

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
 Data File : BF131089.D
 Acq On : 09 Nov 2022 16:20
 Operator : CG\JU
 Sample : PB148881BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148881BL

Quant Time: Nov 10 04:30:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 04:15:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	94973	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	328131	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	211873	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	392296	20.000	ng	0.00
76) Chrysene-d12	14.074	240	318986	20.000	ng	0.00
86) Perylene-d12	15.568	264	235385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	676490	121.134	ng	0.02
7) Phenol-d6	6.522	99	760924	104.219	ng	0.00
23) Nitrobenzene-d5	7.457	82	592696	81.497	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	256667	117.218	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1070704	70.546	ng	0.00
79) Terphenyl-d14	13.015	244	1224856	67.325	ng	0.00

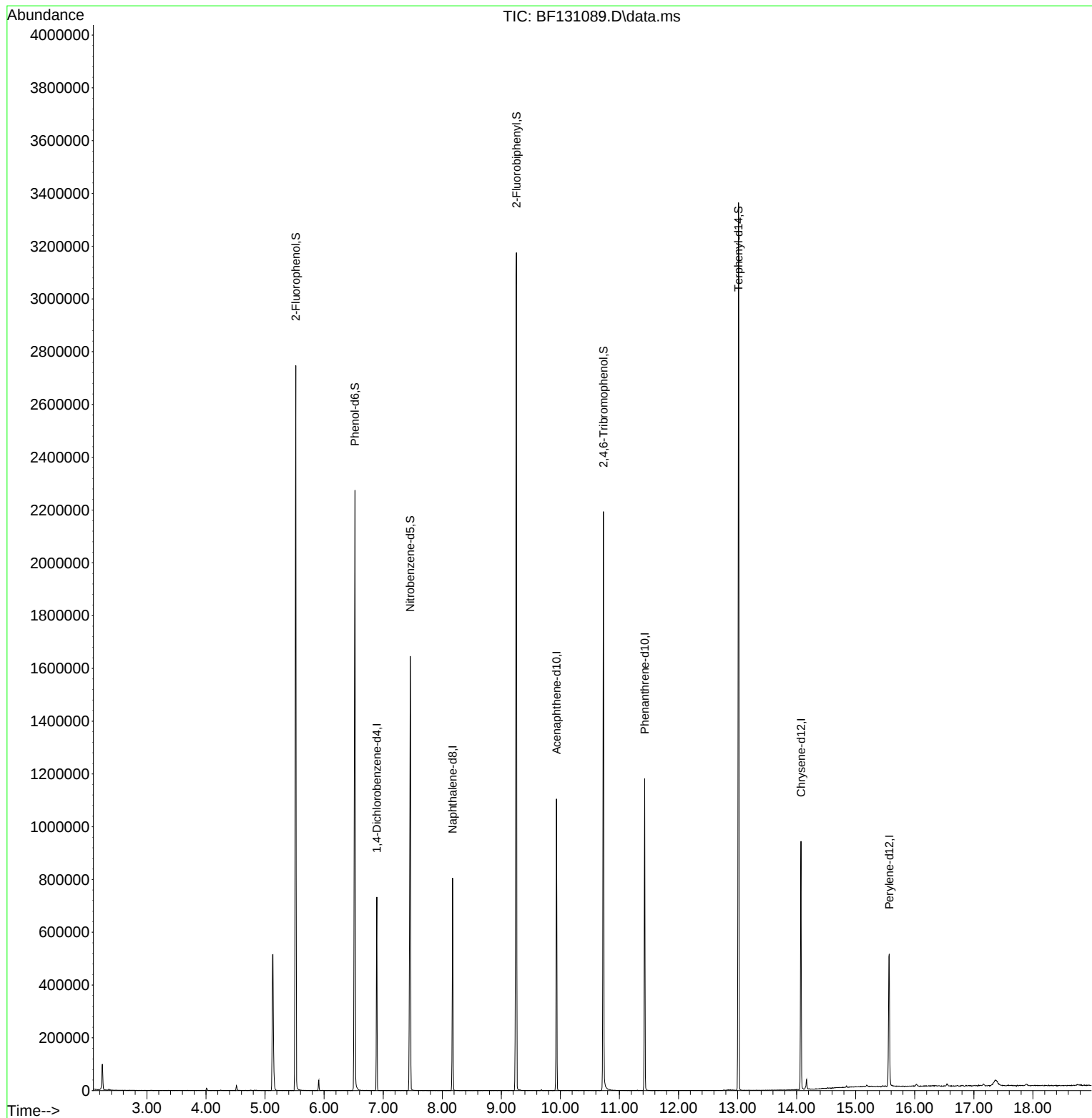
Target Compounds	Qvalue

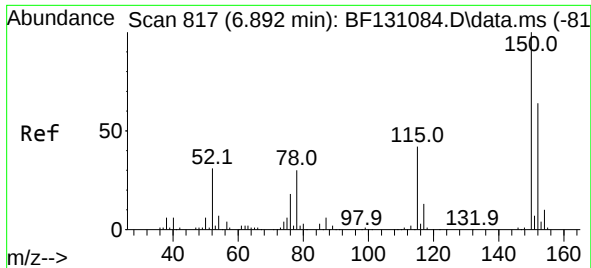
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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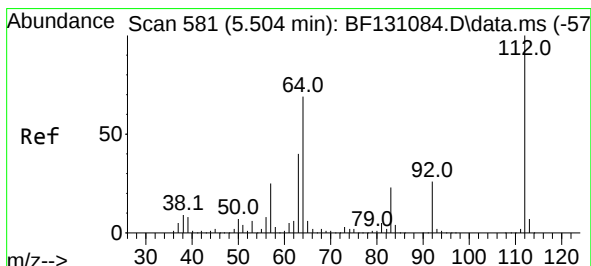
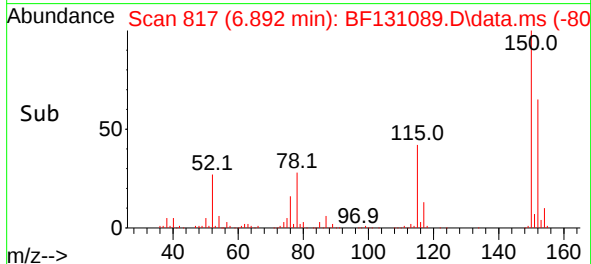
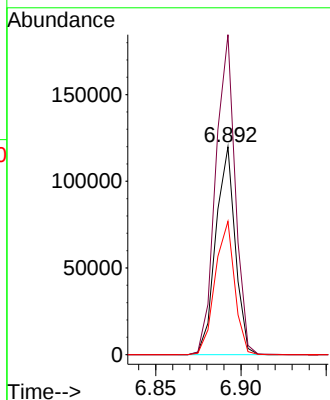
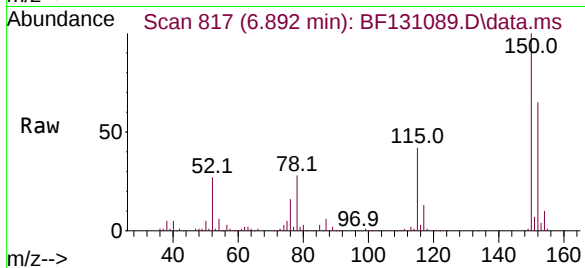




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

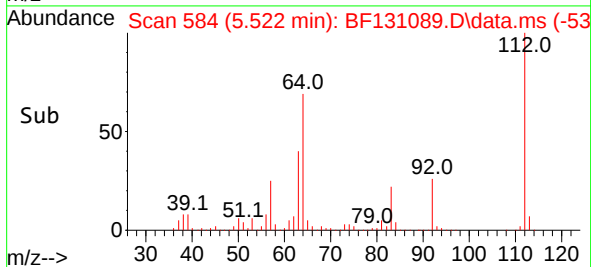
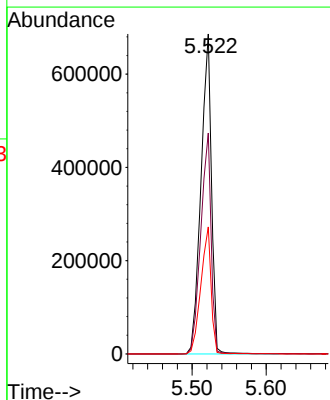
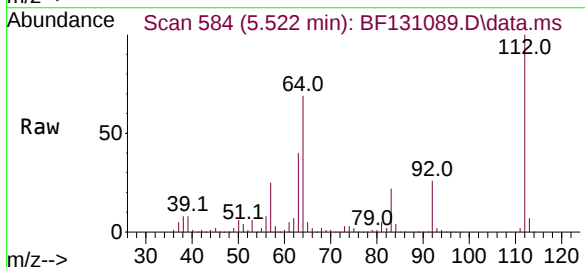
Instrument :
BNA_F
ClientSampleId :
PB148881BL

