

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128421.D
 Acq On : 24 May 2022 01:35
 Operator : CG\JU
 Sample : N2873-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P032-SS001-0006-01

Quant Time: May 24 02:38:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117224	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	434377	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	215526	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	313951	20.000	ng	0.00
76) Chrysene-d12	14.033	240	244581	20.000	ng	#-0.02
86) Perylene-d12	15.521	264	236488	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	620538	84.241	ng	0.00
7) Phenol-d6	6.493	99	791397	81.589	ng	0.00
23) Nitrobenzene-d5	7.422	82	549545	56.684	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	157797	70.993	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	838180	63.598	ng	0.00
79) Terphenyl-d14	12.969	244	644445	50.864	ng	-0.01

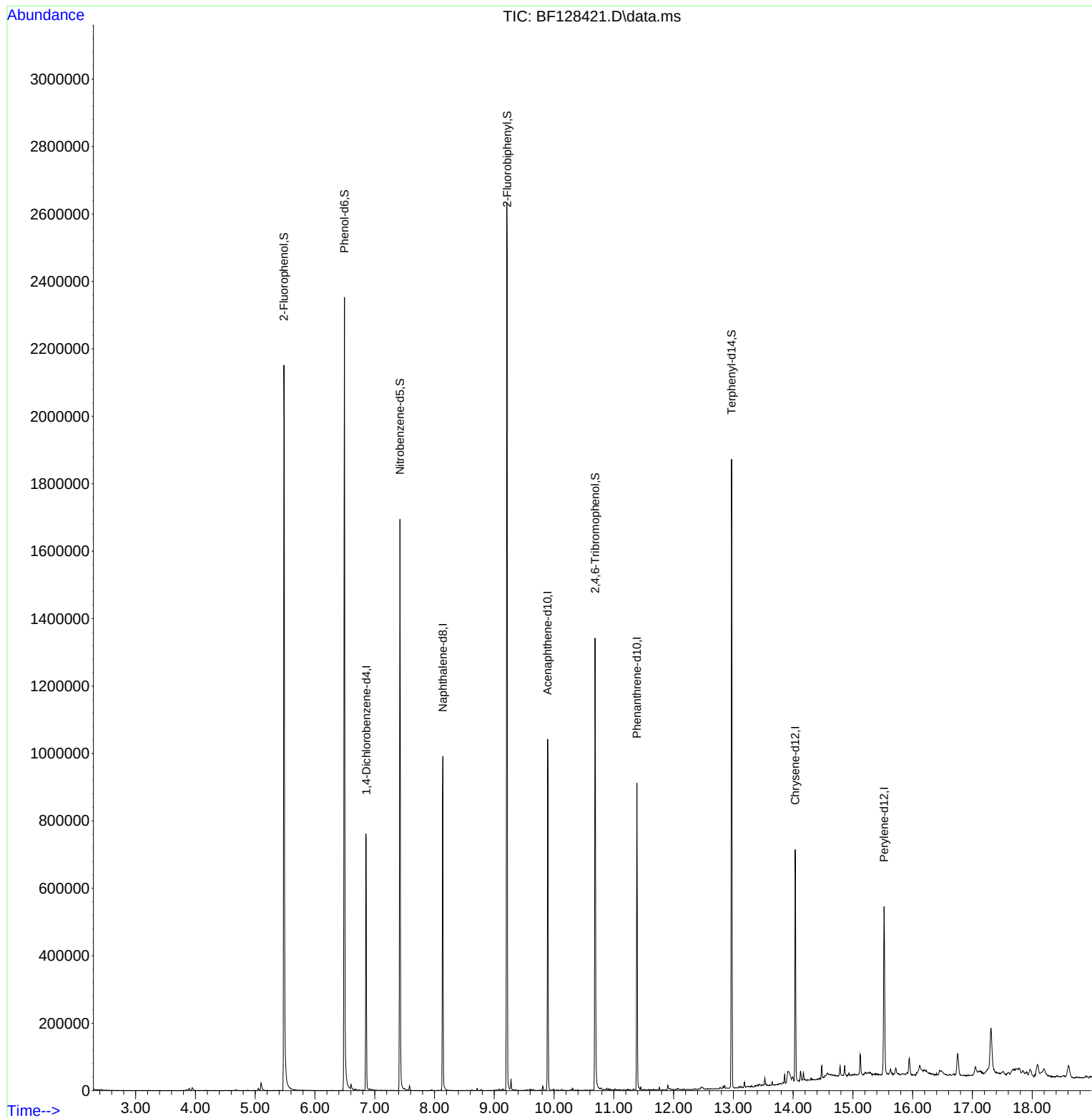
Target Compounds	Qvalue

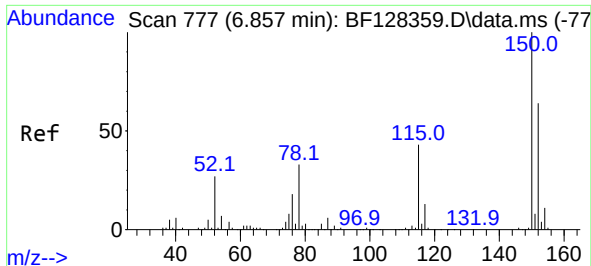
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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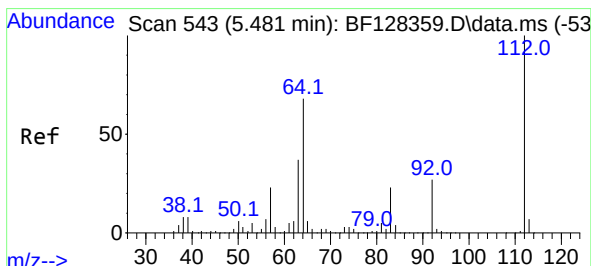
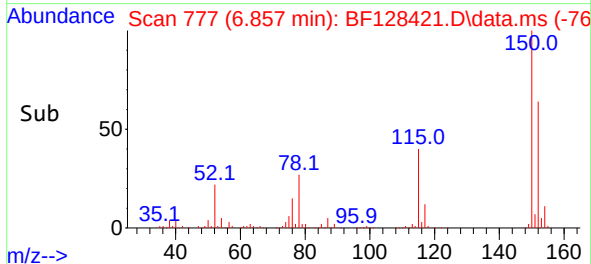
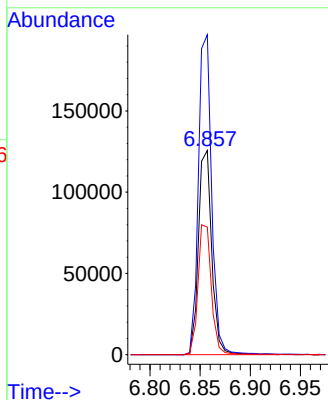
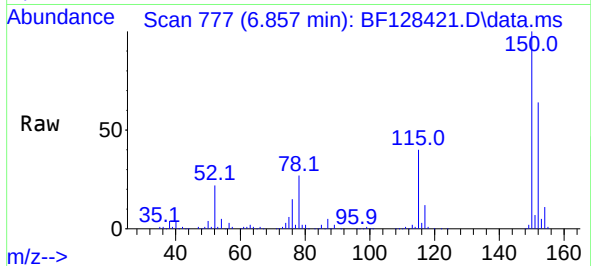




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

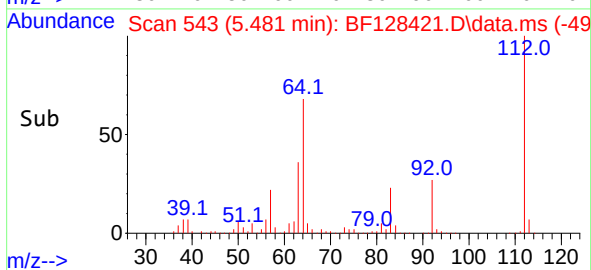
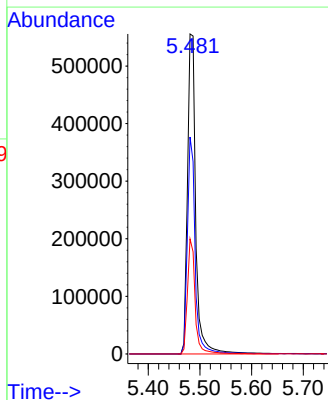
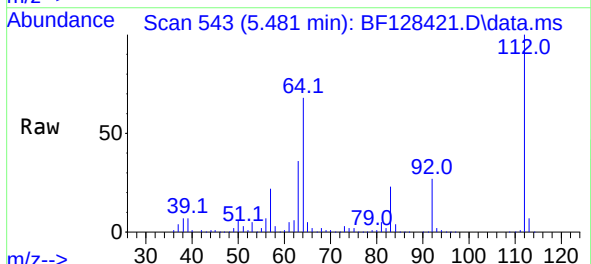
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

