

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128092.D
 Acq On : 05 May 2022 14:04
 Operator : CG\JU
 Sample : PB144601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144601BL

Quant Time: May 05 17:59:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	98493	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	384234	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	222695	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	412847	20.000	ng	0.00
76) Chrysene-d12	14.086	240	317290	20.000	ng	0.00
86) Perylene-d12	15.586	264	259413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	762762	123.350	ng	0.00
7) Phenol-d6	6.540	99	996513	124.195	ng	0.00
23) Nitrobenzene-d5	7.469	82	730076	89.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	293266	130.817	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1198242	91.027	ng	0.00
79) Terphenyl-d14	13.027	244	1460170	84.150	ng	0.00

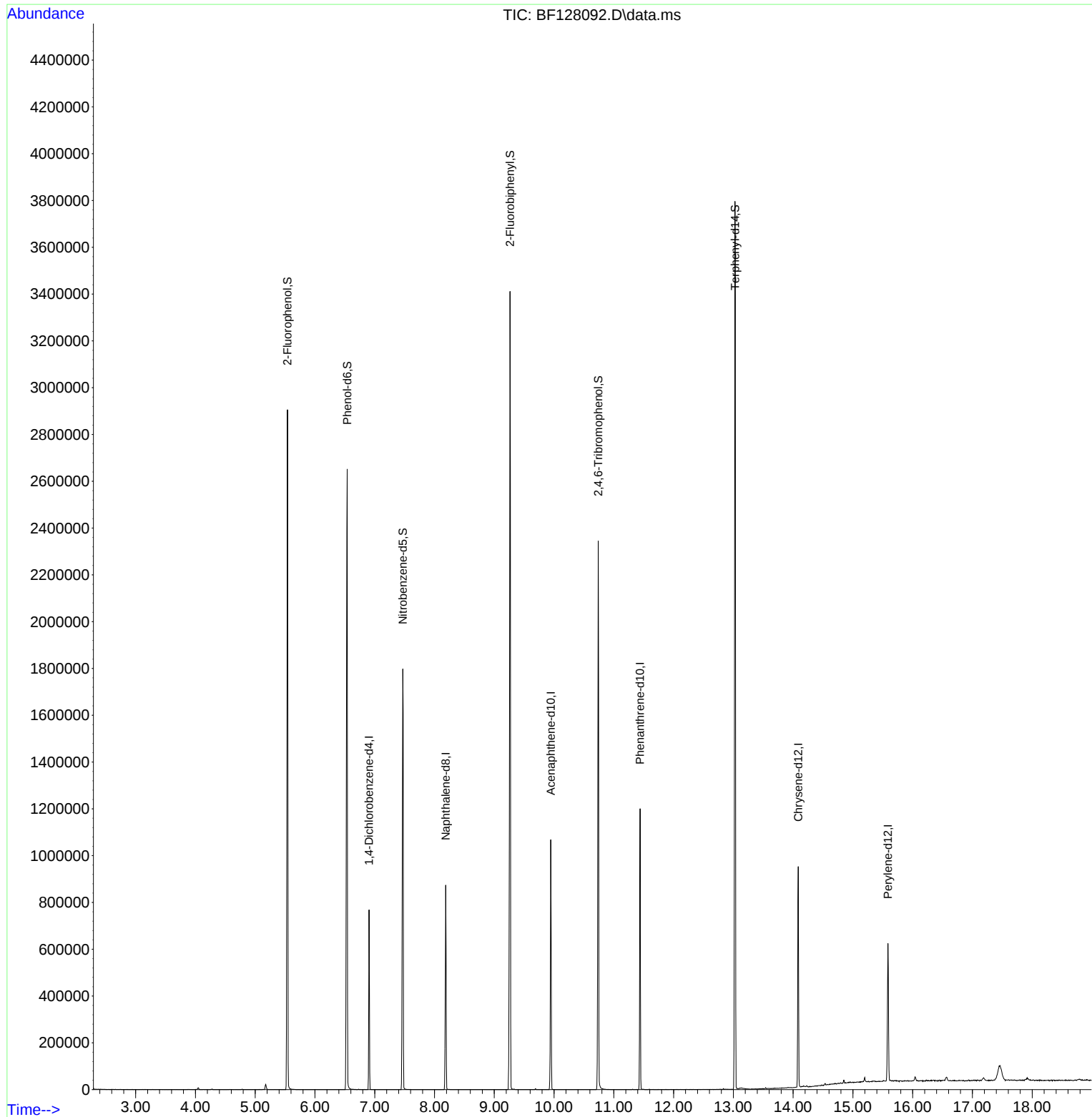
Target Compounds	Qvalue

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

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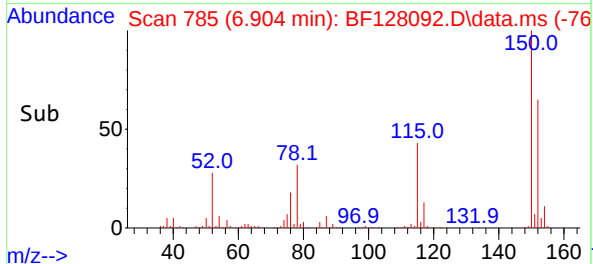
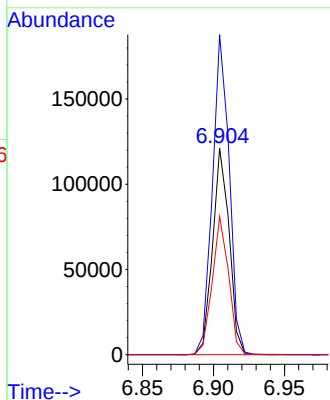
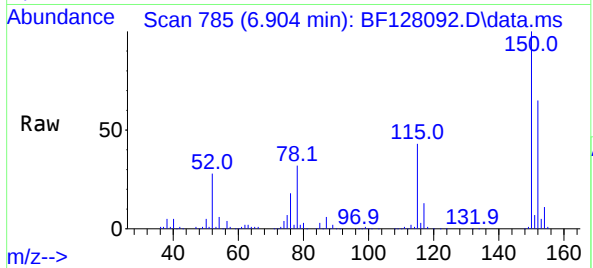




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

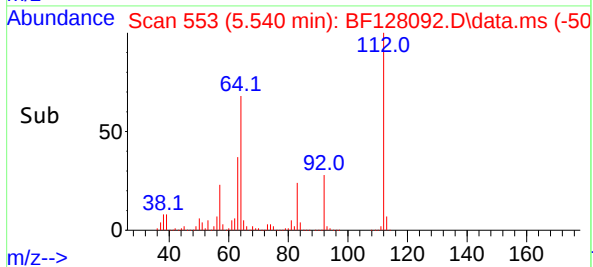
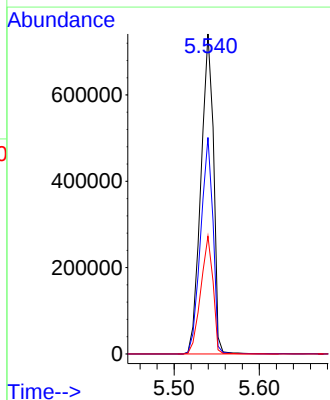
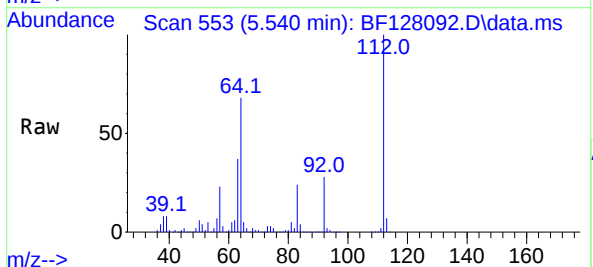
Instrument :
BNA_F
ClientSampleId :
PB144601BL

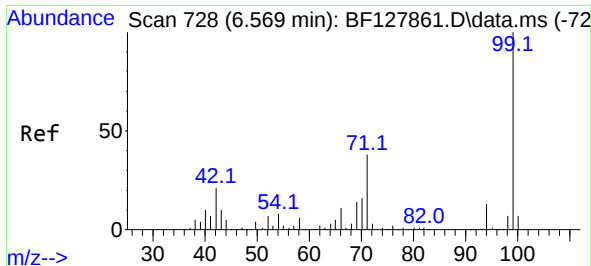
Tgt Ion:152 Resp: 98493
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 66.8 48.8 73.2



