

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128564.D
 Acq On : 29 May 2022 11:36
 Operator : CG\JU
 Sample : PB145191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145191BL

Quant Time: May 30 00:50:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	152601	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	584983	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	333756	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	620507	20.000	ng	0.00
76) Chrysene-d12	14.004	240	527190	20.000	ng	# 0.00
86) Perylene-d12	15.469	264	438605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1141025	123.852	ng	0.01
7) Phenol-d6	6.463	99	1453994	123.780	ng	0.00
23) Nitrobenzene-d5	7.398	82	1001021	98.716	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	443014	139.453	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1846407	89.879	ng	0.00
79) Terphenyl-d14	12.957	244	2148069	78.719	ng	0.00

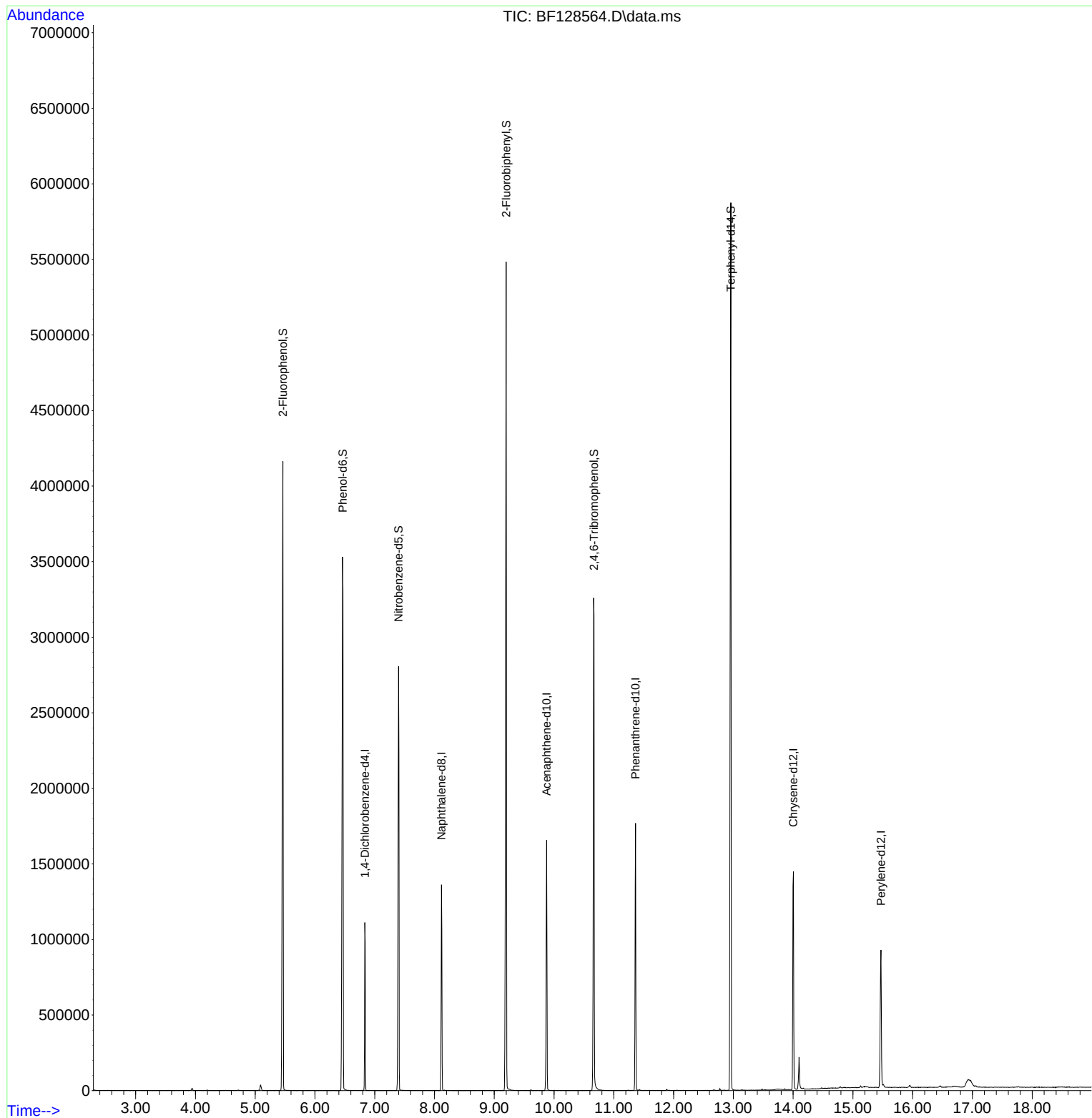
Target Compounds	Qvalue

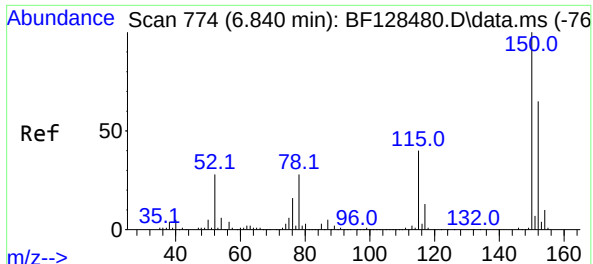
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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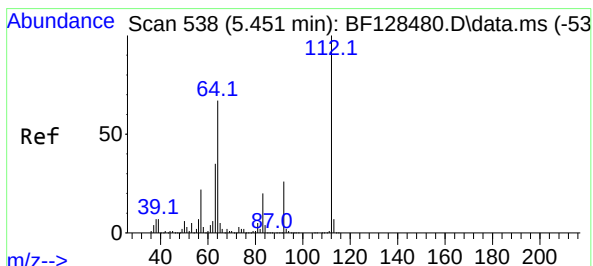
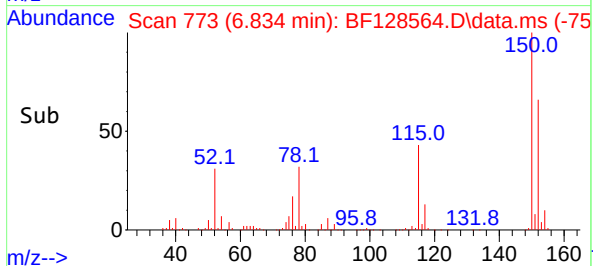
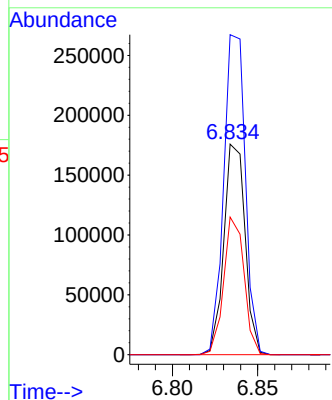
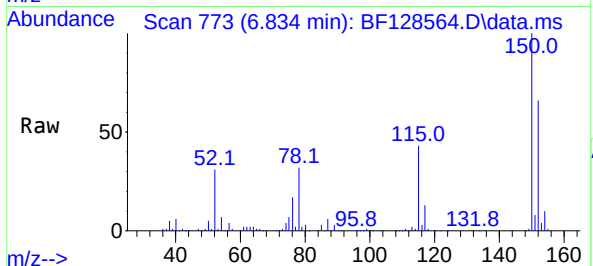




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

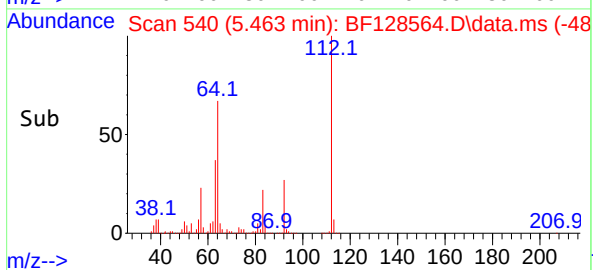
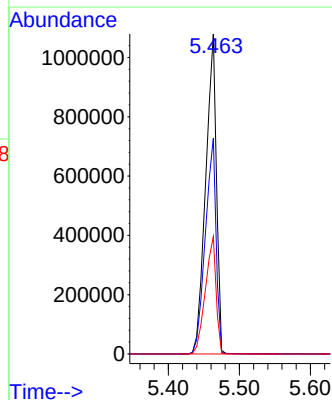
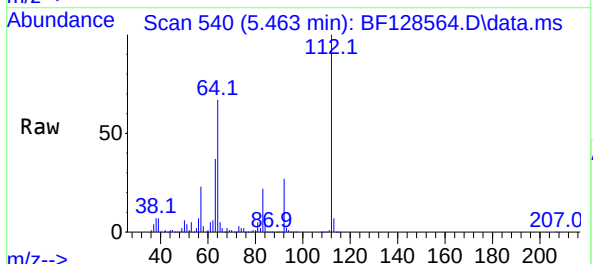
Instrument :
BNA_F
ClientSampleId :
PB145191BL

