

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130062.D
 Acq On : 31 Aug 2022 21:08
 Operator : CG\JU
 Sample : PB147308BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147308BL

Quant Time: Sep 01 03:31:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	270423	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	1119620	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	600103	20.000	ng	-0.01
64) Phenanthrene-d10	11.215	188	1025467	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	736966	20.000	ng	#-0.01
86) Perylene-d12	15.245	264	585175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	2109272	132.415	ng	0.02
7) Phenol-d6	6.339	99	2620644	131.961	ng	0.00
23) Nitrobenzene-d5	7.269	82	1623966	93.216	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	773873	141.667	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2891272	79.880	ng	0.00
79) Terphenyl-d14	12.809	244	3232752	76.068	ng	0.00

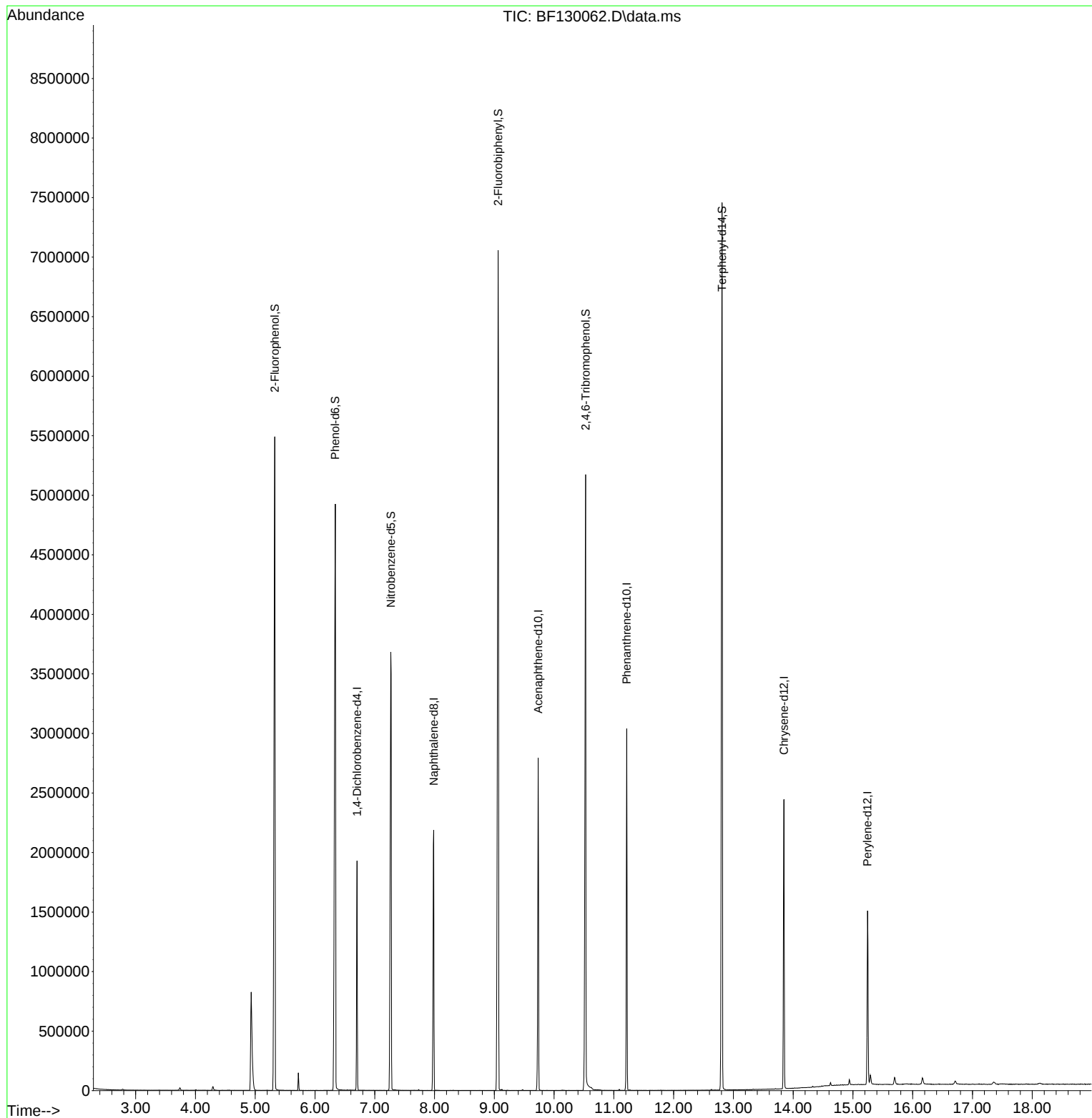
Target Compounds	Qvalue

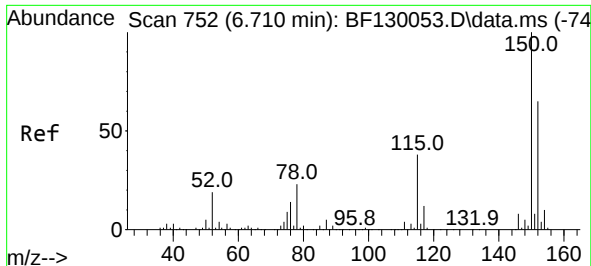
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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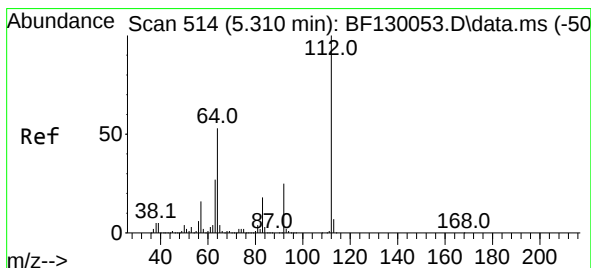
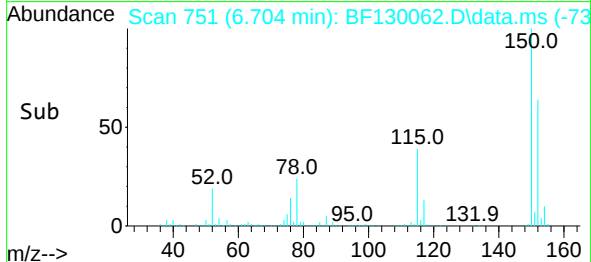
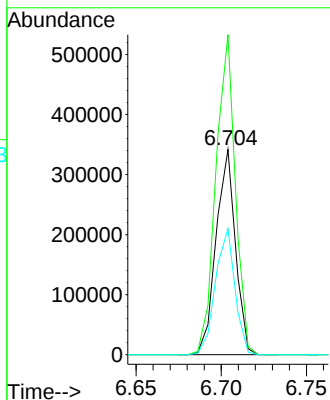
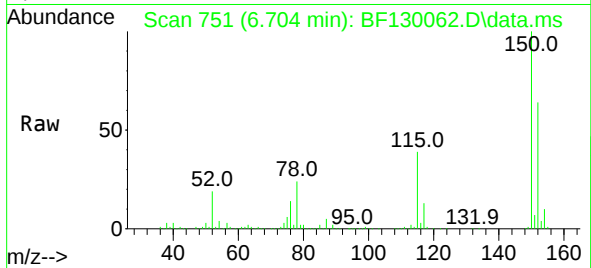




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

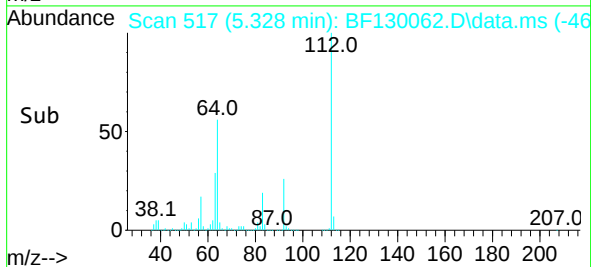
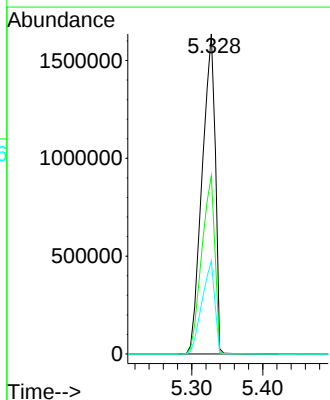
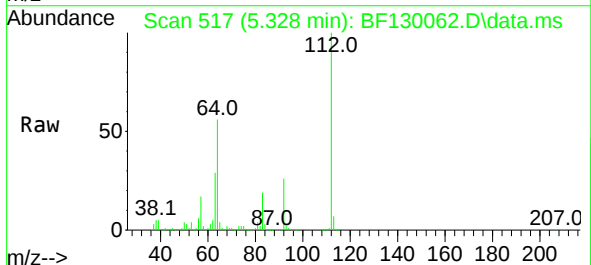
Instrument :
BNA_F
ClientSampleId :
PB147308BL

