

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131671.D
 Acq On : 16 Dec 2022 17:38
 Operator : CG\JU
 Sample : N6037-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(7-9)

Quant Time: Dec 17 03:56:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65087	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	228412	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	128492	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	250384	20.000	ng	0.00
76) Chrysene-d12	14.080	240	165853	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	150002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	412010	105.605	ng	0.00
7) Phenol-d6	6.510	99	524550	102.601	ng	0.00
23) Nitrobenzene-d5	7.445	82	358876	59.401	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	136650	95.721	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	603625	59.233	ng	0.00
79) Terphenyl-d14	13.021	244	752455	62.219	ng	0.00

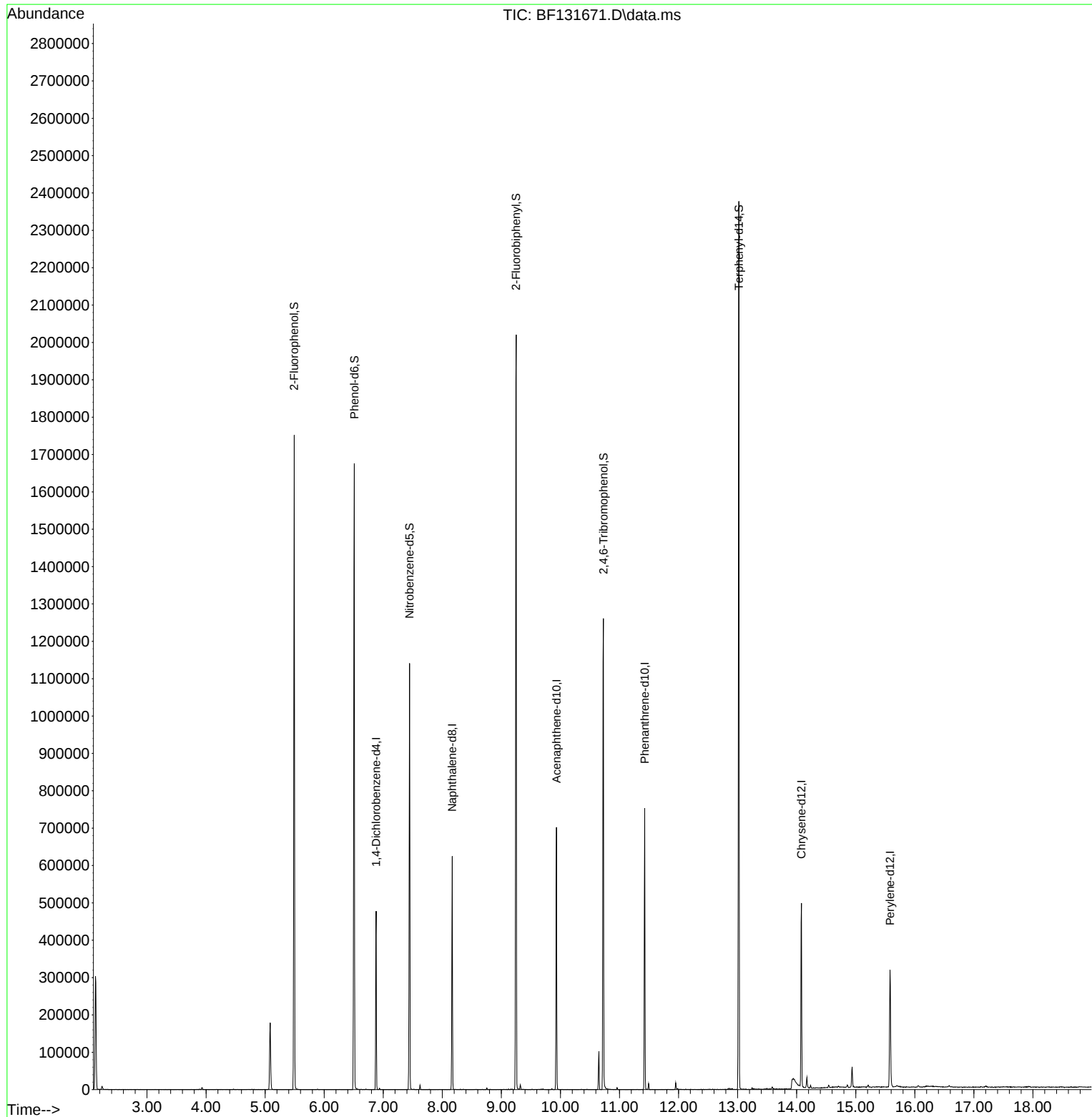
Target Compounds	Qvalue

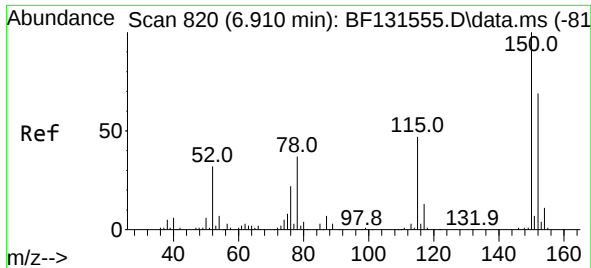
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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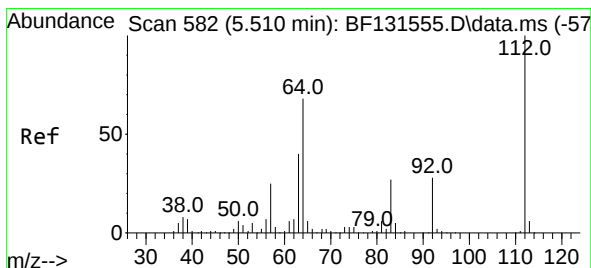
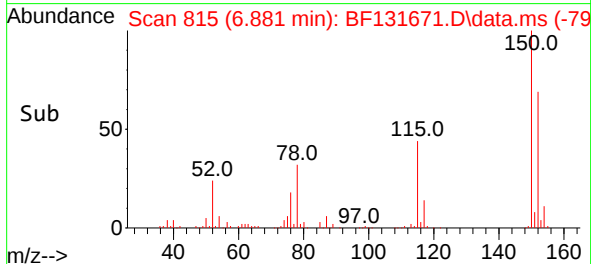
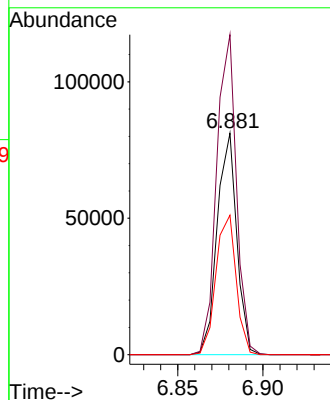
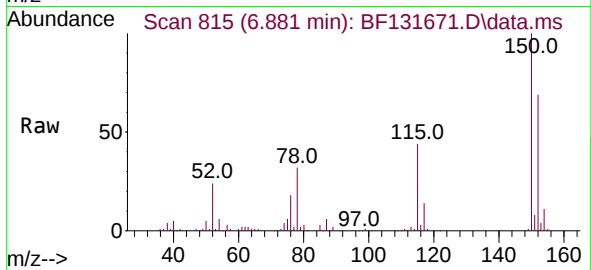




