

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128082.D
 Acq On : 04 May 2022 20:16
 Operator : CG\JU
 Sample : N2675-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-1-050322

Quant Time: May 05 06:07:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

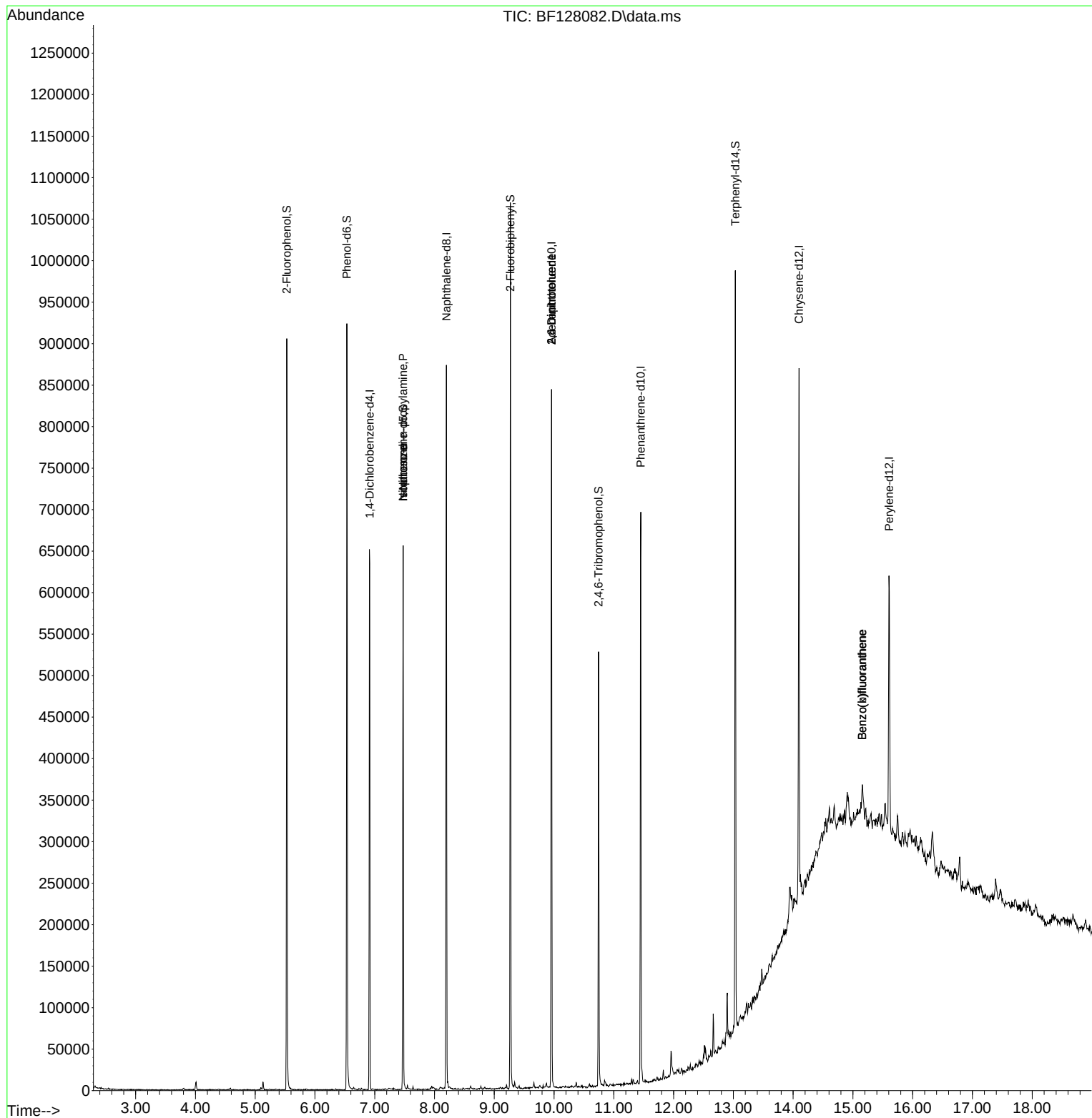
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	93385	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	337158	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	161037	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	256488	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	210269	20.000	ng	0.00
86) Perylene-d12	15.604	264	139084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	213387	36.395	ng	-0.01
7) Phenol-d6	6.534	99	272655	35.840	ng	-0.02
23) Nitrobenzene-d5	7.475	82	182712	25.483	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	54527	33.636	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	290883	30.558	ng	-0.01
79) Terphenyl-d14	13.033	244	282691	24.584	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	24404	5.240	ng	# 79
25) Isophorone	7.475	82	182710	15.141	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	20331	8.695	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	20331	6.564	ng	# 26
88) Benzo(b)fluoranthene	15.157	252	17677	2.024	ng	# 57
89) Benzo(k)fluoranthene	15.157	252	17906	2.035	ng	# 55

