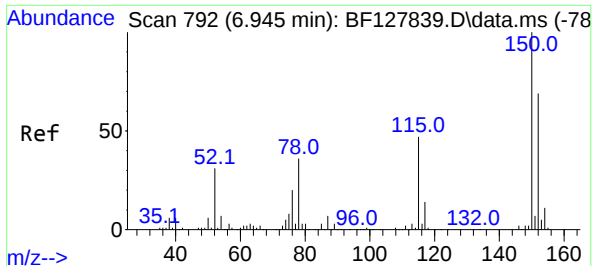
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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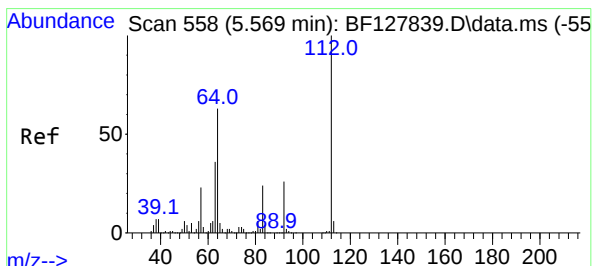
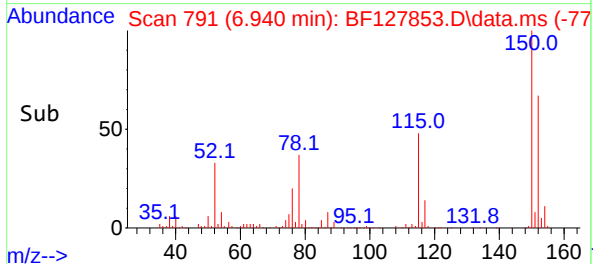
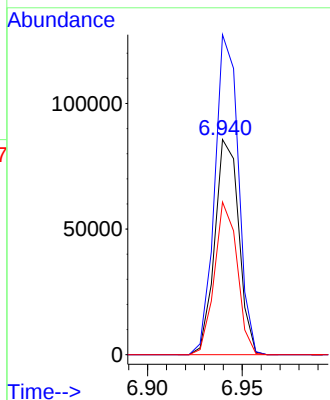
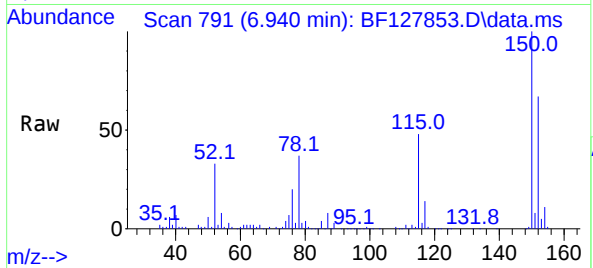




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

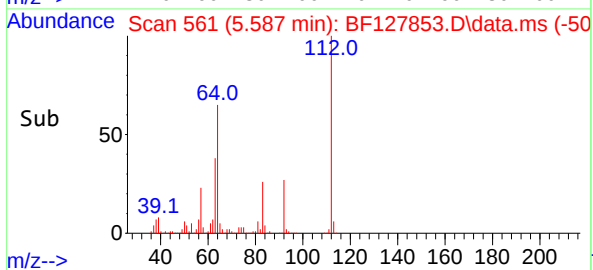
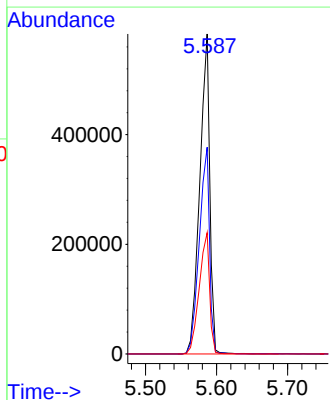
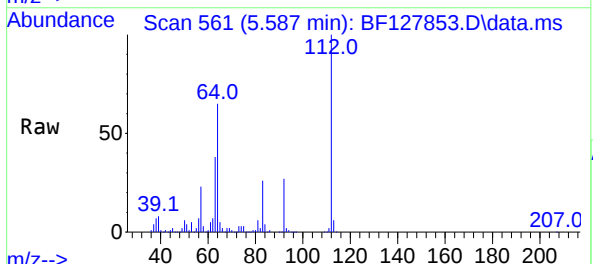
Instrument :
BNA_F
ClientSampleId :
WC-15-1-2

