

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132921.D
 Acq On : 19 Apr 2023 20:09
 Operator : CG\JU
 Sample : 02366-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230335-COMP-13

Quant Time: Apr 20 01:50:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239485	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	964702	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	529664	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1026034	20.000	ng	0.00
76) Chrysene-d12	13.916	240	715931	20.000	ng	-0.01
86) Perylene-d12	15.345	264	572687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2330341	152.155	ng	0.01
7) Phenol-d6	6.393	99	2983452	152.659	ng	0.00
23) Nitrobenzene-d5	7.328	82	1804091	97.479	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	953153	179.415	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	2928282	84.931	ng	0.00
79) Terphenyl-d14	12.874	244	3947438	94.068	ng	0.00

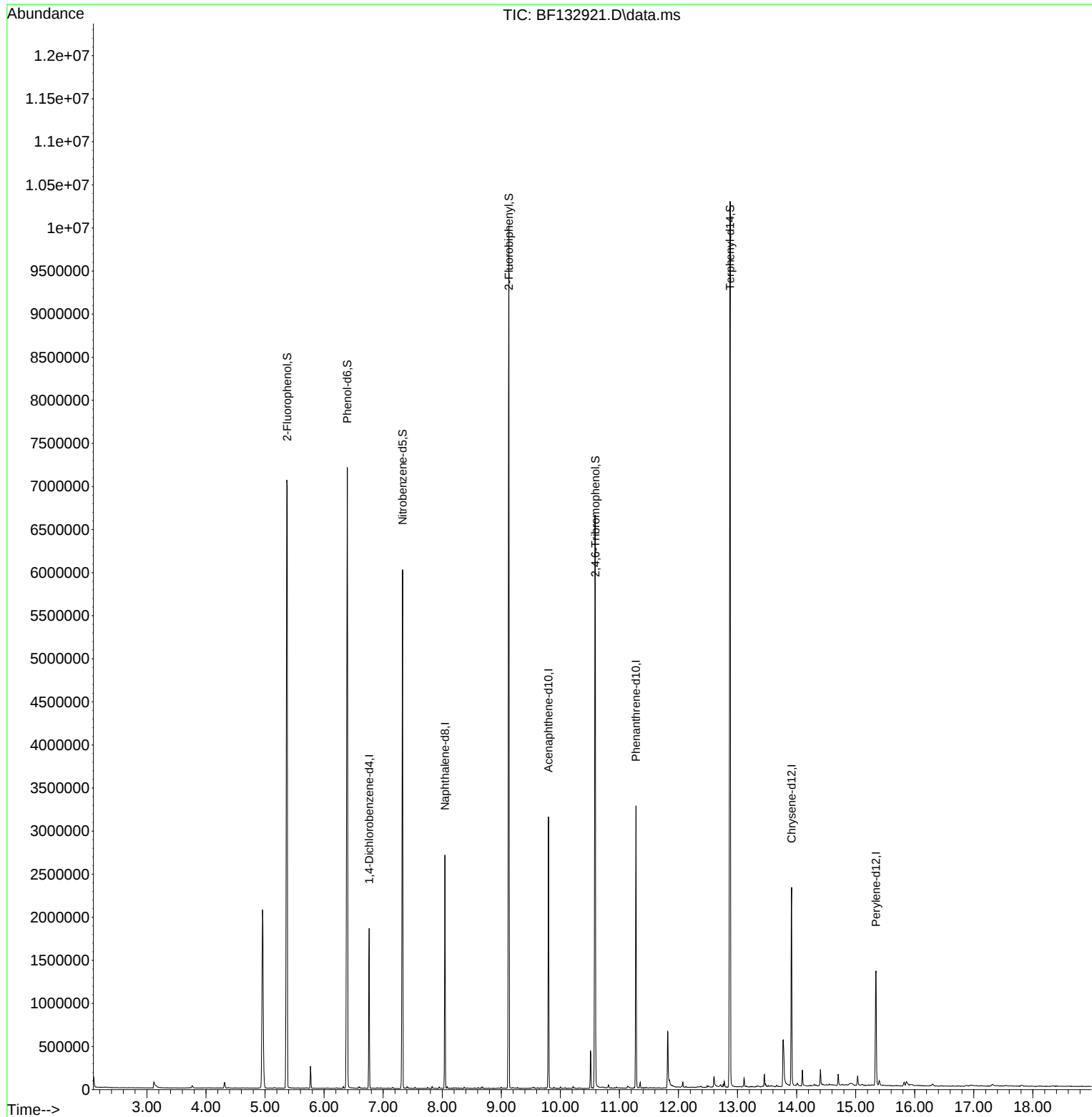
Target Compounds Qvalue

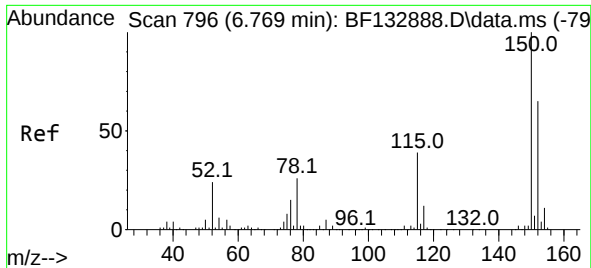
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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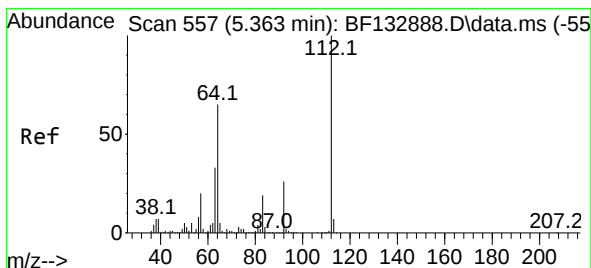
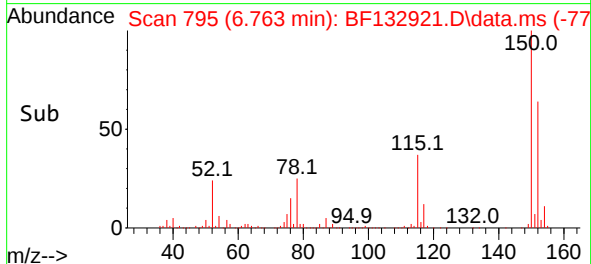
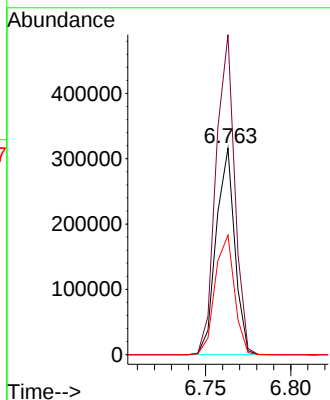
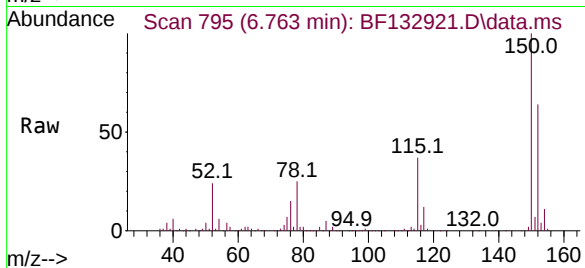




