

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128107.D
 Acq On : 05 May 2022 21:19
 Operator : CG\JU
 Sample : N2672-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 05

Quant Time: May 06 05:02:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

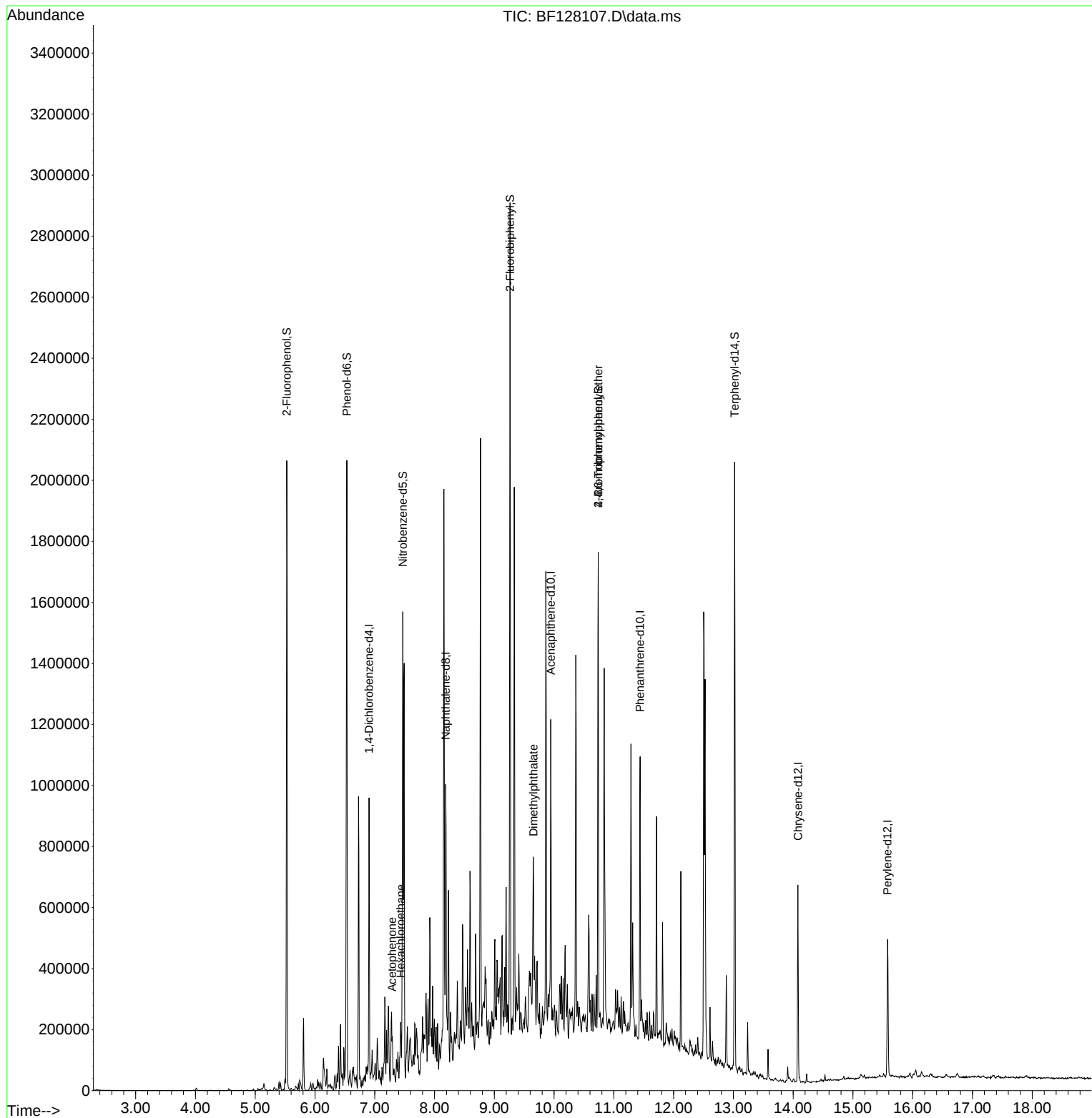
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	90861	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	349136	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	196600	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	319425	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	204656	20.000	ng	-0.01
86) Perylene-d12	15.580	264	201287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	529446	92.811	ng	0.00
7) Phenol-d6	6.534	99	683260	92.307	ng	-0.01
23) Nitrobenzene-d5	7.469	82	494773	66.640	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	179892	90.895	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	800733	68.903	ng	0.00
79) Terphenyl-d14	13.021	244	661680	59.120	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	7.433	117	6306	2.521	ng	# 1
22) Acetophenone	7.292	105	29317	3.445	ng	# 61
50) Dimethylphthalate	9.657	163	55664	4.222	ng	# 99
67) 4-Bromophenyl-phenylether	10.739	248	11163	3.152	ng	# 1