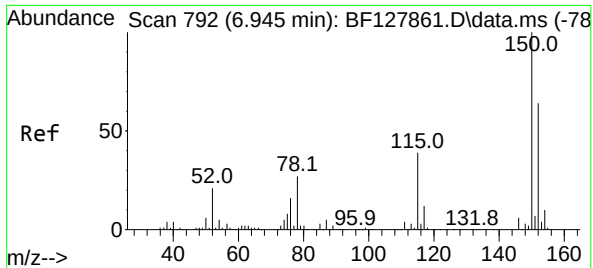
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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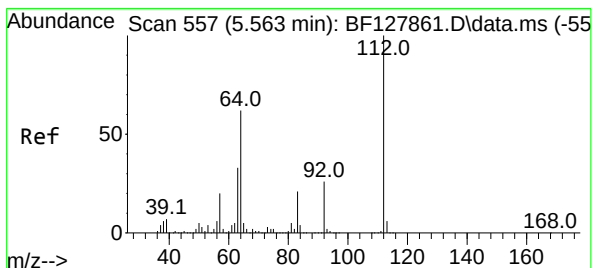
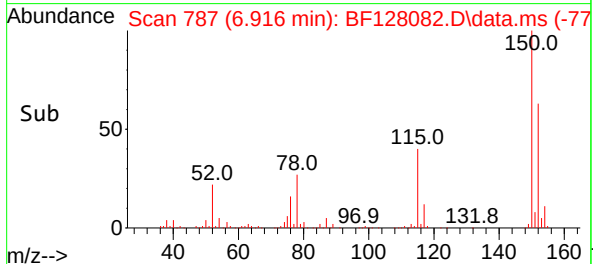
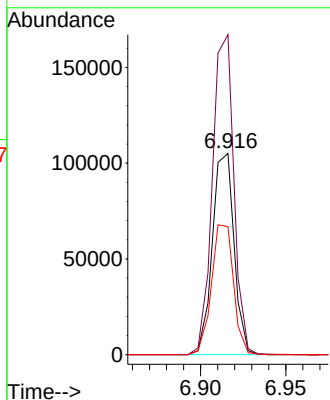
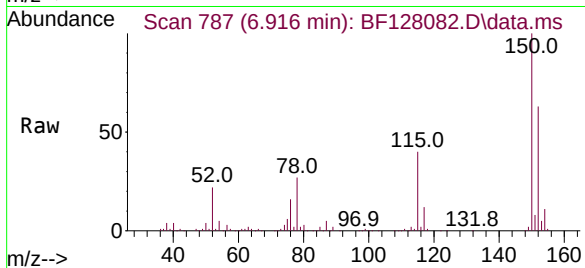




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

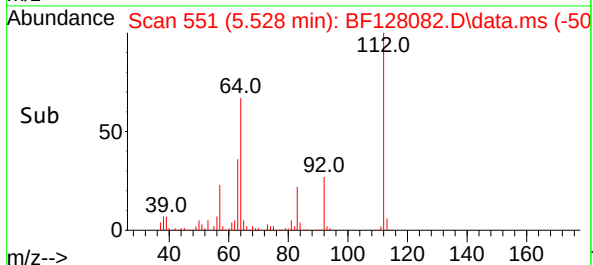
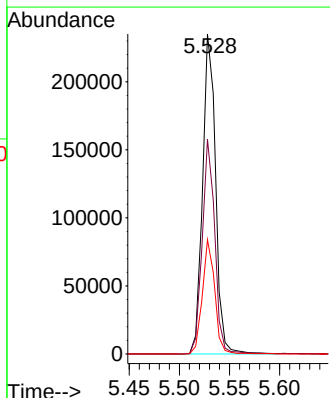
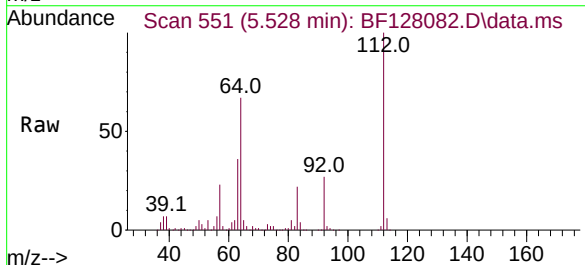
Instrument :
BNA_F
ClientSampleId :
BU-1-050322

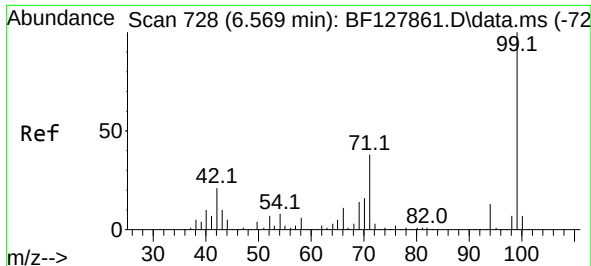
Tgt Ion:152 Resp: 93385
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 63.6 48.8 73.2



#5
2-Fluorophenol
Concen: 36.395 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.012 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

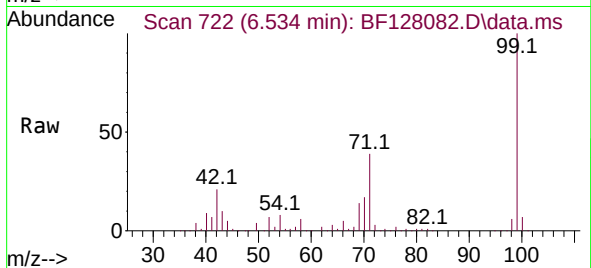
Tgt Ion:112 Resp: 213387
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 35.7 26.3 39.5