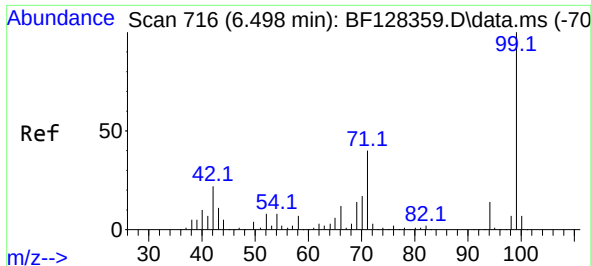
Tgt Ion:152 Resp: 117224
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 62.5 48.8 73.2



#5
2-Fluorophenol
Concen: 84.241 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion:112 Resp: 620538
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 35.9 26.3 39.5

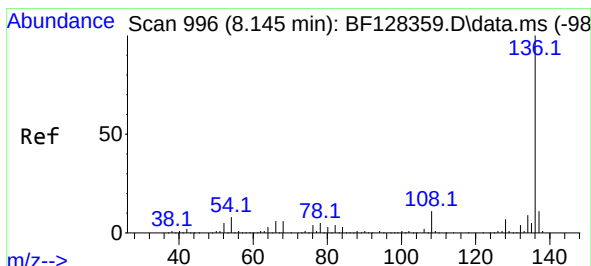
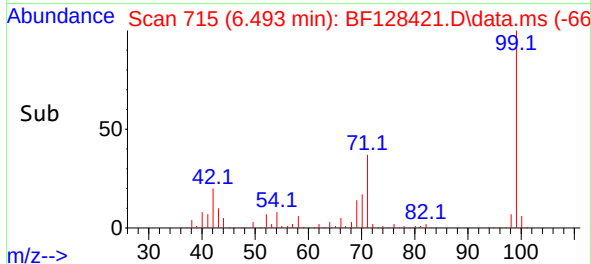
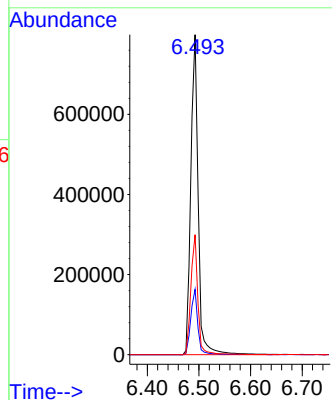
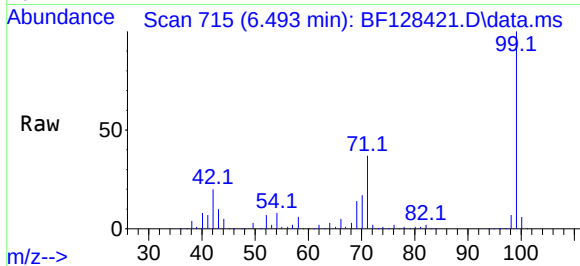




#7
Phenol-d6
Concen: 81.589 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

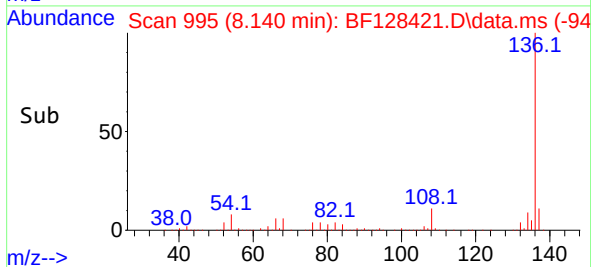
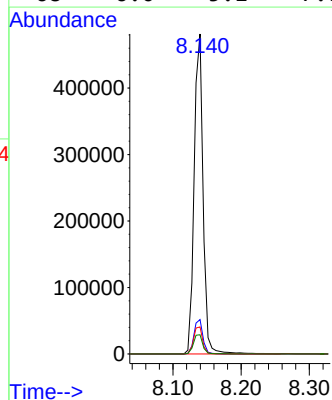
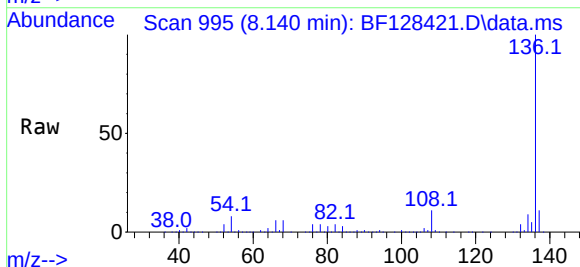
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