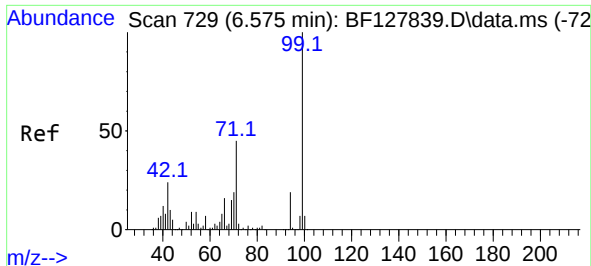
Tgt Ion:152 Resp: 75655
Ion Ratio Lower Upper
152 100
150 148.7 117.2 175.8
115 70.9 49.8 74.6



#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

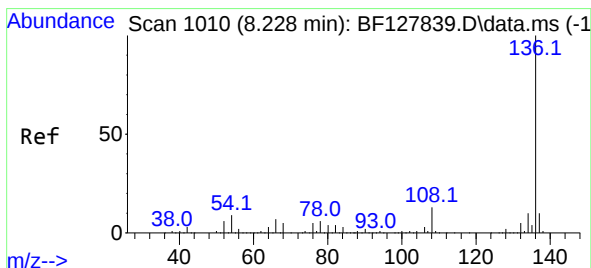
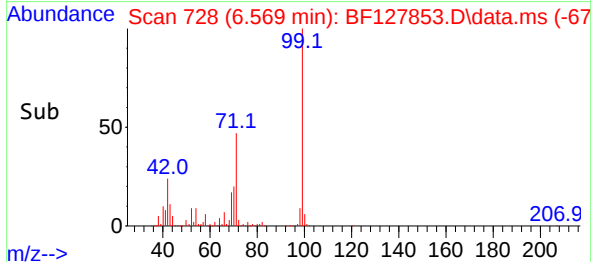
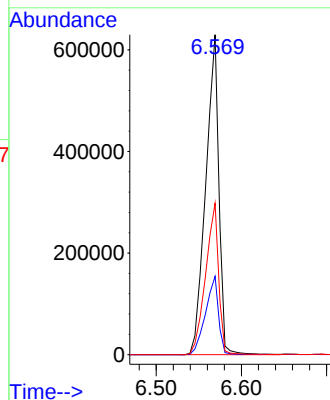
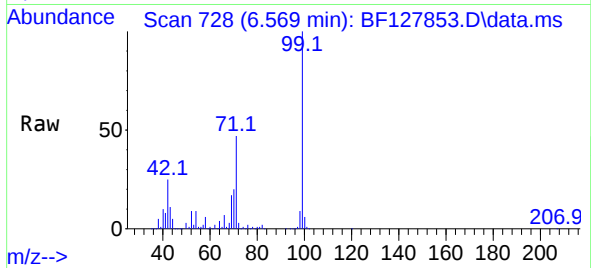




#7
Phenol-d6
Concen: 111.977 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

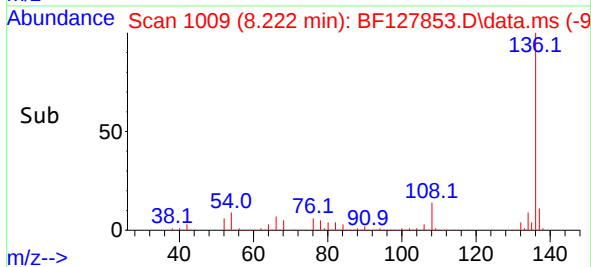
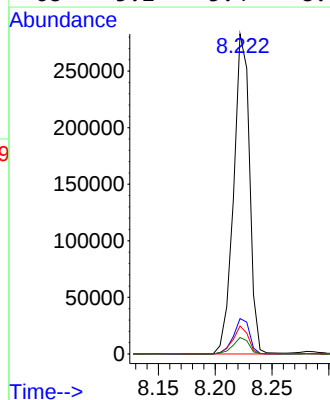
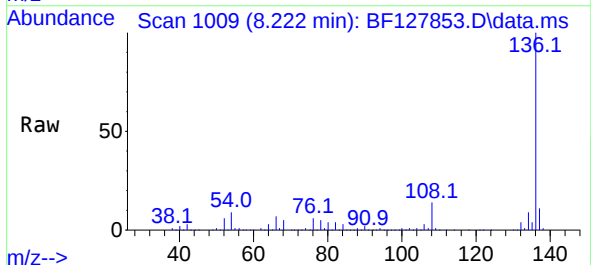
Instrument :
BNA_F
ClientSampleId :
WC-15-1-2