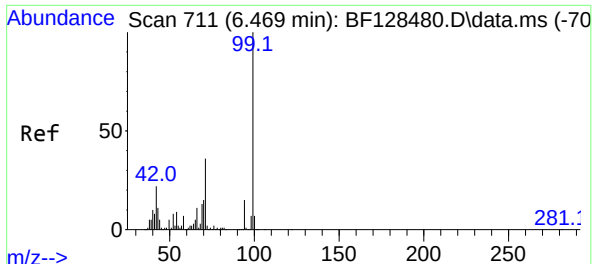
Tgt Ion:152 Resp: 152601
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 123.852 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:112 Resp: 1141025
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 36.7 28.0 42.0

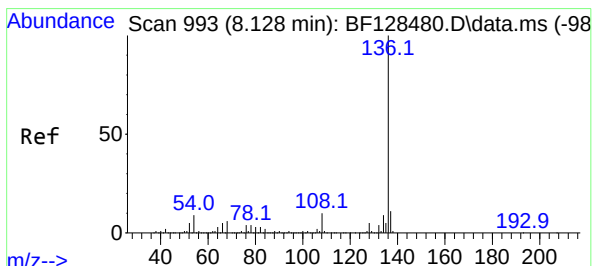
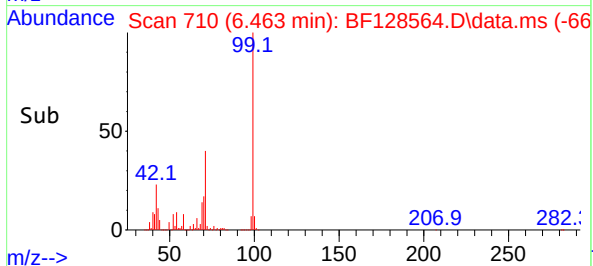
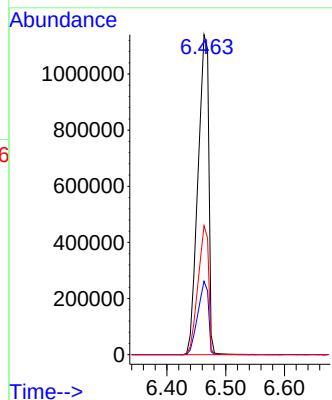
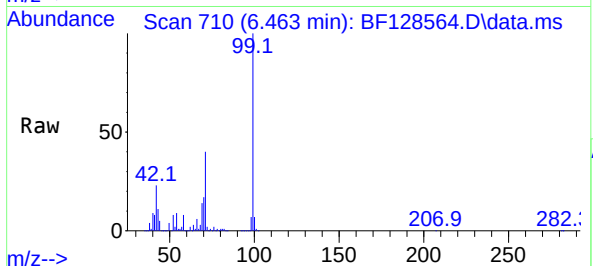




#7
Phenol-d6
Concen: 123.780 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

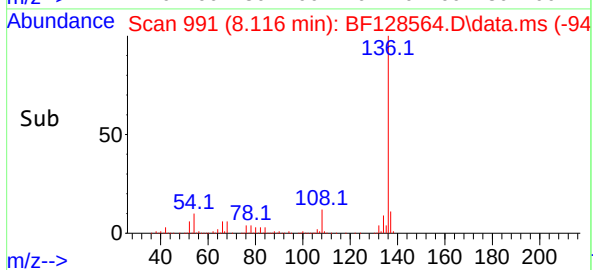
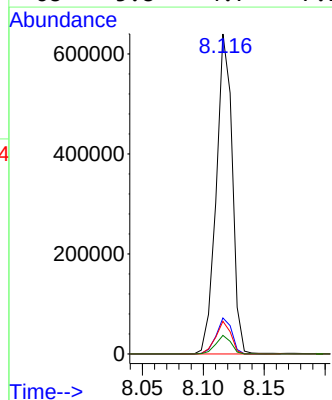
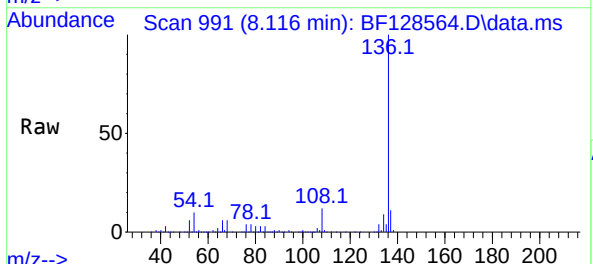
Instrument :
BNA_F
ClientSampleId :
PB145191BL

