

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131675.D
 Acq On : 16 Dec 2022 19:50
 Operator : CG\JU
 Sample : N6037-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(0.5-2.5)

Quant Time: Dec 17 03:58:26 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	66452	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	240797	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	135938	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	264061	20.000	ng	0.00
76) Chrysene-d12	14.080	240	159836	20.000	ng	0.00
86) Perylene-d12	15.580	264	142597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	352801	88.571	ng	0.00
7) Phenol-d6	6.510	99	538397	103.146	ng	0.00
23) Nitrobenzene-d5	7.445	82	391382	61.450	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	89014	58.937	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	669139	62.065	ng	0.00
79) Terphenyl-d14	13.021	244	797446	68.421	ng	0.00

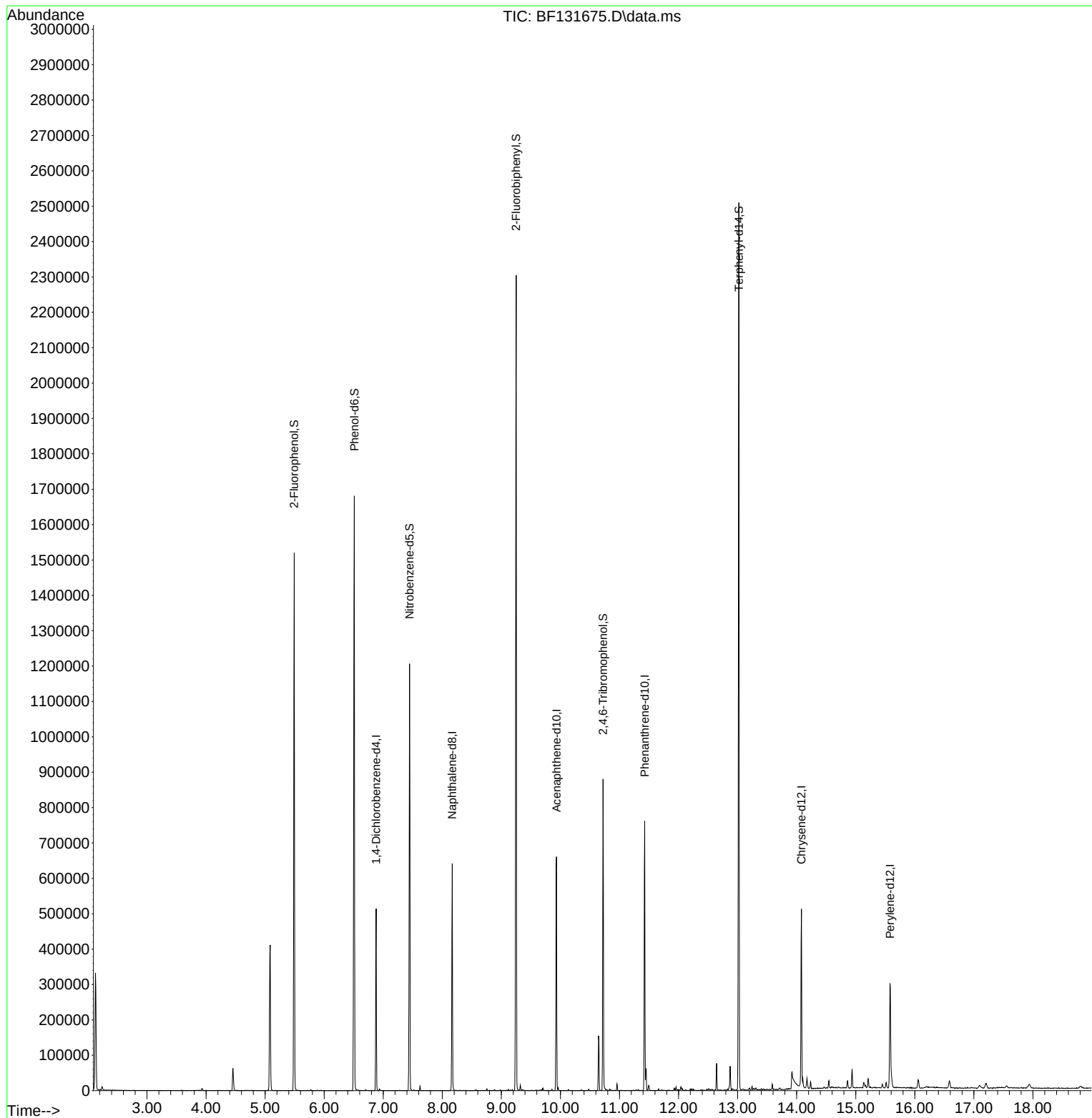
Target Compounds	Qvalue

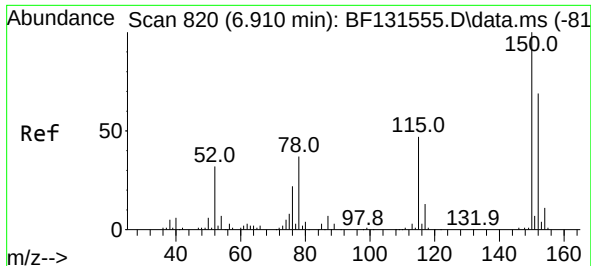
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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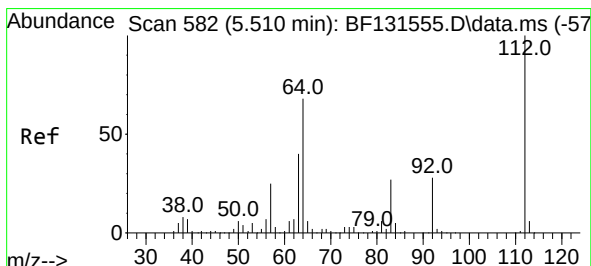
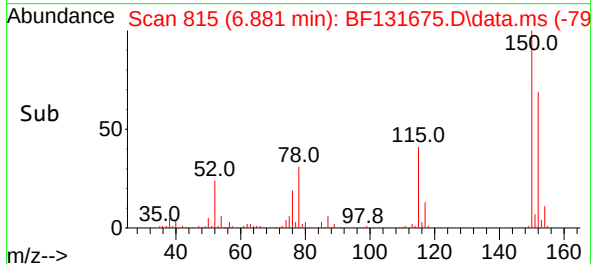
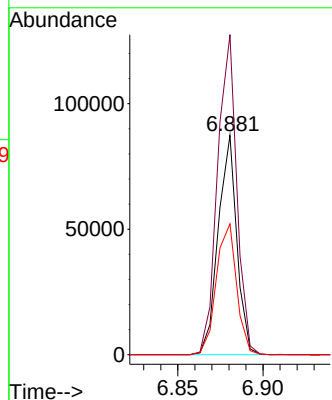
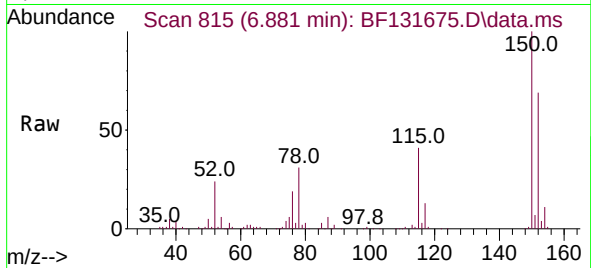




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131675.D
 Acq: 16 Dec 2022 19:50