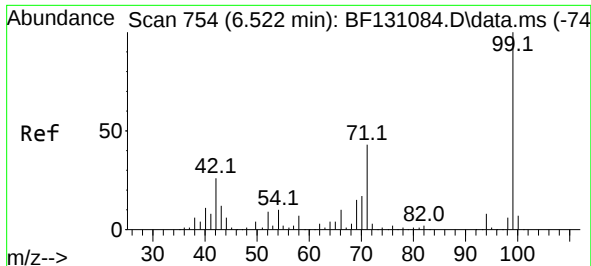
Tgt Ion:152 Resp: 94973
Ion Ratio Lower Upper
152 100
150 154.1 125.5 188.3
115 64.1 52.2 78.2



#5
2-Fluorophenol
Concen: 121.134 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion:112 Resp: 676490
Ion Ratio Lower Upper
112 100
64 69.0 55.1 82.7
63 39.7 32.4 48.6

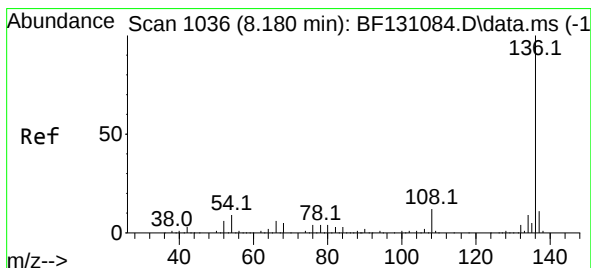
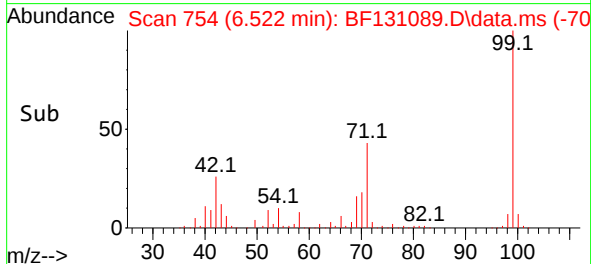
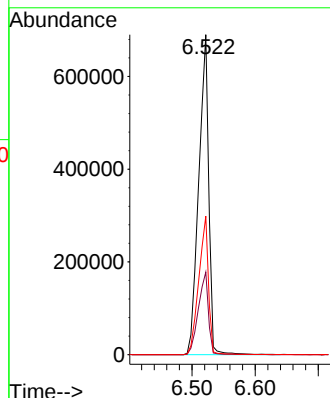
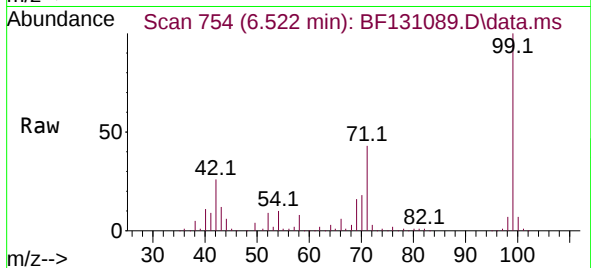




#7
Phenol-d6
Concen: 104.219 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

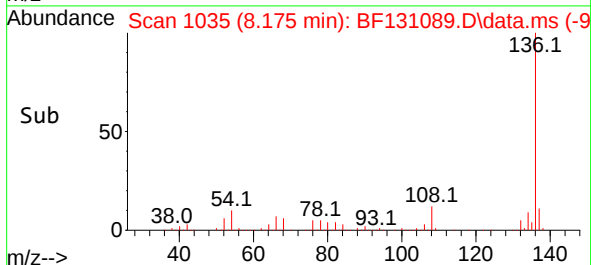
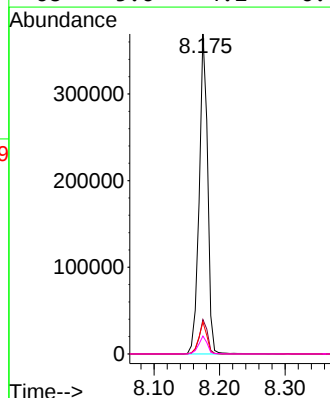
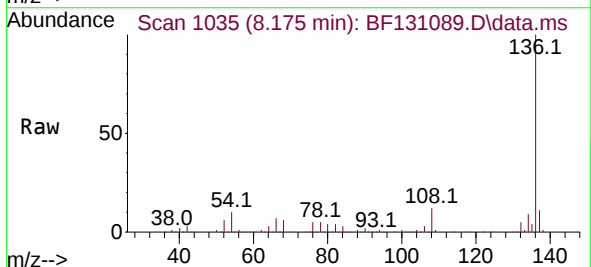
Instrument :
BNA_F
ClientSampleId :
PB148881BL

