

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072723\
 Data File : BF134513.D
 Acq On : 27 Jul 2023 19:22
 Operator : CG\JU
 Sample : 03706-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P20A

Quant Time: Jul 28 02:07:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 12:16:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	81063	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	251100	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	108648	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	201873	20.000	ng	0.00
76) Chrysene-d12	14.016	240	177361	20.000	ng	0.00
86) Perylene-d12	15.515	264	112628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	549379	111.972	ng	0.00
7) Phenol-d6	6.469	99	508160	84.534	ng	0.00
23) Nitrobenzene-d5	7.387	82	331643	66.823	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	130170	84.324	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	457582	55.290	ng	0.00
79) Terphenyl-d14	12.951	244	461307	45.404	ng	0.00

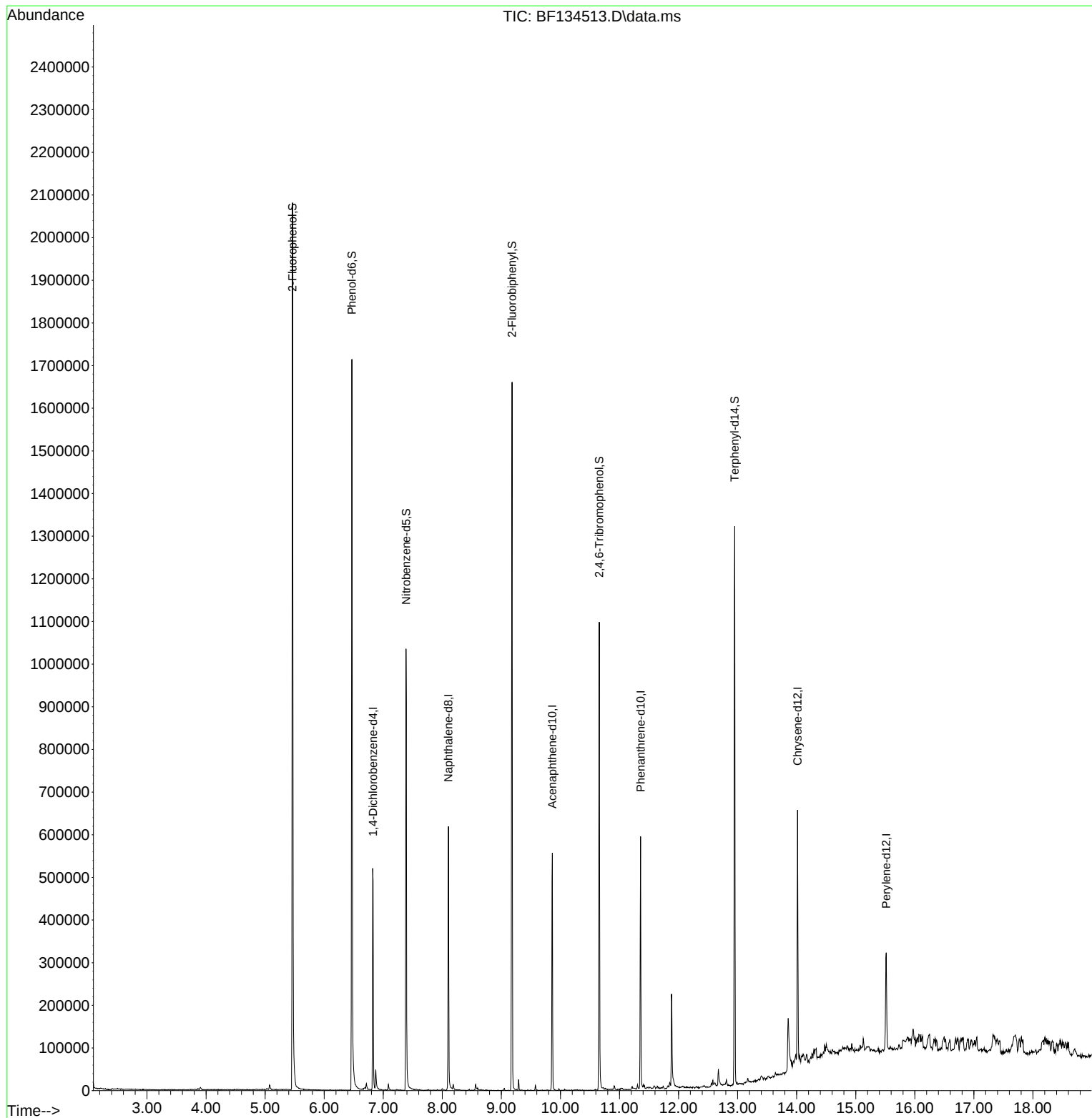
Target Compounds	Qvalue

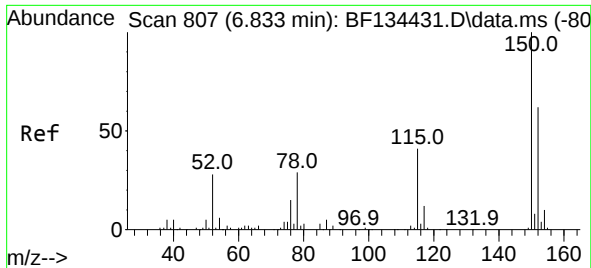
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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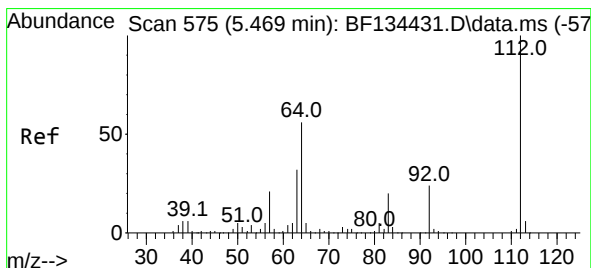
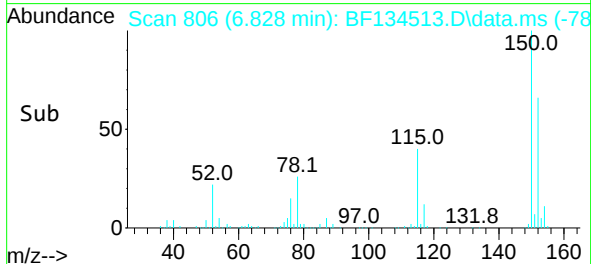
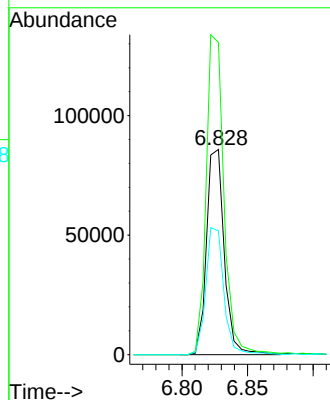
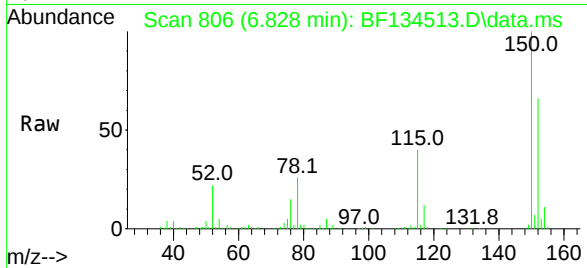




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

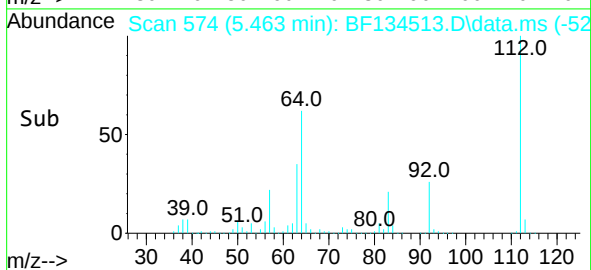
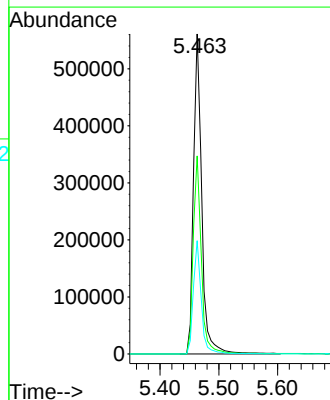
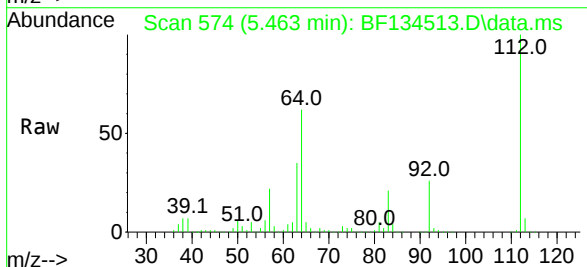
Instrument :
BNA_F
ClientSampleId :
B-P20A

