

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128031.D
 Acq On : 02 May 2022 17:41
 Operator : CG\JU
 Sample : N2641-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-24

Quant Time: May 02 18:34:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	102461	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	377013	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	193978	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	293744	20.000	ng	0.00
76) Chrysene-d12	14.116	240	218044	20.000	ng	0.00
86) Perylene-d12	15.627	264	151258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	622081	96.704	ng	0.00
7) Phenol-d6	6.557	99	812700	97.364	ng	0.00
23) Nitrobenzene-d5	7.492	82	572662	71.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	170919	87.529	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	913842	79.699	ng	0.00
79) Terphenyl-d14	13.051	244	793229	66.522	ng	0.00

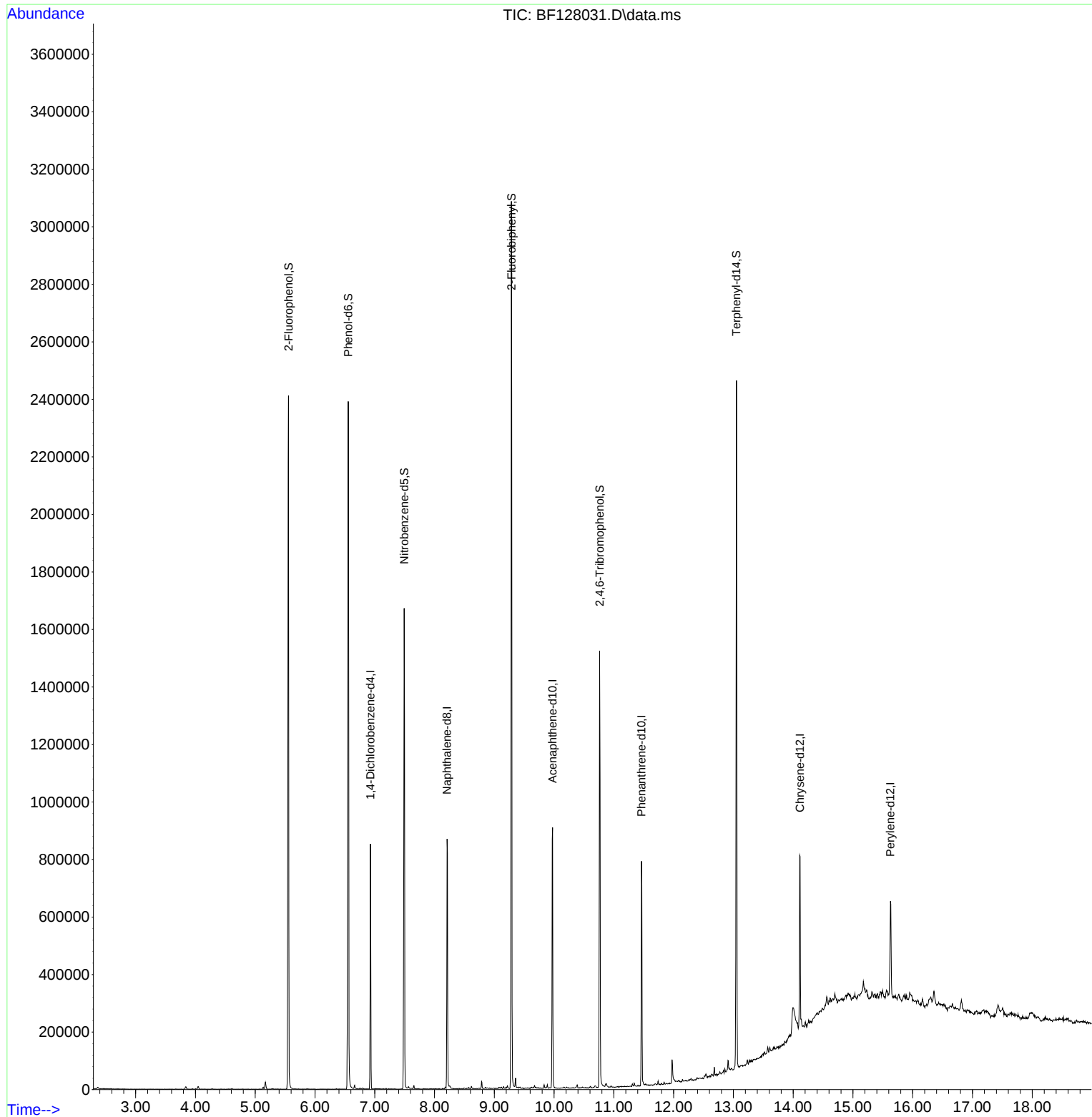
Target Compounds	Qvalue

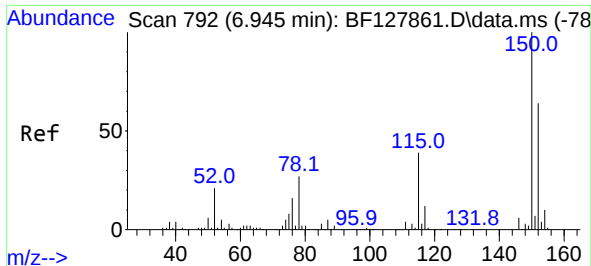
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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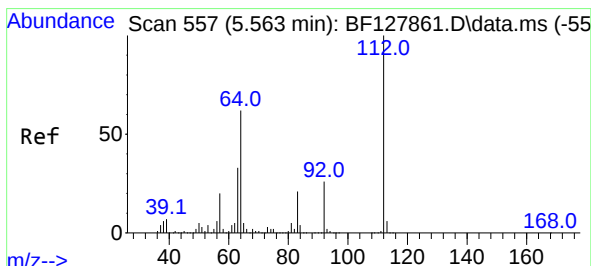
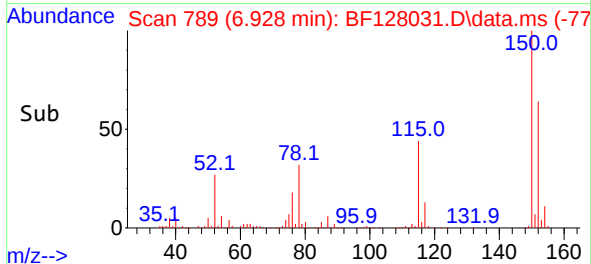
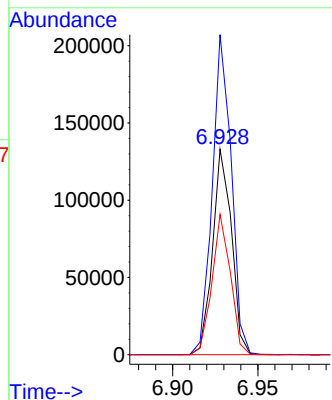
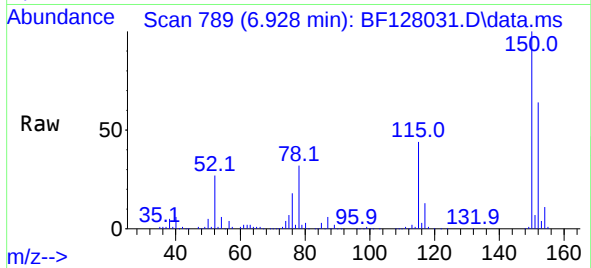




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

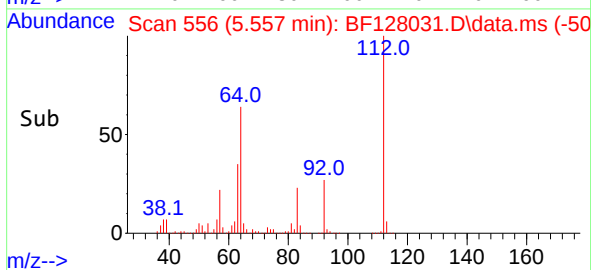
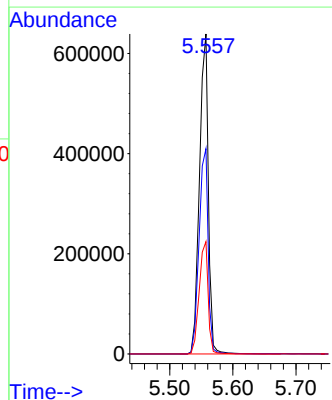
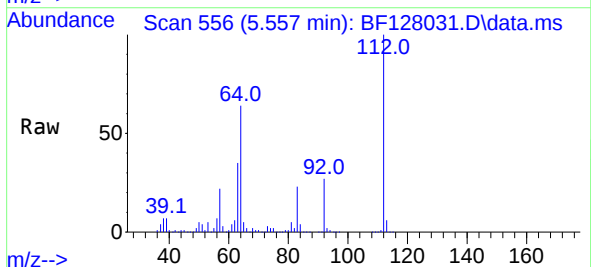
Instrument :
BNA_F
ClientSampleId :
TP-24