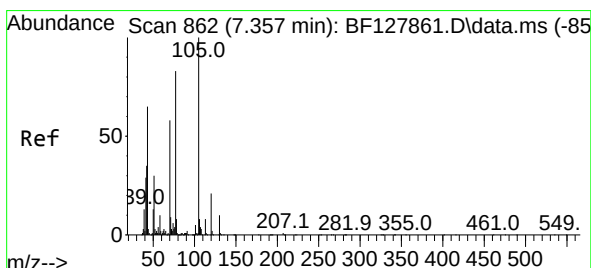
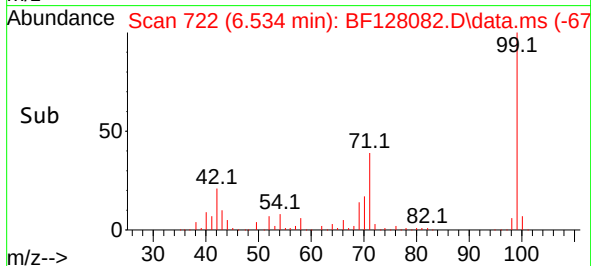
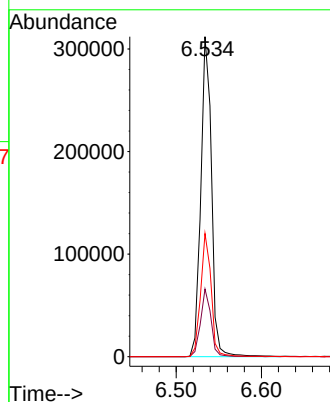


#7
Phenol-d6
Concen: 35.840 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Instrument :
BNA_F
ClientSampleId :
BU-1-050322

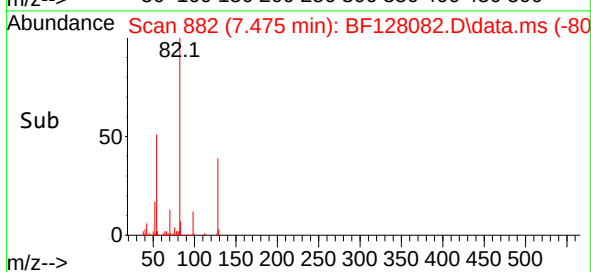
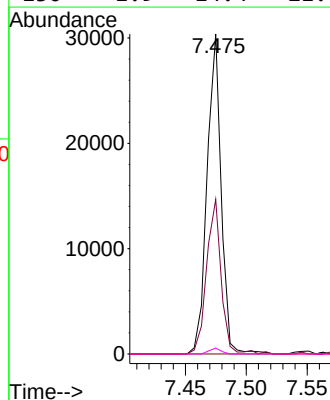
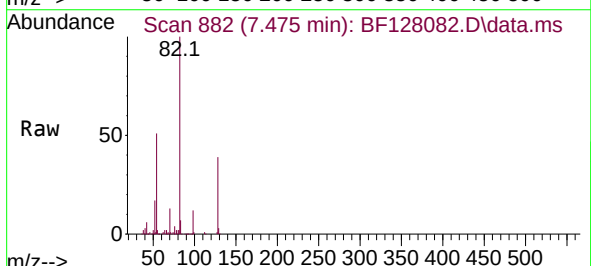


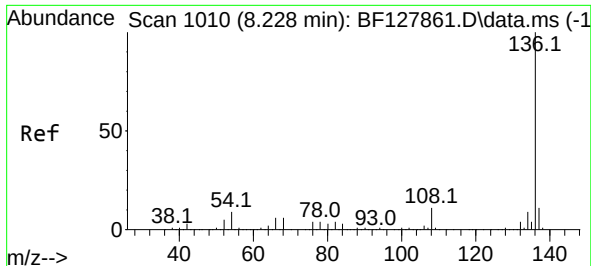
Tgt Ion:	99	Resp:	272655
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	24.8
71	38.5	30.0	45.0



#19
n-Nitroso-di-n-propylamine
Concen: 5.240 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Tgt Ion:	70	Resp:	24404
Ion	Ratio	Lower	Upper
70	100		
42	48.3	48.7	73.1#
101	0.0	7.2	10.8#
130	1.9	14.4	21.6#

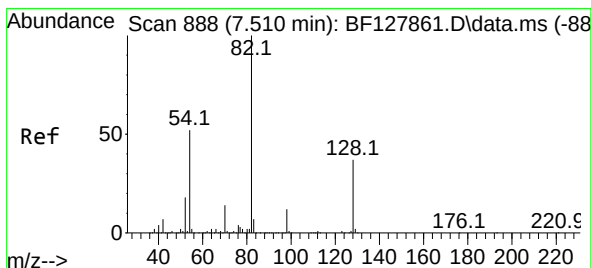
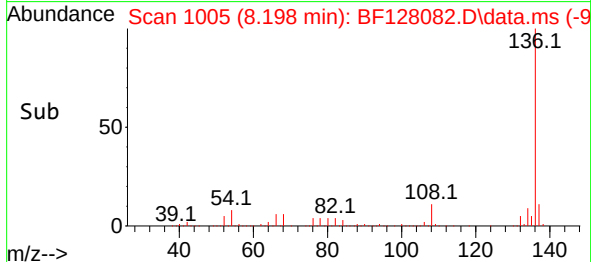
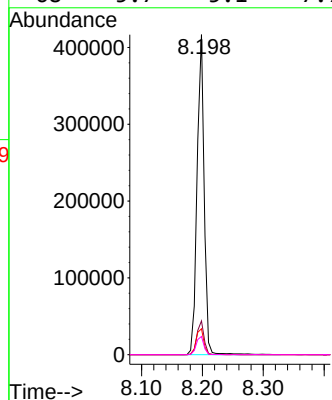
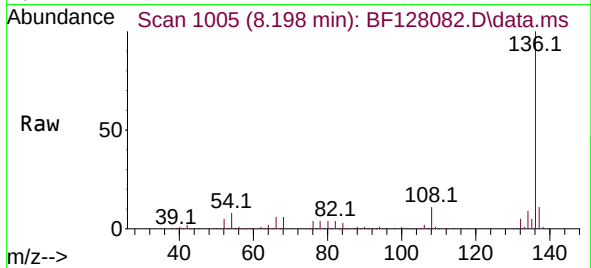