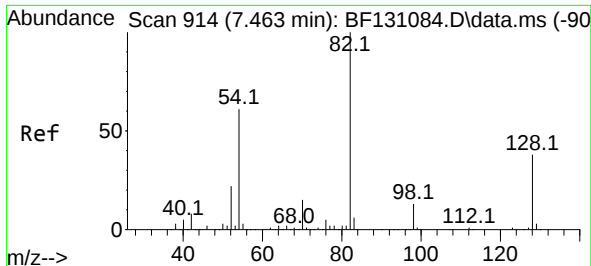
Tgt Ion: 99 Resp: 760924
Ion Ratio Lower Upper
99 100
42 25.8 20.8 31.2
71 43.3 34.2 51.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.005 min
Lab File: BF131089.D
Acq: 09 Nov 2022 16:20

Tgt Ion:136 Resp: 328131
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.9 7.2 10.8
68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 81.497 ng

RT: 7.457 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB148881BL

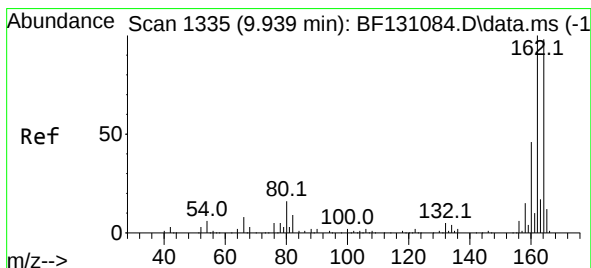
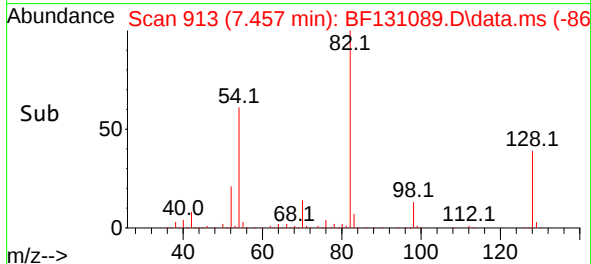
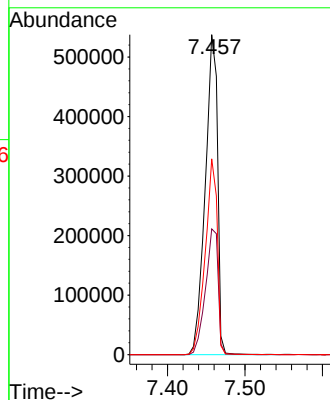
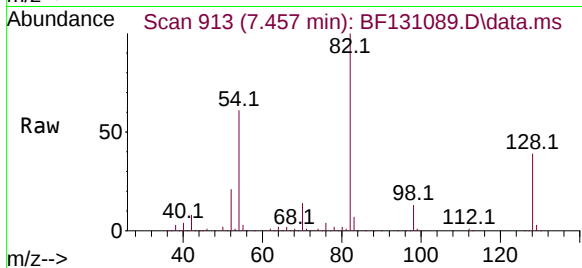
Tgt Ion: 82 Resp: 592696