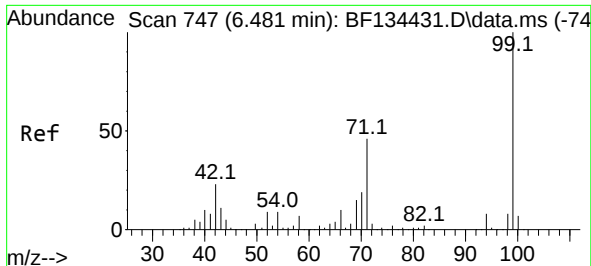
Tgt Ion:152 Resp: 81063
Ion Ratio Lower Upper
152 100
150 152.1 128.3 192.5
115 60.3 52.4 78.6



#5
2-Fluorophenol
Concen: 111.972 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion:112 Resp: 549379
Ion Ratio Lower Upper
112 100
64 61.9 44.9 67.3
63 35.4 25.4 38.0

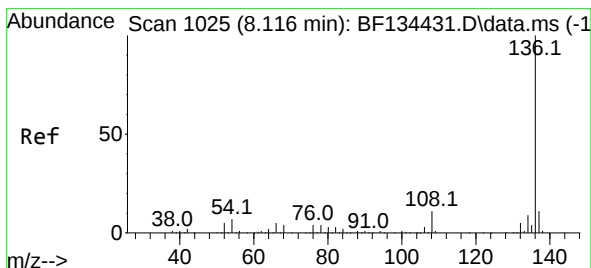
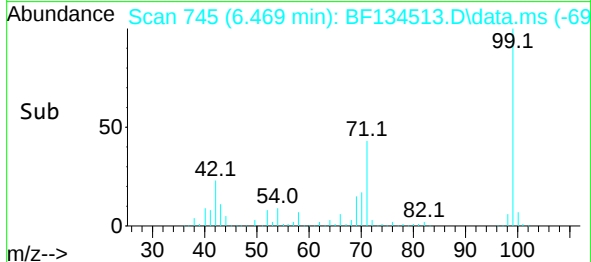
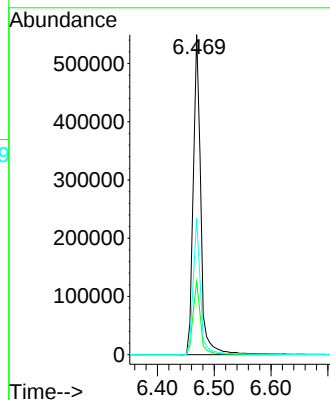
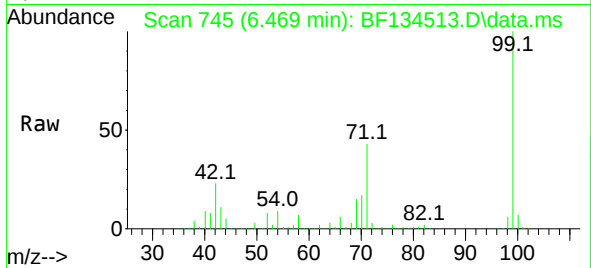




#7
Phenol-d6
Concen: 84.534 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

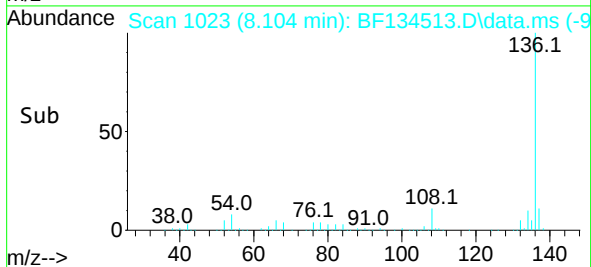
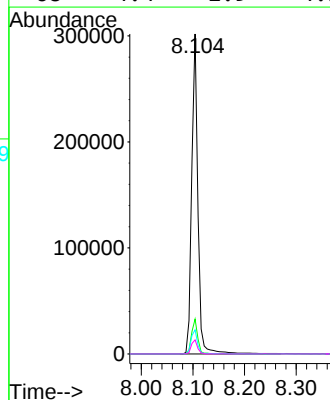
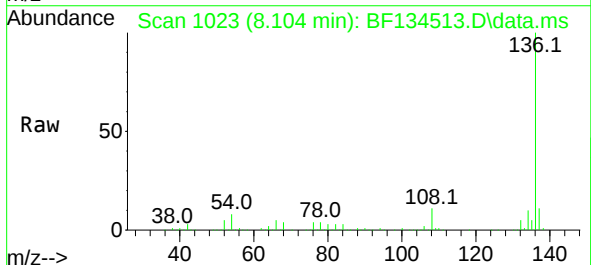
Instrument :
BNA_F
ClientSampleId :
B-P20A