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

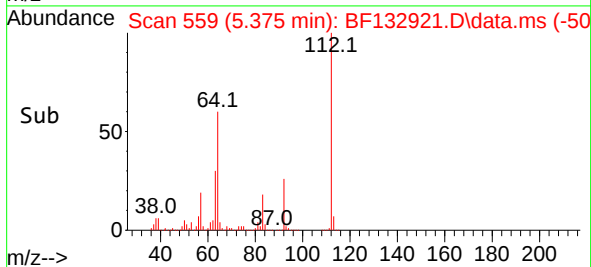
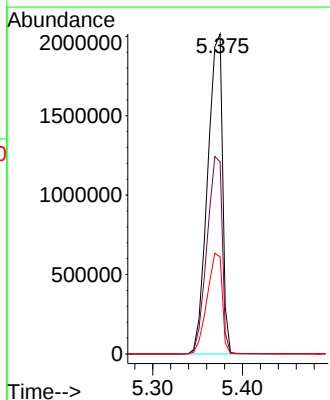
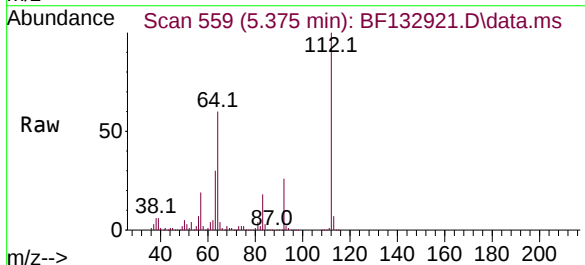
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

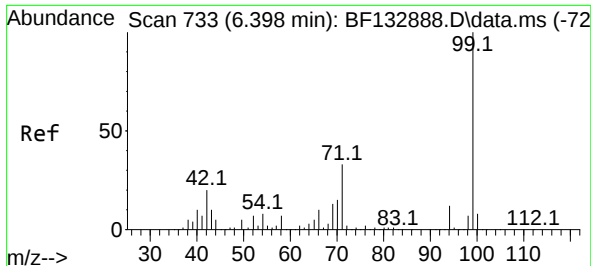
Tgt Ion:152 Resp: 239485
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 152.155 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.012 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Tgt Ion:112 Resp: 2330341
Ion Ratio Lower Upper
112 100
64 60.0 51.8 77.8
63 30.3 26.3 39.5

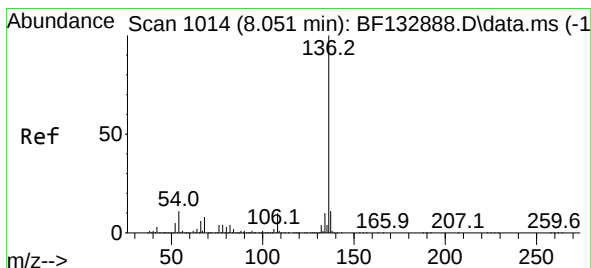
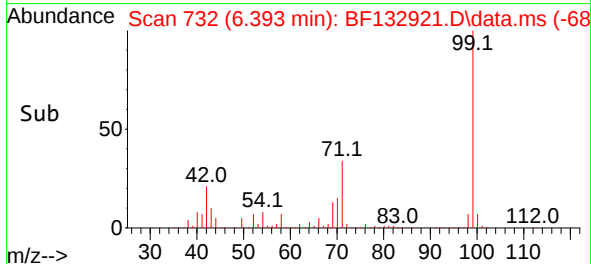
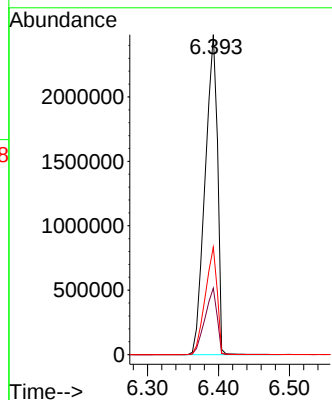
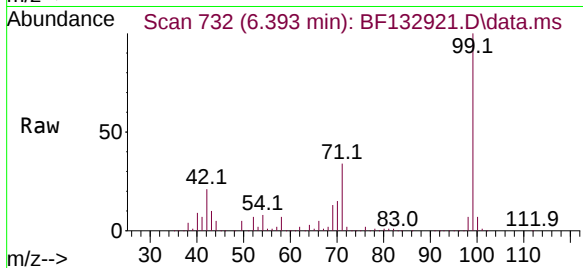