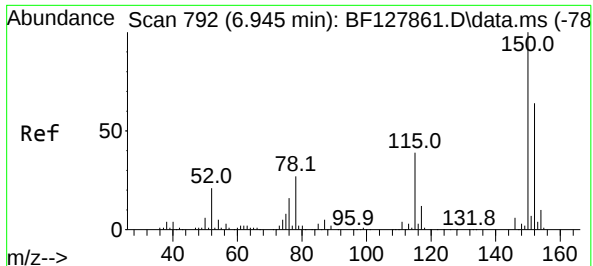
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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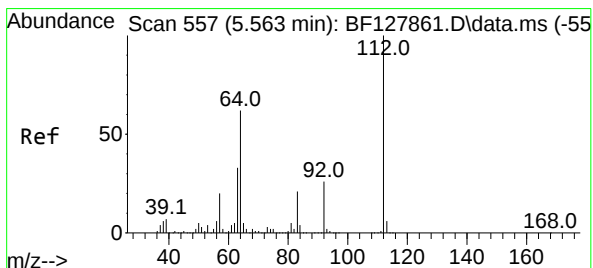
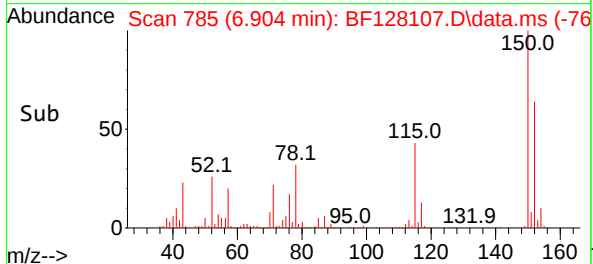
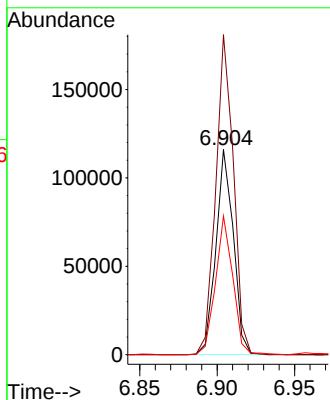
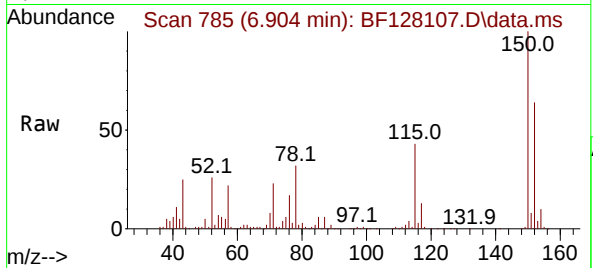




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128107.D
 Acq: 05 May 2022 21:19

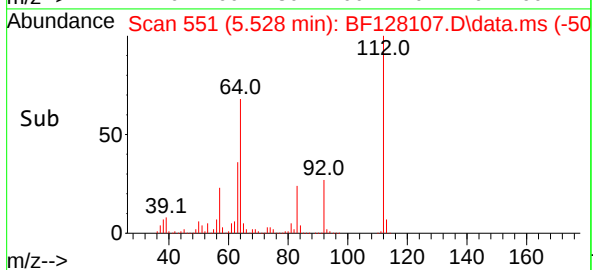
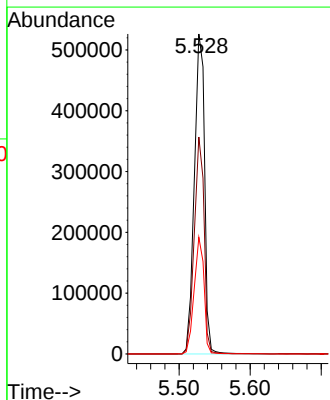
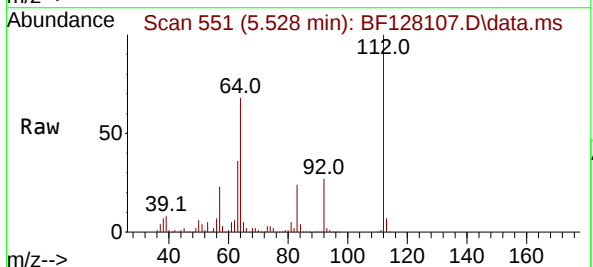
Instrument :
 BNA_F
 ClientSampleId :
 05

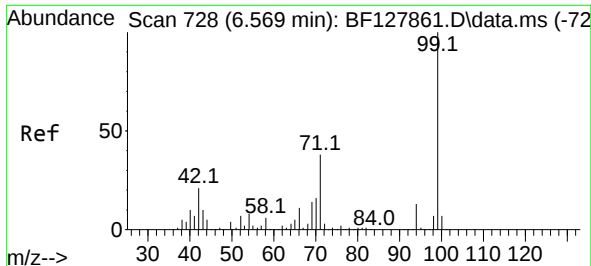
Tgt Ion:152 Resp: 90861
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.3 187.9
 115 67.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 92.811 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF128107.D
 Acq: 05 May 2022 21:19