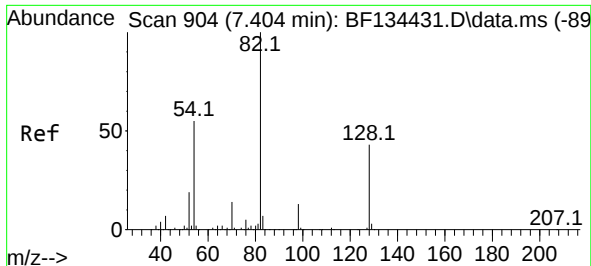
Tgt Ion: 99 Resp: 508160
Ion Ratio Lower Upper
99 100
42 22.8 18.7 28.1
71 42.6 36.4 54.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion: 136 Resp: 251100
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.5 5.2 7.8
68 4.4 2.9 4.3

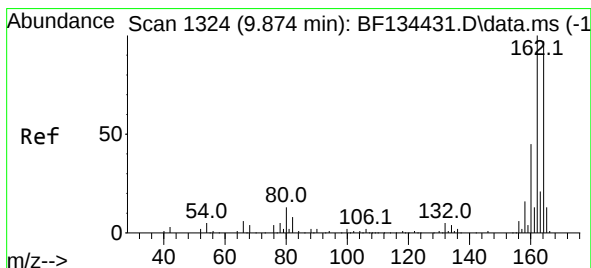
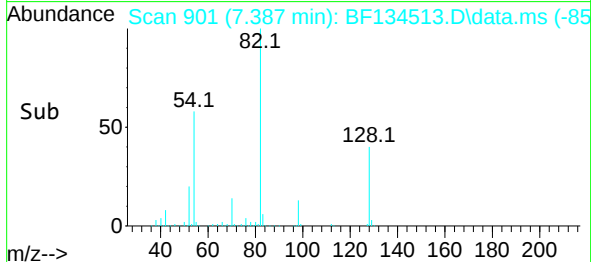
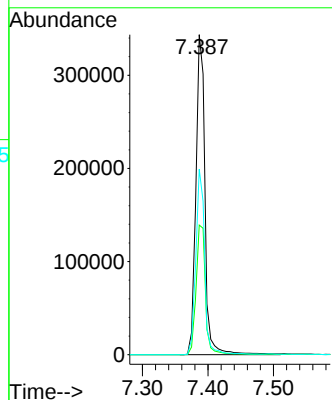
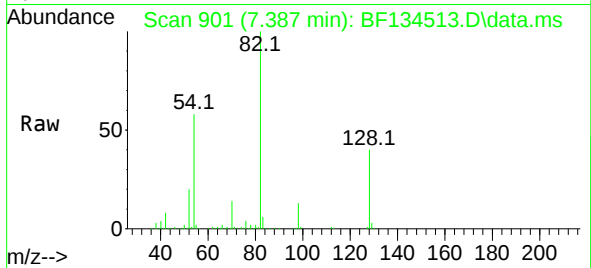




#23
Nitrobenzene-d5
Concen: 66.823 ng
RT: 7.387 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