#7
Phenol-d6
Concen: 152.659 ng
RT: 6.393 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

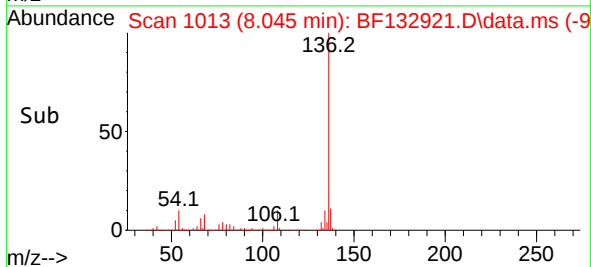
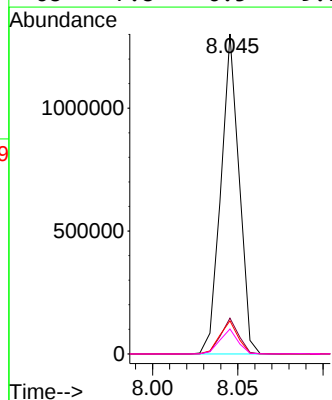
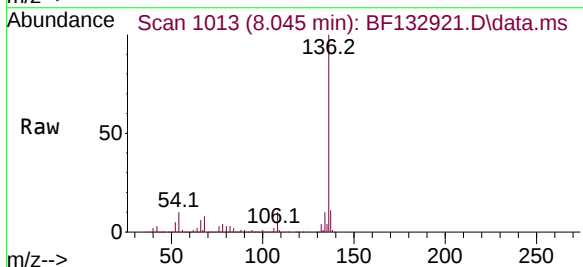
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

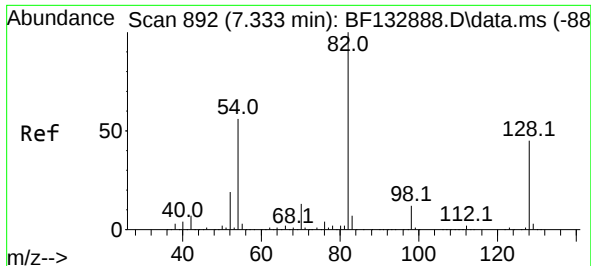
Tgt Ion: 99 Resp: 2983452
Ion Ratio Lower Upper
99 100
42 20.8 16.1 24.1
71 33.6 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Tgt Ion: 136 Resp: 964702
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.3 8.9 13.3
68 7.8 6.5 9.7





#23

Nitrobenzene-d5

Concen: 97.479 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

Instrument :

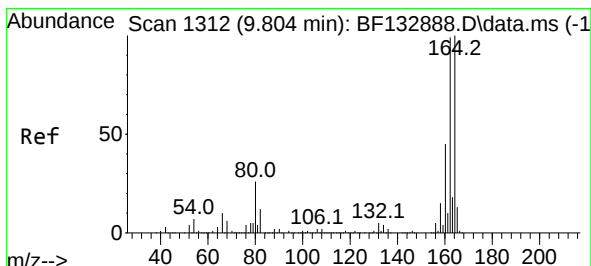
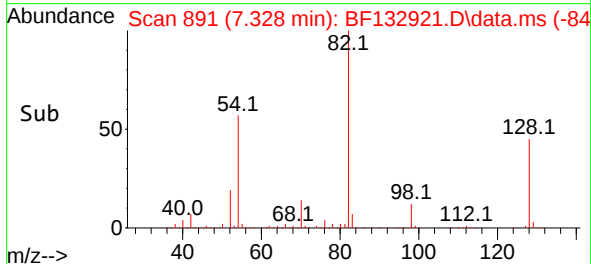
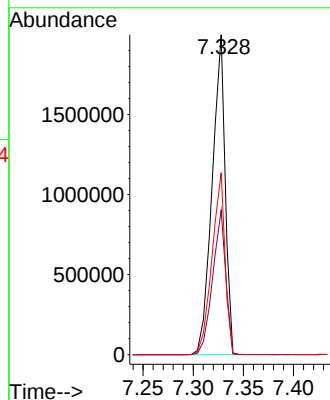
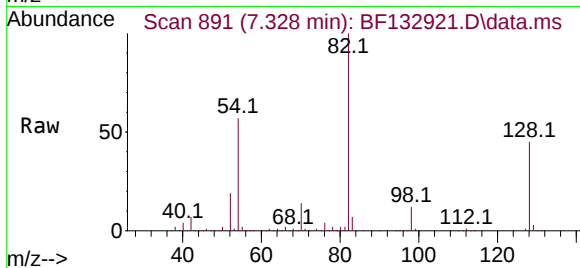
BNA_F