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

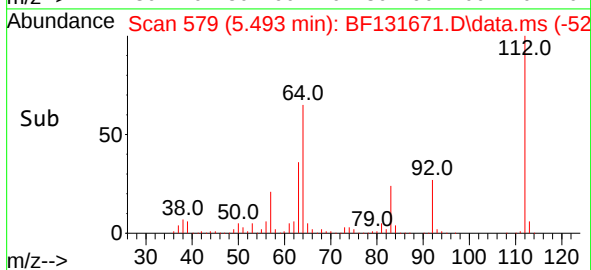
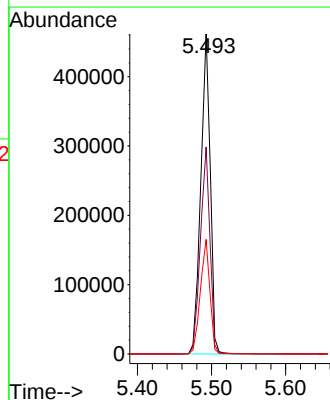
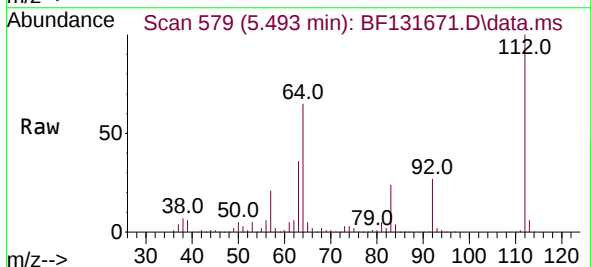
Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(7-9)

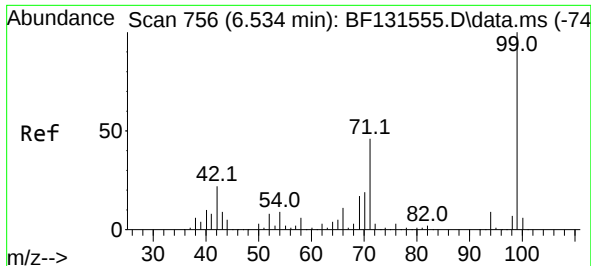
Tgt Ion:152 Resp: 65087
 Ion Ratio Lower Upper
 152 100
 150 144.5 116.7 175.1
 115 63.0 54.6 82.0



#5
 2-Fluorophenol
 Concen: 105.605 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

Tgt Ion:112 Resp: 412010
 Ion Ratio Lower Upper
 112 100
 64 64.7 54.5 81.7
 63 35.8 31.9 47.9

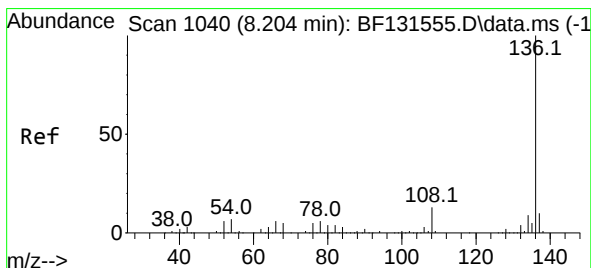
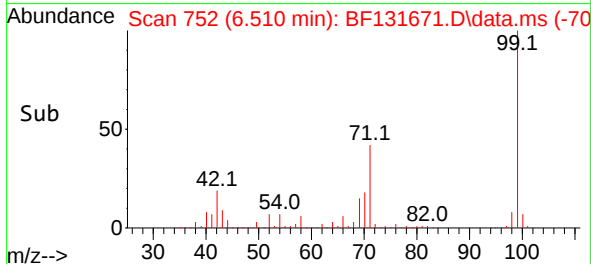
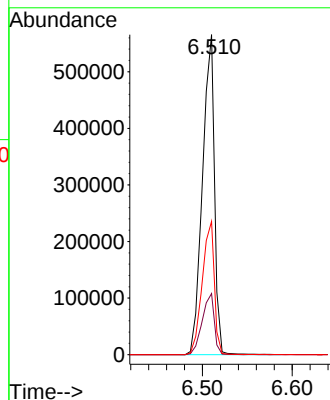
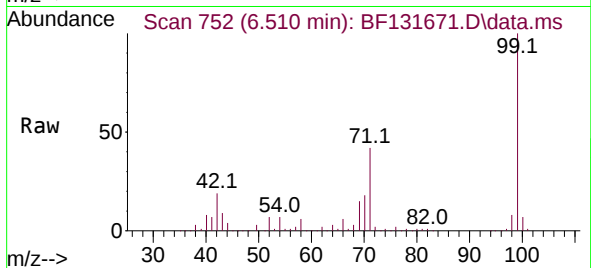