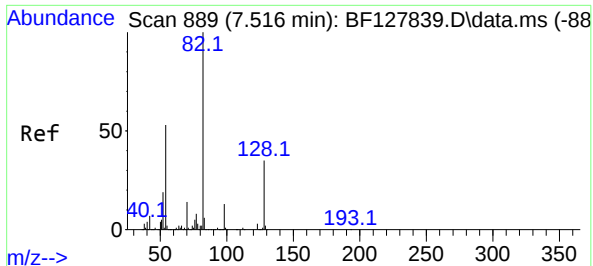
Tgt Ion: 99 Resp: 675286
Ion Ratio Lower Upper
99 100
42 24.5 17.8 26.6
71 47.3 29.6 44.4#



#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

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# 81

Delta R.T. -0.006 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

Instrument :

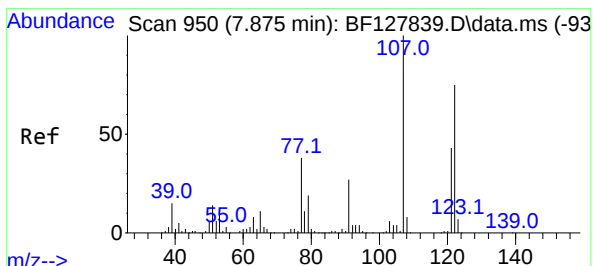
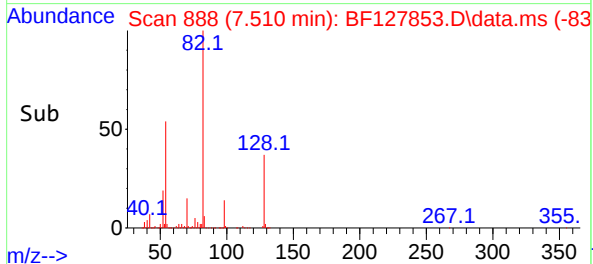
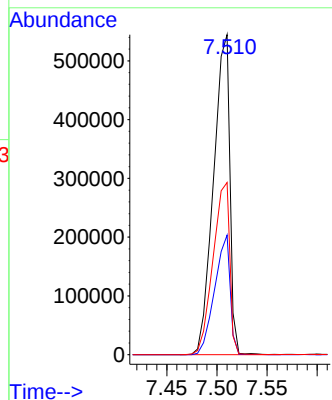
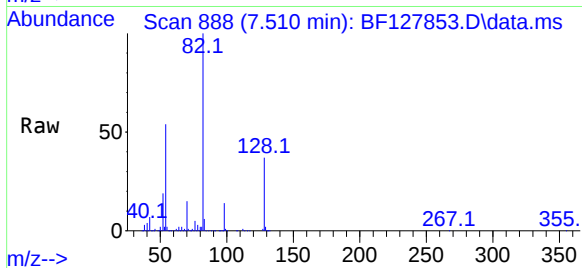
BNA_F

ClientSampleId :