Tgt Ion:152 Resp: 270423
Ion Ratio Lower Upper
152 100
150 156.0 126.9 190.3
115 61.5 53.4 80.0



#5
2-Fluorophenol
Concen: 132.415 ng
RT: 5.328 min Scan# 517
Delta R.T. 0.017 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion:112 Resp: 2109272
Ion Ratio Lower Upper
112 100
64 55.7 47.6 71.4
63 29.1 24.6 37.0



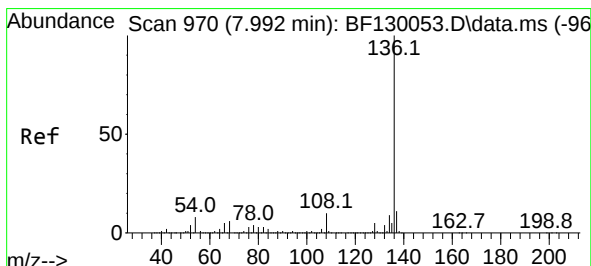
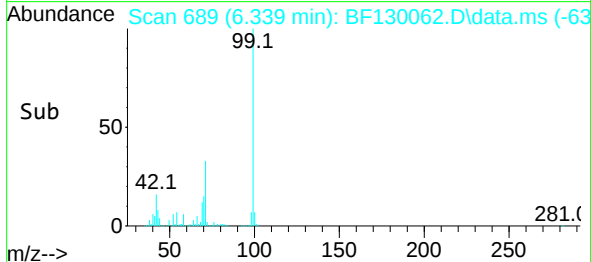
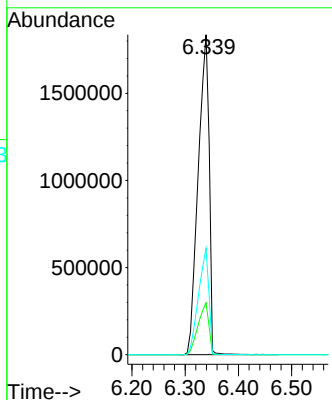
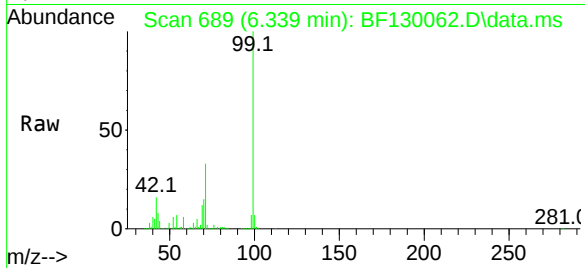


#7
Phenol-d6
Concen: 131.961 ng
RT: 6.339 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Instrument :
BNA_F
ClientSampleId :
PB147308BL

Tgt Ion: 99 Resp: 2620644

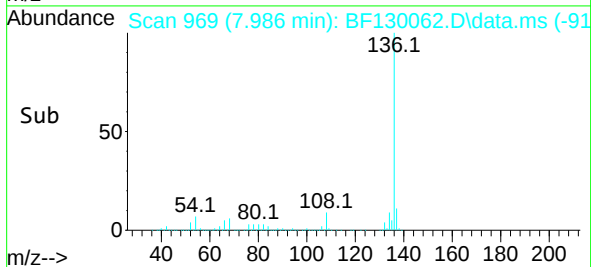
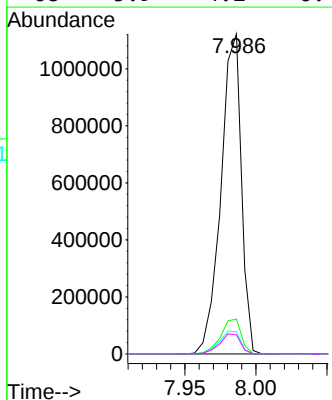
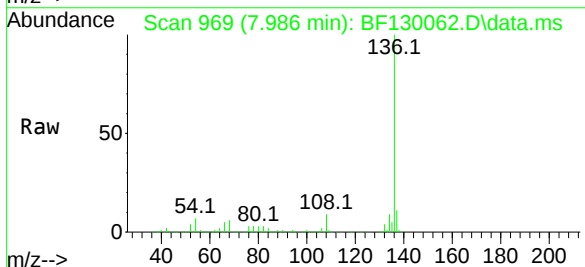
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.4
71	33.2	28.8	43.2