Ion Ratio Lower Upper

82 100

128 39.3 30.5 45.7

54 61.2 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

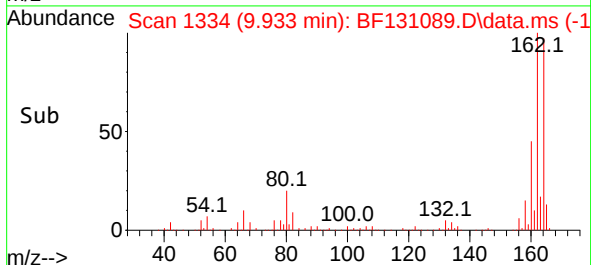
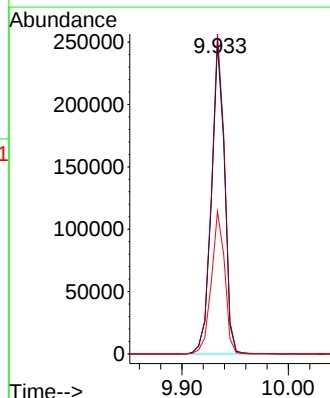
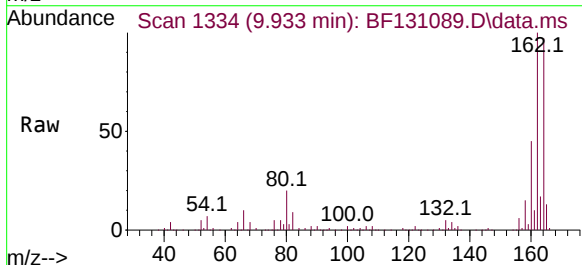
Tgt Ion:164 Resp: 211873

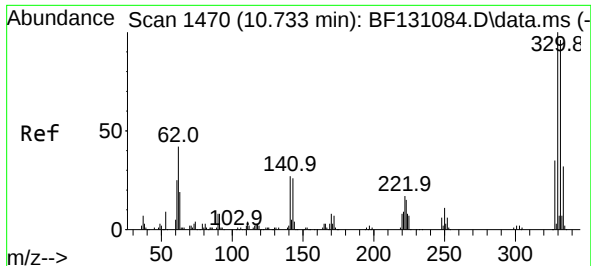
Ion Ratio Lower Upper

164 100

162 103.1 81.7 122.5

160 45.9 37.4 56.2





#42

2,4,6-Tribromophenol

Concen: 117.218 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB148881BL

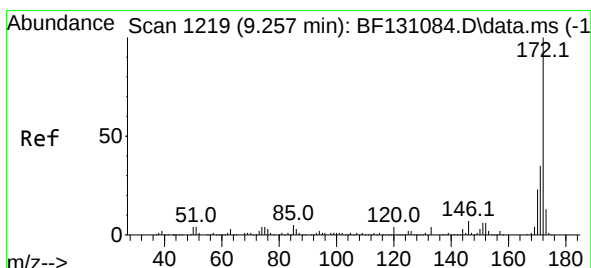
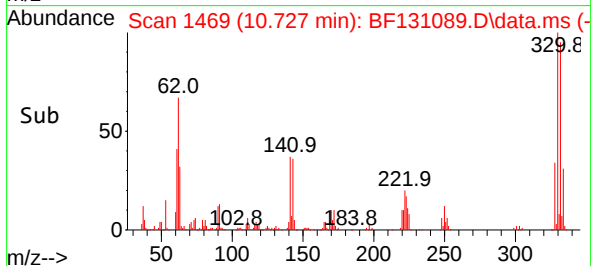
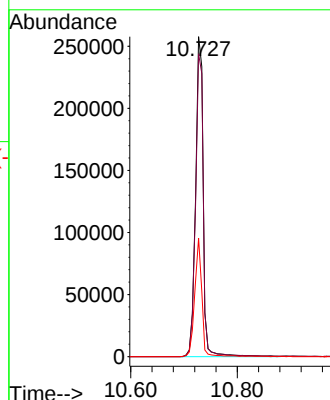
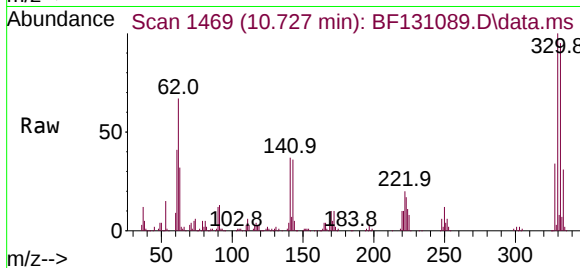
Tgt Ion:330 Resp: 256667

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 34.4 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 70.546 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