Tgt Ion:112 Resp: 529446
 Ion Ratio Lower Upper
 112 100
 64 67.8 49.5 74.3
 63 36.5 26.3 39.5

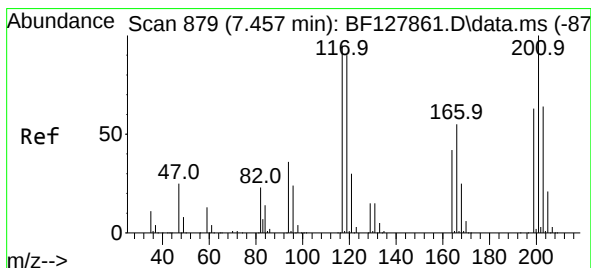
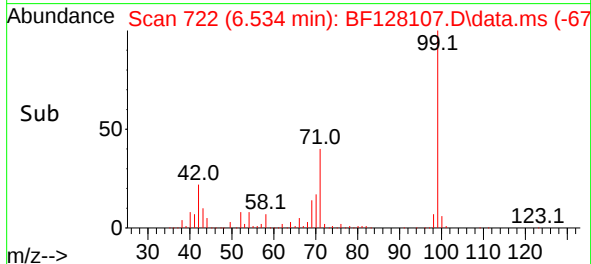
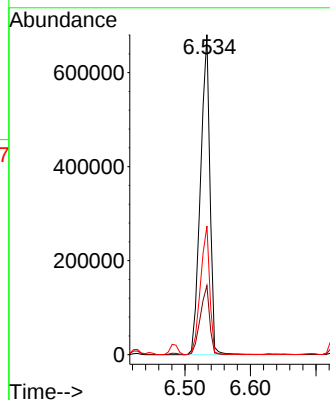
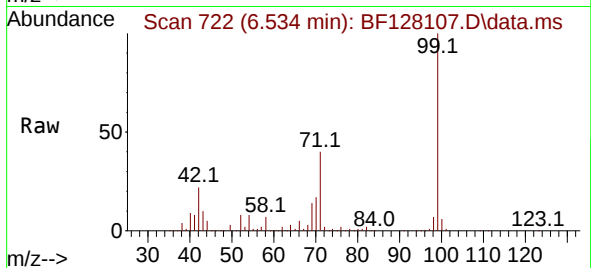




#7
Phenol-d6
Concen: 92.307 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

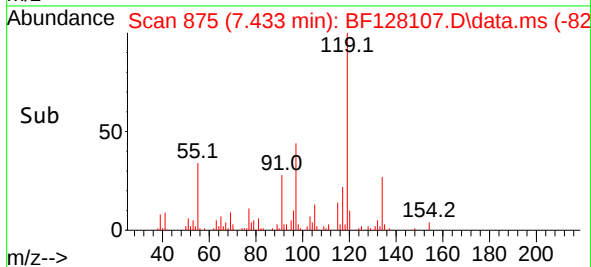
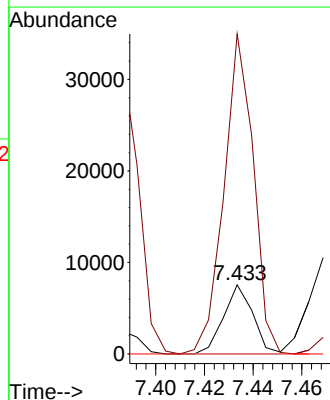
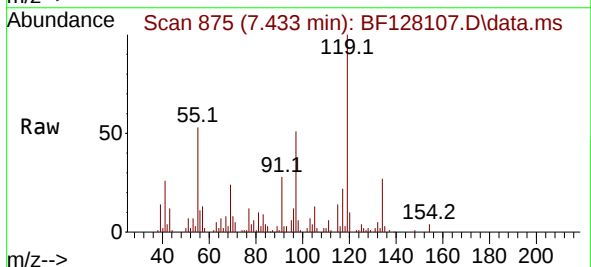
Instrument :
BNA_F
ClientSampleId :
05

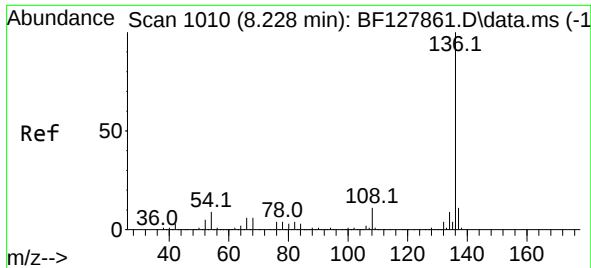
Tgt Ion: 99 Resp: 683260
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.2 30.0 45.0



#18
Hexachloroethane
Concen: 2.521 ng
RT: 7.433 min Scan# 875
Delta R.T. 0.012 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

Tgt Ion: 117 Resp: 6306
Ion Ratio Lower Upper
117 100
119 463.0 76.2 114.4#
201 0.0 84.4 126.6#