#5
2-Fluorophenol
Concen: 123.350 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion:112 Resp: 762762
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 36.8 26.3 39.5

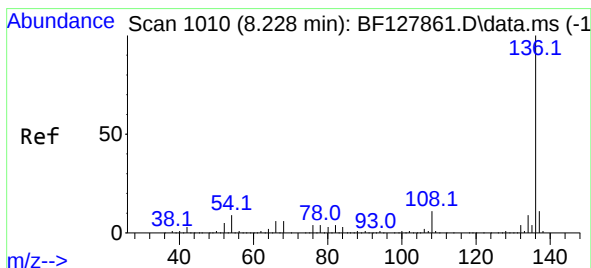
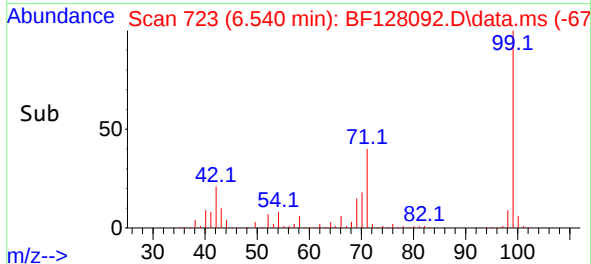
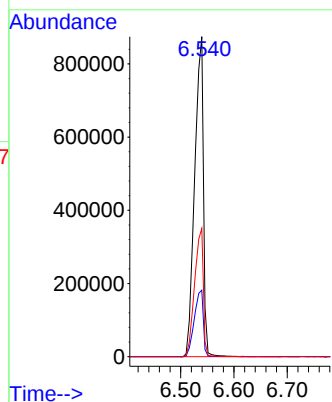
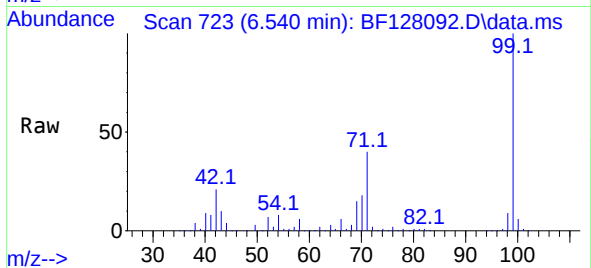




#7
Phenol-d6
Concen: 124.195 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

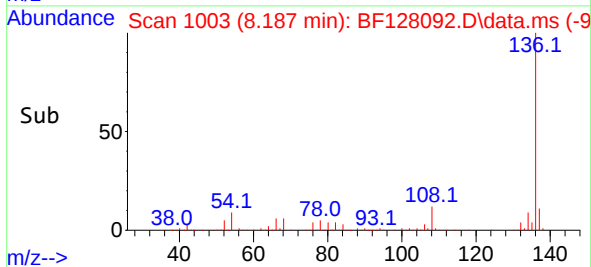
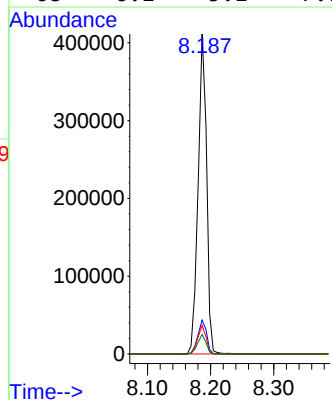
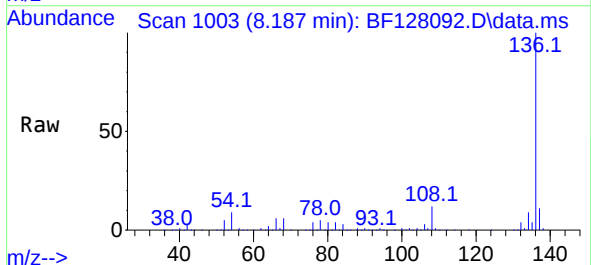
Instrument :
BNA_F
ClientSampleId :
PB144601BL