ClientSampleId :

20230335-COMP-13

Tgt Ion: 82 Resp: 1804091

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	56.9	44.7	67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

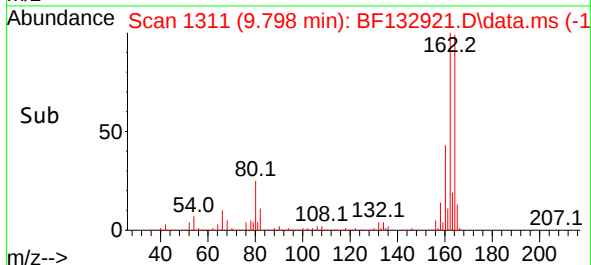
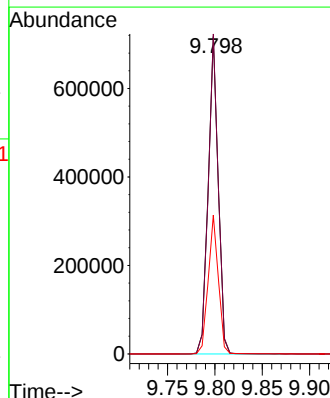
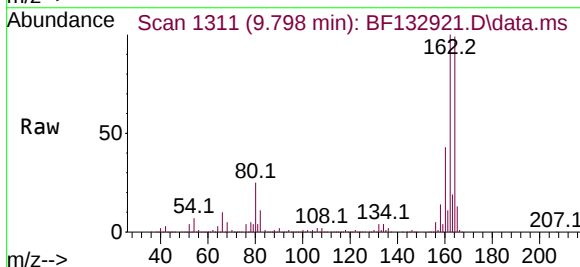
Delta R.T. -0.006 min

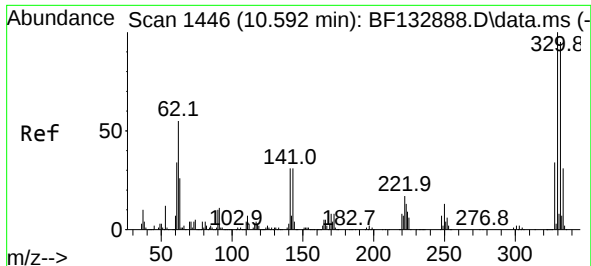
Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

Tgt Ion: 164 Resp: 529664

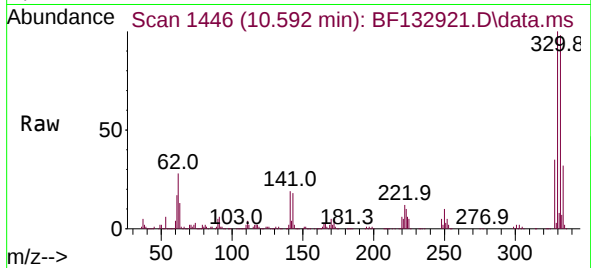
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.1	118.7
160	43.8	35.6	53.4