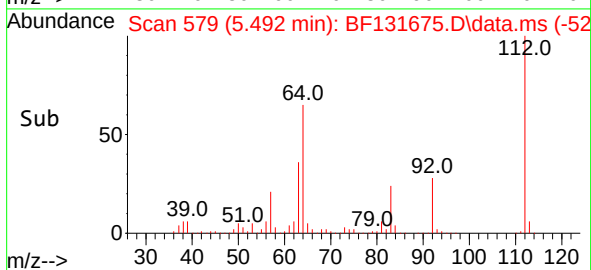
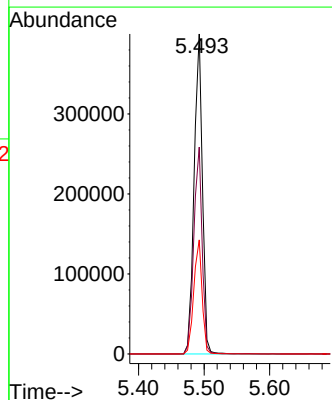
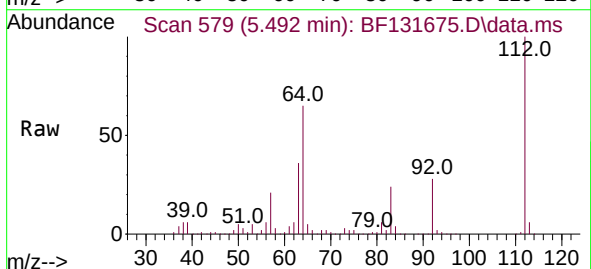
Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(0.5-2.5)

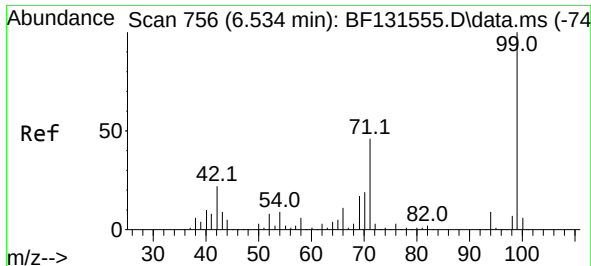
Tgt Ion:152 Resp: 66452
 Ion Ratio Lower Upper
 152 100
 150 145.9 116.7 175.1
 115 59.7 54.6 82.0



#5
 2-Fluorophenol
 Concen: 88.571 ng
 RT: 5.492 min Scan# 579
 Delta R.T. 0.000 min
 Lab File: BF131675.D
 Acq: 16 Dec 2022 19:50

Tgt Ion:112 Resp: 352801
 Ion Ratio Lower Upper
 112 100
 64 64.7 54.5 81.7
 63 35.6 31.9 47.9

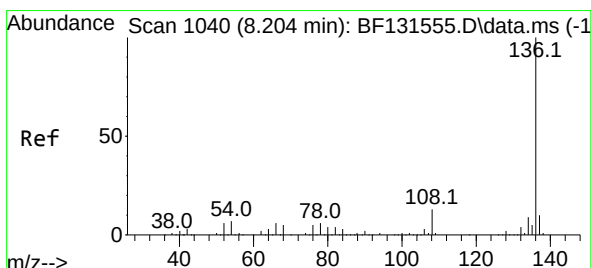
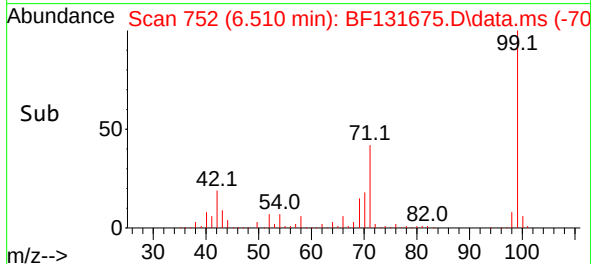
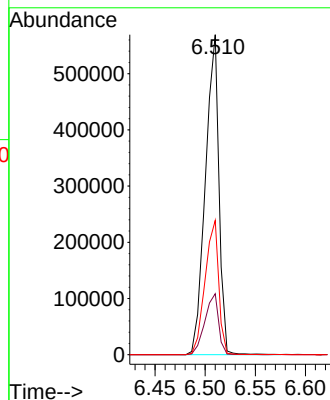
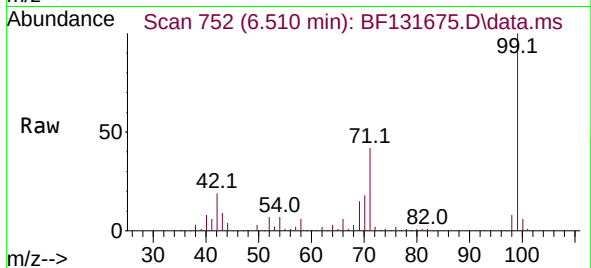




