

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042123\
 Data File : BF132974.D
 Acq On : 21 Apr 2023 17:53
 Operator : CG\JU
 Sample : PB152259BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152259BL

Quant Time: Apr 22 04:28:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	217000	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	870104	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	461674	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	844702	20.000	ng	0.00
76) Chrysene-d12	13.904	240	605281	20.000	ng	0.00
86) Perylene-d12	15.327	264	582263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1813321	126.231	ng	0.02
7) Phenol-d6	6.387	99	2199306	123.348	ng	0.00
23) Nitrobenzene-d5	7.316	82	1385774	85.966	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	615162	132.492	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	2216289	80.313	ng	0.00
79) Terphenyl-d14	12.863	244	2702387	77.001	ng	0.00

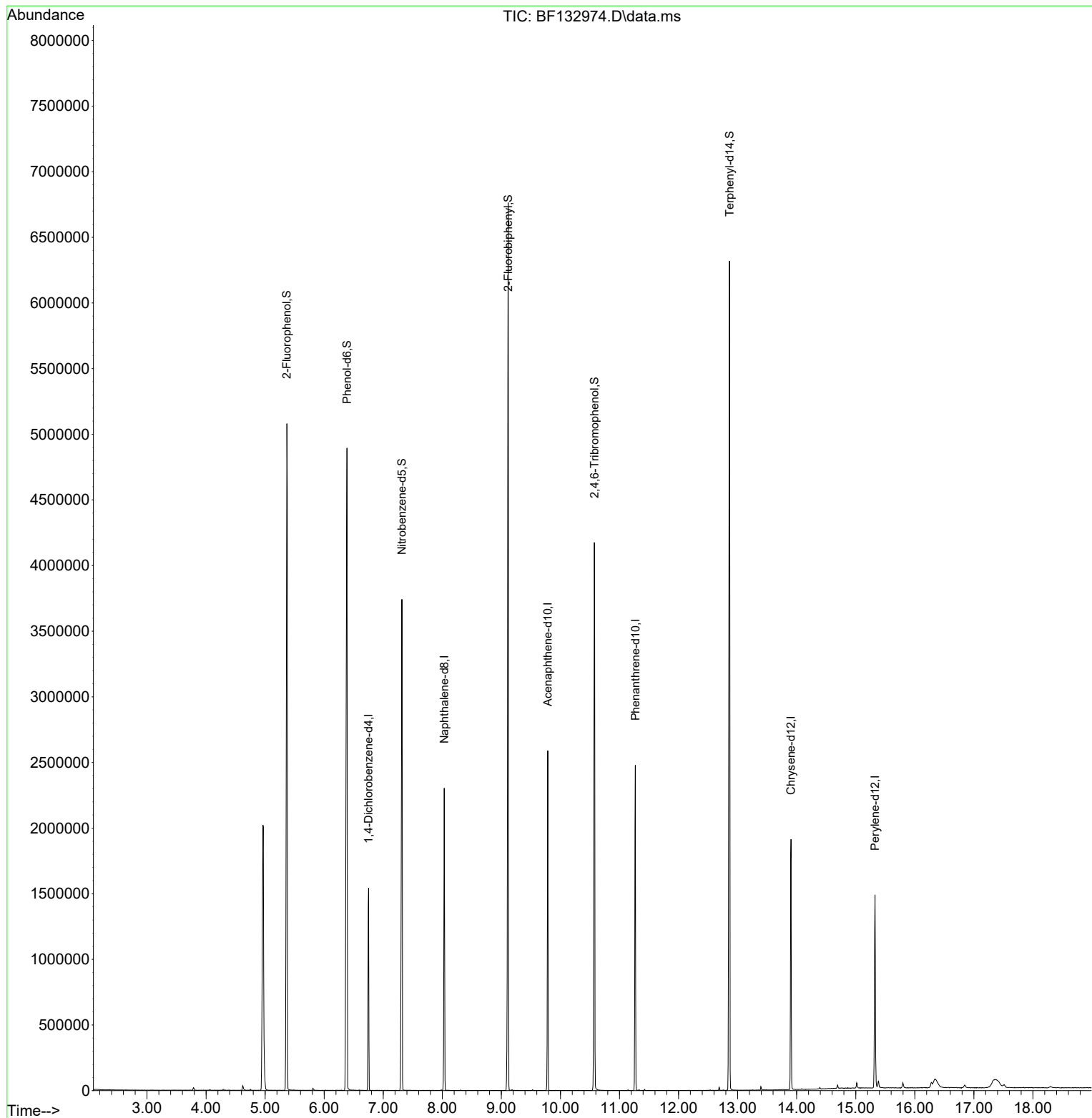
Target Compounds	Qvalue

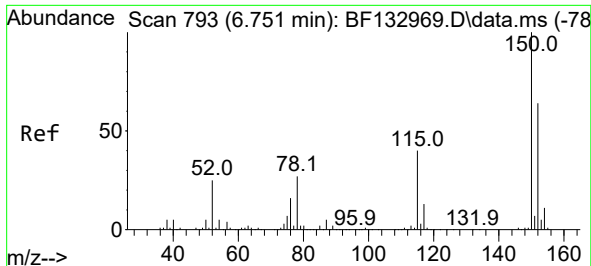
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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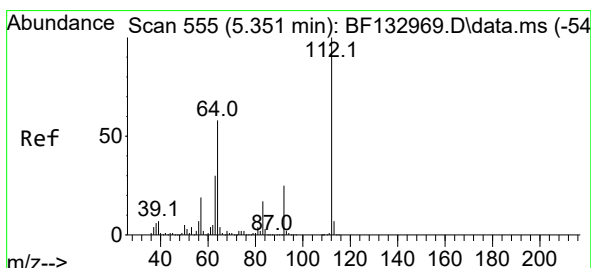
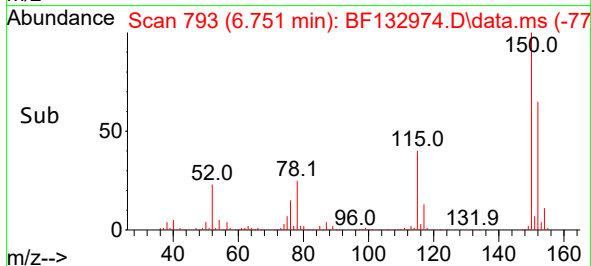
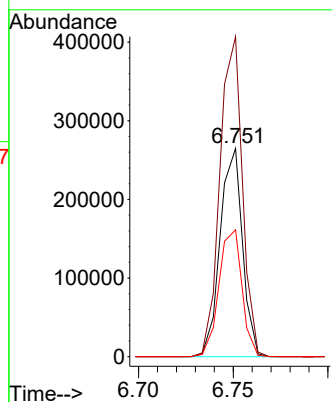
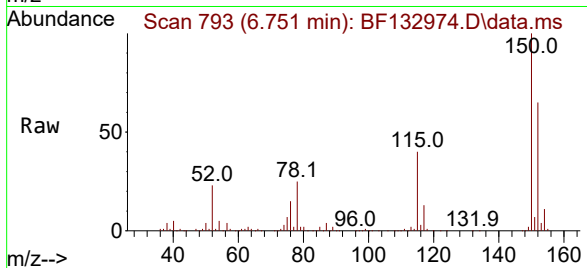




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

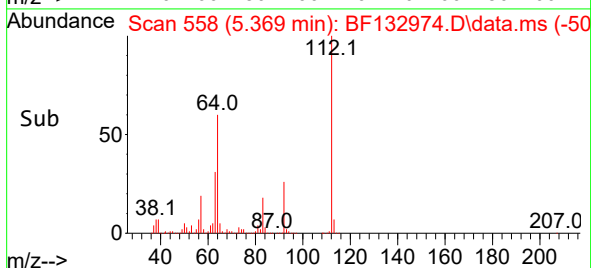
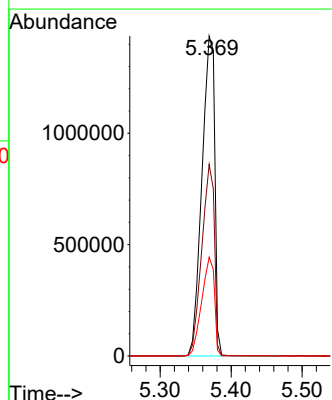
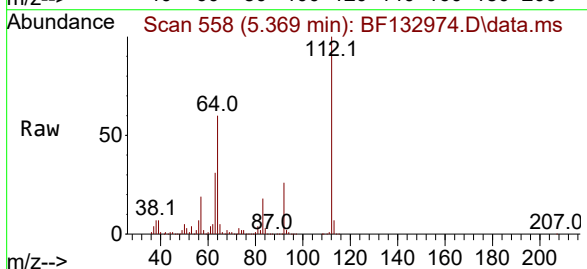
Instrument :
BNA_F
ClientSampleId :
PB152259BL