WC-15-1-2

Tgt Ion: 82 Resp: 617294

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.6	45.8
54	53.8	48.2	72.2



#27

2,4-Dimethylphenol

Concen: 2.061 ng

RT: 7.869 min Scan# 949

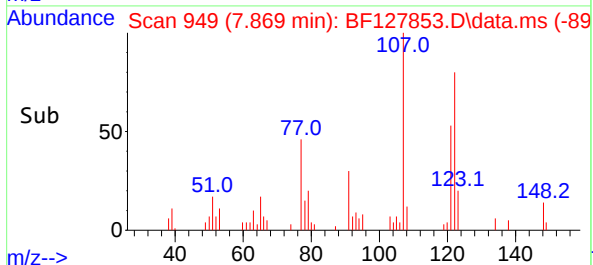
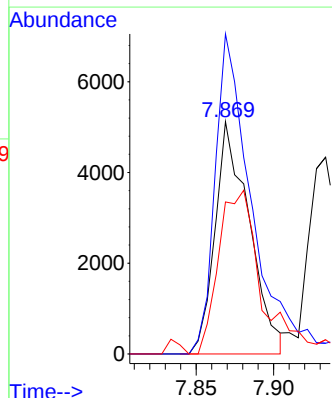
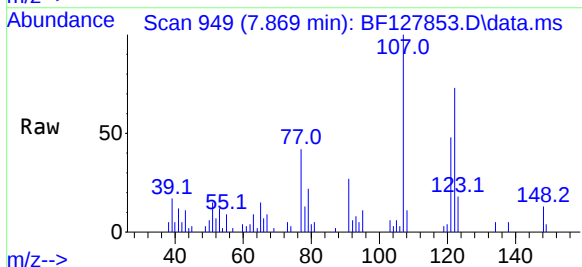
Delta R.T. -0.006 min

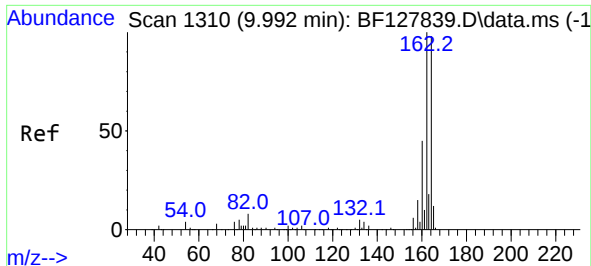
Lab File: BF127853.D

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

Instrument :

BNA_F

ClientSampleId :

WC-15-1-2

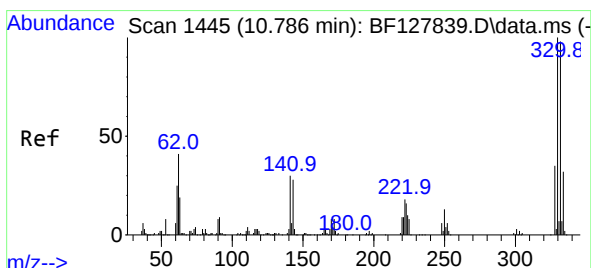
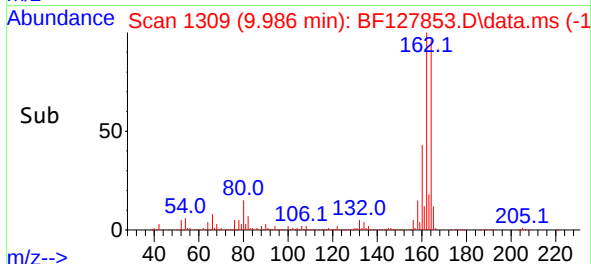
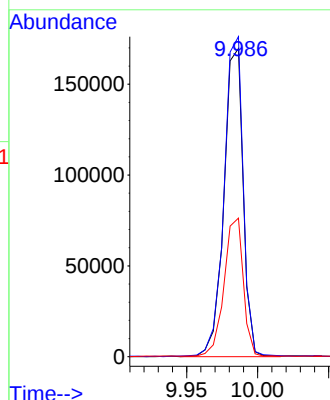
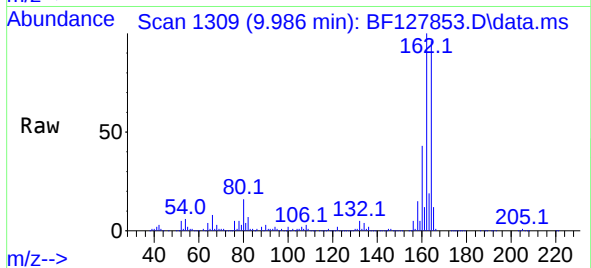
Tgt Ion:164 Resp: 160000