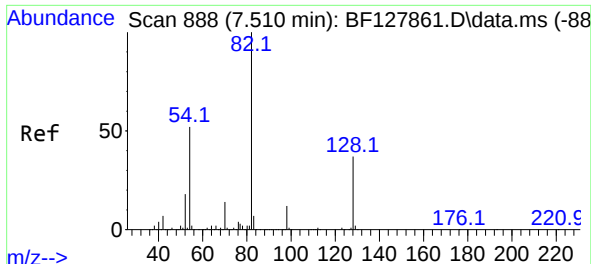
Tgt Ion: 99 Resp: 996513
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 40.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion: 136 Resp: 384234
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 6.8 10.2
68 6.1 5.1 7.7





#23

Nitrobenzene-d5

Concen: 89.350 ng

RT: 7.469 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128092.D

Acq: 05 May 2022 14:04

Instrument :

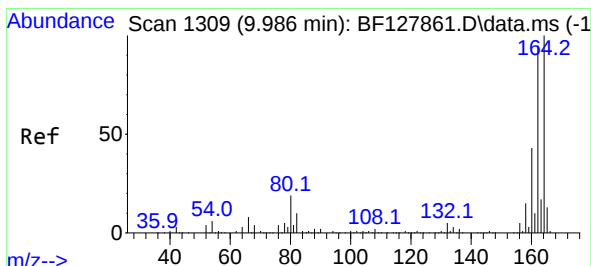
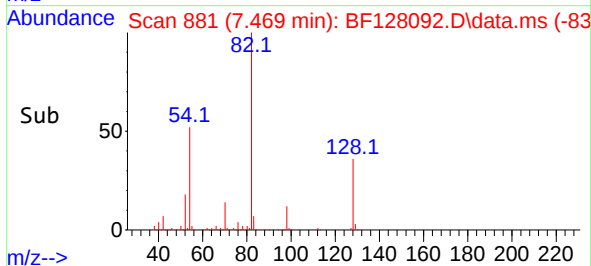
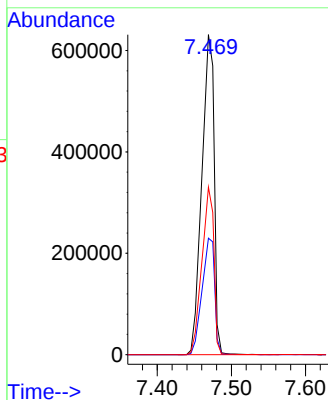
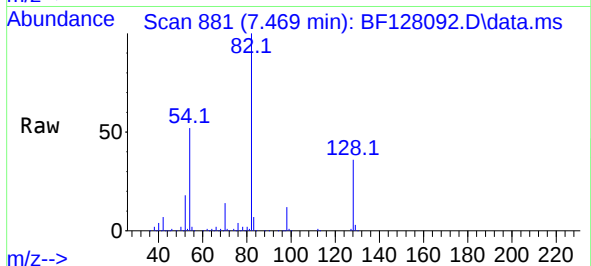
BNA_F

ClientSampleId :

PB144601BL

Tgt Ion: 82 Resp: 730076

Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.0	45.0
54	52.3	41.3	61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1302

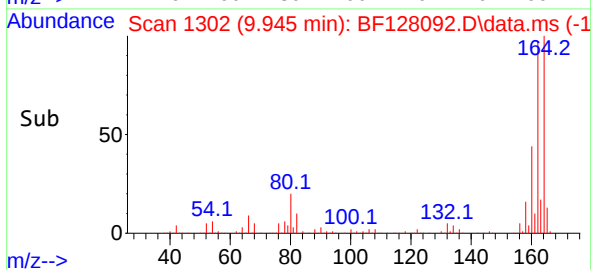
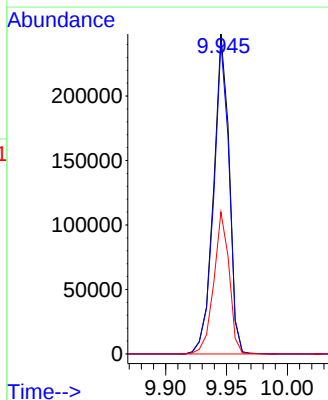
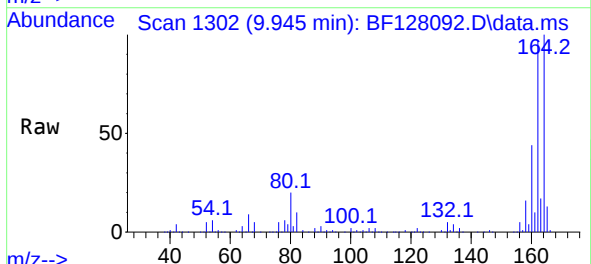
Delta R.T. -0.006 min