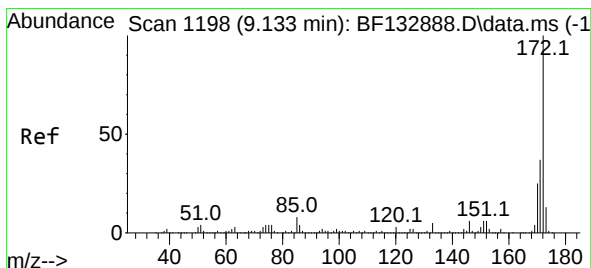
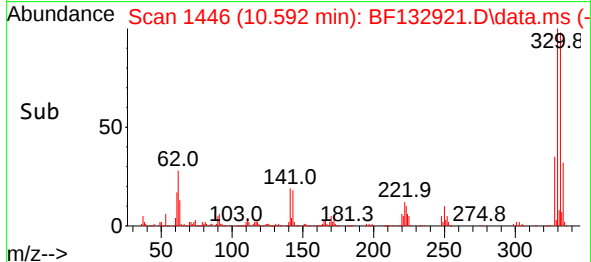
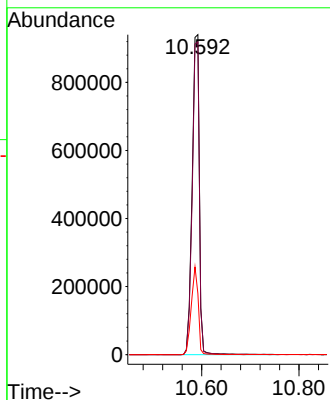


#42
 2,4,6-Tribromophenol
 Concen: 179.415 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. 0.000 min
 Lab File: BF132921.D
 Acq: 19 Apr 2023 20:09

Instrument :
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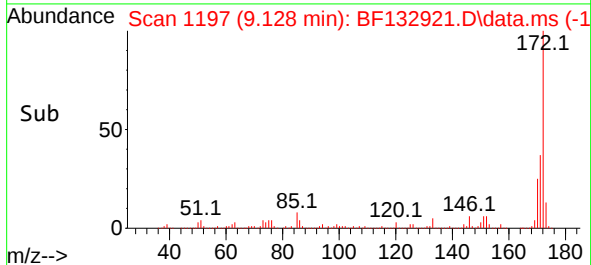
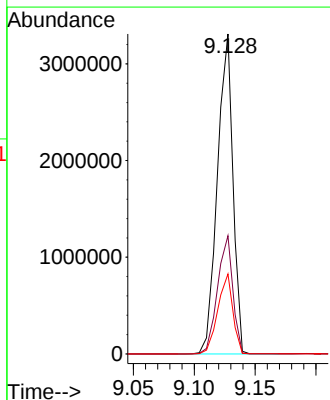
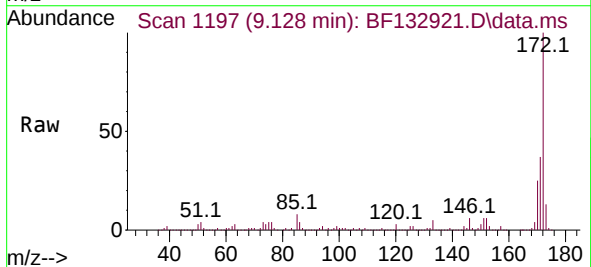