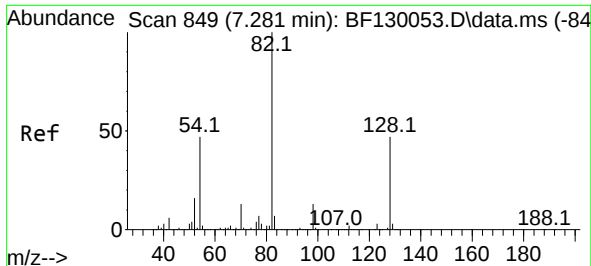


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion: 136 Resp: 1119620

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.9	6.2	9.2
68	5.9	4.2	6.4





#23

Nitrobenzene-d5

Concen: 93.216 ng

RT: 7.269 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

Instrument :

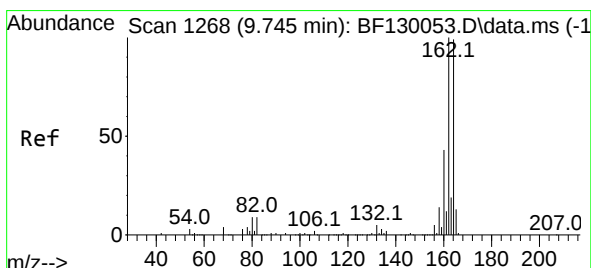
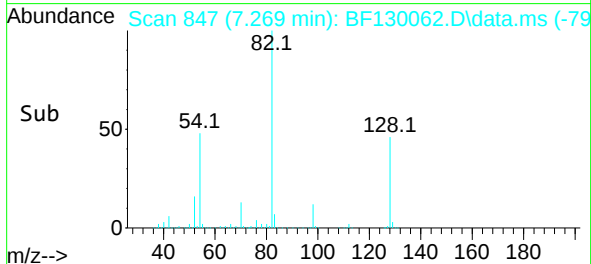
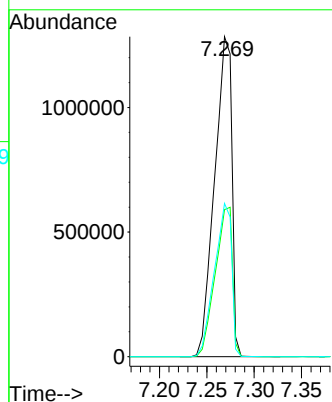
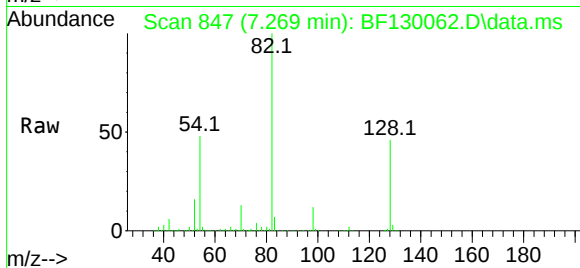
BNA_F

ClientSampleId :

PB147308BL

Tgt Ion: 82 Resp: 1623966

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	47.9	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

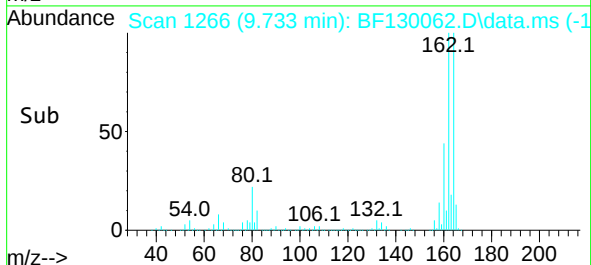
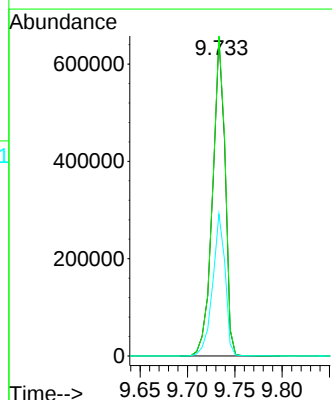
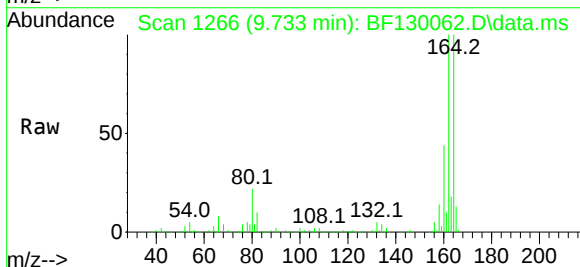
Delta R.T. -0.012 min

