

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131676.D
 Acq On : 16 Dec 2022 20:23
 Operator : CG\JU
 Sample : N6037-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(8-10)

Quant Time: Dec 17 03:58:39 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	57712	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	200895	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	112503	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	218807	20.000	ng	0.00
76) Chrysene-d12	14.074	240	140103	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	131350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	362187	104.698	ng	0.00
7) Phenol-d6	6.510	99	475323	104.853	ng	0.00
23) Nitrobenzene-d5	7.445	82	314604	59.206	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	119813	95.855	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	549065	61.536	ng	0.00
79) Terphenyl-d14	13.021	244	664321	65.027	ng	0.00

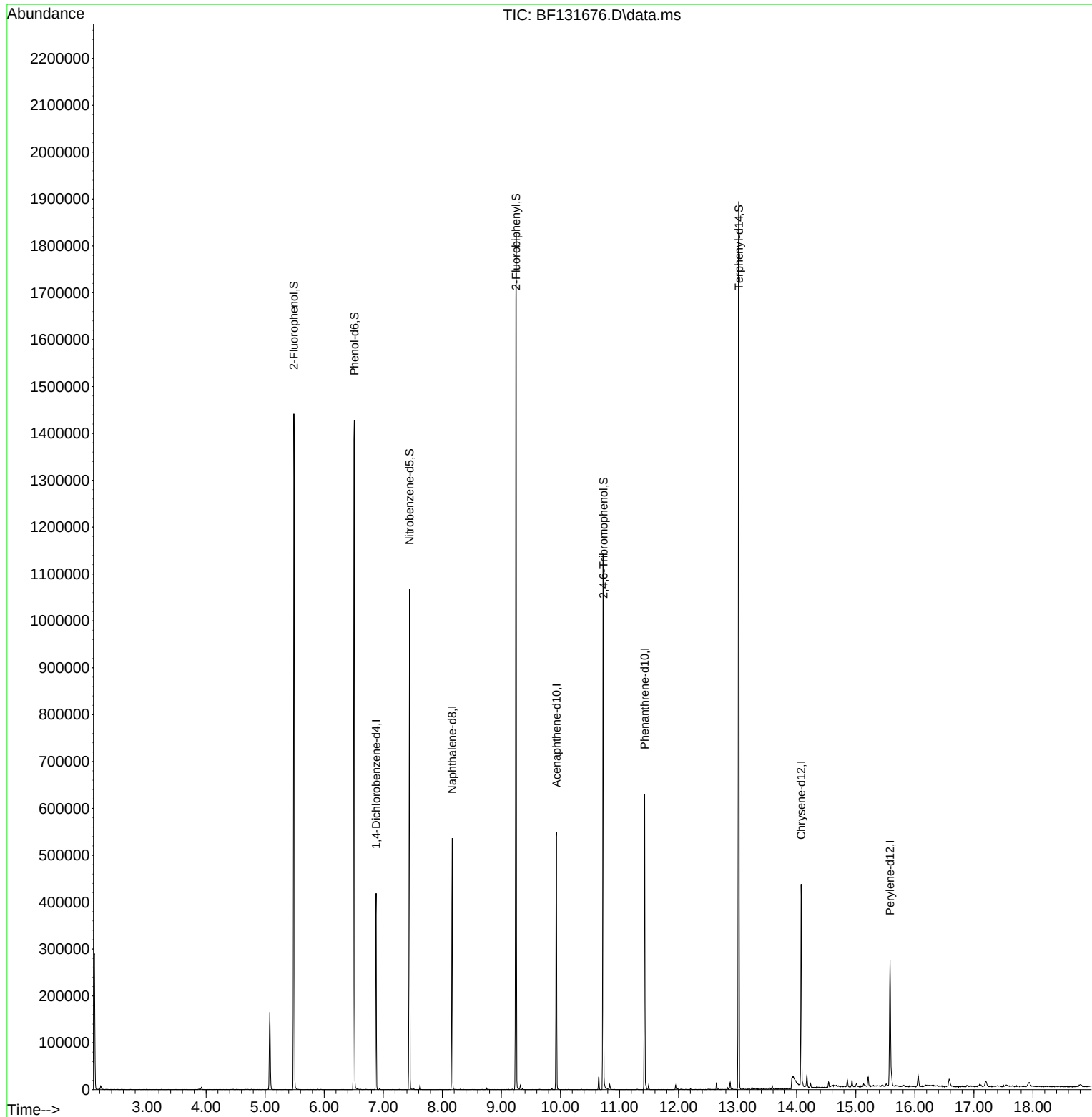
Target Compounds	Qvalue

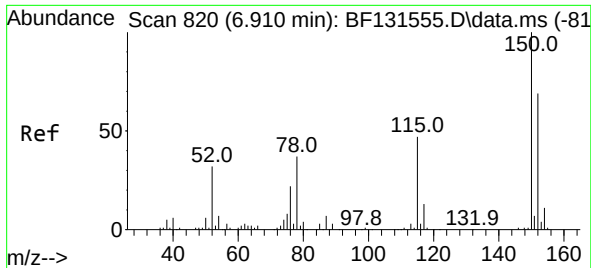
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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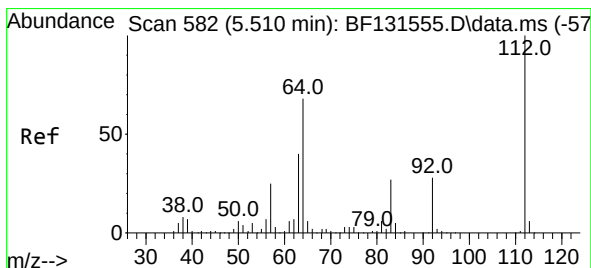
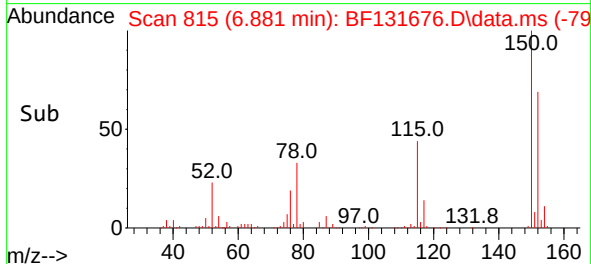
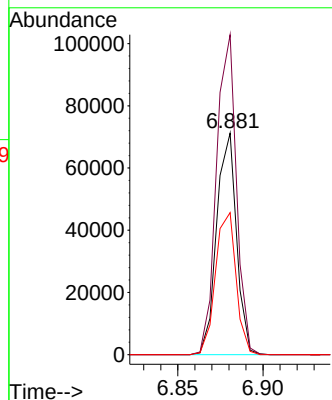
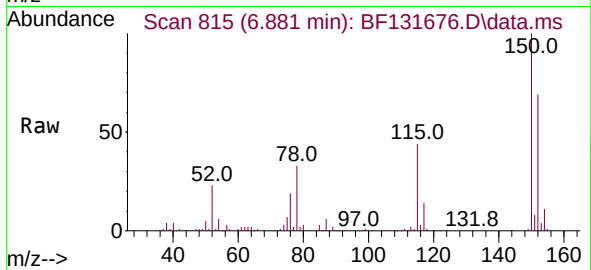