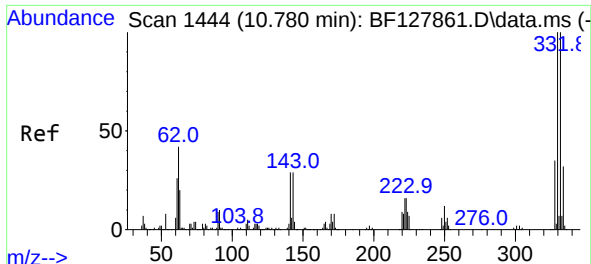
Lab File: BF128092.D

Acq: 05 May 2022 14:04

Tgt Ion: 164 Resp: 222695

Ion	Ratio	Lower	Upper
164	100		
162	97.4	76.0	114.0
160	44.4	34.8	52.2





#42

2,4,6-Tribromophenol

Concen: 130.817 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128092.D

Acq: 05 May 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB144601BL

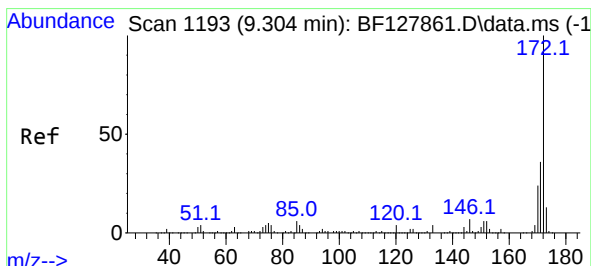
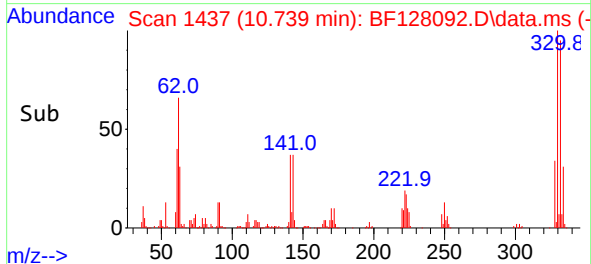
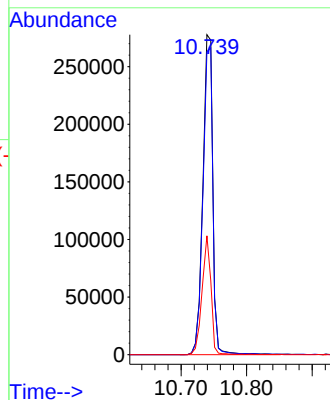
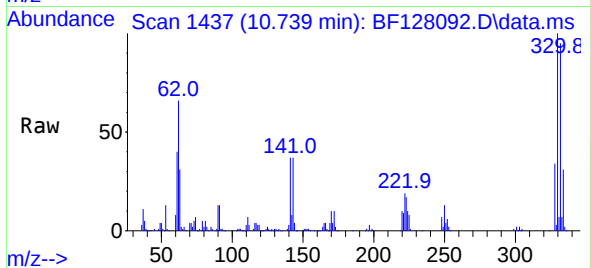
Tgt Ion:330 Resp: 293266

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 91.027 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128092.D