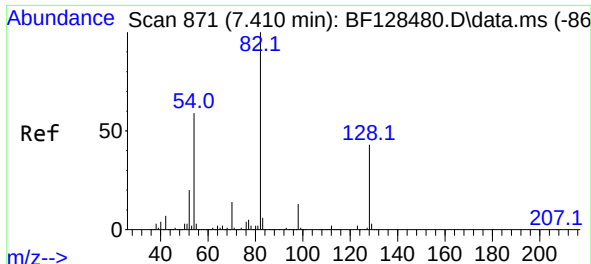
Tgt Ion: 99 Resp: 1453994
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 40.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

Tgt Ion:136 Resp: 584983
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.5 11.3
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 98.716 ng

RT: 7.398 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

Instrument :

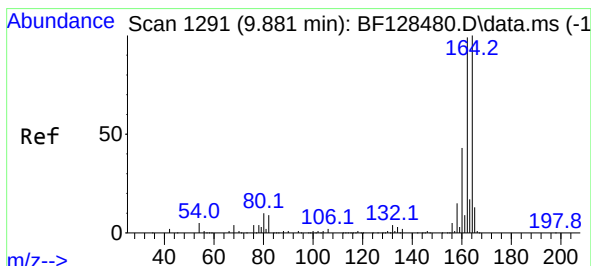
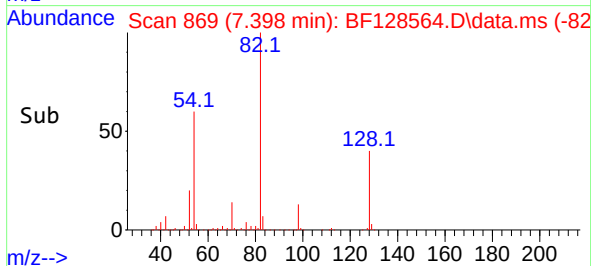
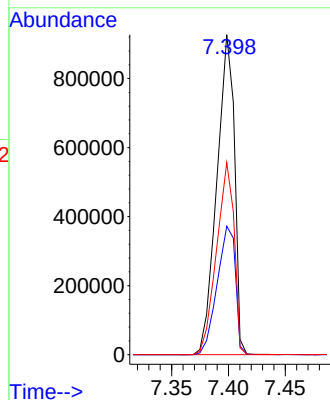
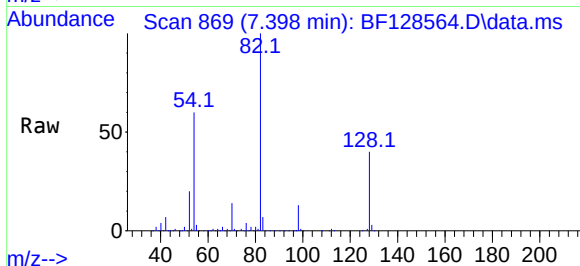
BNA_F

ClientSampleId :

PB145191BL

Tgt Ion: 82 Resp: 1001021

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	60.0	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1290