#7
Phenol-d6
Concen: 102.601 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

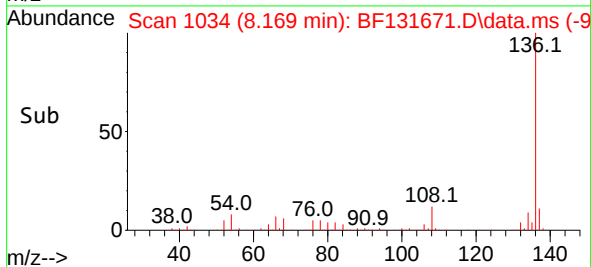
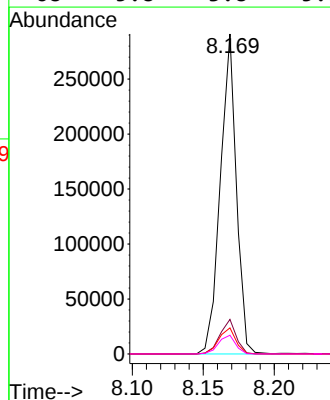
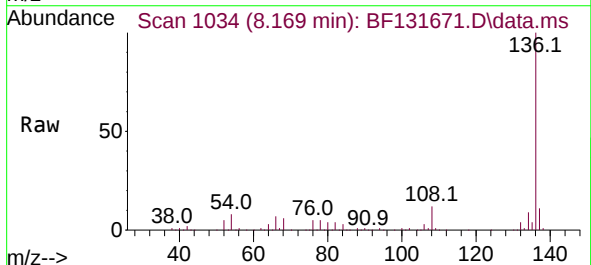
Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

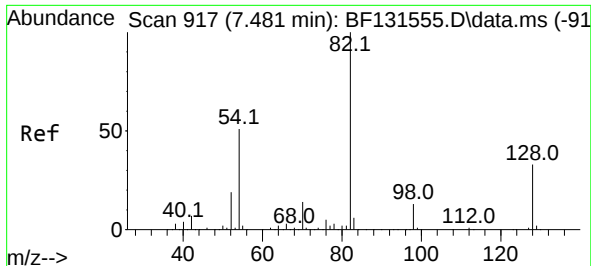
Tgt Ion: 99 Resp: 524550
Ion Ratio Lower Upper
99 100
42 19.1 17.9 26.9
71 41.7 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion: 136 Resp: 228412
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.1 6.0 9.0
68 5.8 3.8 5.8