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

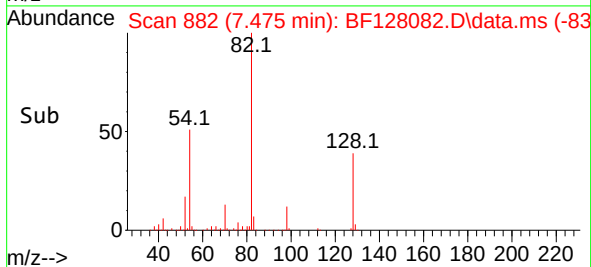
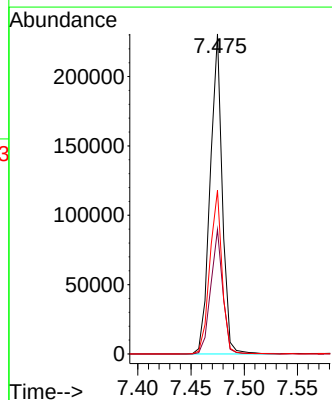
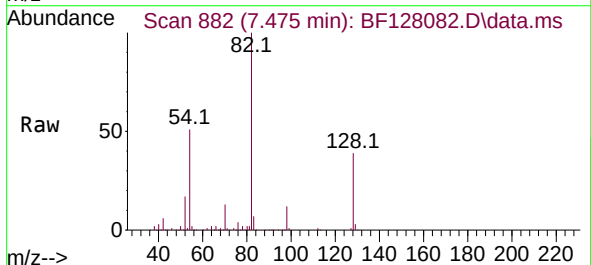
Instrument :
BNA_F
ClientSampleId :
BU-1-050322

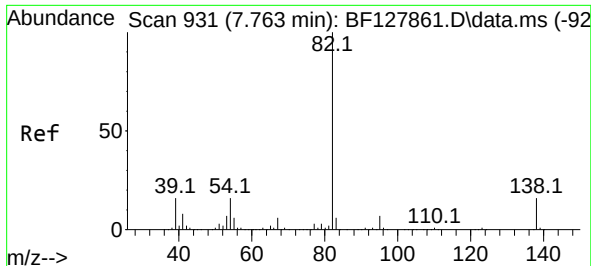
Tgt Ion:136	Resp: 337158
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.1	6.8 10.2
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 25.483 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Tgt Ion: 82	Resp: 182712
Ion Ratio	Lower Upper
82 100	
128 38.8	30.0 45.0
54 51.1	41.3 61.9

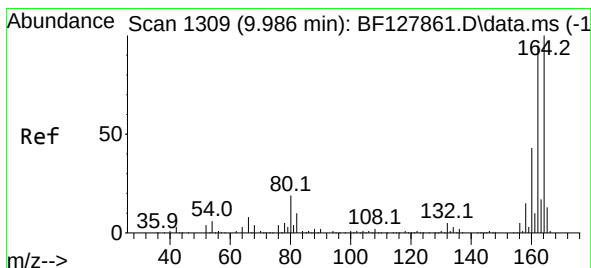
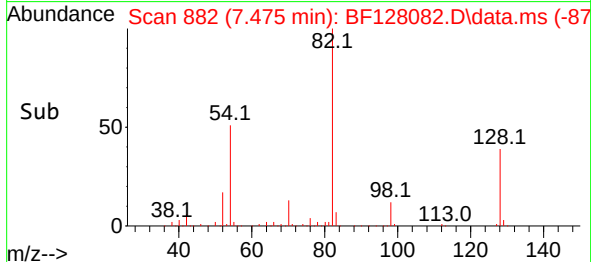
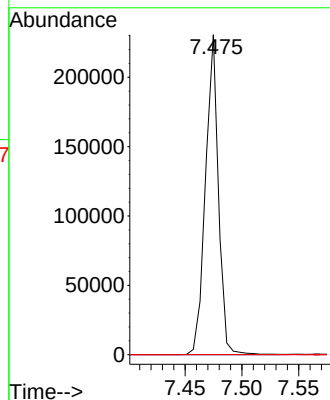
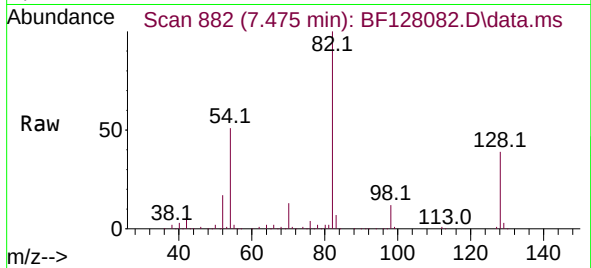




#25
Isophorone
Concen: 15.141 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

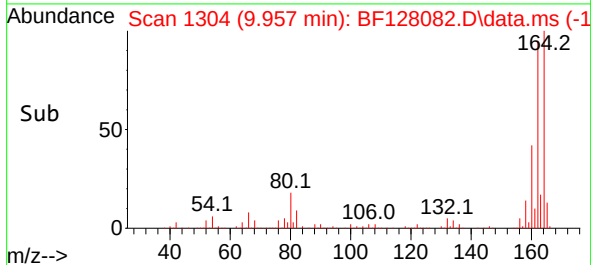
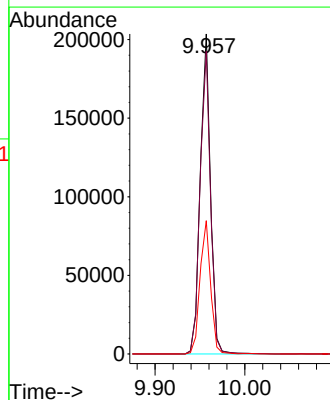
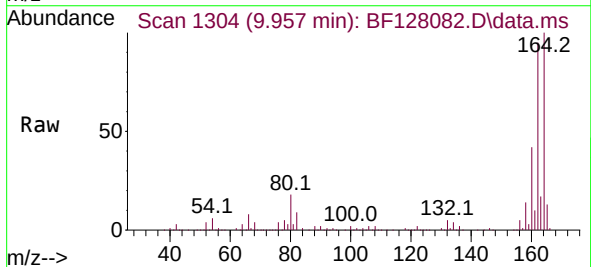
Instrument :
BNA_F
ClientSampleId :
BU-1-050322