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# 1444

Delta R.T. -0.006 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

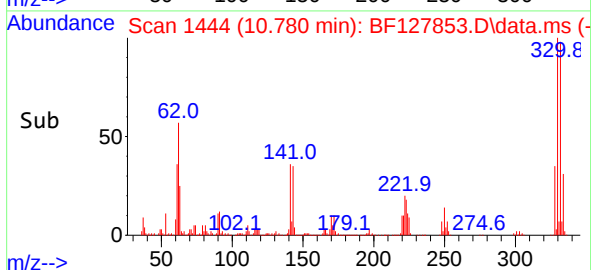
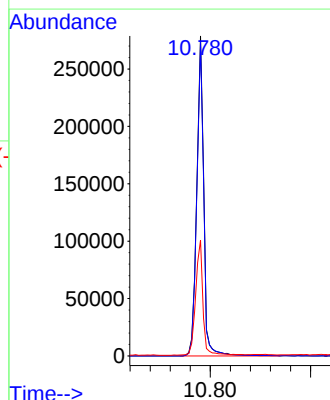
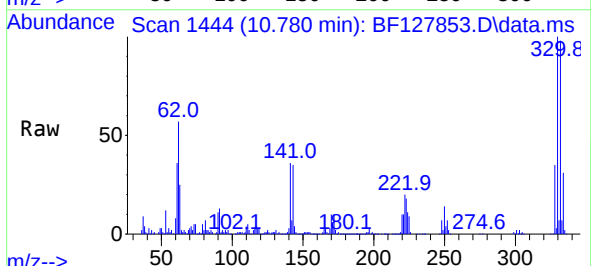
Tgt Ion:330 Resp: 269436

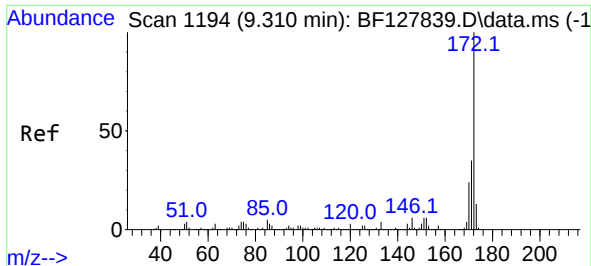
Ion Ratio Lower Upper

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# 1194

Delta R.T. -0.006 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

Instrument :

BNA_F

ClientSampleId :

WC-15-1-2

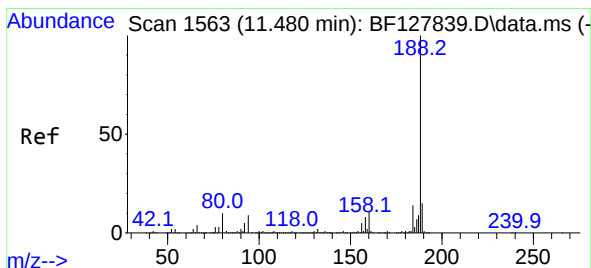
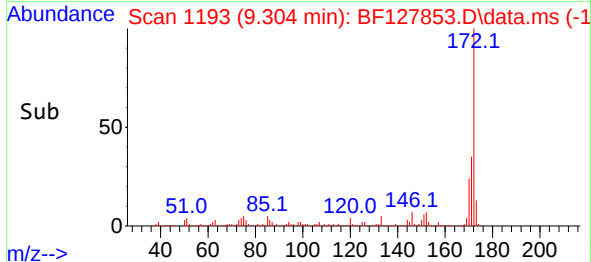
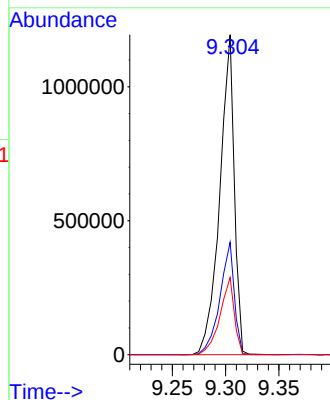
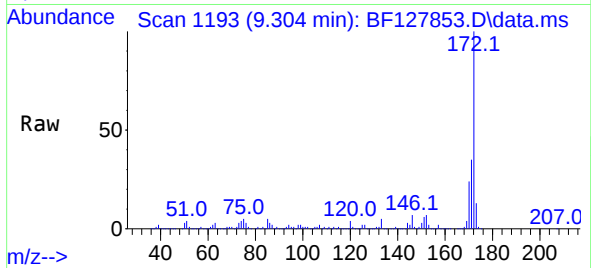
Tgt Ion:172 Resp: 1131061