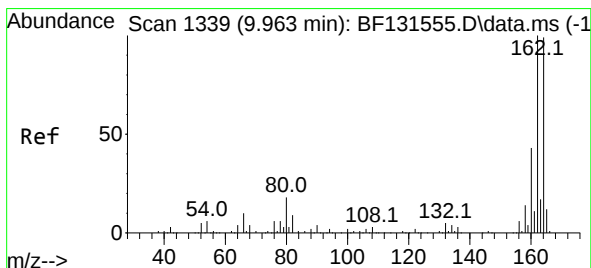
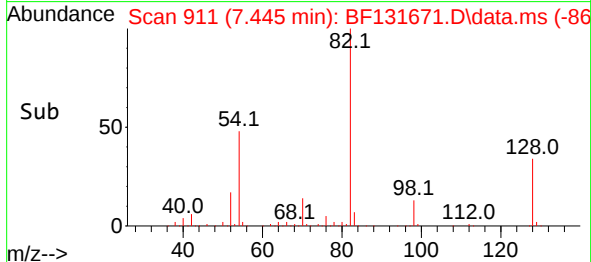
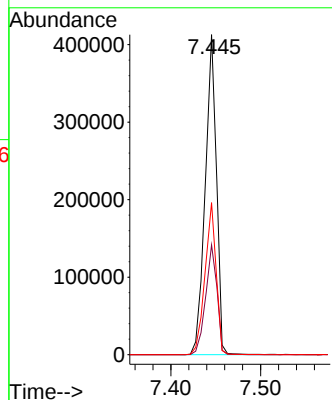
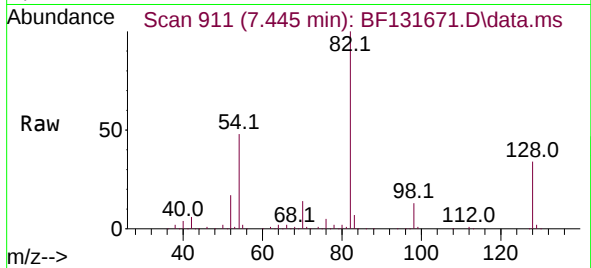




#23
Nitrobenzene-d5
Concen: 59.401 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

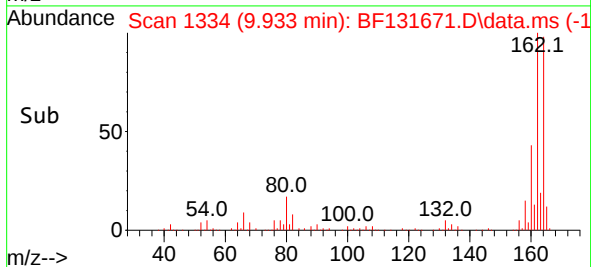
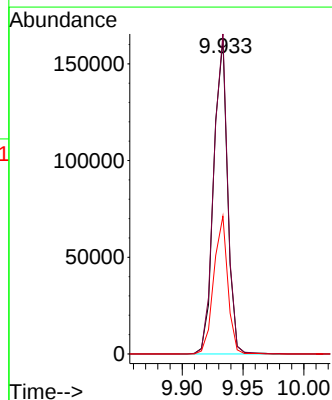
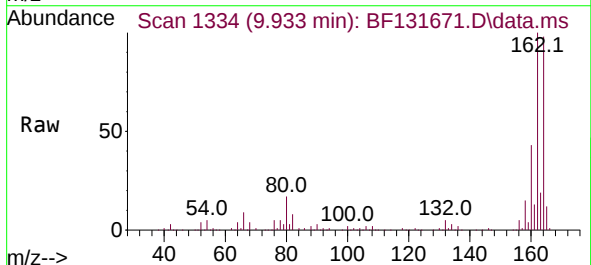
Instrument :
BNA_F
ClientSampleId :
RB-20-(7-9)

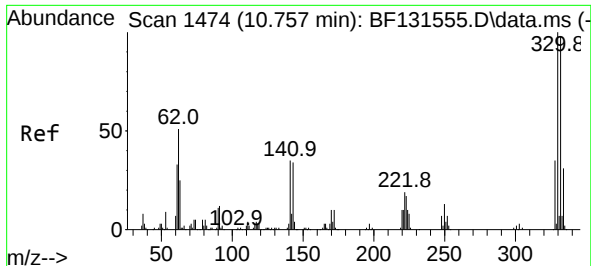
Tgt Ion: 82 Resp: 358876
Ion Ratio Lower Upper
82 100
128 34.3 26.1 39.1
54 47.5 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131671.D
Acq: 16 Dec 2022 17:38

Tgt Ion:164 Resp: 128492
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 43.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 95.721 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131671.D

Acq: 16 Dec 2022 17:38

Instrument :

BNA_F

ClientSampleId :

RB-20-(7-9)