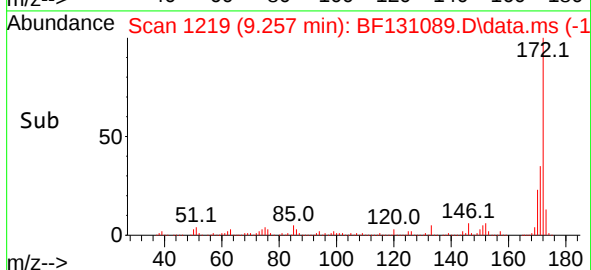
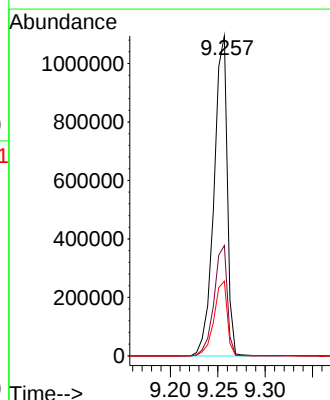
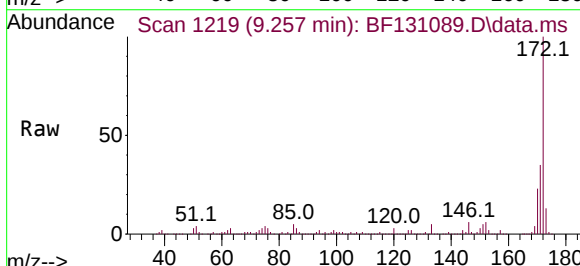
Tgt Ion:172 Resp: 1070704

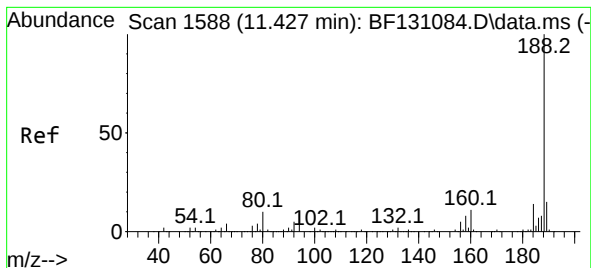
Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB148881BL

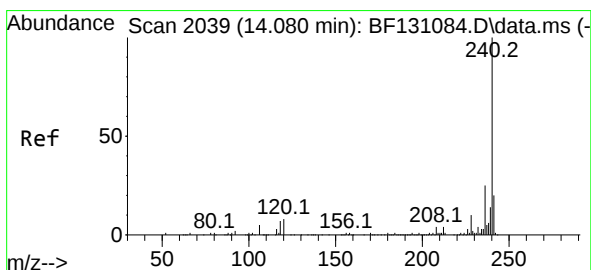
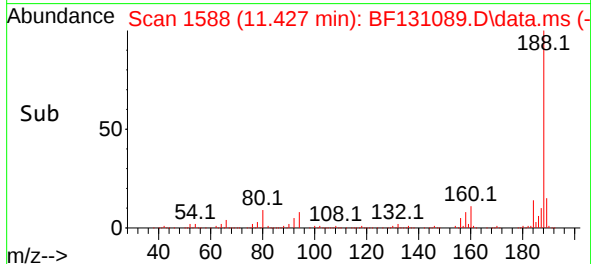
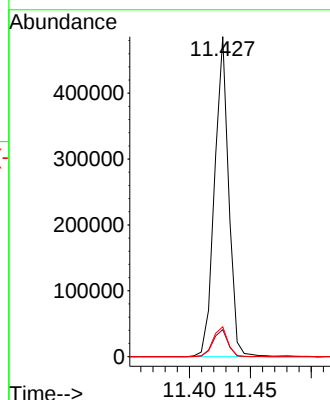
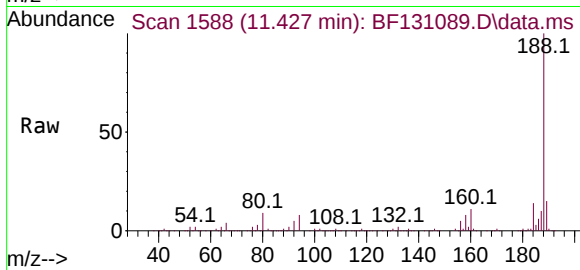
Tgt Ion:188 Resp: 392296

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.3 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF131089.D