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

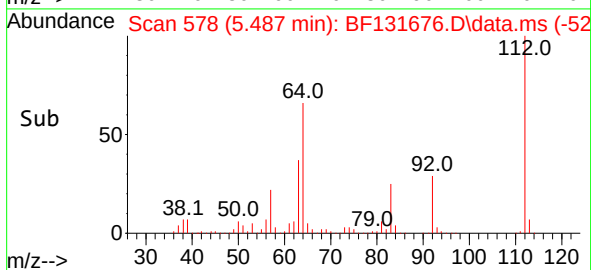
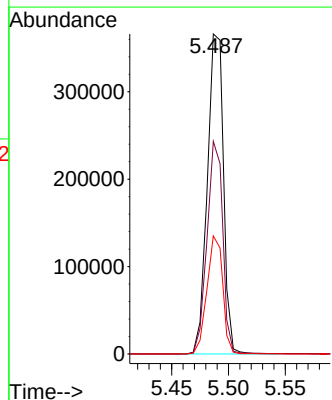
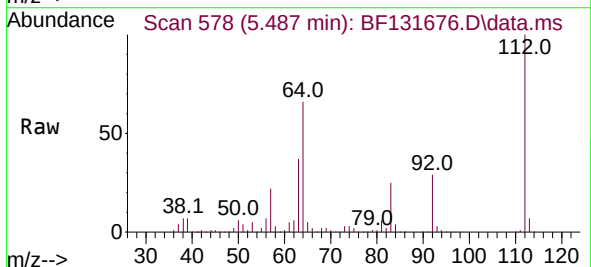
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

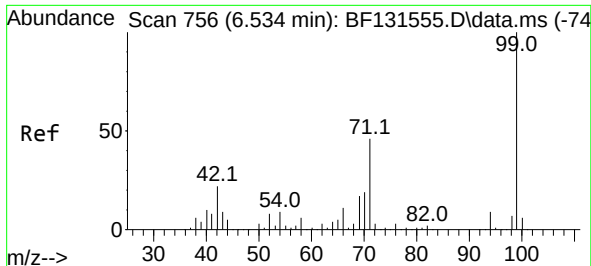
Tgt Ion:152 Resp: 57712
Ion Ratio Lower Upper
152 100
150 144.4 116.7 175.1
115 64.1 54.6 82.0



#5
2-Fluorophenol
Concen: 104.698 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:112 Resp: 362187
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 36.9 31.9 47.9

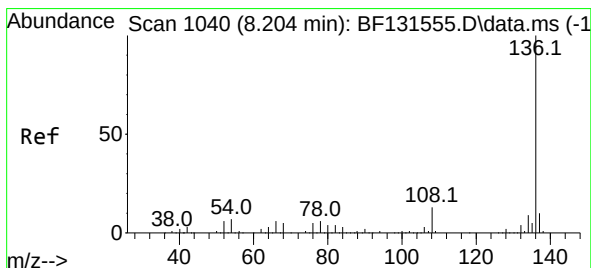
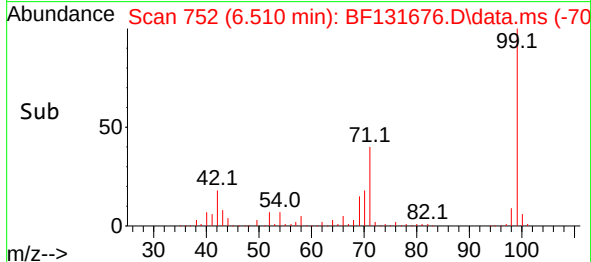
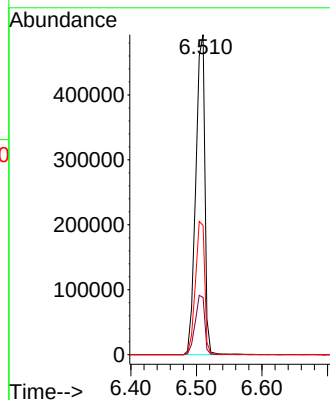
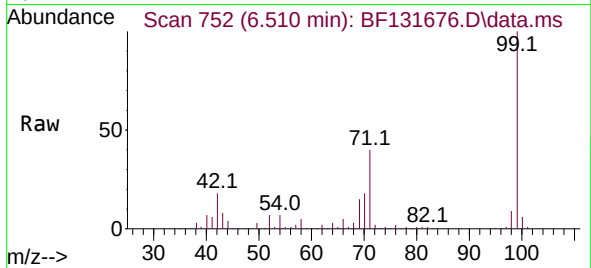