#7
Phenol-d6
Concen: 103.146 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

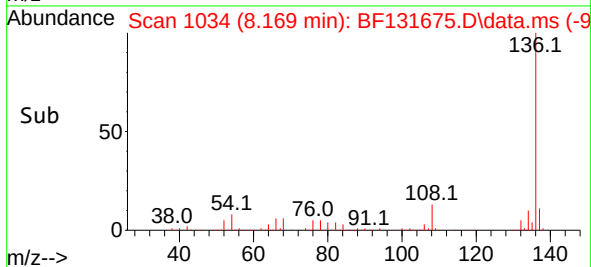
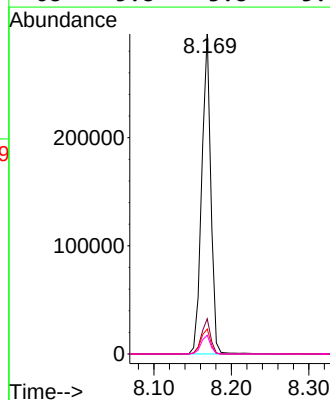
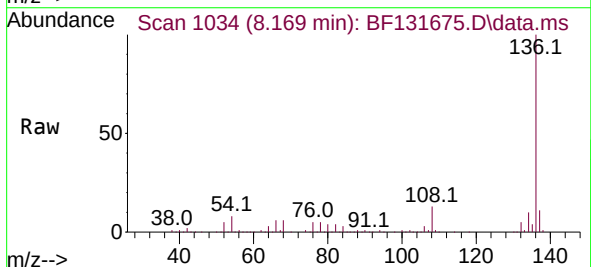
Instrument :
BNA_F
ClientSampleId :
RB-23-(0.5-2.5)

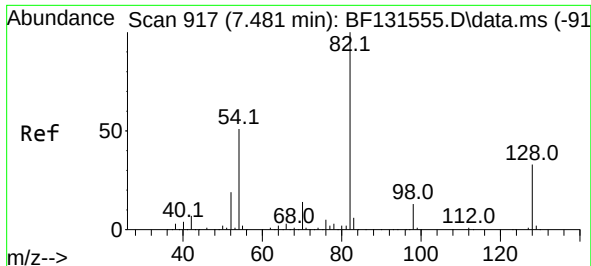
Tgt Ion: 99 Resp: 538397
Ion Ratio Lower Upper
99 100
42 19.0 17.9 26.9
71 42.0 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion: 136 Resp: 240797
Ion Ratio Lower Upper
136 100
137 11.0 8.1 12.1
54 7.8 6.0 9.0
68 5.8 3.8 5.8