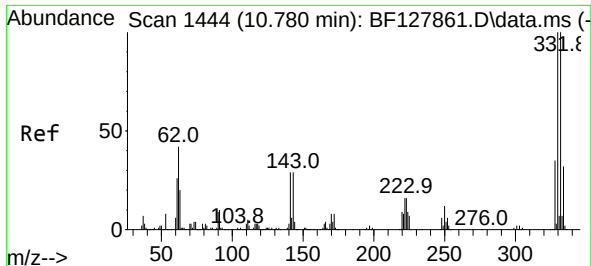
Tgt Ion: 82 Resp: 182710
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Tgt Ion: 164 Resp: 161037
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 41.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 33.636 ng

RT: 10.745 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF128082.D

Acq: 04 May 2022 20:16

Instrument :

BNA_F

ClientSampleId :

BU-1-050322

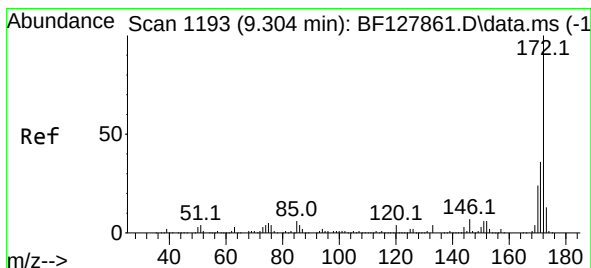
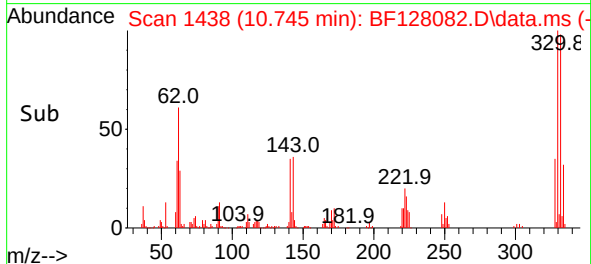
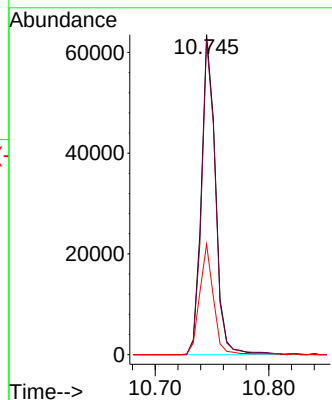
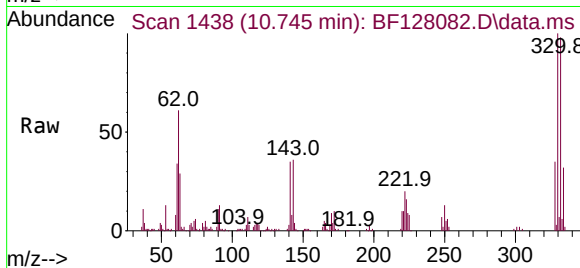
Tgt Ion:330 Resp: 54527

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 34.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 30.558 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.012 min

Lab File: BF128082.D

Acq: 04 May 2022 20:16

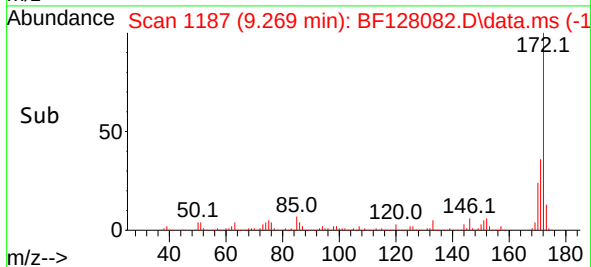
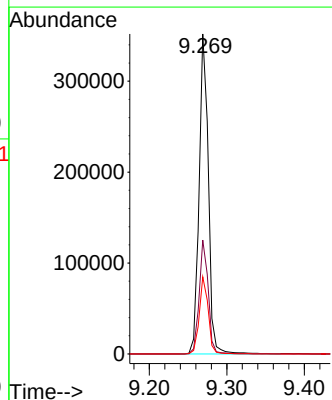
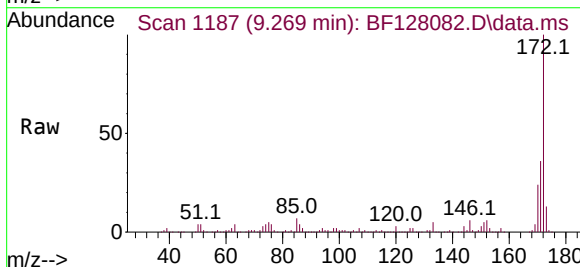
Tgt Ion:172 Resp: 290883