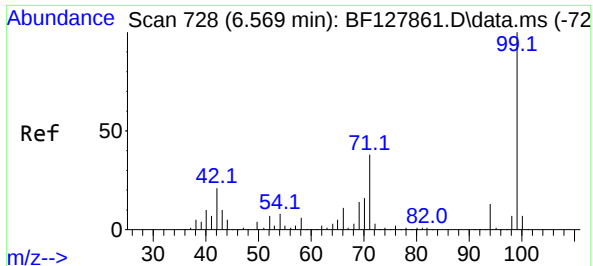
Tgt Ion:152 Resp: 102461
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 68.3 48.8 73.2



#5
2-Fluorophenol
Concen: 96.704 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion:112 Resp: 622081
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 35.1 26.3 39.5

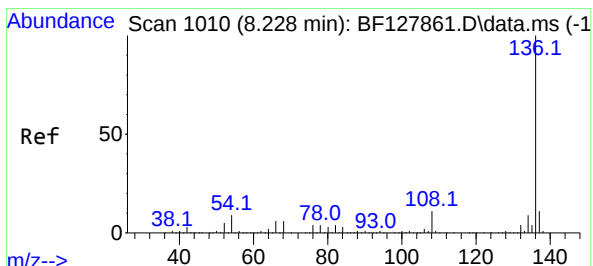
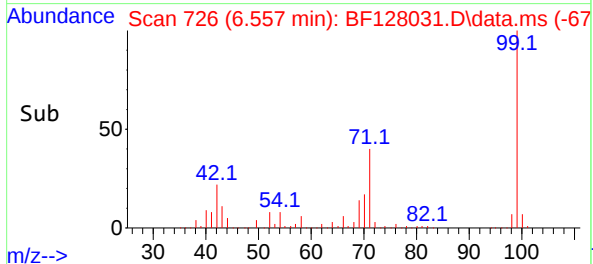
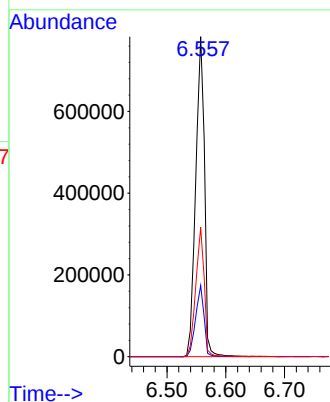
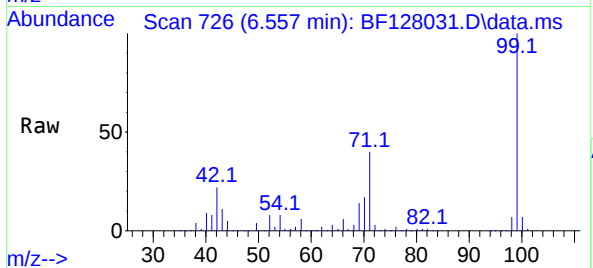




#7
Phenol-d6
Concen: 97.364 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

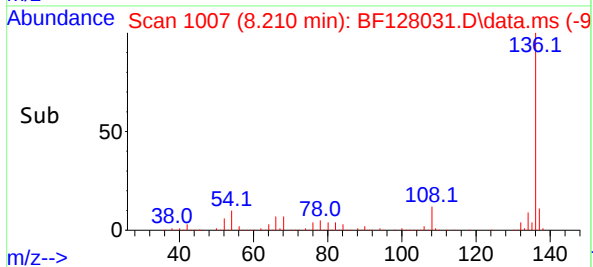
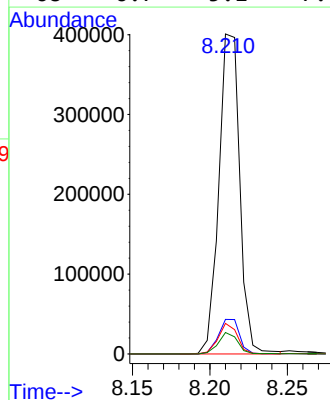
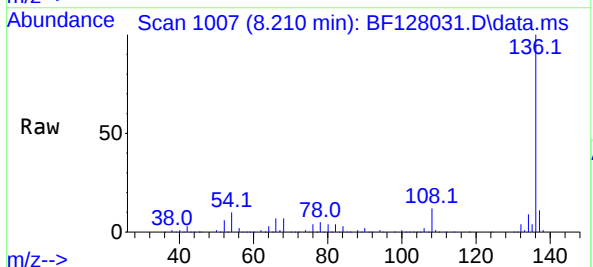
Instrument :
BNA_F
ClientSampleId :
TP-24