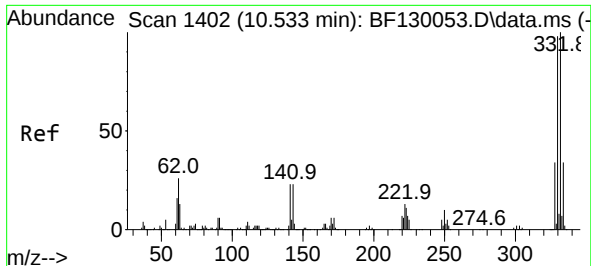
Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

Tgt Ion: 164 Resp: 600103

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.0	123.0
160	44.6	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 141.667 ng

RT: 10.527 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130062.D

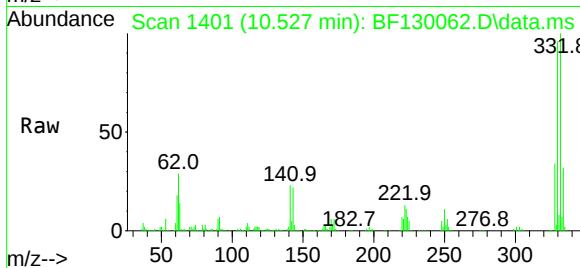
Acq: 31 Aug 2022 21:08

Instrument :

BNA_F

ClientSampleId :

PB147308BL



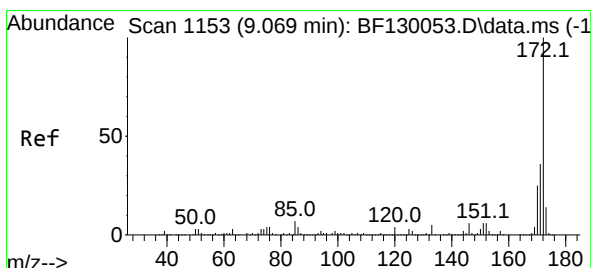
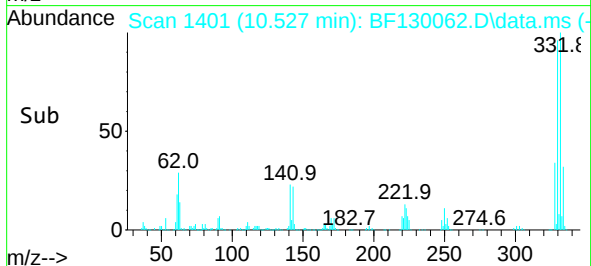
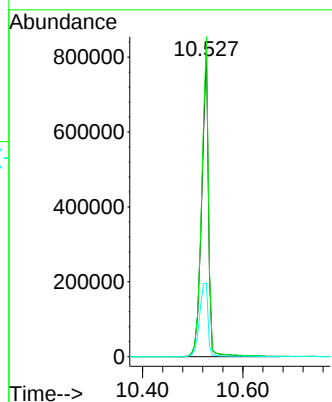
Tgt Ion:330 Resp: 773873

Ion Ratio Lower Upper

330 100

332 104.3 82.6 124.0

141 30.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 79.880 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130062.D