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# 1563

Delta R.T. 0.000 min

Lab File: BF127853.D

Acq: 19 Apr 2022 21:06

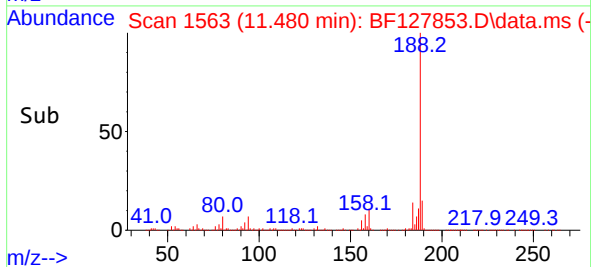
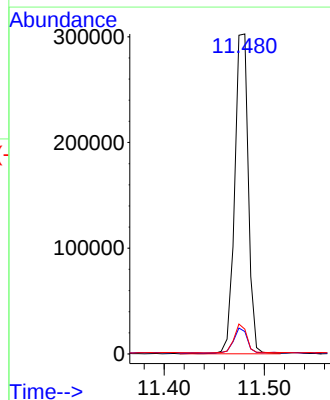
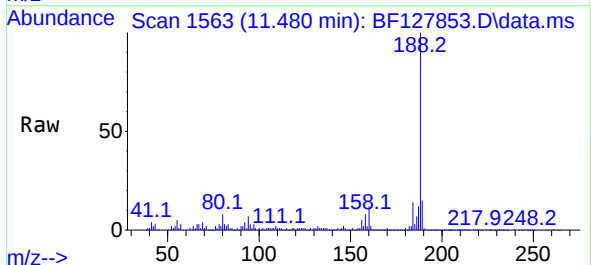
Tgt Ion:188 Resp: 283861

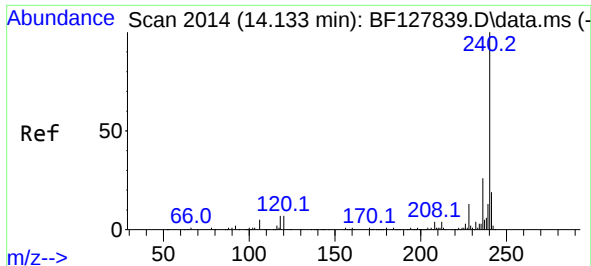
Ion Ratio Lower Upper

188 100

94 7.0 7.4 11.0#

80 7.7 8.0 12.0#

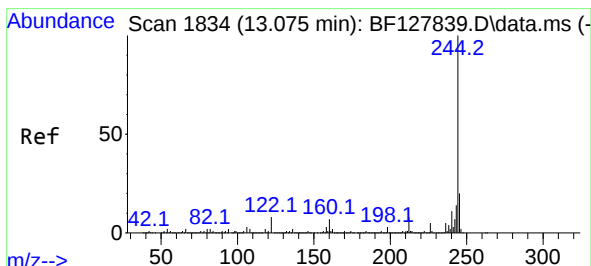
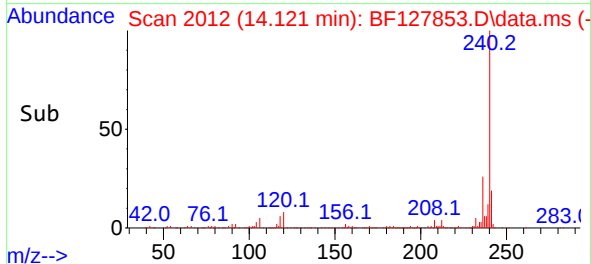
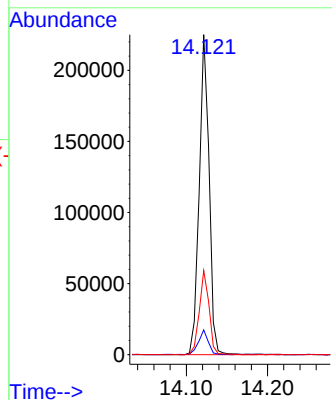
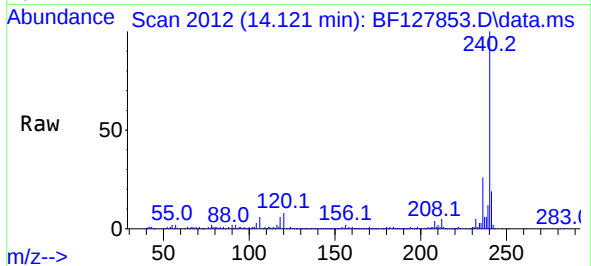