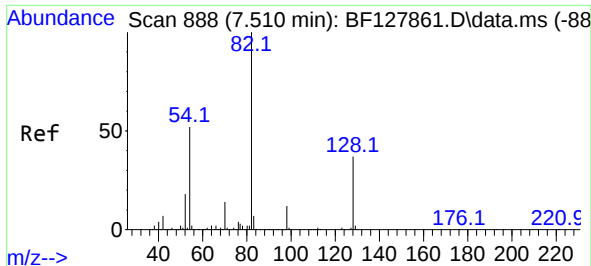
Tgt Ion: 99 Resp: 812700
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 40.4 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion: 136 Resp: 377013
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.5 6.8 10.2
68 6.7 5.1 7.7

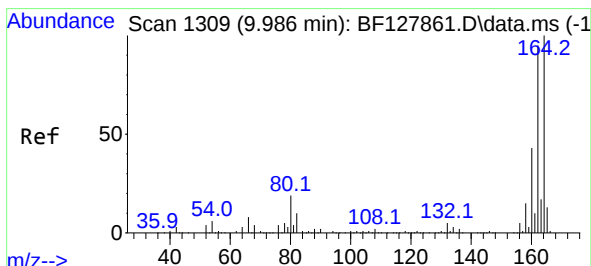
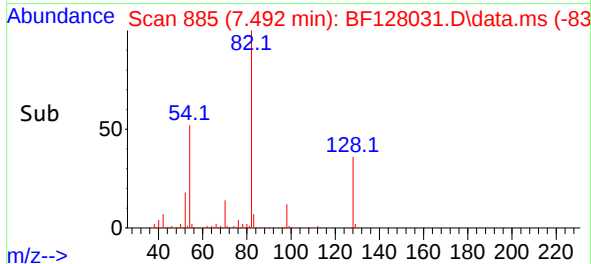
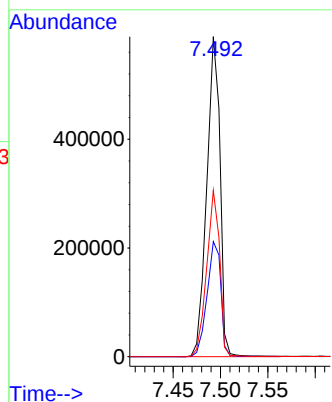
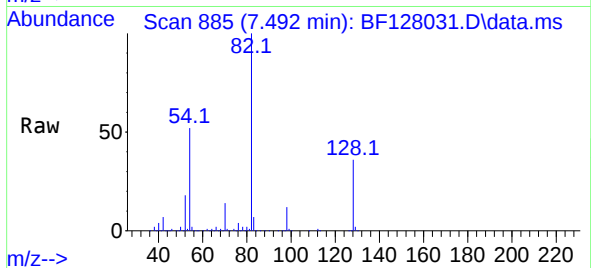




#23
Nitrobenzene-d5
Concen: 71.427 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

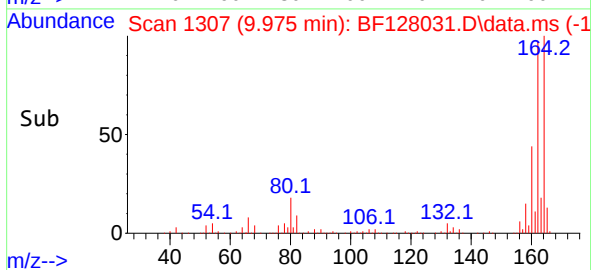
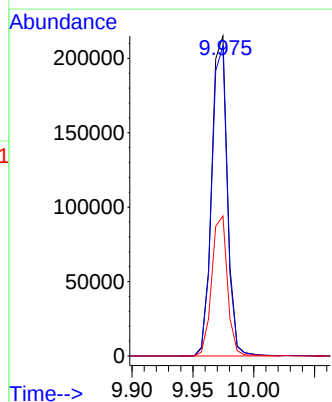
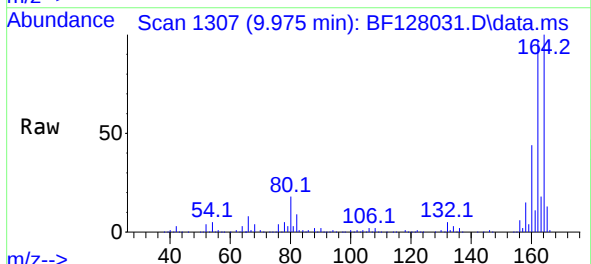
Instrument :
BNA_F
ClientSampleId :
TP-24