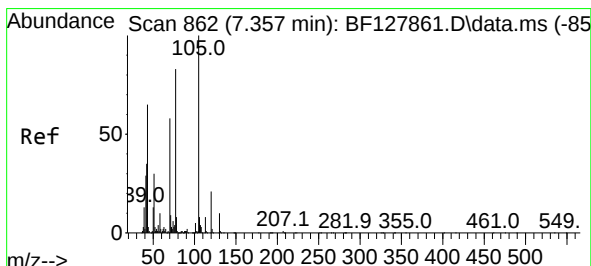
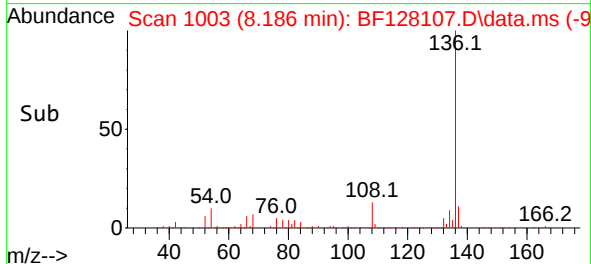
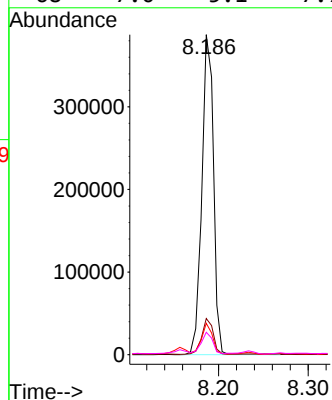
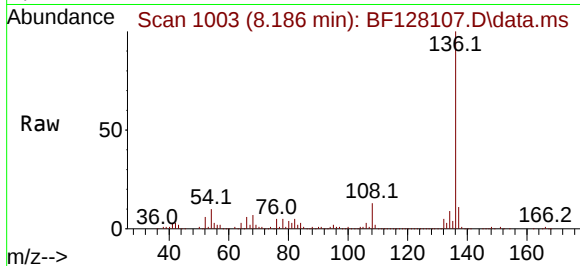




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

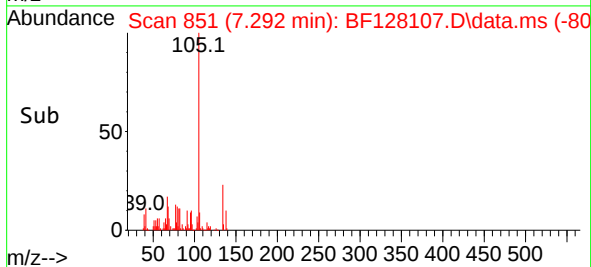
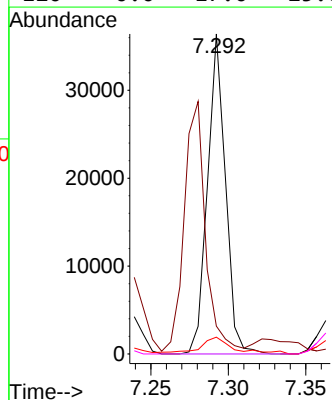
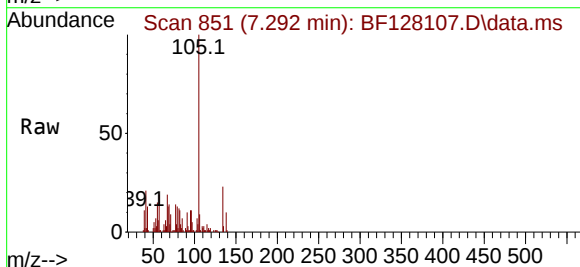
Instrument :
BNA_F
ClientSampleId :
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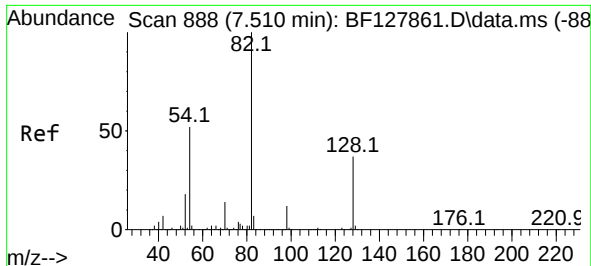
Tgt Ion:	136	Resp:	349136
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	9.8	6.8	10.2
68	7.0	5.1	7.7



#22
Acetophenone
Concen: 3.445 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.035 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

Tgt Ion:	105	Resp:	29317
Ion Ratio	Lower	Upper	
105	100		
71	8.7	7.3	10.9
51	5.3	23.7	35.5#
120	0.0	17.0	25.6#