#7
Phenol-d6
Concen: 104.853 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

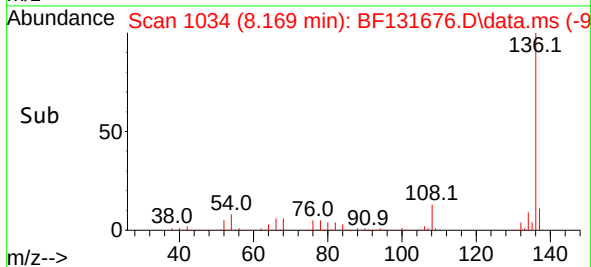
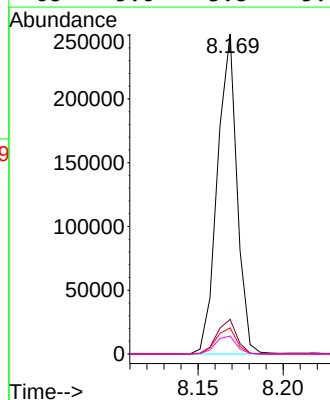
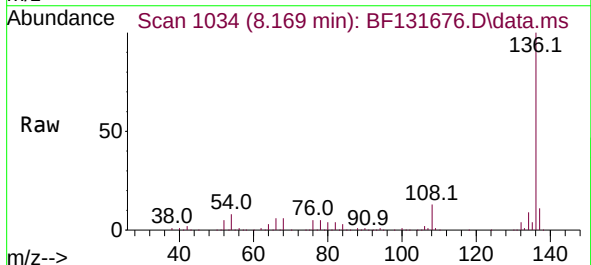
Instrument :
BNA_F
ClientSampleId :
RB-23-(8-10)

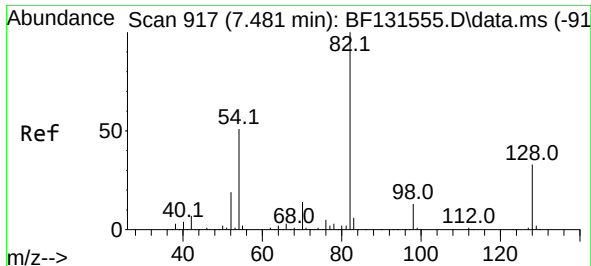
Tgt Ion: 99 Resp: 475323
Ion Ratio Lower Upper
99 100
42 17.9 17.9 26.9#
71 40.4 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion: 136 Resp: 200895
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.2 6.0 9.0
68 5.6 3.8 5.8

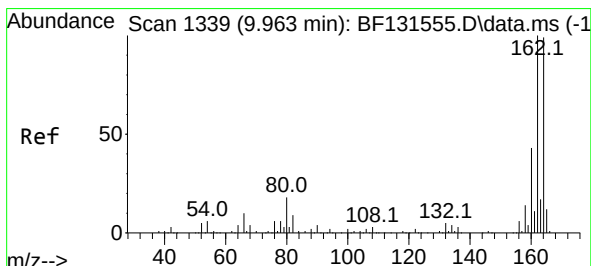
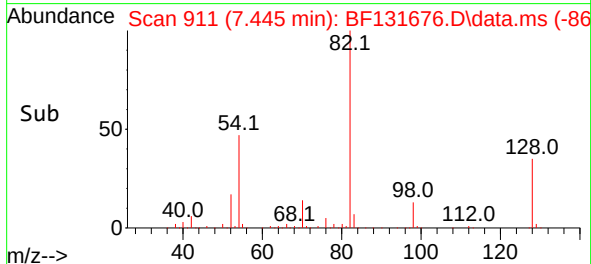
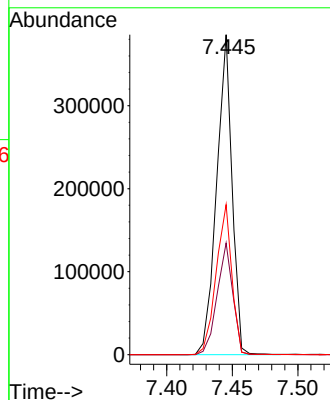
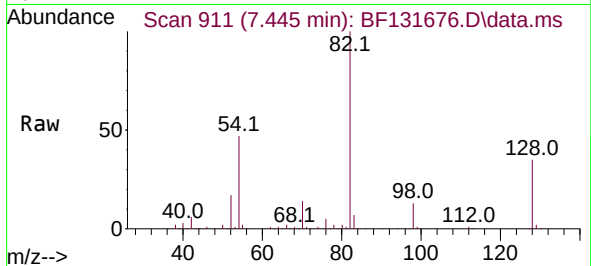