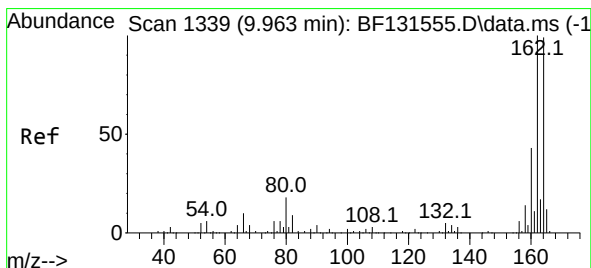
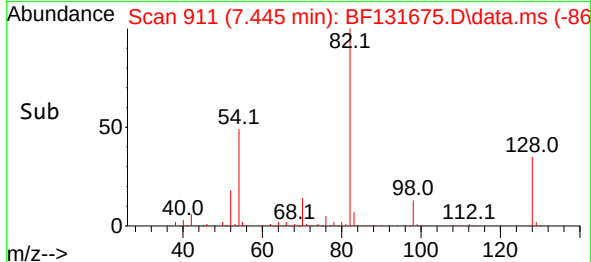
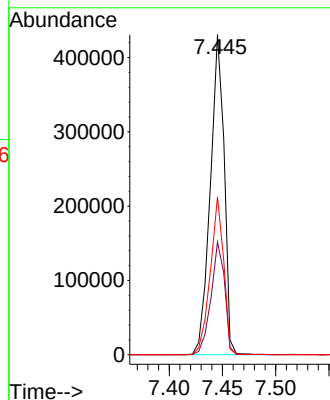
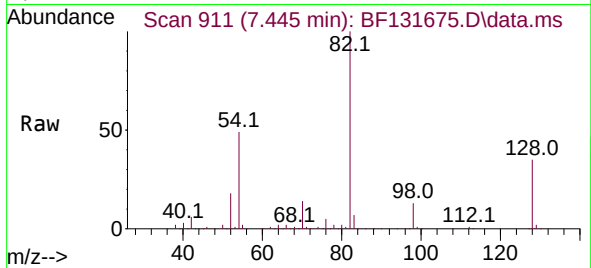




#23
Nitrobenzene-d5
Concen: 61.450 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

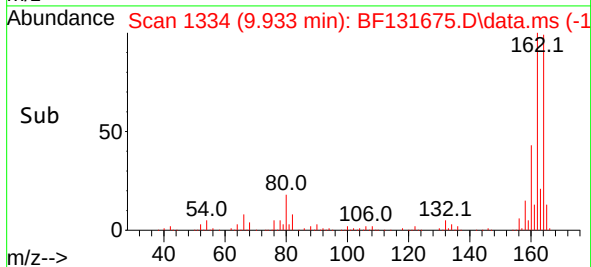
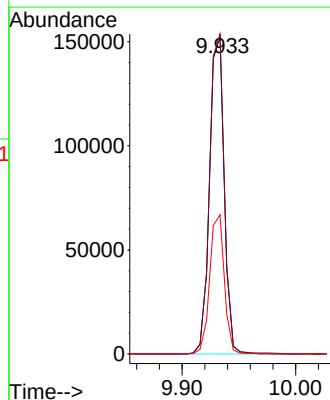
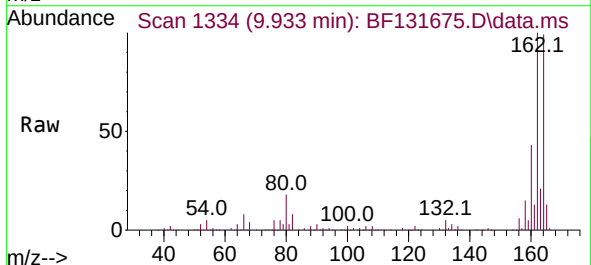
Instrument :
BNA_F
ClientSampleId :
RB-23-(0.5-2.5)

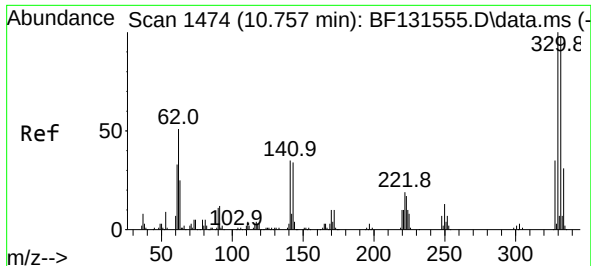
Tgt Ion: 82 Resp: 391382
Ion Ratio Lower Upper
82 100
128 35.2 26.1 39.1
54 49.3 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion:164 Resp: 135938
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 43.9 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 58.937 ng