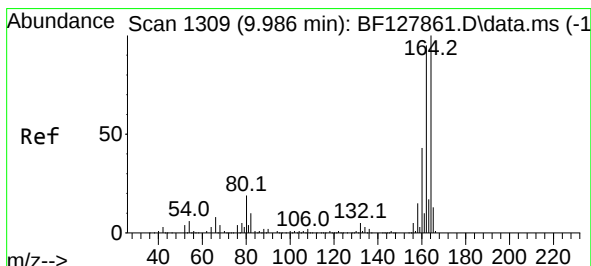
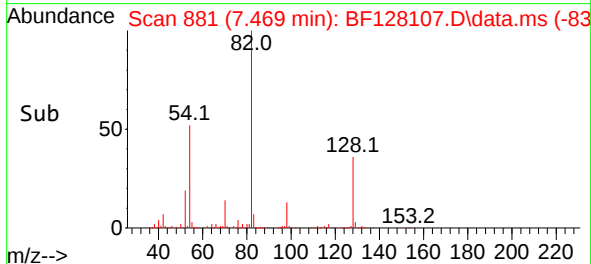
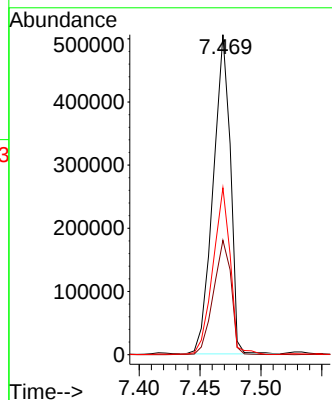
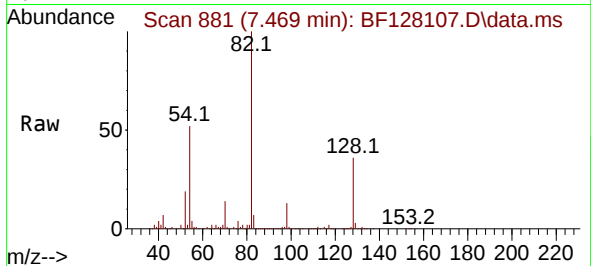




#23
Nitrobenzene-d5
Concen: 66.640 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

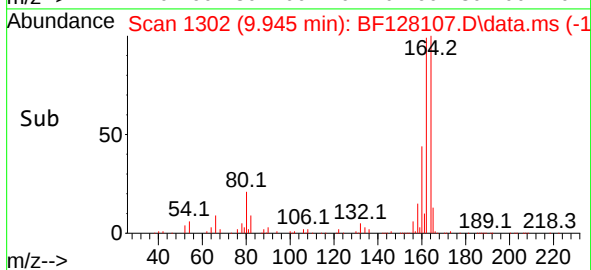
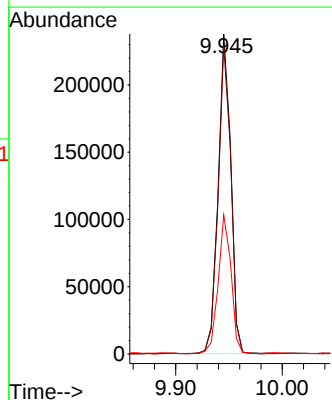
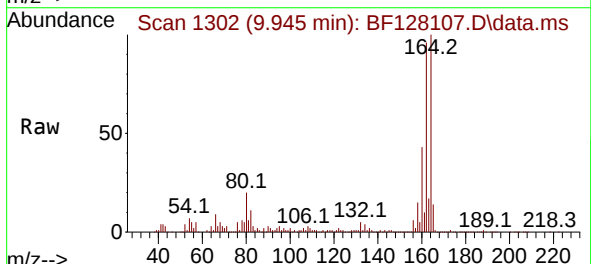
Instrument :
BNA_F
ClientSampleId :
05

Tgt Ion: 82 Resp: 494773
Ion Ratio Lower Upper
82 100
128 35.8 30.0 45.0
54 52.1 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

Tgt Ion: 164 Resp: 196600
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 90.895 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128107.D

Acq: 05 May 2022 21:19

Instrument :

BNA_F

ClientSampleId :

05

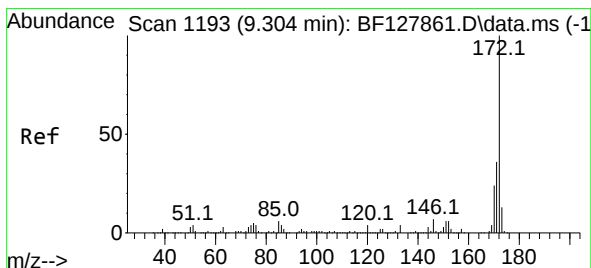
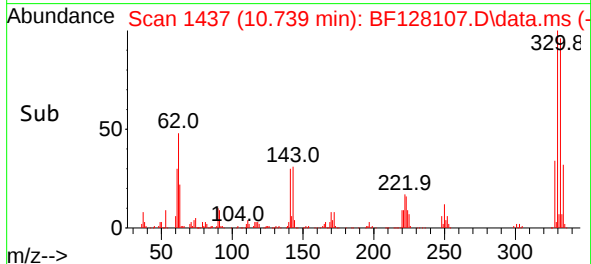
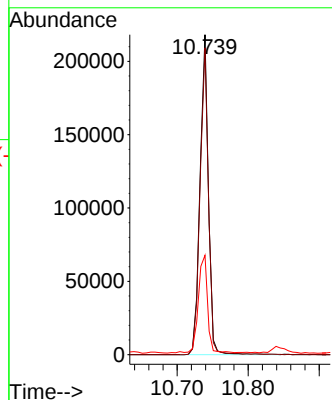
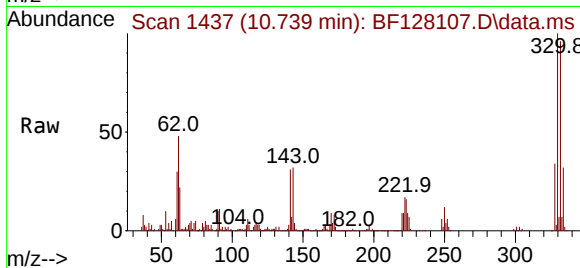
Tgt Ion:330 Resp: 179892