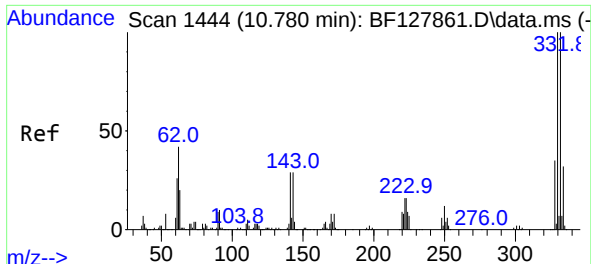
Tgt Ion: 82 Resp: 572662
Ion Ratio Lower Upper
82 100
128 35.9 30.0 45.0
54 51.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion: 164 Resp: 193978
Ion Ratio Lower Upper
164 100
162 96.8 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.529 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128031.D

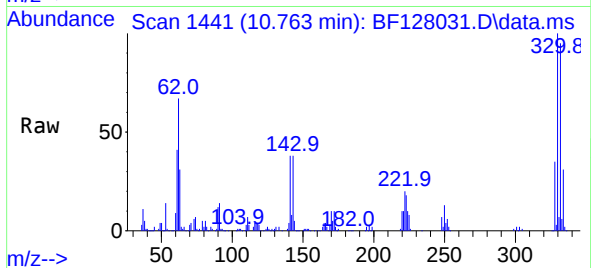
Acq: 02 May 2022 17:41

Instrument :

BNA_F

ClientSampleId :

TP-24



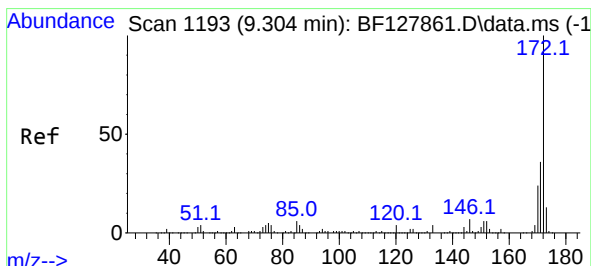
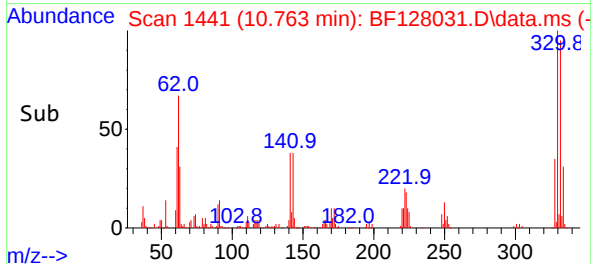
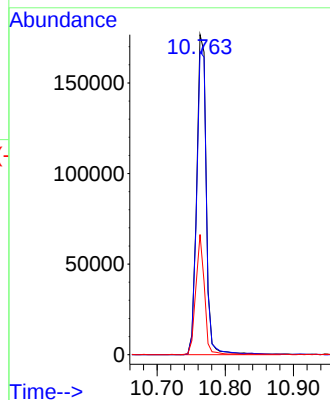
Tgt Ion:330 Resp: 170919

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 79.699 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128031.D