#23
 Nitrobenzene-d5
 Concen: 59.206 ng
 RT: 7.445 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF131676.D
 Acq: 16 Dec 2022 20:23

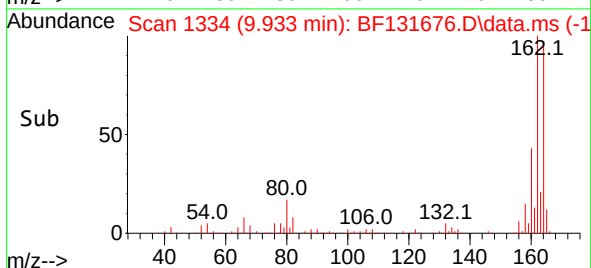
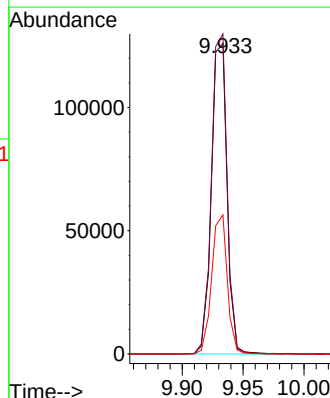
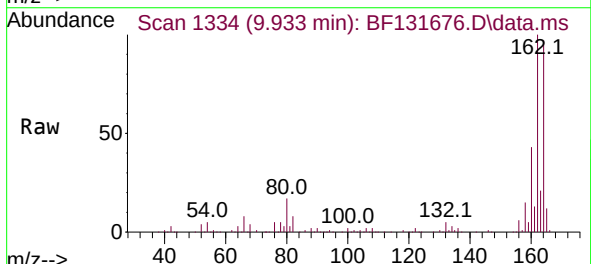
Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(8-10)

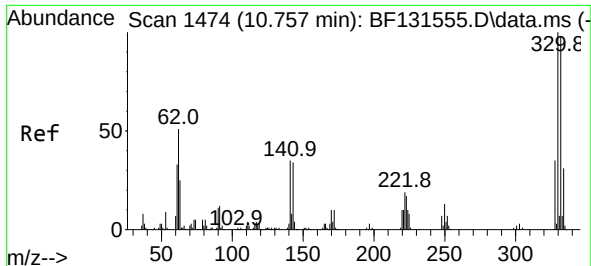
Tgt Ion: 82 Resp: 314604
 Ion Ratio Lower Upper
 82 100
 128 34.9 26.1 39.1
 54 46.9 40.6 60.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: BF131676.D
 Acq: 16 Dec 2022 20:23

Tgt Ion:164 Resp: 112503
 Ion Ratio Lower Upper
 164 100
 162 103.1 81.0 121.6
 160 44.8 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 95.855 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131676.D

Acq: 16 Dec 2022 20:23

Instrument :