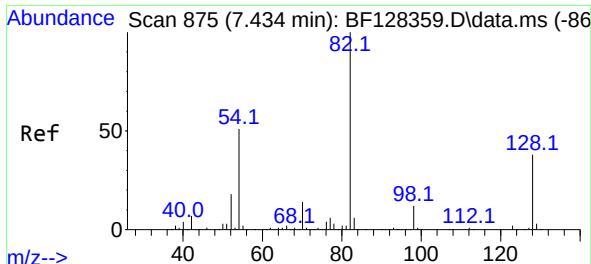
Tgt Ion: 99 Resp: 791397
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.005 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion: 136 Resp: 434377
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.8 10.2
68 6.0 5.1 7.7

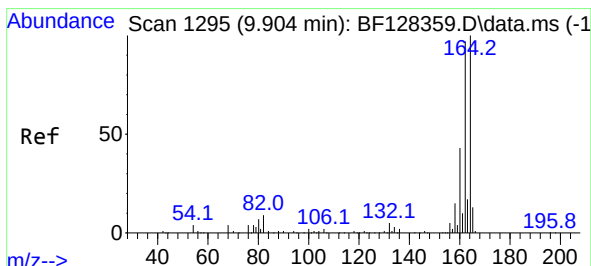
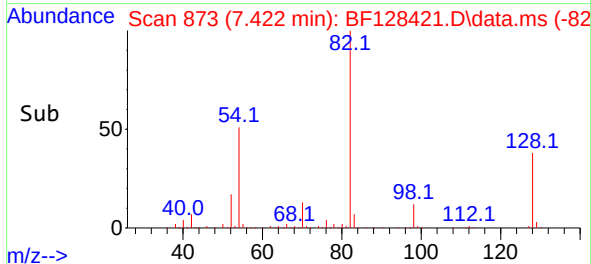
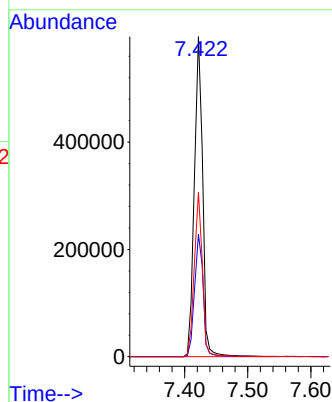
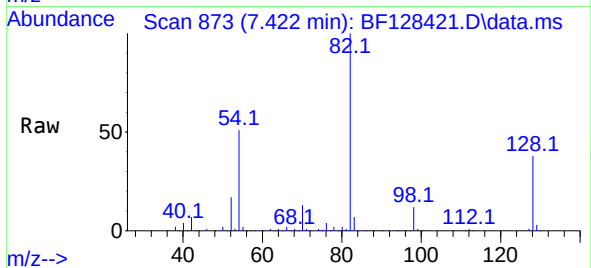




#23
Nitrobenzene-d5
Concen: 56.684 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

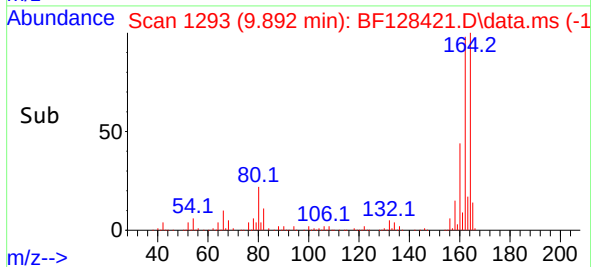
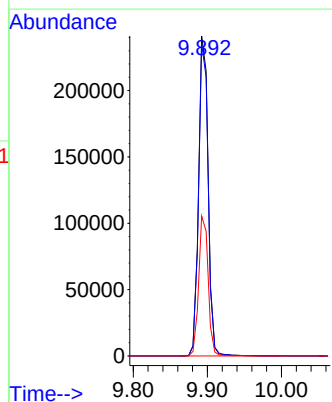
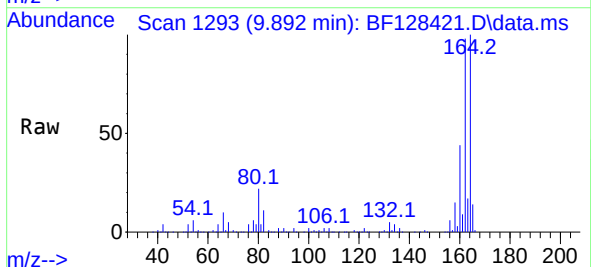
Instrument :
BNA_F
ClientSampleId :
P032-SS001-0006-01