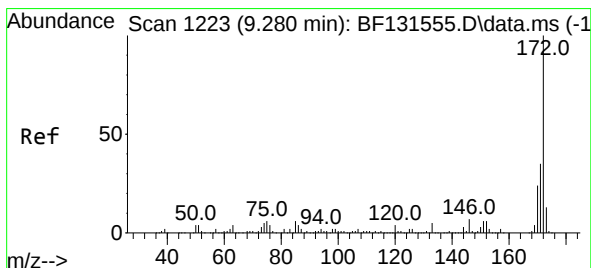
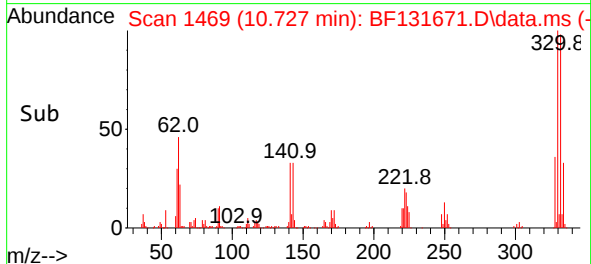
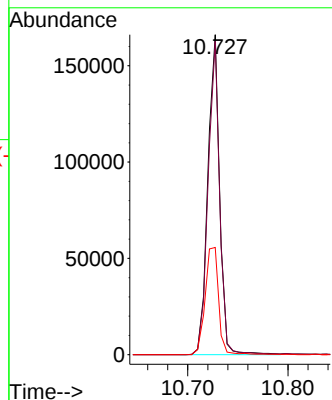
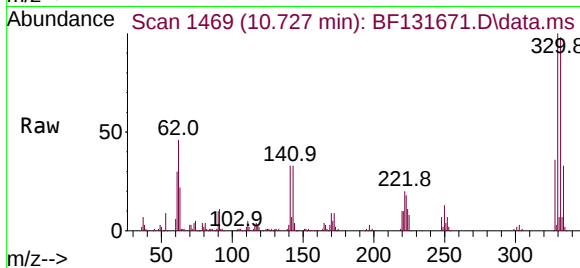
Tgt Ion:330 Resp: 136650

Ion Ratio Lower Upper

330 100

332 96.1 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 59.233 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131671.D

Acq: 16 Dec 2022 17:38

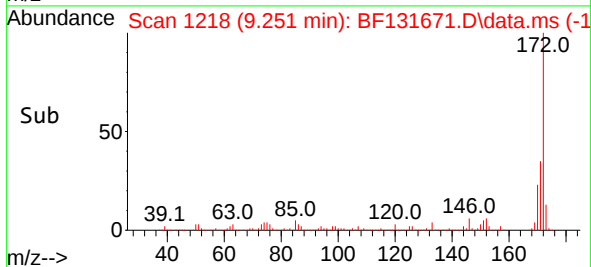
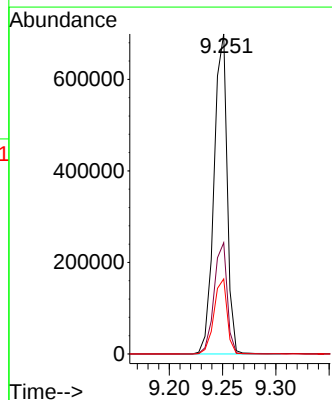
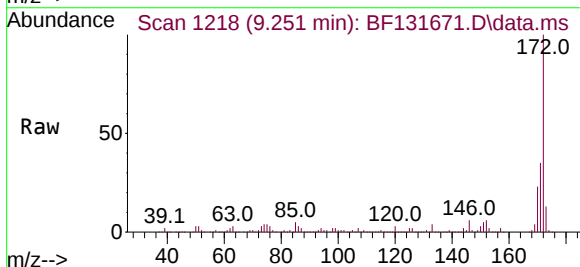
Tgt Ion:172 Resp: 603625