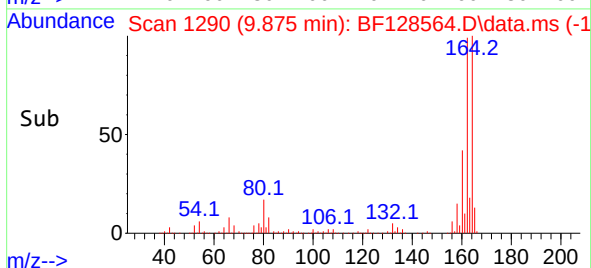
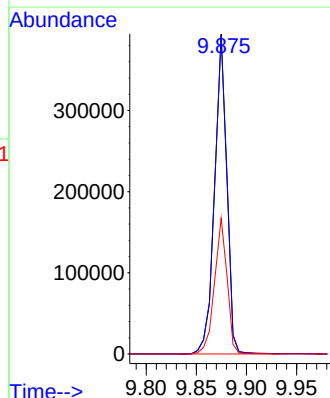
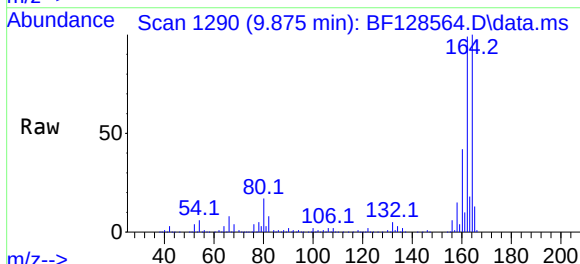
Delta R.T. -0.006 min

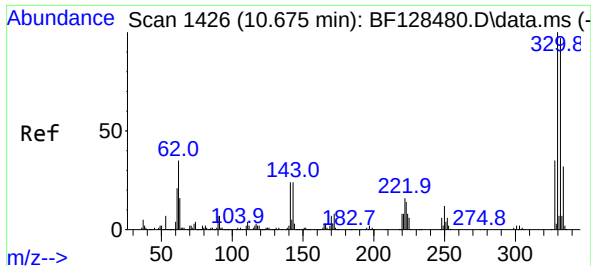
Lab File: BF128564.D

Acq: 29 May 2022 11:36

Tgt Ion: 164 Resp: 333756

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.5	119.3
160	42.4	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 139.453 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

Instrument :

BNA_F

ClientSampleId :

PB145191BL

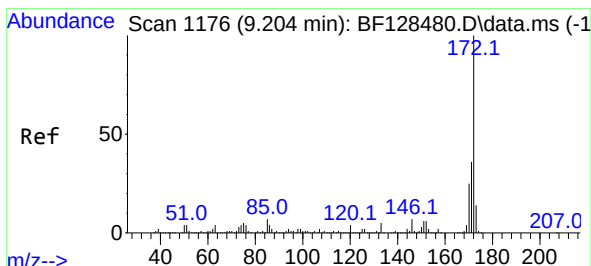
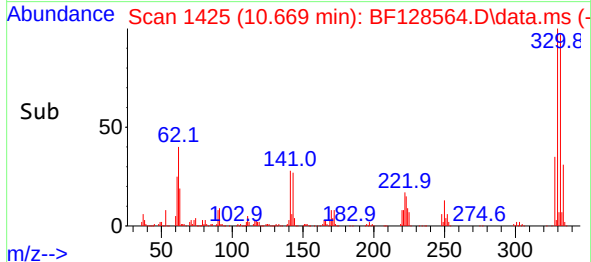
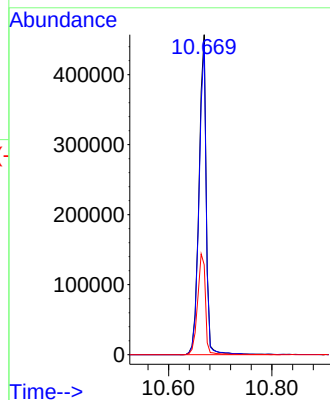
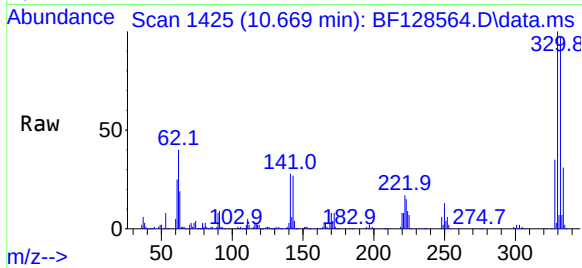
Tgt Ion:330 Resp: 443014

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 89.879 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128564.D