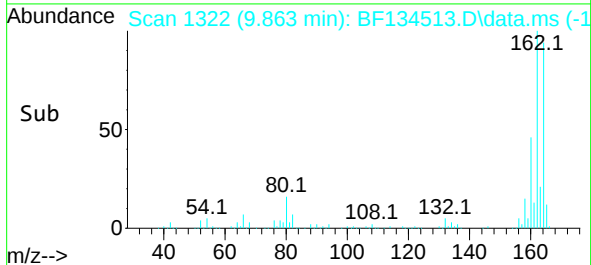
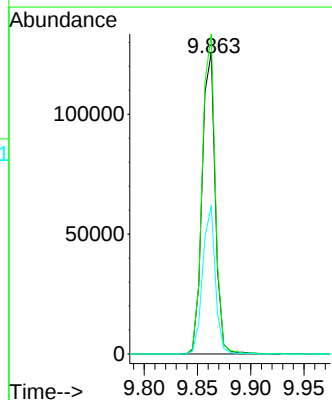
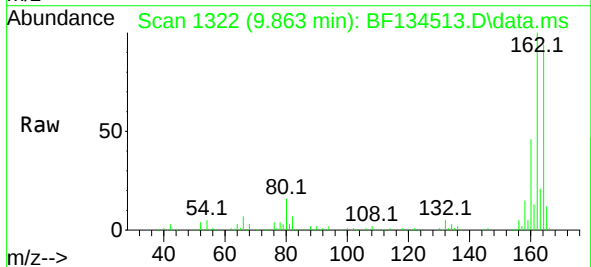
Instrument :
BNA_F
ClientSampleId :
B-P20A

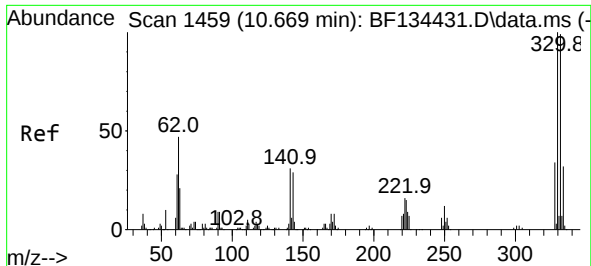
Tgt Ion: 82 Resp: 331643
Ion Ratio Lower Upper
82 100
128 40.5 34.3 51.5
54 57.9 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion:164 Resp: 108648
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 49.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 84.324 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Instrument :

BNA_F

ClientSampleId :

B-P20A

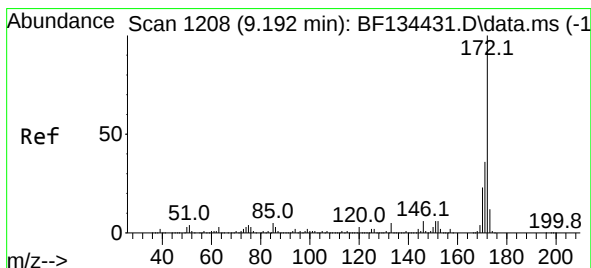
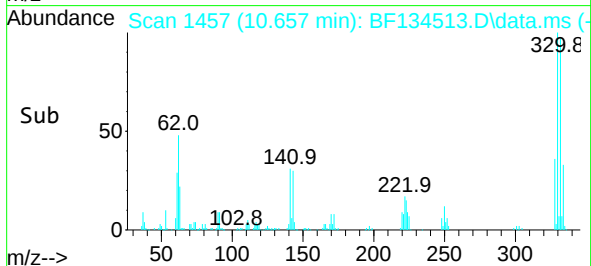
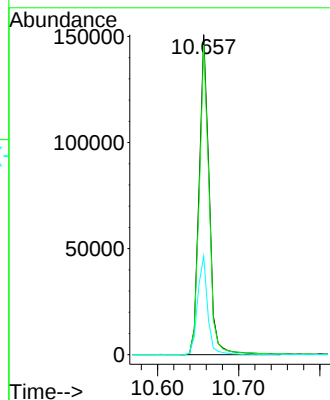
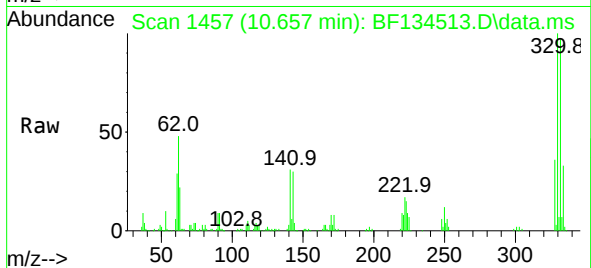
Tgt Ion:330 Resp: 130170

Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 30.8 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.290 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