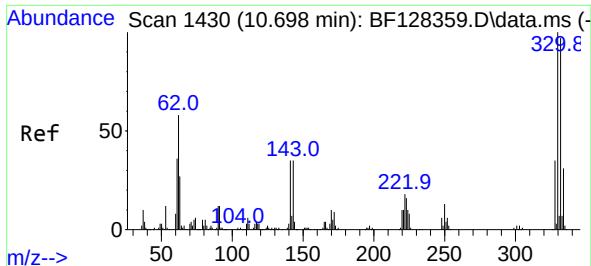
Tgt Ion: 82 Resp: 549545
Ion Ratio Lower Upper
82 100
128 38.3 30.0 45.0
54 51.4 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

Tgt Ion:164 Resp: 215526
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 70.993 ng

RT: 10.686 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF128421.D

Acq: 24 May 2022 01:35

Instrument :

BNA_F

ClientSampleId :

P032-SS001-0006-01

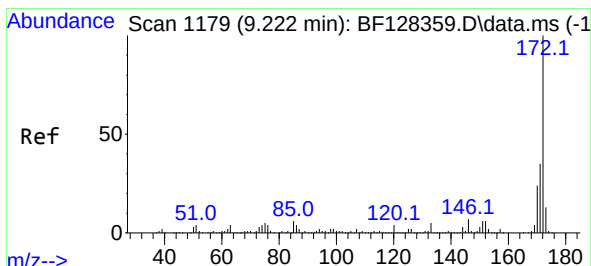
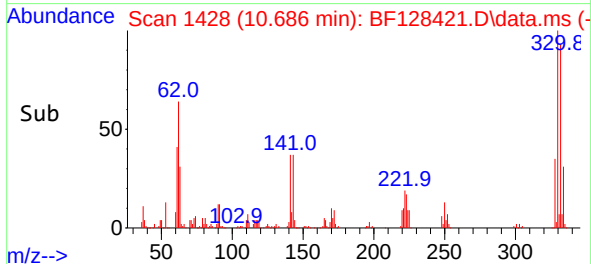
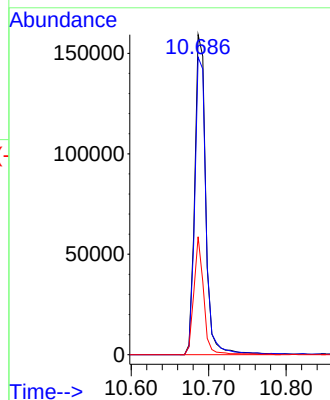
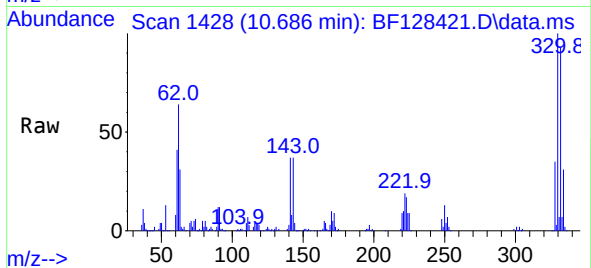
Tgt Ion:330 Resp: 157797

Ion Ratio Lower Upper

330 100

332 94.9 79.0 118.4

141 32.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 63.598 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128421.D