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.903 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128107.D

Acq: 05 May 2022 21:19

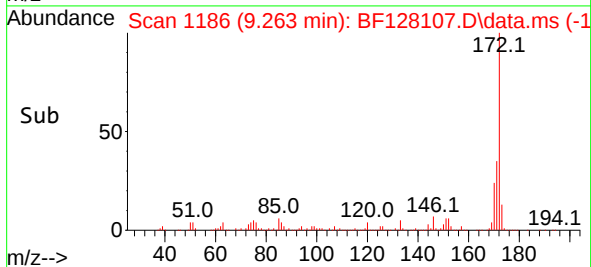
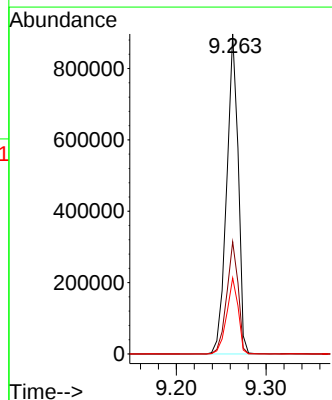
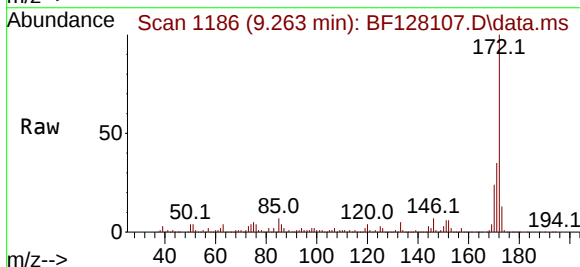
Tgt Ion:172 Resp: 800733

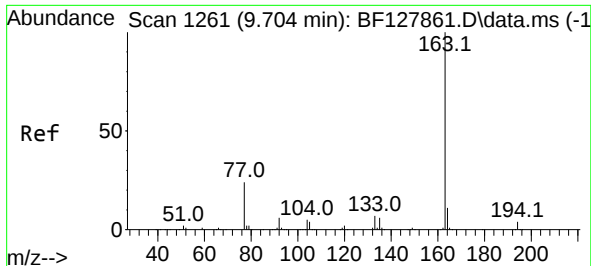
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.8 19.1 28.7

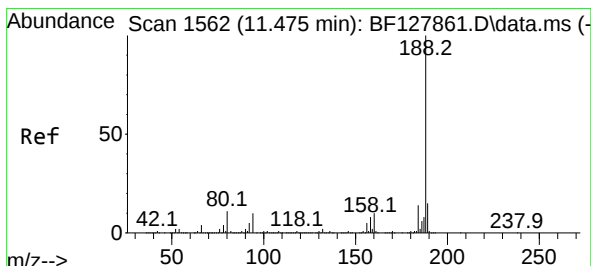
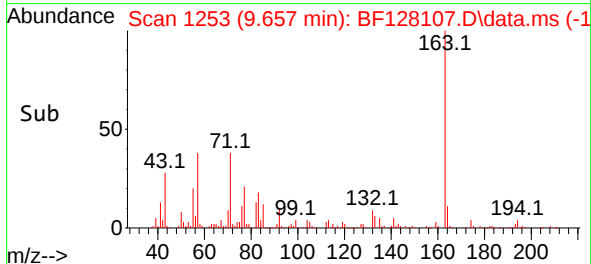
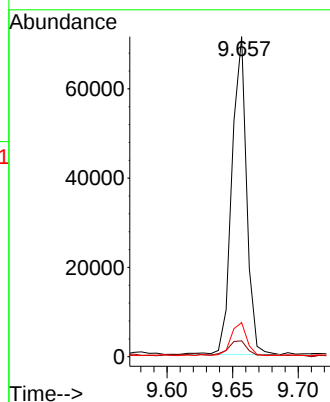
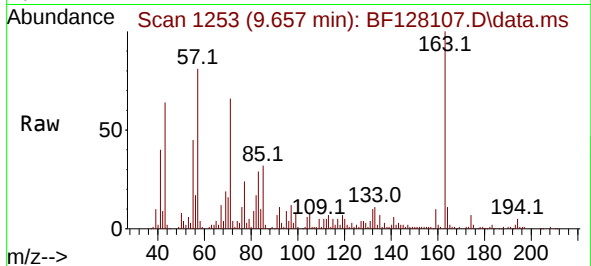