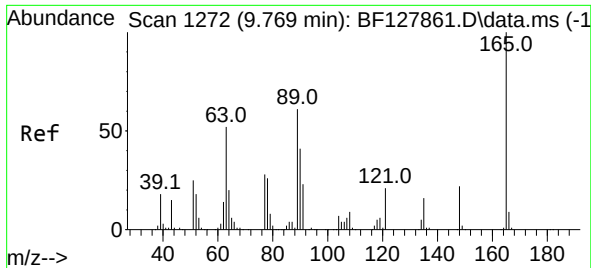
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 24.1 19.1 28.7

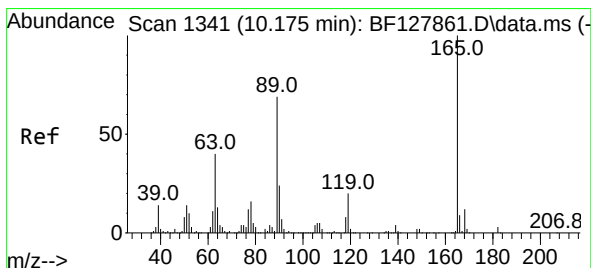
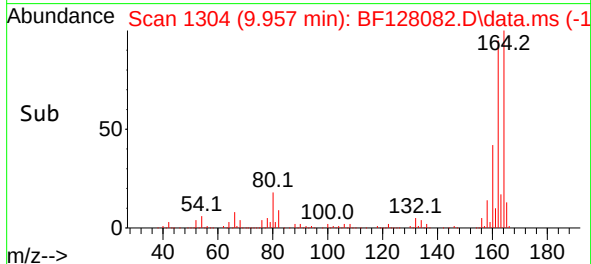
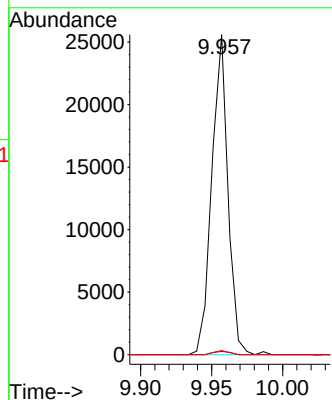
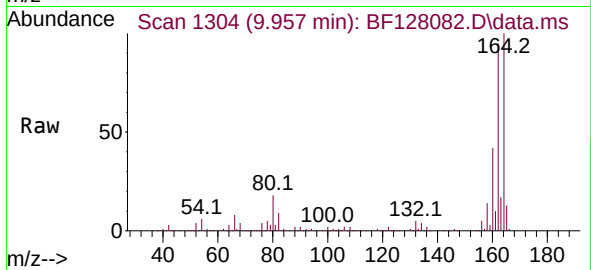




#51
2,6-Dinitrotoluene
Concen: 8.695 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

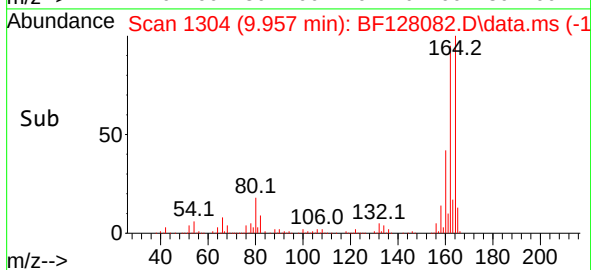
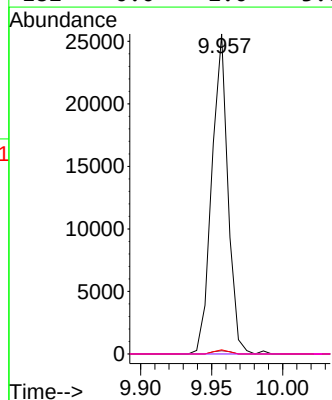
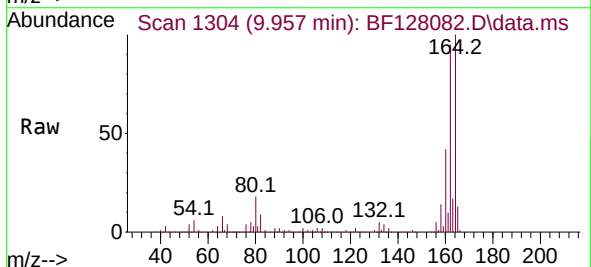
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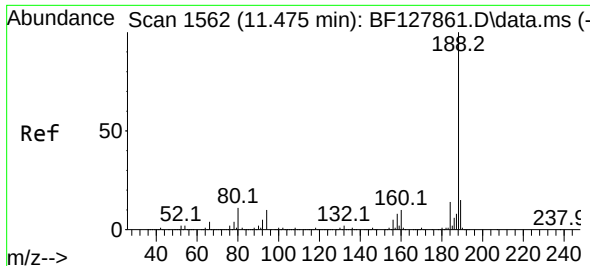
Tgt Ion:165 Resp: 20331
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.564 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Tgt Ion:165 Resp: 20331
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