Acq: 29 May 2022 11:36

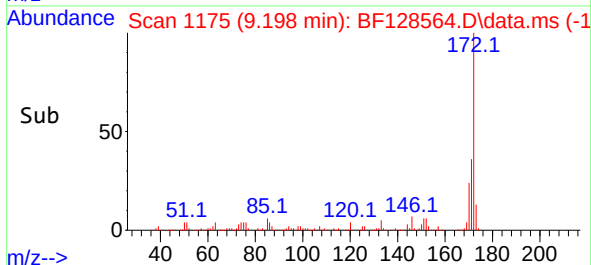
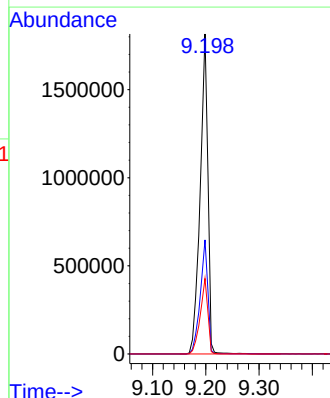
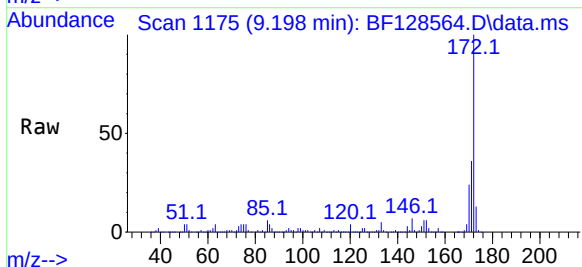
Tgt Ion:172 Resp: 1846407

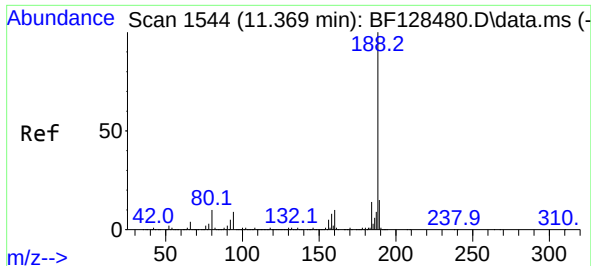
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8

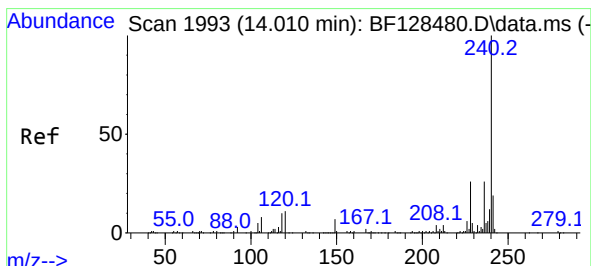
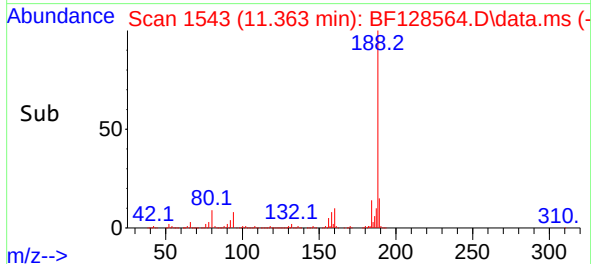
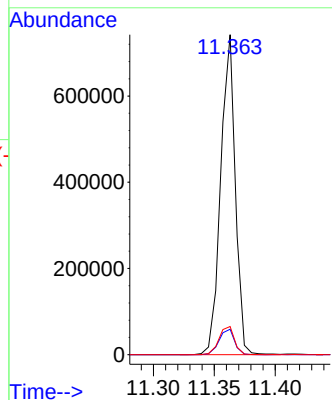
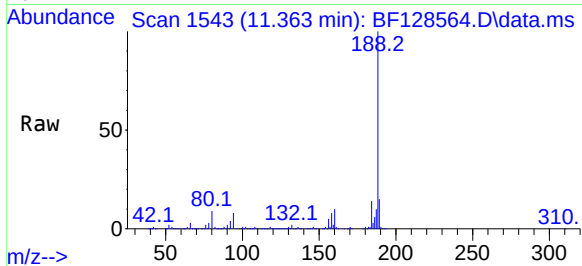