#50
Dimethylphthalate
Concen: 4.222 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

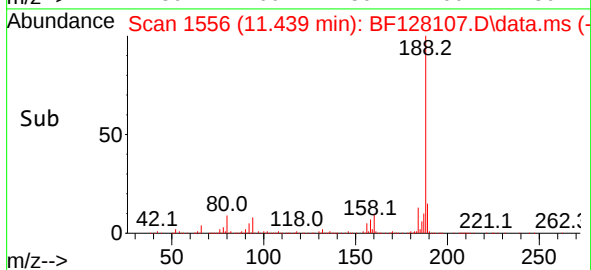
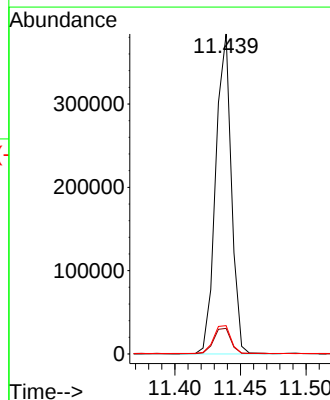
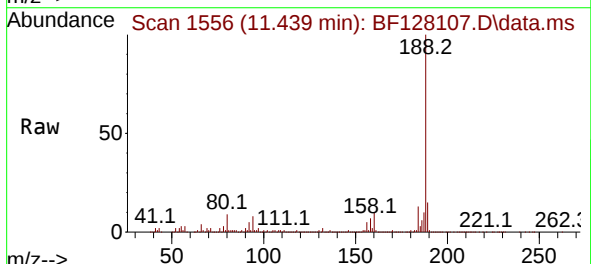
Instrument :
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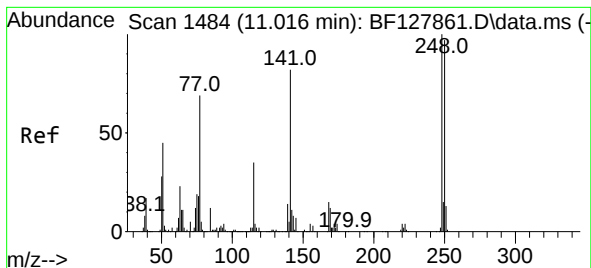
Tgt Ion:163 Resp: 55664
Ion Ratio Lower Upper
163 100
194 4.9 3.1 4.7#
164 10.7 8.6 13.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

Tgt Ion:188 Resp: 319425
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 8.8 8.9 13.3#

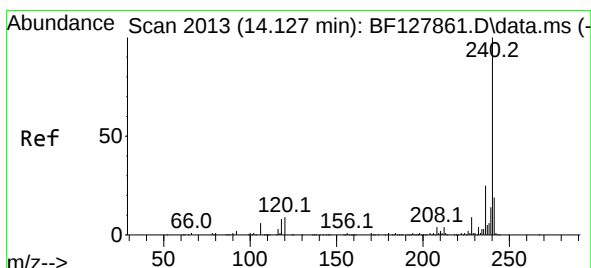
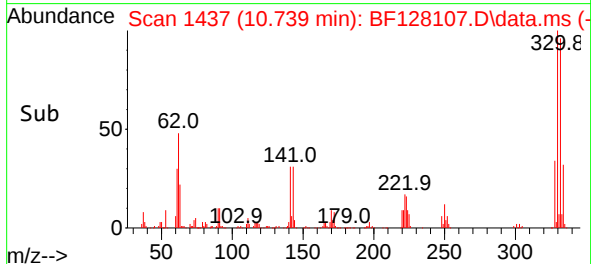
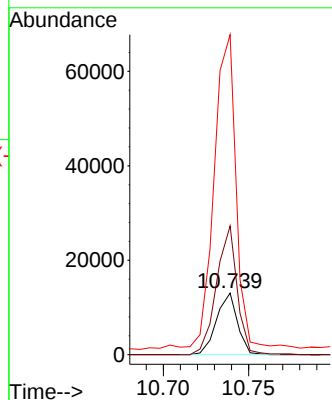
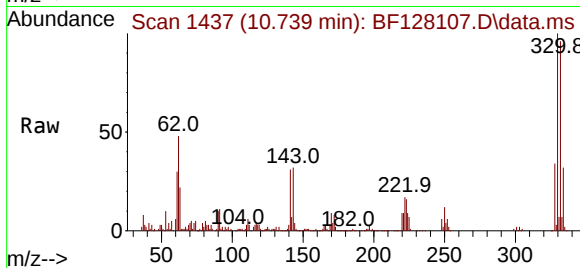