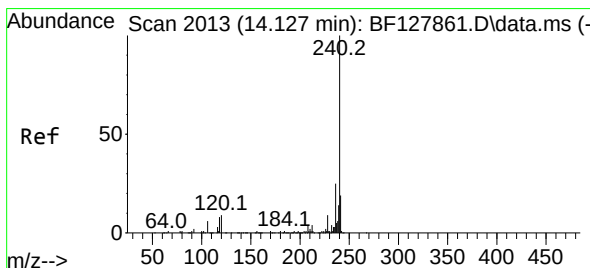
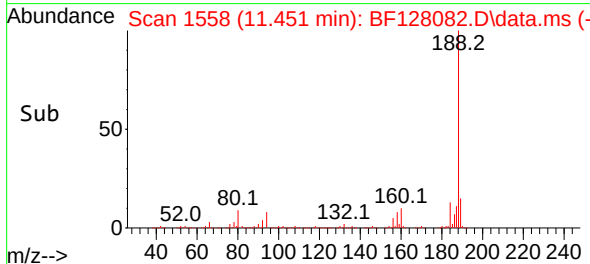
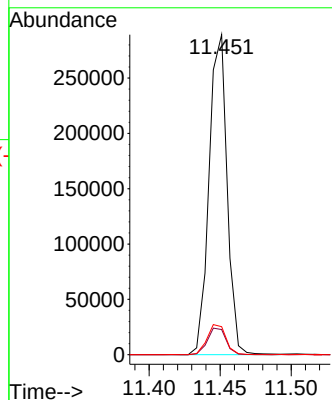
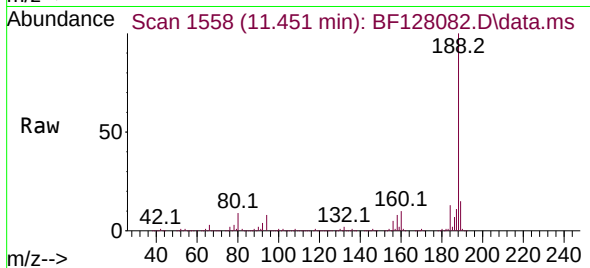




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

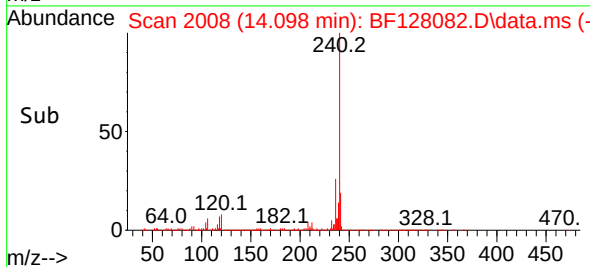
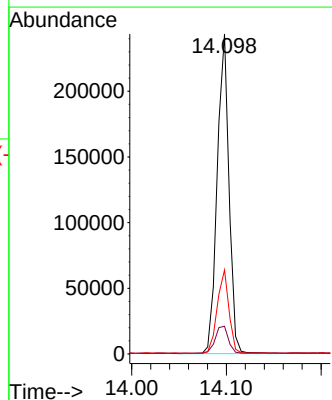
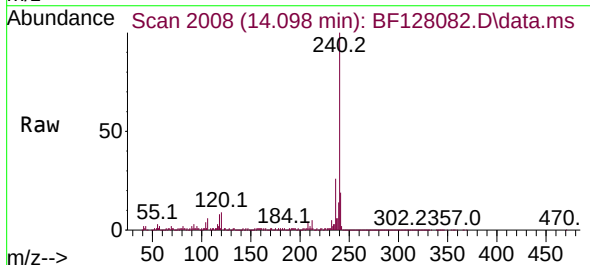
Instrument :
BNA_F
ClientSampleId :
BU-1-050322

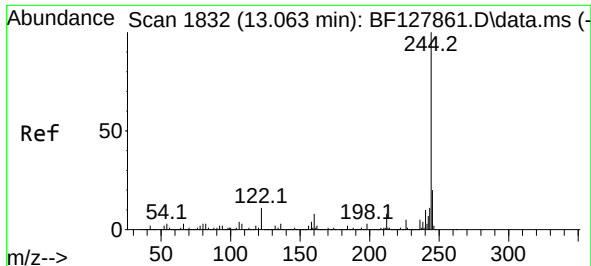
Tgt Ion:188 Resp: 256488
Ion Ratio Lower Upper
188 100
94 7.9 8.0 12.0#
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Tgt Ion:240 Resp: 210269
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.3 20.3 30.5

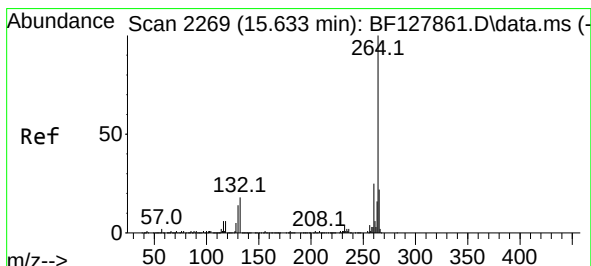
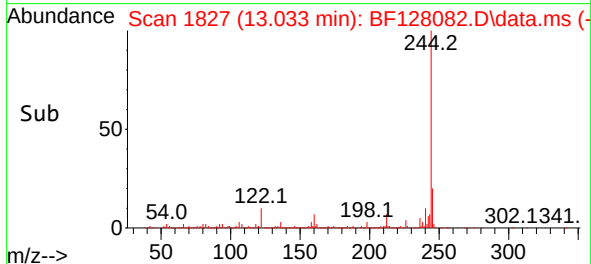
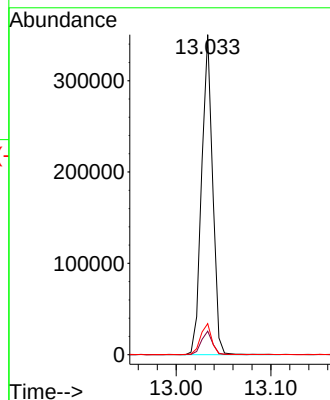
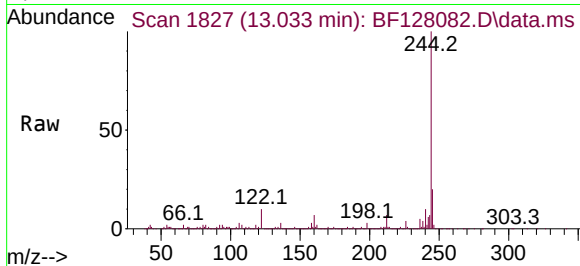