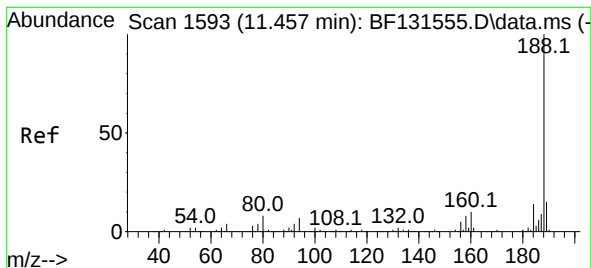
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131671.D

Acq: 16 Dec 2022 17:38

Instrument :

BNA_F

ClientSampleId :

RB-20-(7-9)

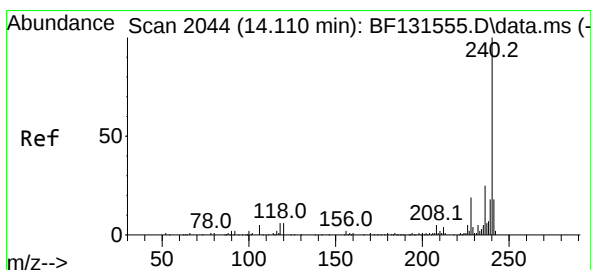
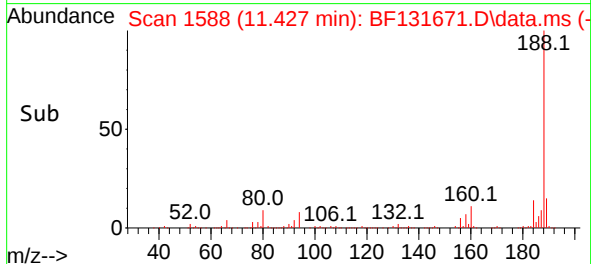
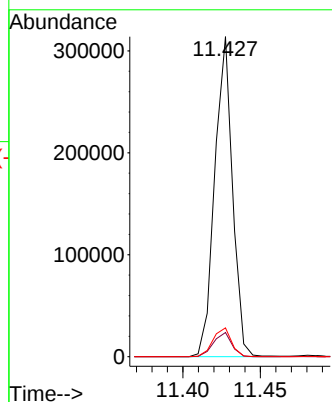
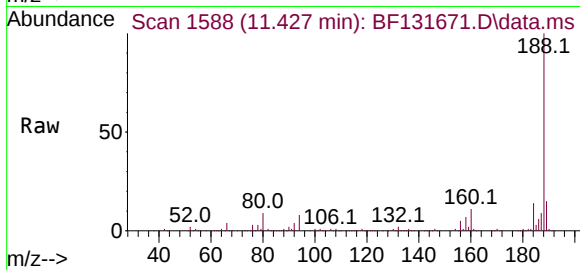
Tgt Ion:188 Resp: 250384

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 9.0 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131671.D

Acq: 16 Dec 2022 17:38

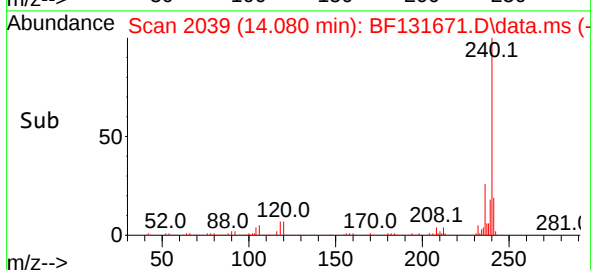
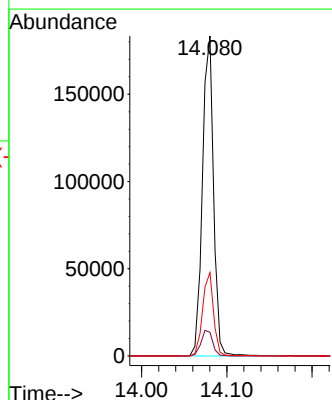
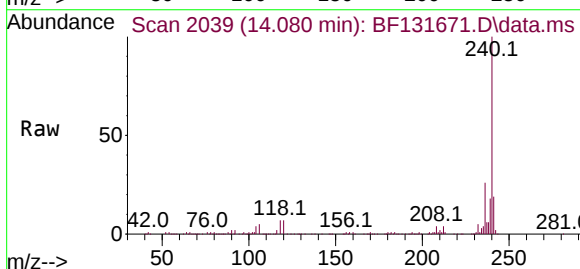
Tgt Ion:240 Resp: 165853