#67
4-Bromophenyl-phenylether
Concen: 3.152 ng
RT: 10.739 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

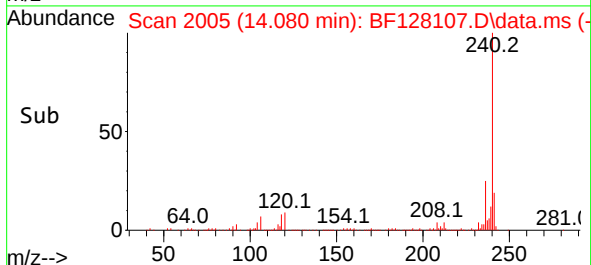
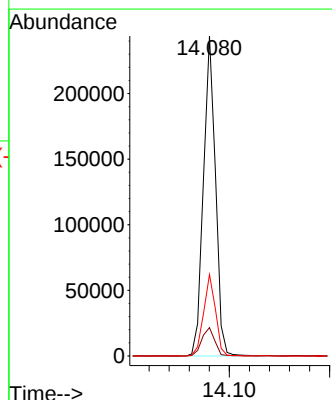
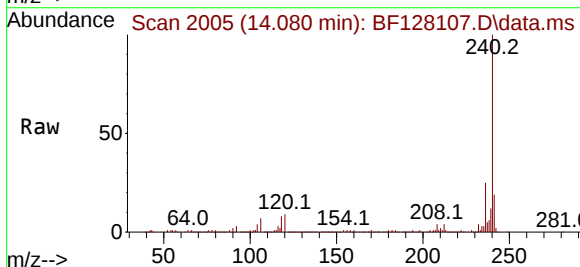
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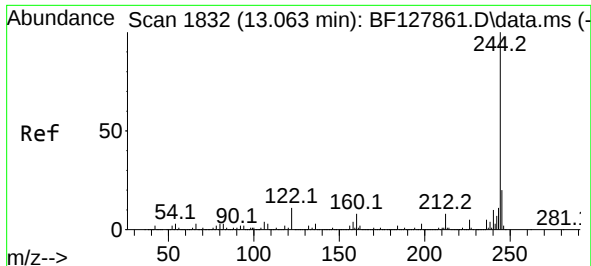
Tgt Ion:248 Resp: 11163
Ion Ratio Lower Upper
248 100
250 209.0 77.7 116.5#
141 519.4 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128107.D
Acq: 05 May 2022 21:19

Tgt Ion:240 Resp: 204656
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.4 20.3 30.5

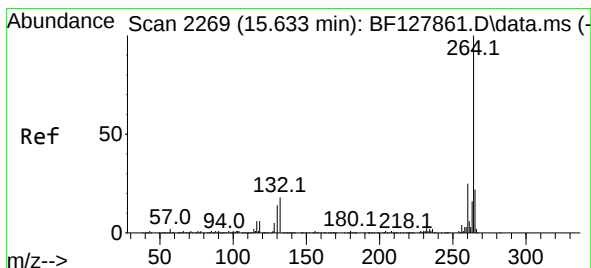
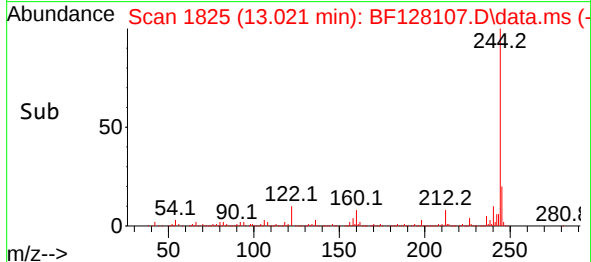
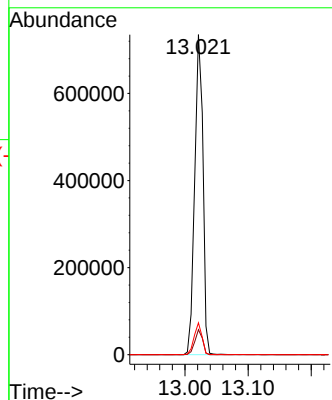
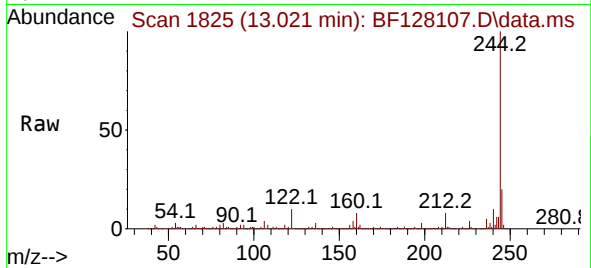




#79
 Terphenyl-d14
 Concen: 59.120 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF128107.D
 Acq: 05 May 2022 21:19

Instrument :
 BNA_F
 ClientSampleId :
 05

Tgt Ion:244 Resp: 661680
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128107.D
 Acq: 05 May 2022 21:19

Tgt Ion:264 Resp: 201287
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 22.3 17.5 26.3