Acq: 09 Nov 2022 16:20

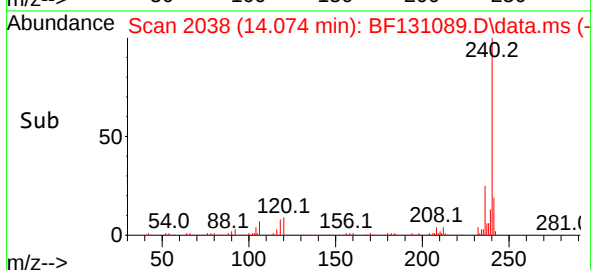
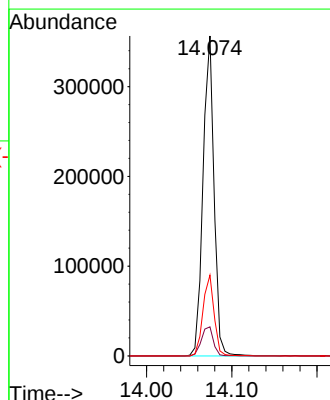
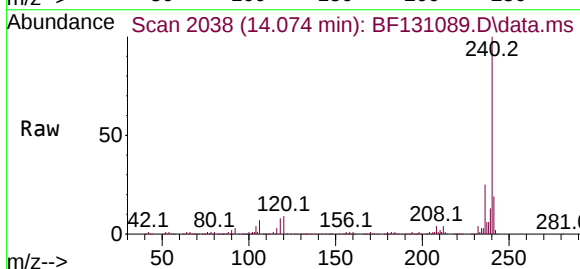
Tgt Ion:240 Resp: 318986

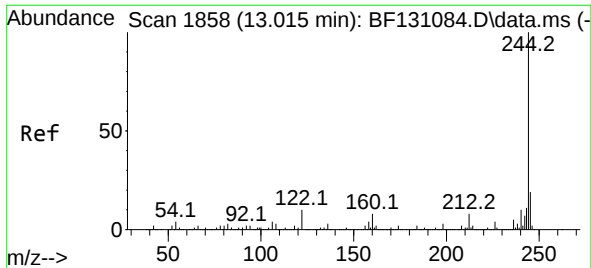
Ion Ratio Lower Upper

240 100

120 9.1 6.5 9.7

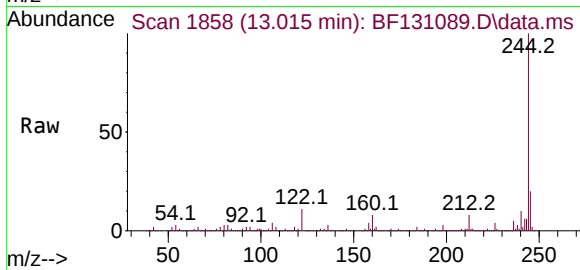
236 25.2 19.7 29.5





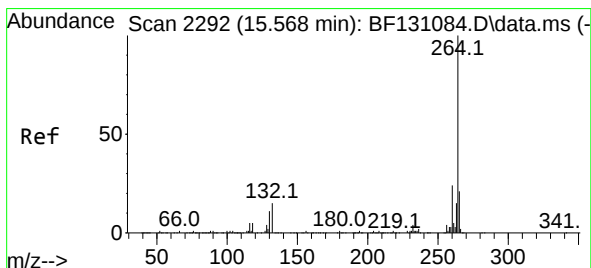
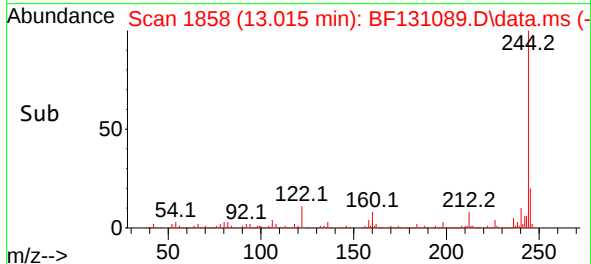
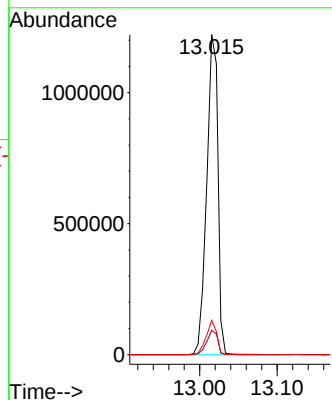
#79
 Terphenyl-d14
 Concen: 67.325 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1224856

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.7	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF131089.D
 Acq: 09 Nov 2022 16:20

Tgt Ion:264 Resp: 235385

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.1	16.7	25.1