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

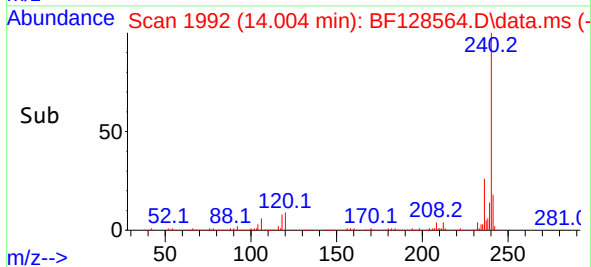
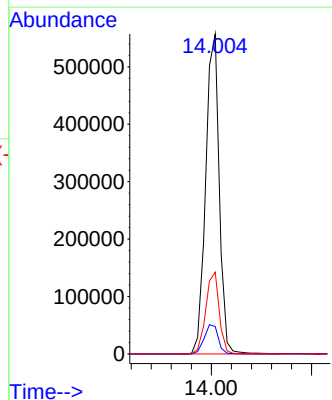
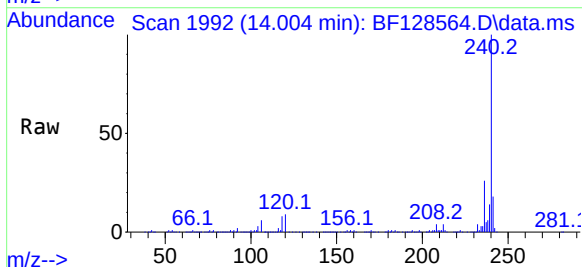
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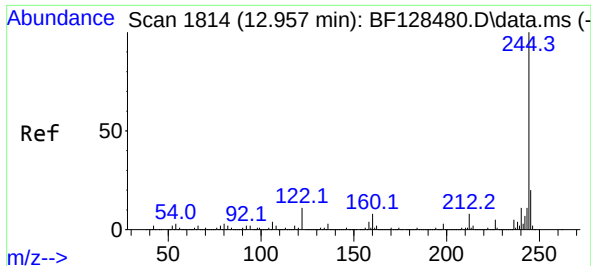
Tgt Ion:188 Resp: 620507
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128564.D
Acq: 29 May 2022 11:36

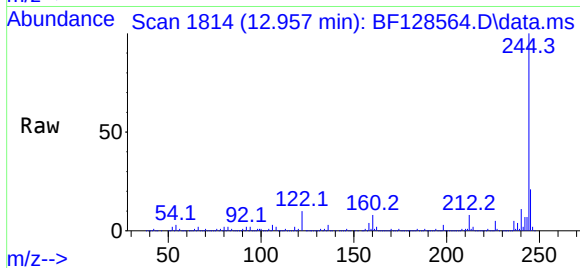
Tgt Ion:240 Resp: 527190
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.5 20.8 31.2





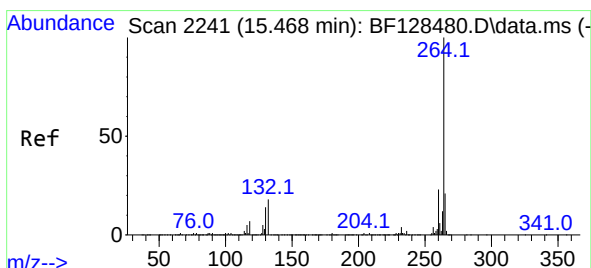
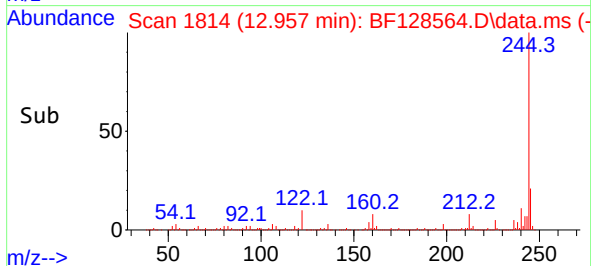
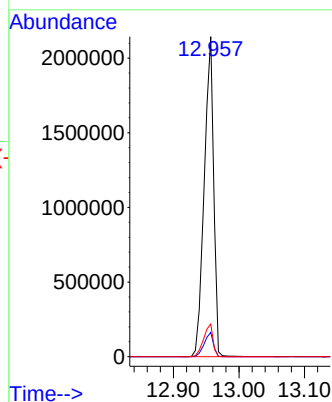
#79
 Terphenyl-d14
 Concen: 78.719 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128564.D
 Acq: 29 May 2022 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB145191BL



Tgt Ion:244 Resp: 2148069

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	10.2	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.469 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF128564.D
 Acq: 29 May 2022 11:36

Tgt Ion:264 Resp: 438605

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.5	17.2	25.8