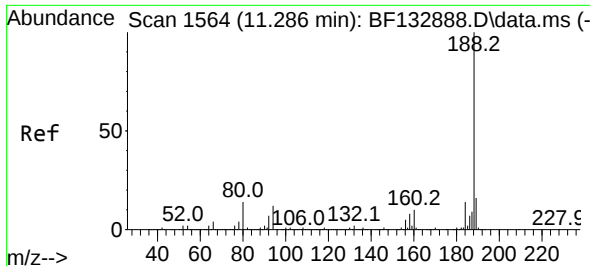
Tgt Ion:330 Resp: 953153
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.3 114.5
 141 26.6 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 84.931 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.006 min
 Lab File: BF132921.D
 Acq: 19 Apr 2023 20:09

Tgt Ion:172 Resp: 2928282
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 20.1 30.1

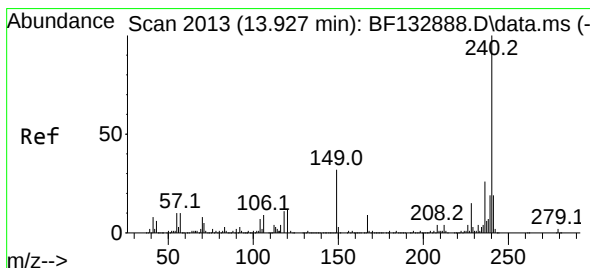
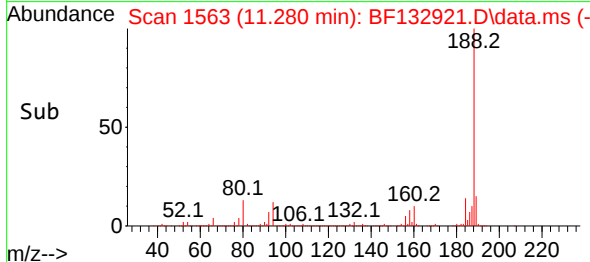
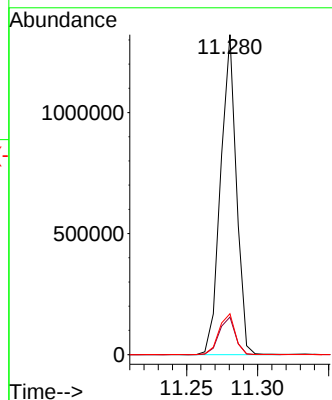
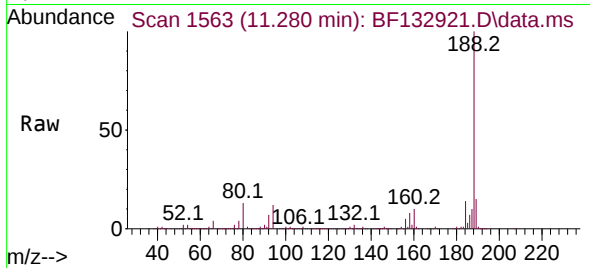




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

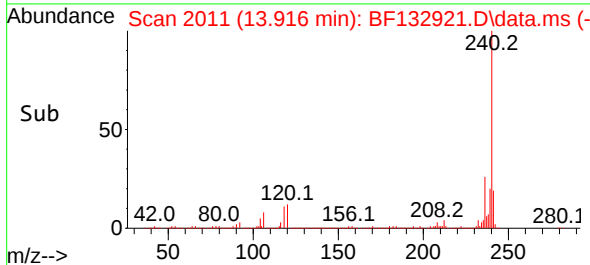
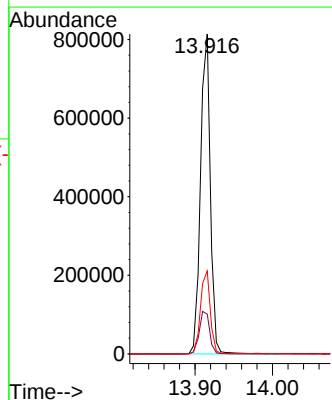
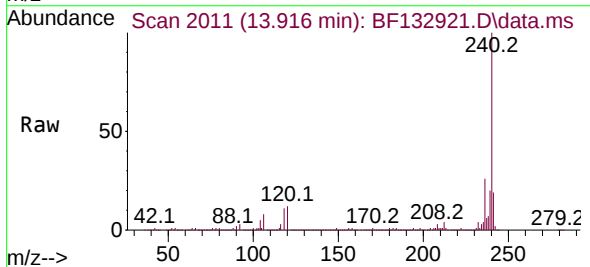
Instrument :
BNA_F
ClientSampleId :
20230335-COMP-13