#79
Terphenyl-d14
Concen: 24.584 ng
RT: 13.033 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

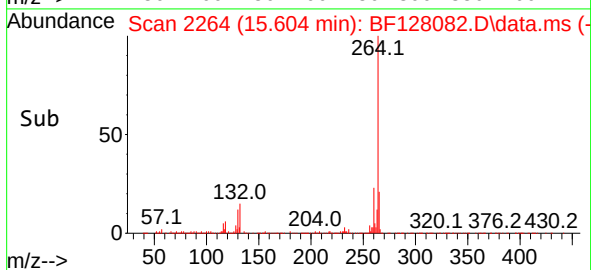
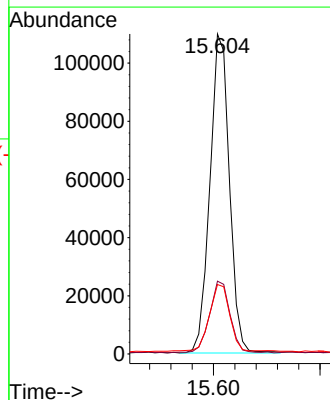
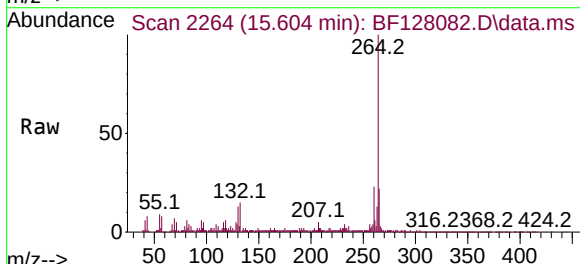
Instrument :
BNA_F
ClientSampleId :
BU-1-050322

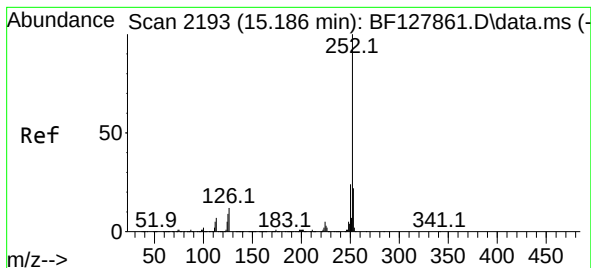
Tgt Ion:244 Resp: 282691
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.7 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128082.D
Acq: 04 May 2022 20:16

Tgt Ion:264 Resp: 139084
Ion Ratio Lower Upper
264 100
260 22.7 20.1 30.1
265 21.7 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.024 ng

RT: 15.157 min Scan# 2188

Delta R.T. -0.012 min

Lab File: BF128082.D

Acq: 04 May 2022 20:16

Instrument :

BNA_F

ClientSampleId :

BU-1-050322

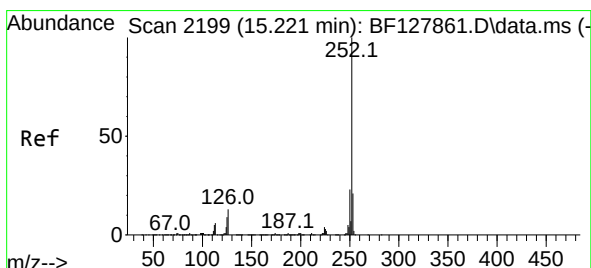
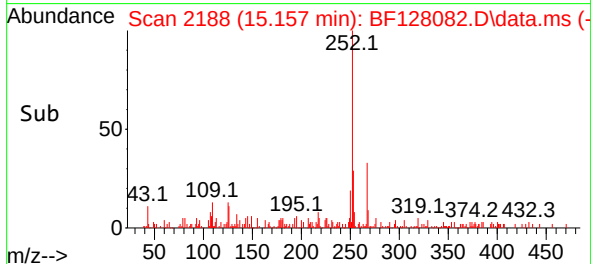
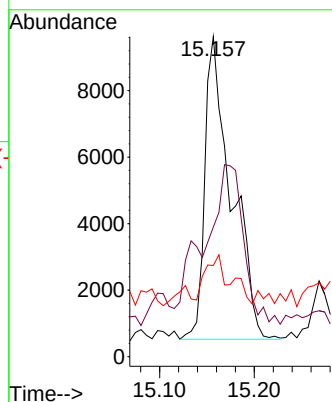
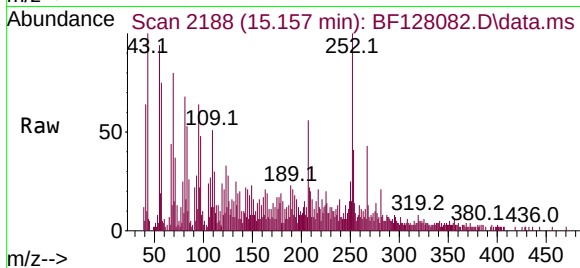
Tgt Ion:252 Resp: 17677

Ion Ratio Lower Upper

252 100

253 40.5 17.4 26.2#

125 28.5 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.035 ng

RT: 15.157 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF128082.D

Acq: 04 May 2022 20:16

Tgt Ion:252 Resp: 17906

Ion Ratio Lower Upper

252 100

253 40.5 17.0 25.4#

125 28.5 6.8 10.2#