Acq: 05 May 2022 14:04

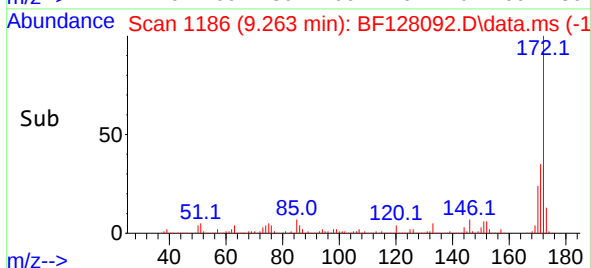
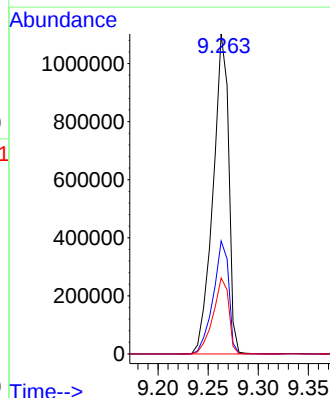
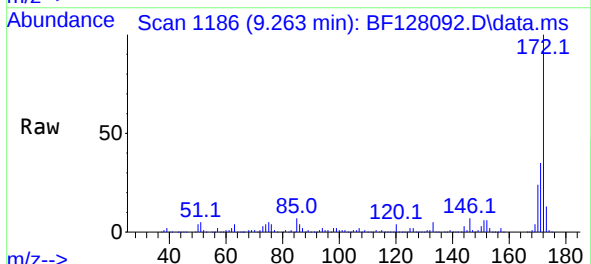
Tgt Ion:172 Resp: 1198242

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7

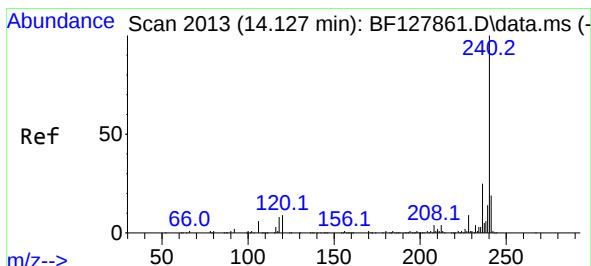
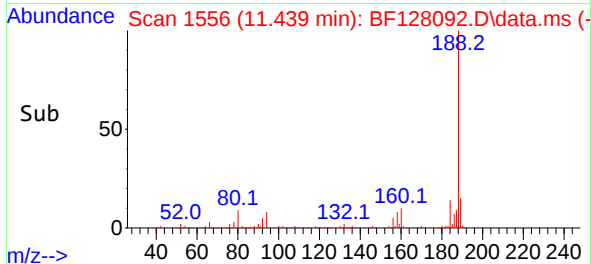
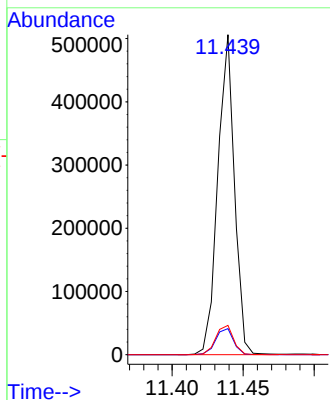
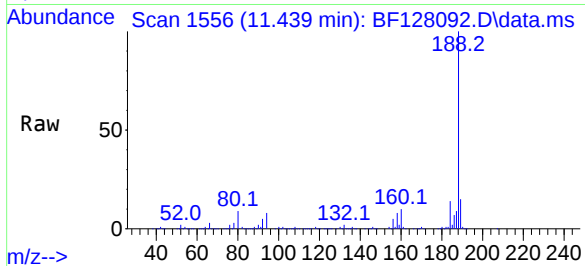