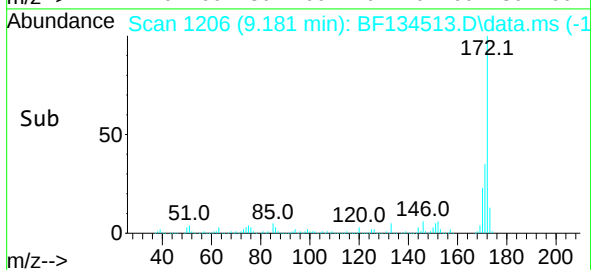
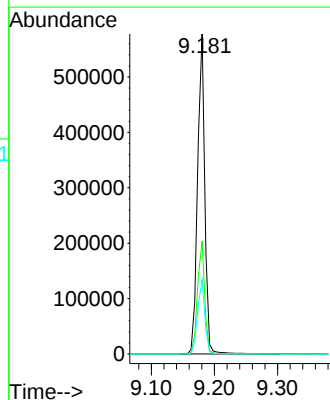
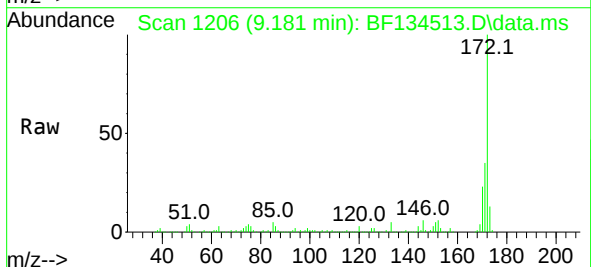
Tgt Ion:172 Resp: 457582

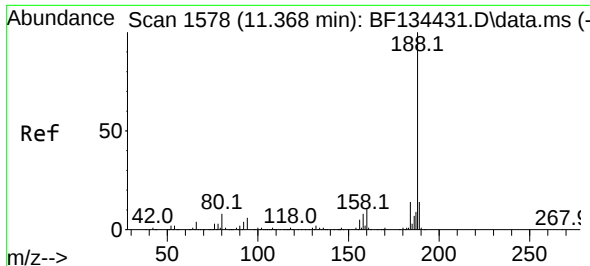
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.3 18.7 28.1

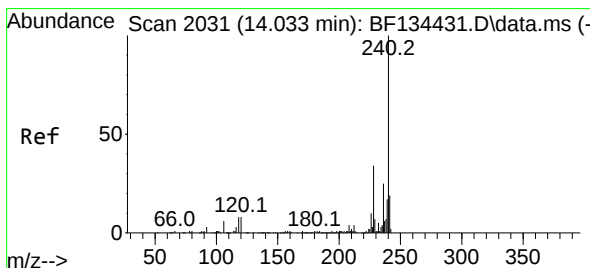
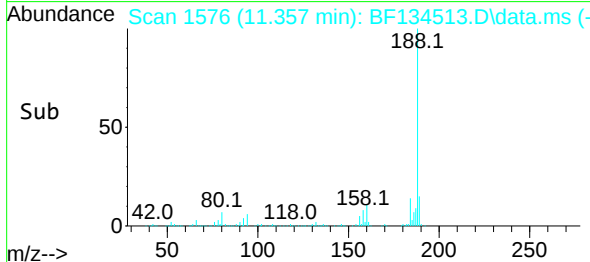
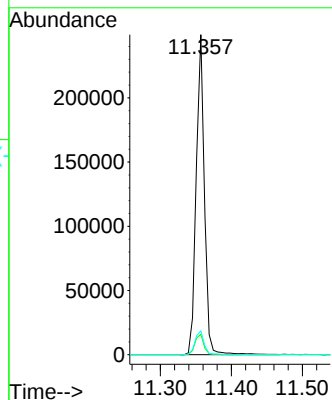
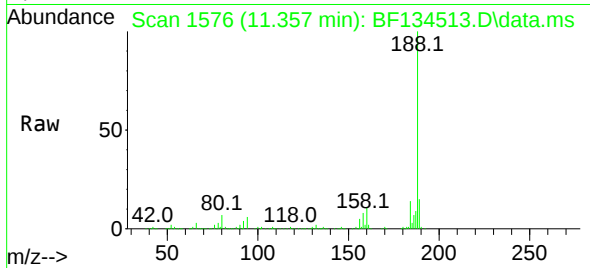