Acq: 02 May 2022 17:41

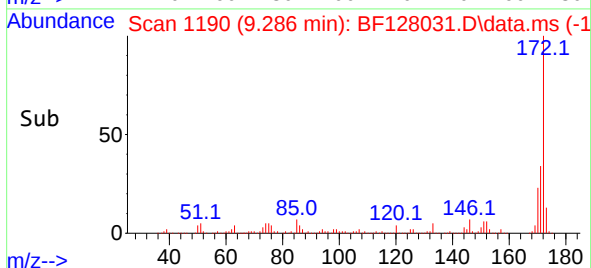
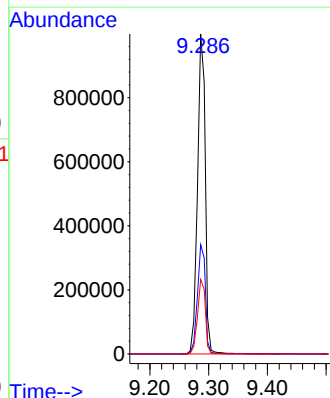
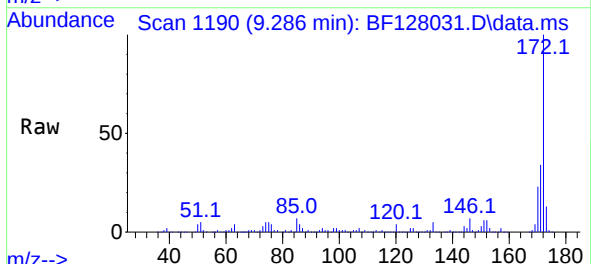
Tgt Ion:172 Resp: 913842

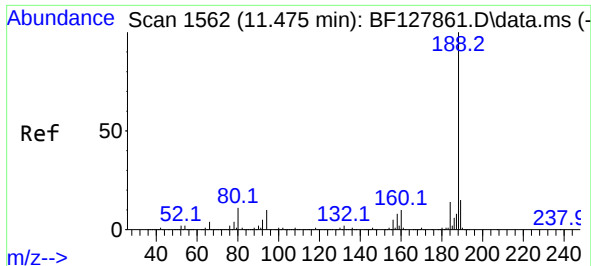
Ion Ratio Lower Upper

172 100

171 34.2 28.6 42.8

170 23.3 19.1 28.7

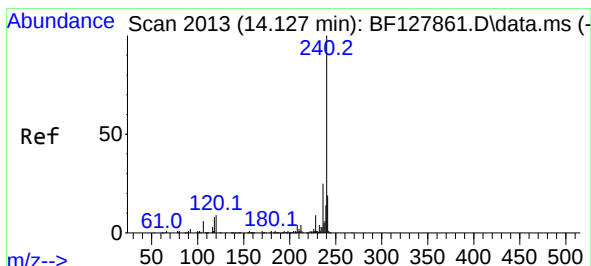
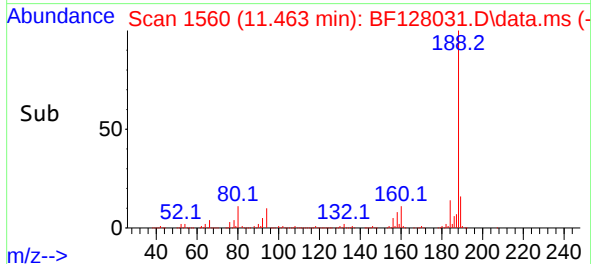
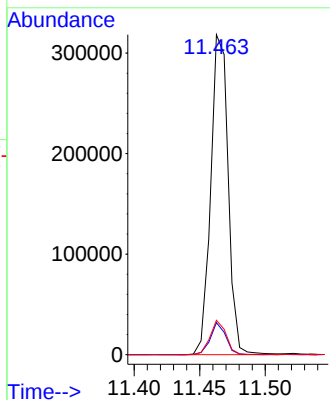
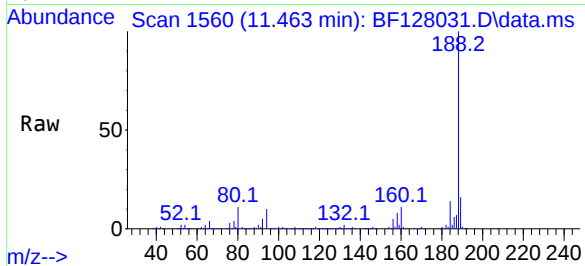