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

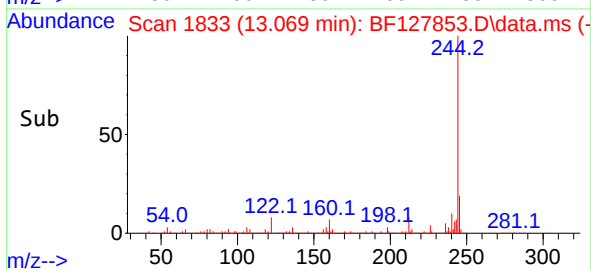
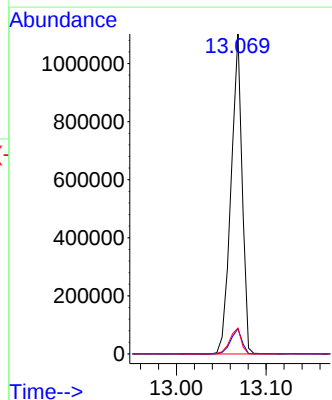
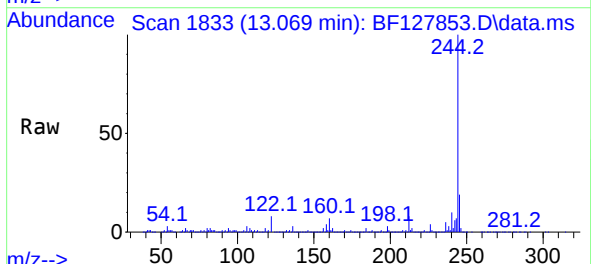
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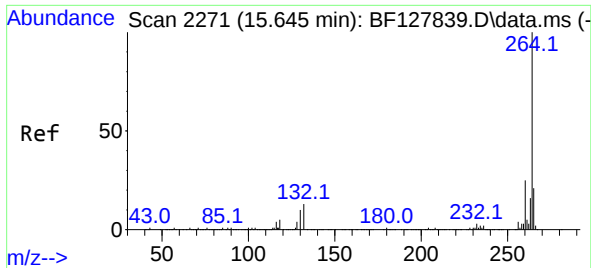
Tgt Ion:240 Resp: 190552
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 26.3 20.7 31.1



#79
Terphenyl-d14
Concen: 77.818 ng
RT: 13.069 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF127853.D
Acq: 19 Apr 2022 21:06

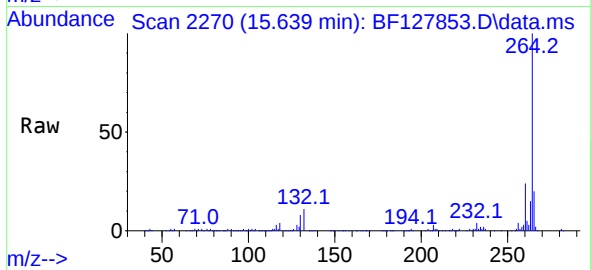
Tgt Ion:244 Resp: 944702
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.1 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 21
 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:264 Resp: 160724
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 19.9 17.4 26.2