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

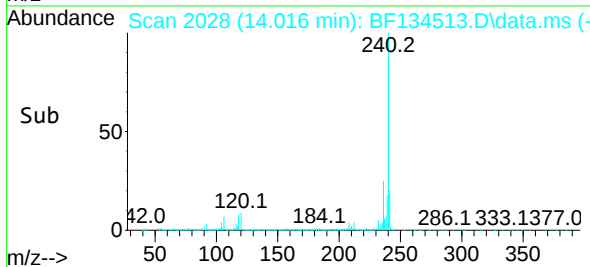
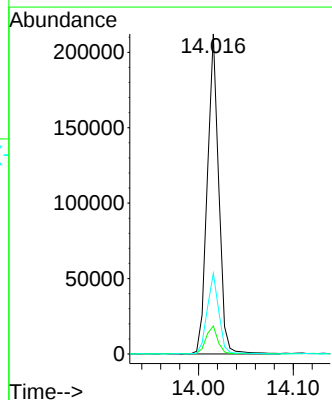
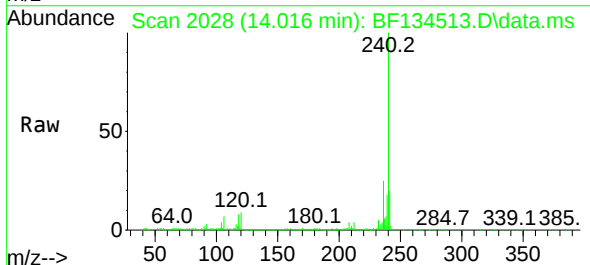
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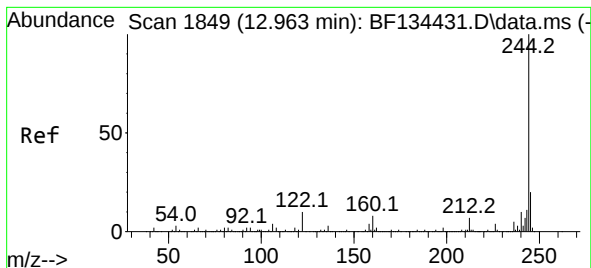
Tgt Ion:188 Resp: 201873
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF134513.D
Acq: 27 Jul 2023 19:22

Tgt Ion:240 Resp: 177361
Ion Ratio Lower Upper
240 100
120 8.7 6.6 10.0
236 25.2 20.2 30.2





#79

Terphenyl-d14

Concen: 45.404 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Instrument :

BNA_F

ClientSampleId :

B-P20A

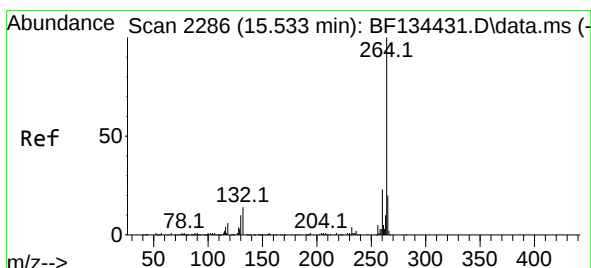
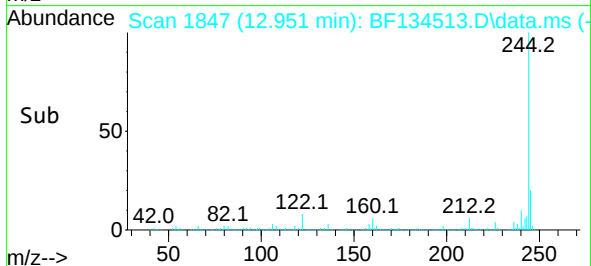
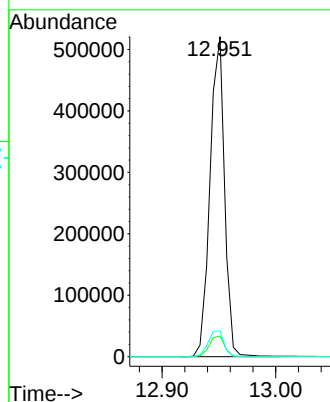
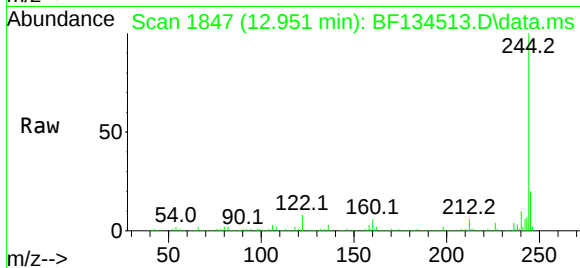
Tgt Ion:244 Resp: 461307

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 8.1 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF134513.D

Acq: 27 Jul 2023 19:22

Tgt Ion:264 Resp: 112628

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 22.3 15.8 23.8