BNA_F

ClientSampleId :

RB-23-(8-10)

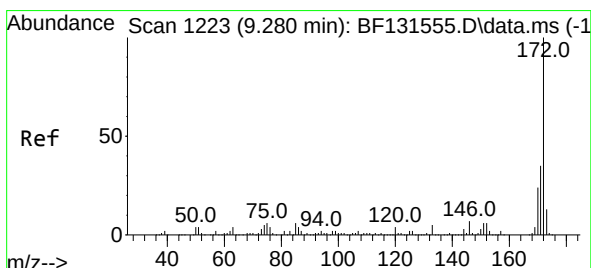
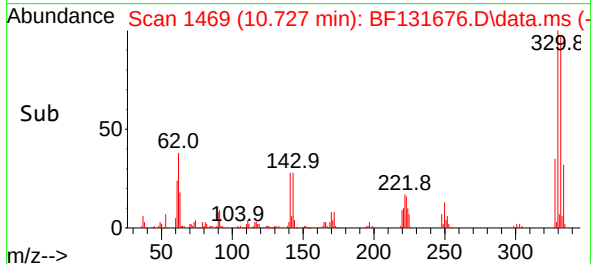
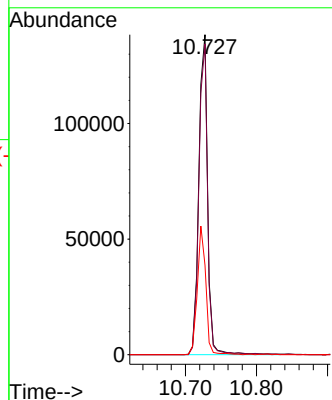
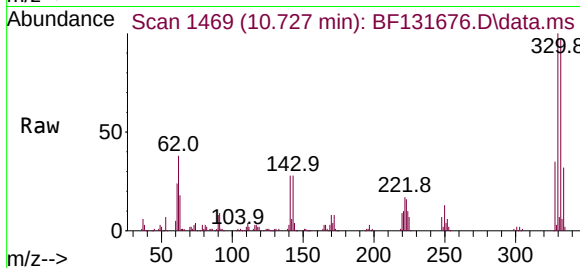
Tgt Ion:330 Resp: 119813

Ion Ratio Lower Upper

330 100

332 95.4 78.3 117.5

141 38.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 61.536 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131676.D

Acq: 16 Dec 2022 20:23

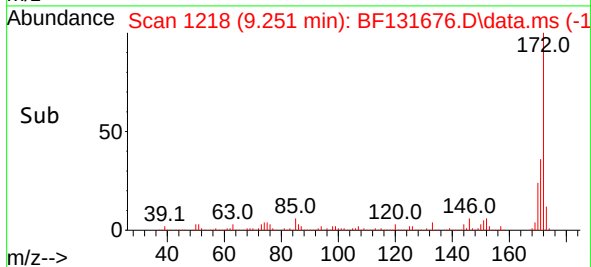
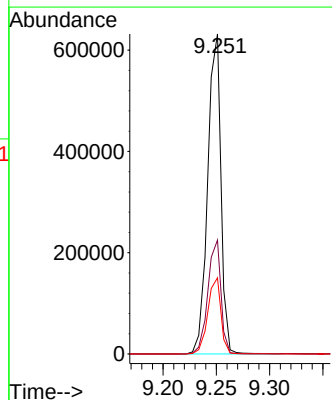
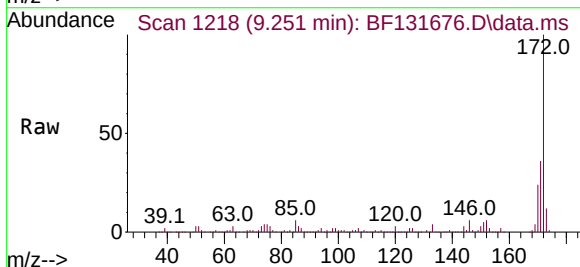
Tgt Ion:172 Resp: 549065