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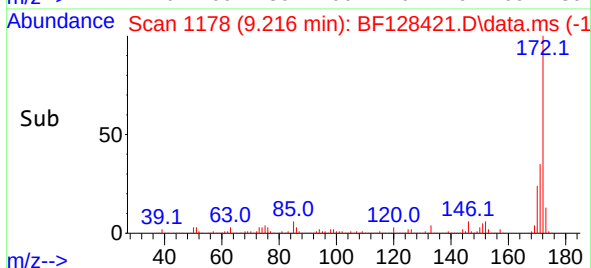
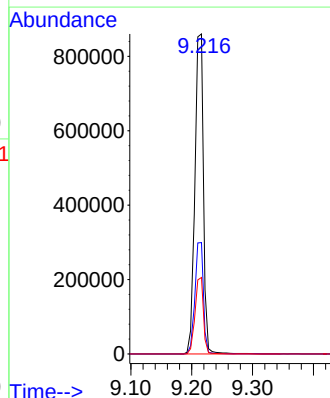
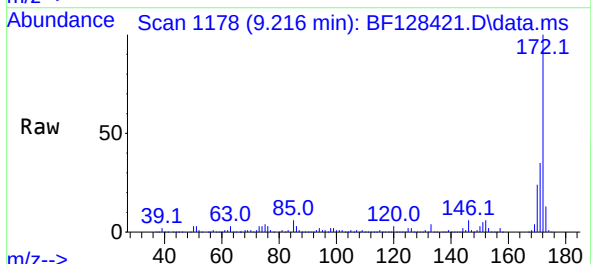
Tgt Ion:172 Resp: 838180

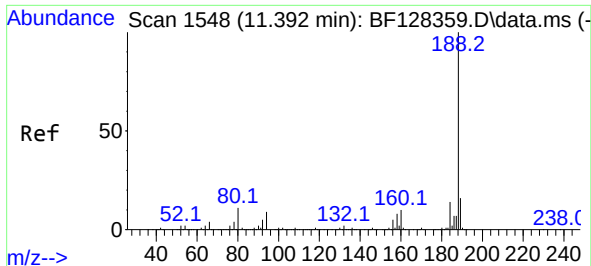
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.9 19.1 28.7

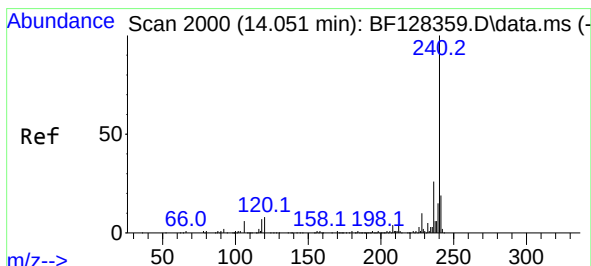
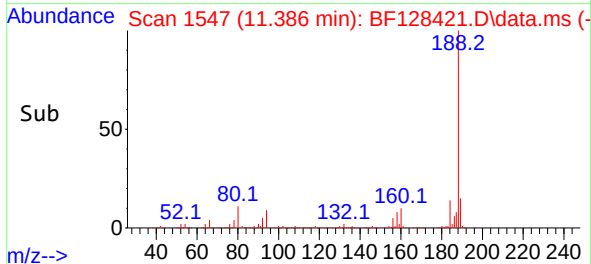
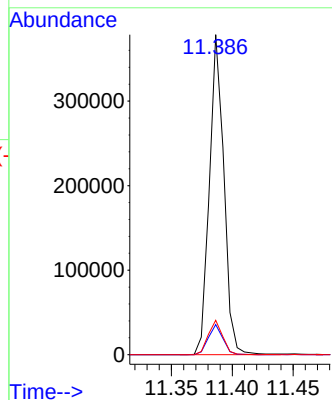
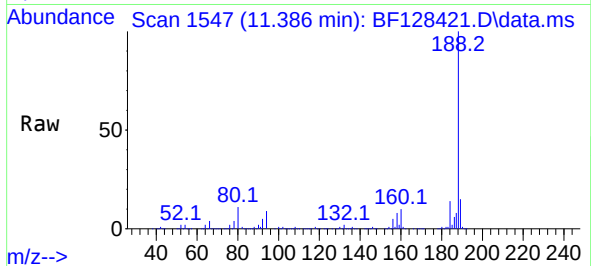