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

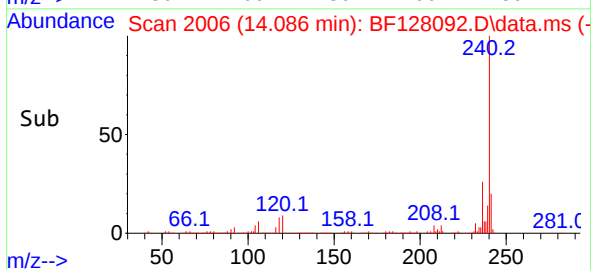
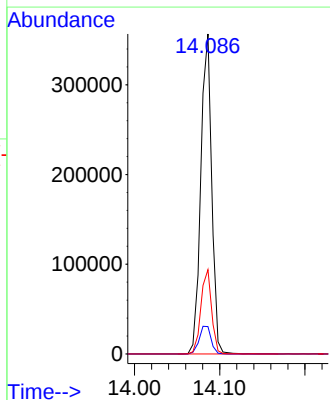
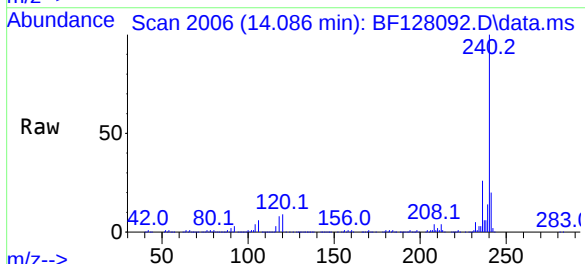
Instrument :
BNA_F
ClientSampleId :
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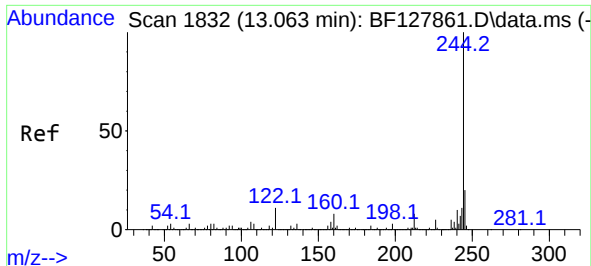
Tgt Ion:188 Resp: 412847
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128092.D
Acq: 05 May 2022 14:04

Tgt Ion:240 Resp: 317290
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 26.3 20.3 30.5

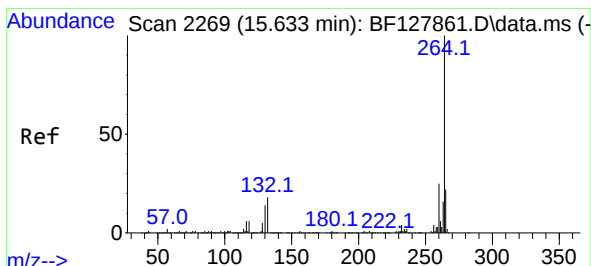
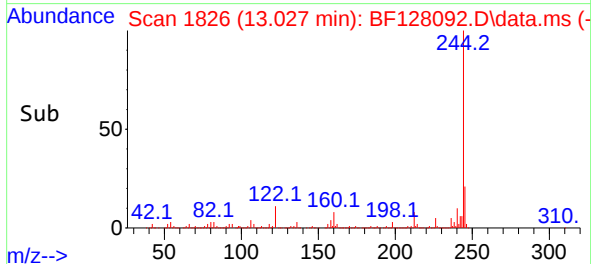
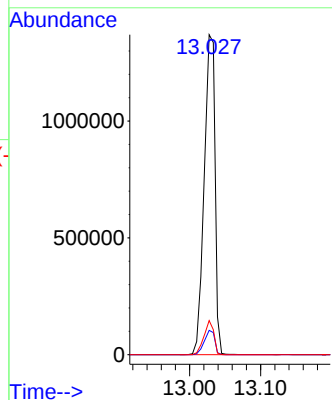
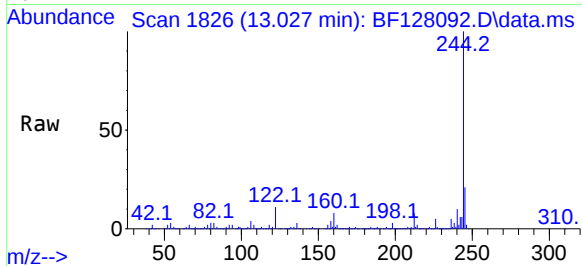




#79
 Terphenyl-d14
 Concen: 84.150 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128092.D
 Acq: 05 May 2022 14:04

Instrument :
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Tgt Ion:244 Resp: 1460170
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128092.D
 Acq: 05 May 2022 14:04

Tgt Ion:264 Resp: 259413
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 22.1 17.5 26.3