Acq: 31 Aug 2022 21:08

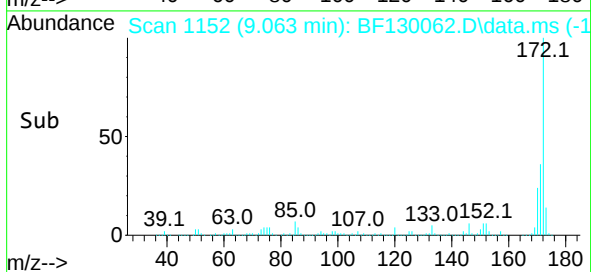
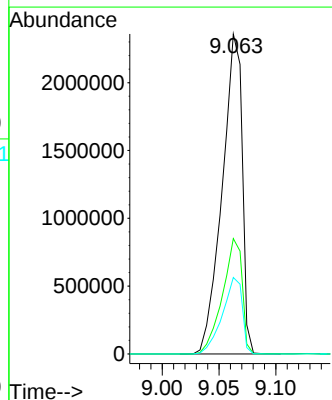
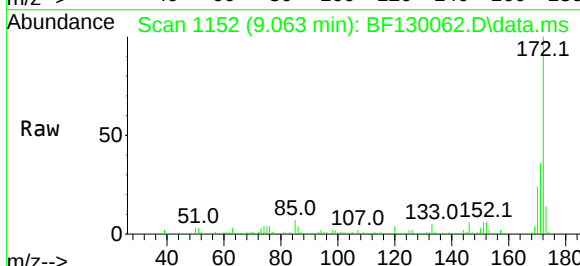
Tgt Ion:172 Resp: 2891272

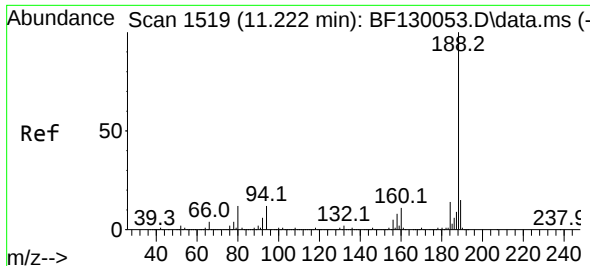
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 23.9 19.1 28.7

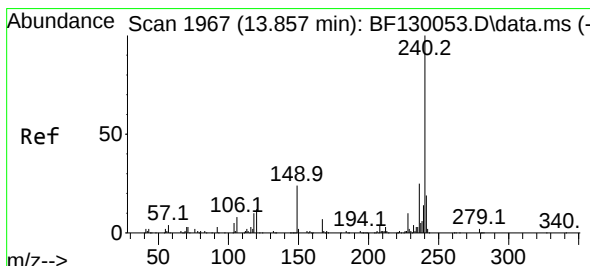
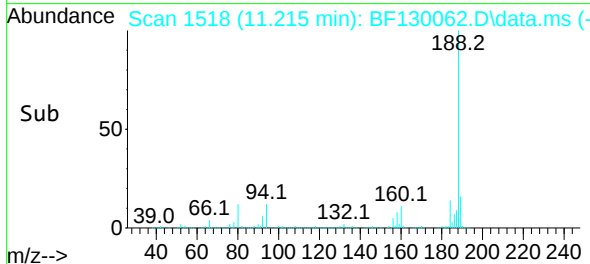
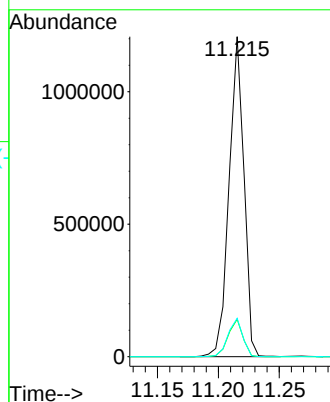
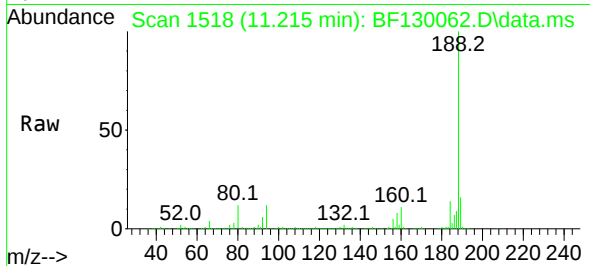




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.215 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