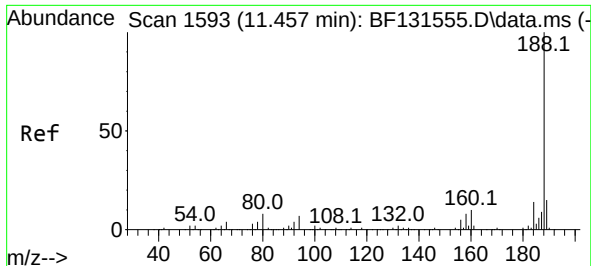
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.3 28.9

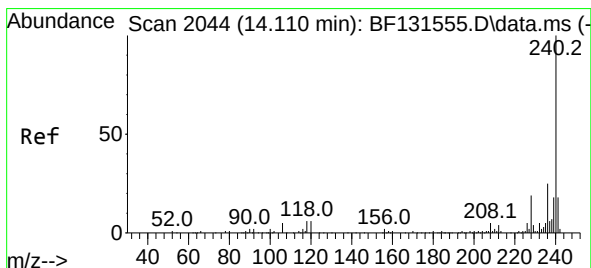
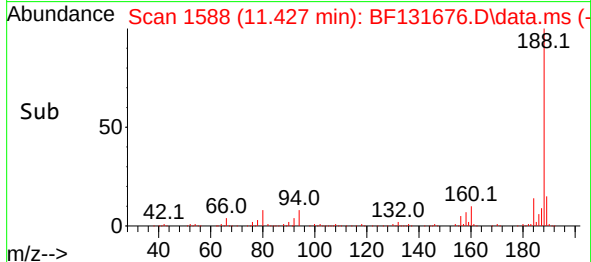
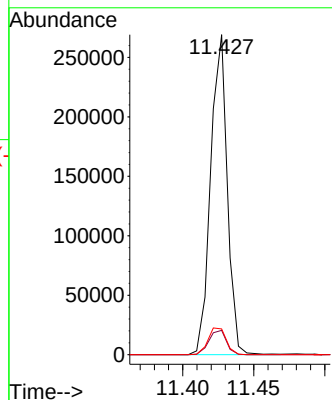
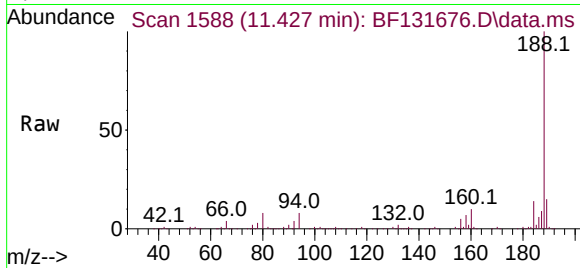