RT: 10.722 min Scan# 1474

Delta R.T. -0.012 min

Lab File: BF131675.D

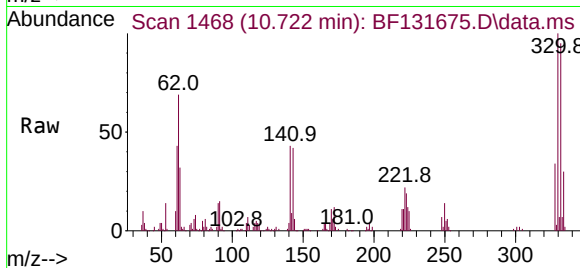
Acq: 16 Dec 2022 19:50

Instrument :

BNA_F

ClientSampleId :

RB-23-(0.5-2.5)



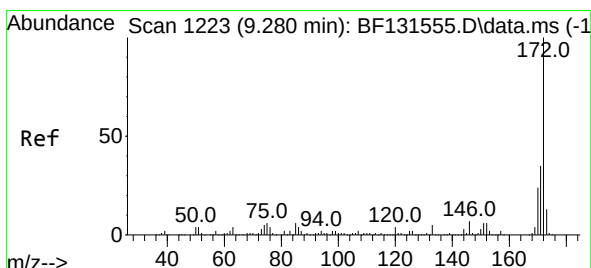
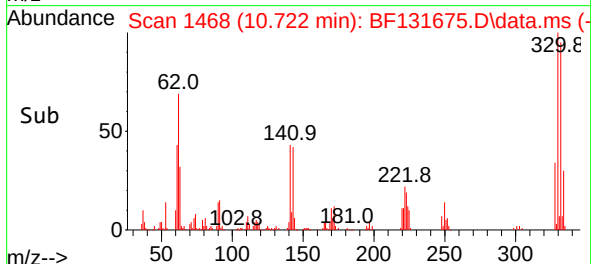
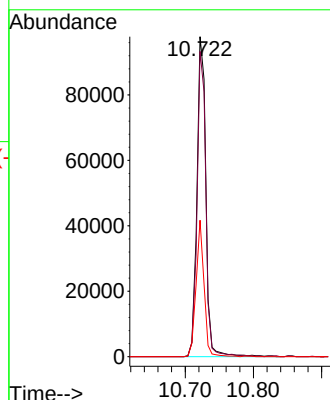
Tgt Ion:330 Resp: 89014

Ion Ratio Lower Upper

330 100

332 93.6 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 62.065 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF131675.D

Acq: 16 Dec 2022 19:50

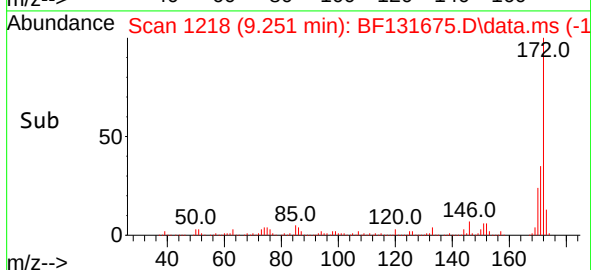
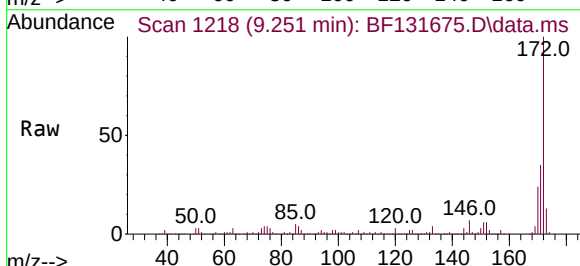
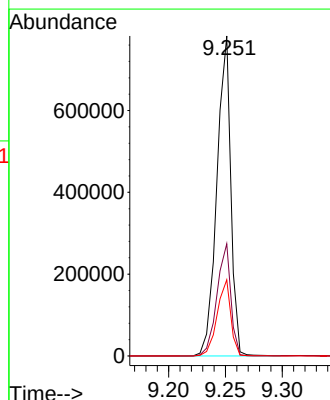
Tgt Ion:172 Resp: 669139