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

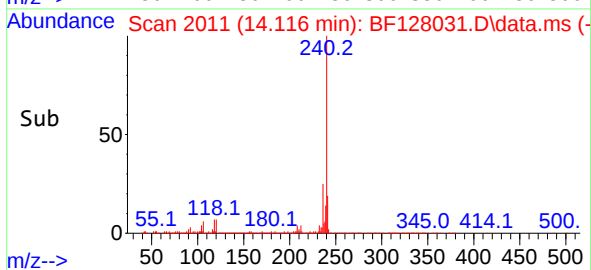
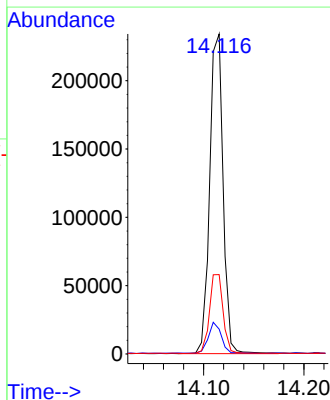
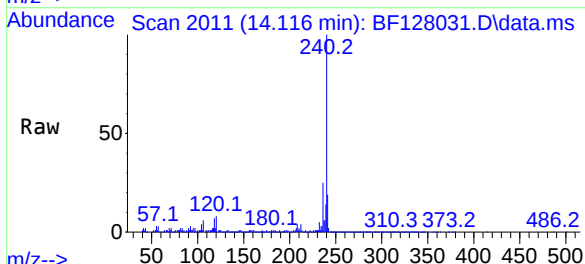
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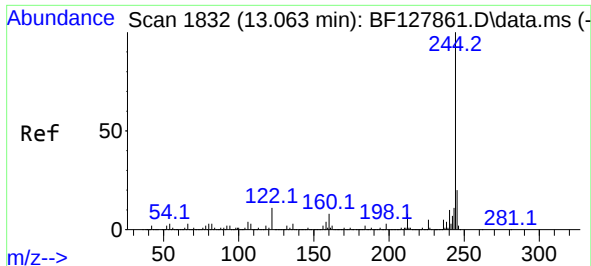
Tgt Ion:188 Resp: 293744
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128031.D
Acq: 02 May 2022 17:41

Tgt Ion:240 Resp: 218044
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 24.8 20.3 30.5

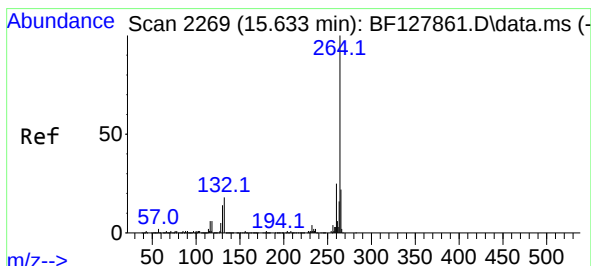
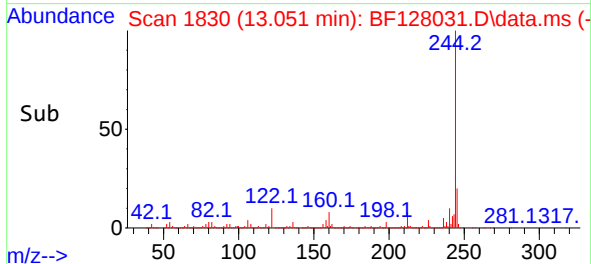
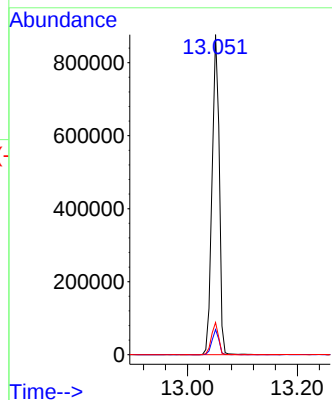
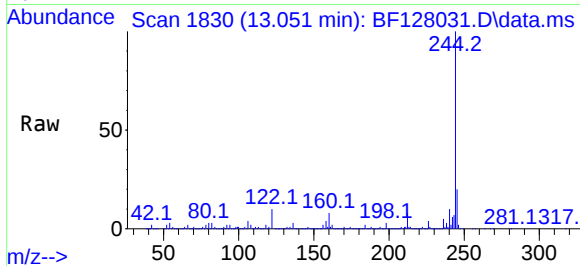




#79
 Terphenyl-d14
 Concen: 66.522 ng
 RT: 13.051 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128031.D
 Acq: 02 May 2022 17:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 793229
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. 0.006 min
 Lab File: BF128031.D
 Acq: 02 May 2022 17:41

Tgt Ion:264 Resp: 151258
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 22.4 17.5 26.3