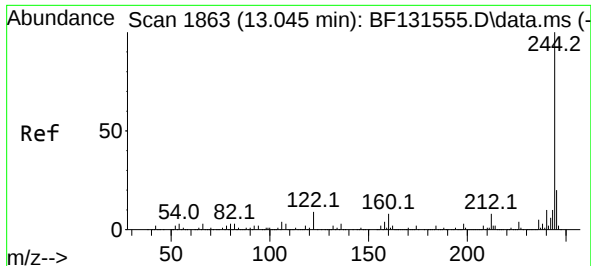
Ion Ratio Lower Upper

240 100

120 7.4 4.6 7.0#

236 26.1 20.2 30.2

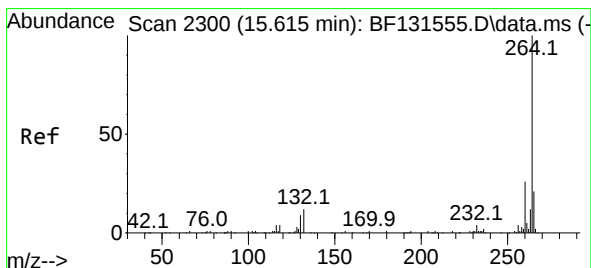
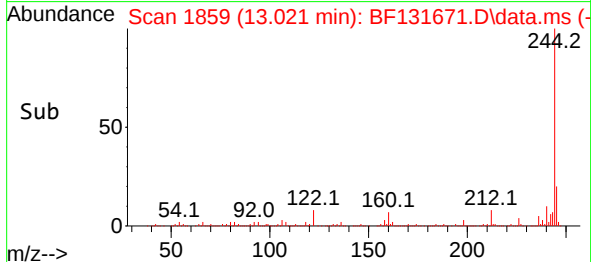
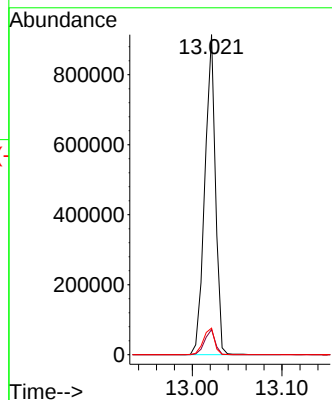
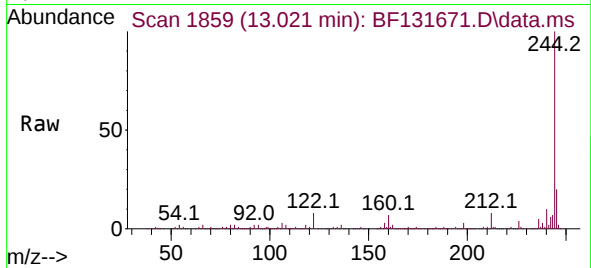




#79
 Terphenyl-d14
 Concen: 62.219 ng
 RT: 13.021 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

Instrument :
 BNA_F
 ClientSampleId :
 RB-20-(7-9)

Tgt Ion:244 Resp: 752455
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.000 min
 Lab File: BF131671.D
 Acq: 16 Dec 2022 17:38

Tgt Ion:264 Resp: 150002
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.6 30.8
 265 22.4 16.8 25.2