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

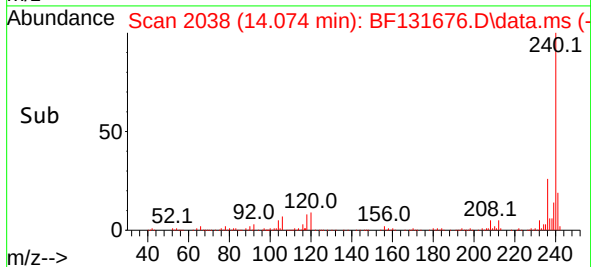
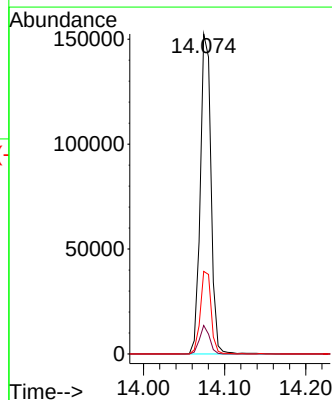
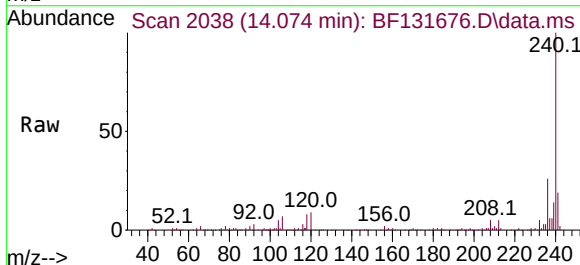
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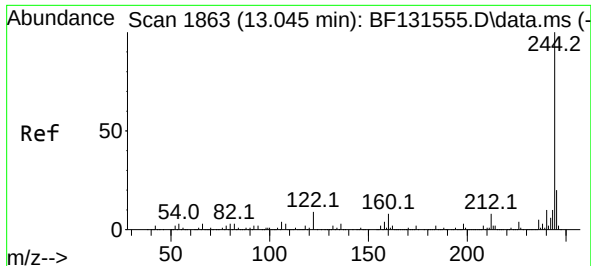
Tgt Ion:188 Resp: 218807
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 8.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131676.D
Acq: 16 Dec 2022 20:23

Tgt Ion:240 Resp: 140103
Ion Ratio Lower Upper
240 100
120 8.9 4.6 7.0#
236 25.8 20.2 30.2

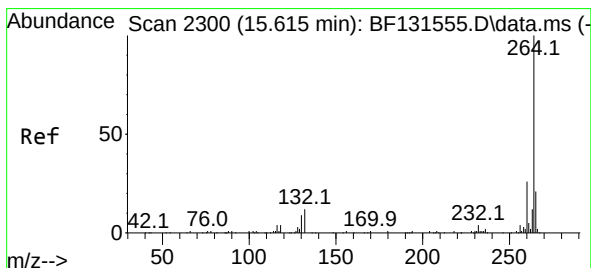
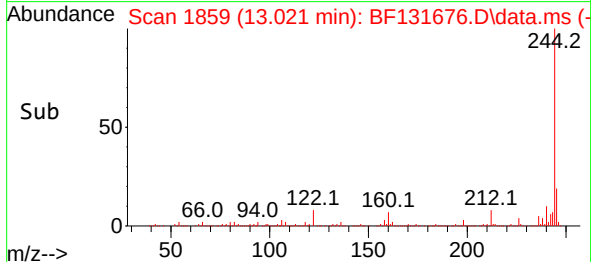
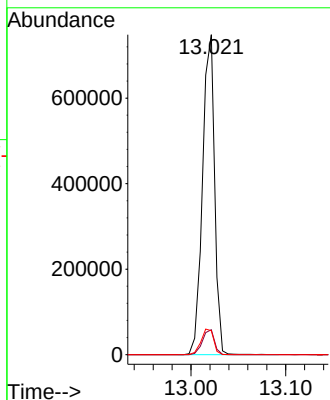
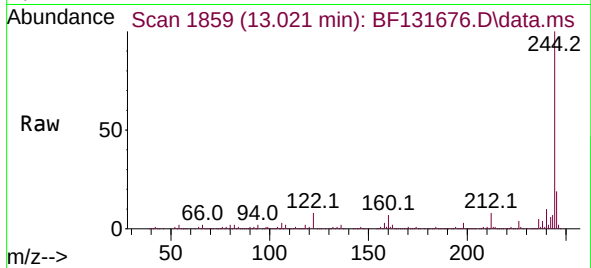




#79
 Terphenyl-d14
 Concen: 65.027 ng
 RT: 13.021 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131676.D
 Acq: 16 Dec 2022 20:23

Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(8-10)

Tgt Ion:244 Resp: 664321
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 7.5 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: BF131676.D
 Acq: 16 Dec 2022 20:23

Tgt Ion:264 Resp: 131350
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.6 30.8
 265 21.5 16.8 25.2