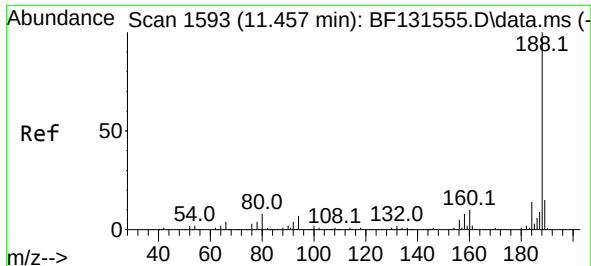
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.8 19.3 28.9

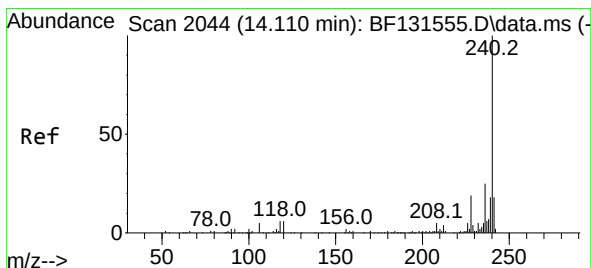
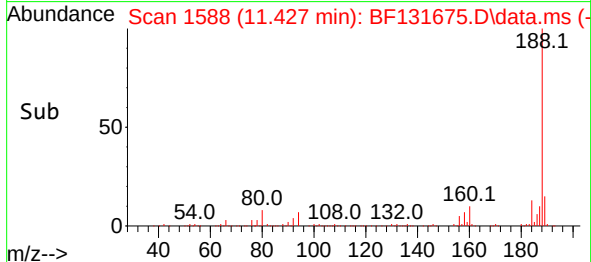
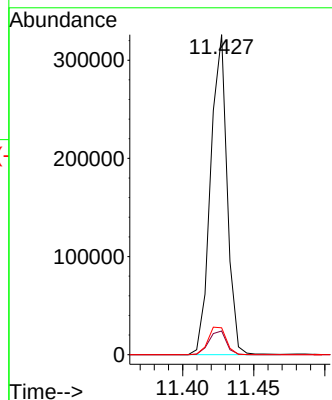
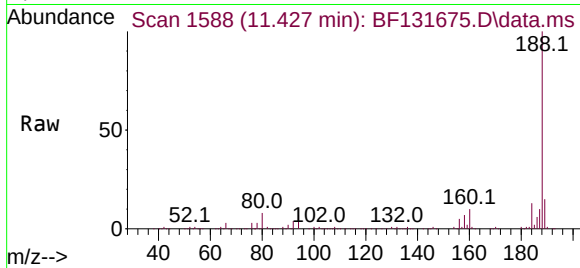