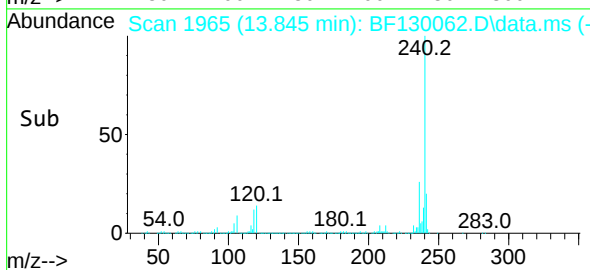
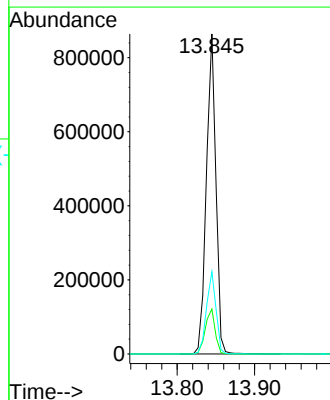
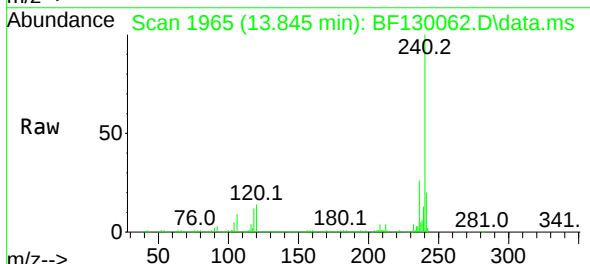
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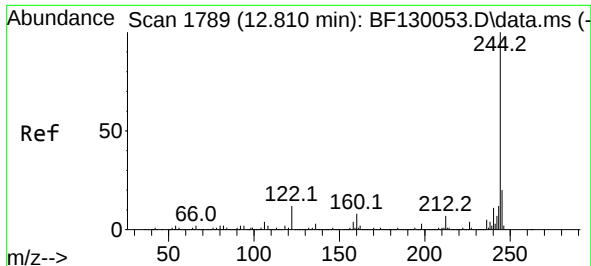
Tgt Ion:188 Resp: 1025467
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130062.D
Acq: 31 Aug 2022 21:08

Tgt Ion:240 Resp: 736966
Ion Ratio Lower Upper
240 100
120 14.0 9.2 13.8#
236 25.7 20.7 31.1

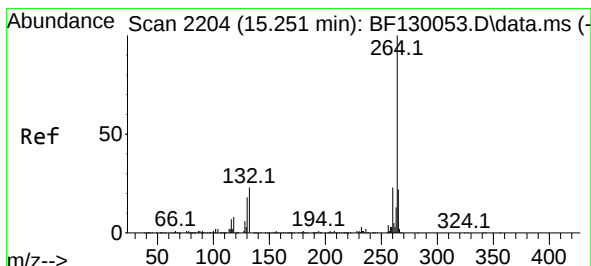
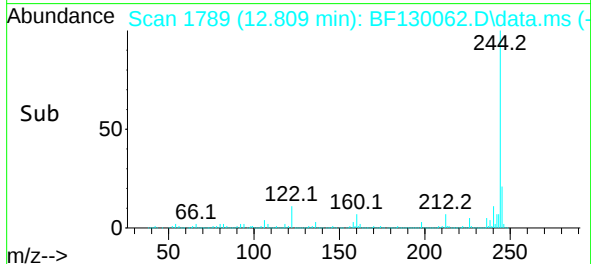
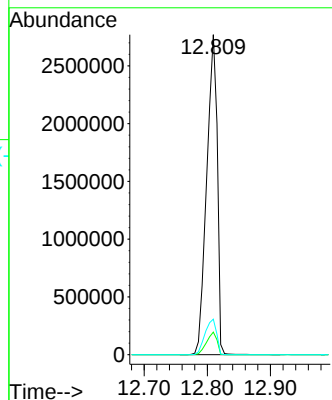
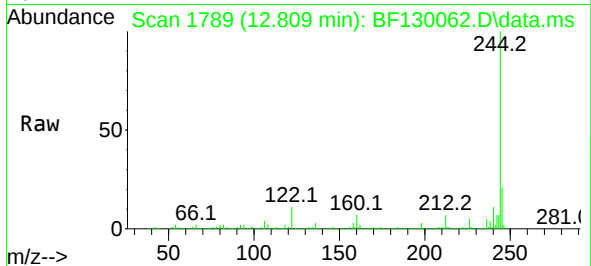




#79
 Terphenyl-d14
 Concen: 76.068 ng
 RT: 12.809 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF130062.D
 Acq: 31 Aug 2022 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB147308BL

Tgt Ion:244 Resp: 3232752
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130062.D
 Acq: 31 Aug 2022 21:08

Tgt Ion:264 Resp: 585175
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.0 16.7 25.1