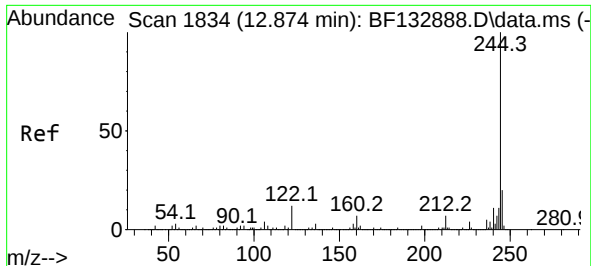
Tgt Ion:188 Resp: 1026034
Ion Ratio Lower Upper
188 100
94 11.7 9.9 14.9
80 12.8 10.8 16.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF132921.D
Acq: 19 Apr 2023 20:09

Tgt Ion:240 Resp: 715931
Ion Ratio Lower Upper
240 100
120 12.4 10.0 15.0
236 26.0 20.8 31.2





#79

Terphenyl-d14

Concen: 94.068 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.000 min

Lab File: BF132921.D

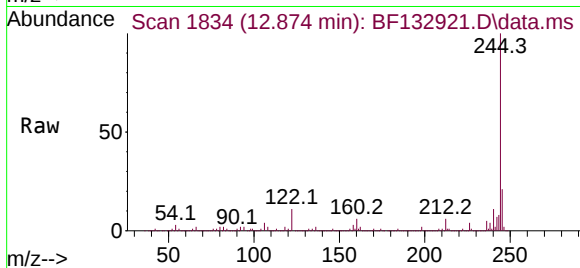
Acq: 19 Apr 2023 20:09

Instrument :

BNA_F

ClientSampleId :

20230335-COMP-13



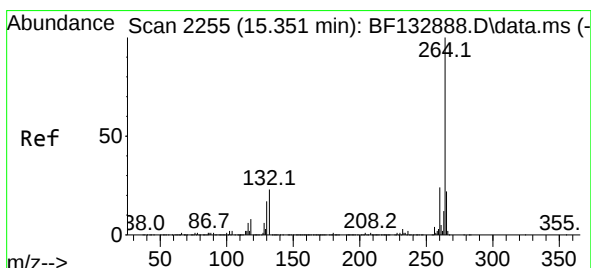
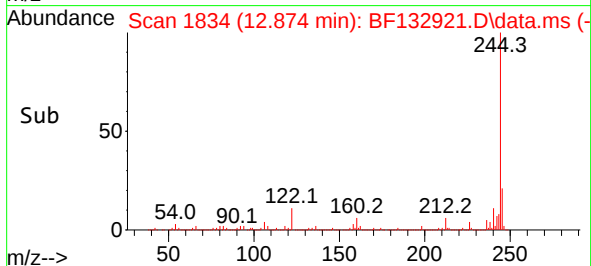
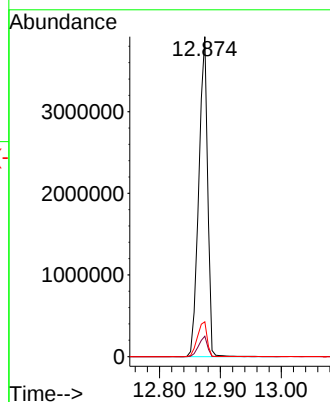
Tgt Ion:244 Resp: 3947438

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 10.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF132921.D

Acq: 19 Apr 2023 20:09

Tgt Ion:264 Resp: 572687

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.4 17.7 26.5