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

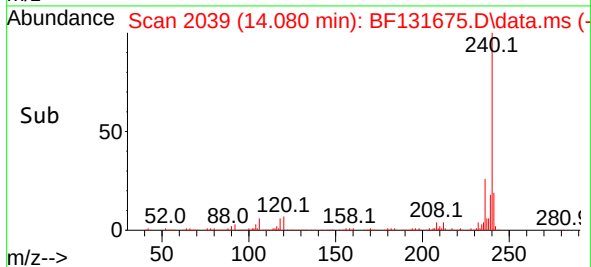
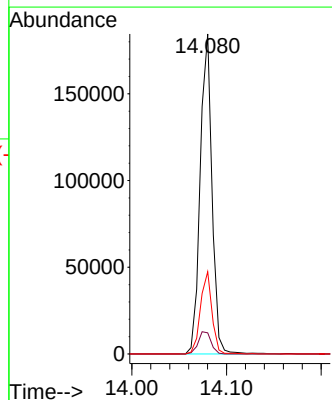
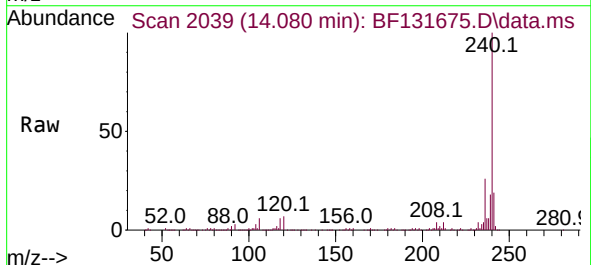
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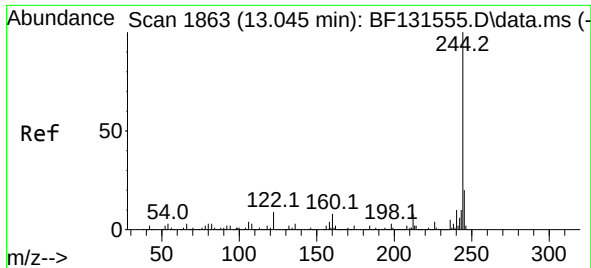
Tgt Ion:188 Resp: 264061
Ion Ratio Lower Upper
188 100
94 7.4 5.5 8.3
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131675.D
Acq: 16 Dec 2022 19:50

Tgt Ion:240 Resp: 159836
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 25.7 20.2 30.2

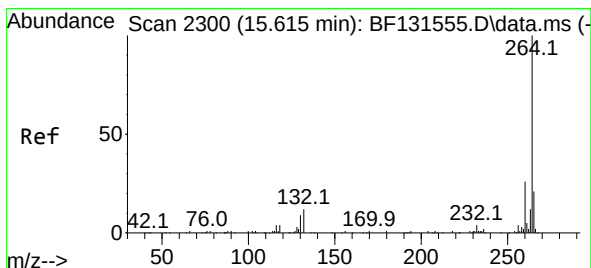
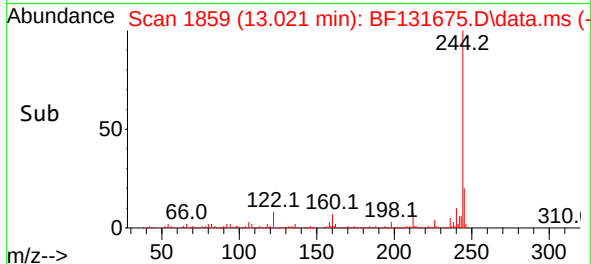
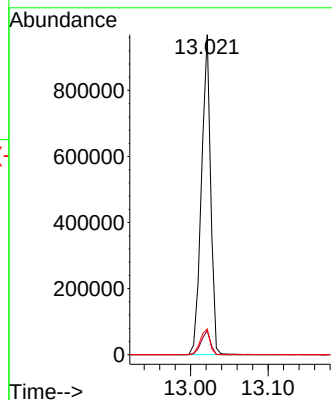
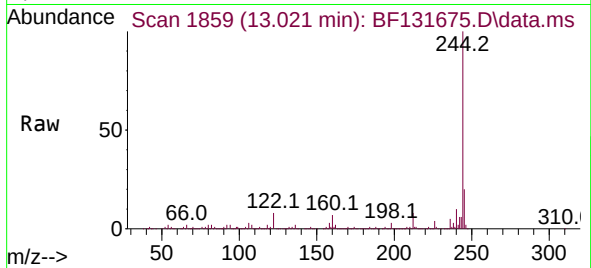




#79
 Terphenyl-d14
 Concen: 68.421 ng
 RT: 13.021 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131675.D
 Acq: 16 Dec 2022 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RB-23-(0.5-2.5)

Tgt Ion:244 Resp: 797446
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.0 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: BF131675.D
 Acq: 16 Dec 2022 19:50

Tgt Ion:264 Resp: 142597
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.6 30.8
 265 21.8 16.8 25.2