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

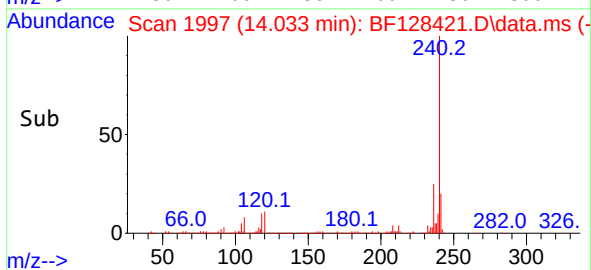
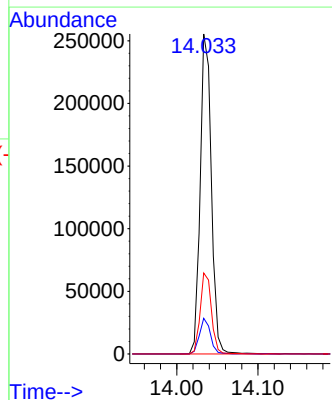
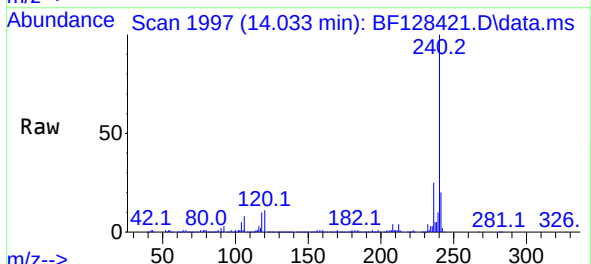
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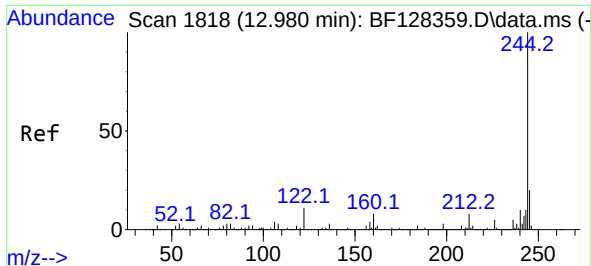
Tgt Ion:188 Resp: 313951
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.018 min
Lab File: BF128421.D
Acq: 24 May 2022 01:35

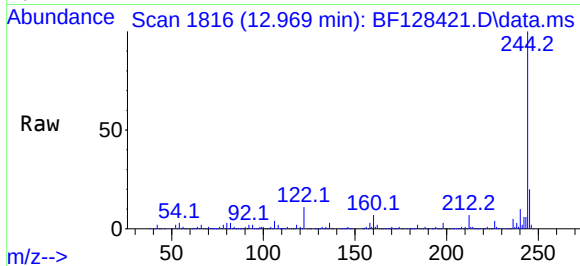
Tgt Ion:240 Resp: 244581
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 25.3 20.3 30.5



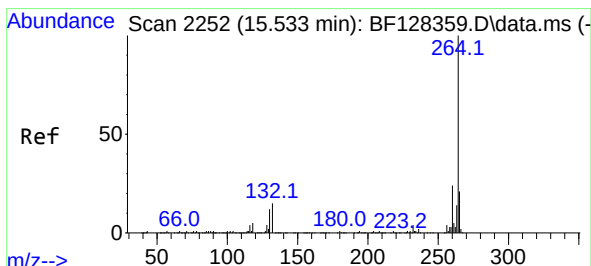
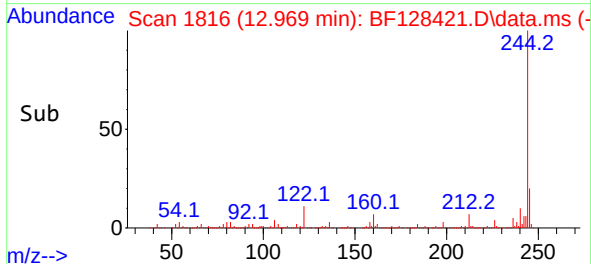
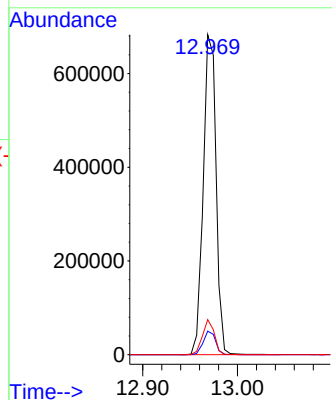


#79
 Terphenyl-d14
 Concen: 50.864 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128421.D
 Acq: 24 May 2022 01:35

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 P032-SS001-0006-01



Tgt Ion:244 Resp: 644445
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 11.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2250
 Delta R.T. -0.012 min
 Lab File: BF128421.D
 Acq: 24 May 2022 01:35

Tgt Ion:264 Resp: 236488
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.0 17.5 26.3