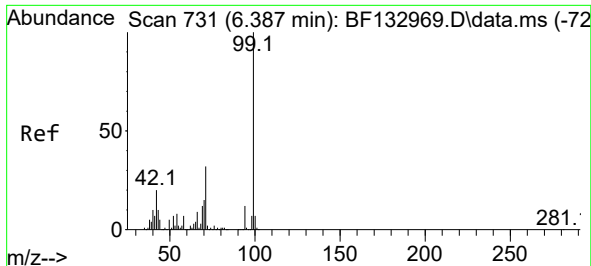
Tgt Ion:152 Resp: 217000
Ion Ratio Lower Upper
152 100
150 153.6 124.8 187.2
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 126.231 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:112 Resp: 1813321
Ion Ratio Lower Upper
112 100
64 59.8 46.8 70.2
63 30.9 23.8 35.8

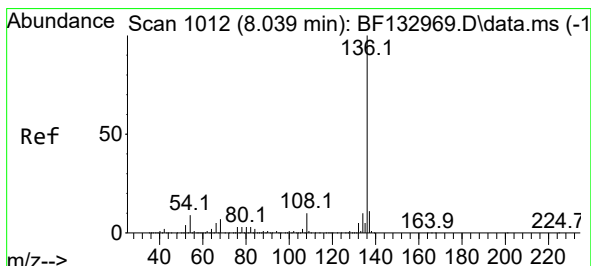
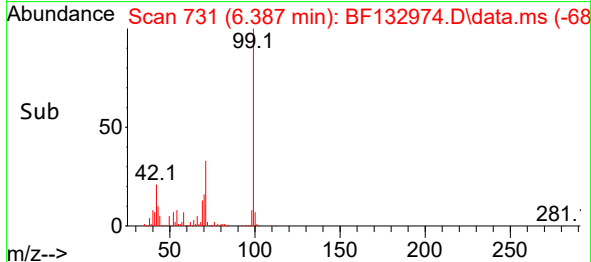
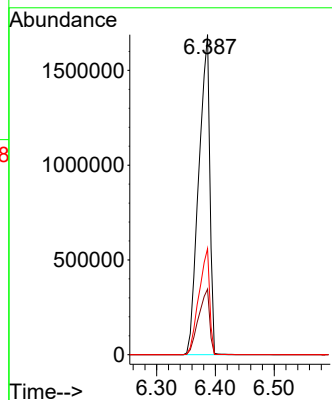
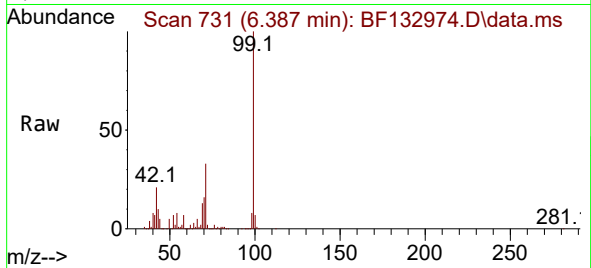




#7
Phenol-d6
Concen: 123.348 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

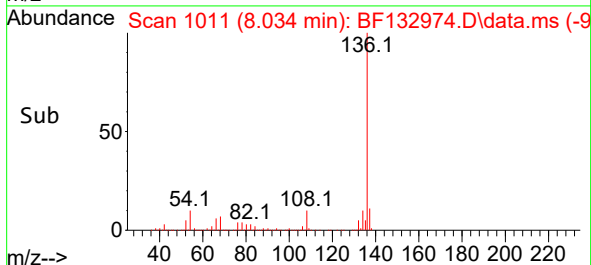
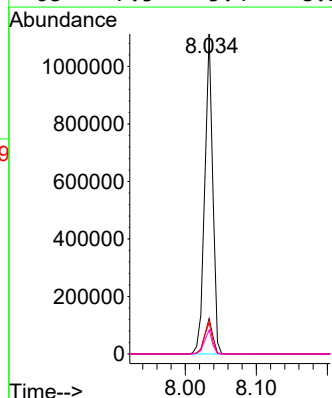
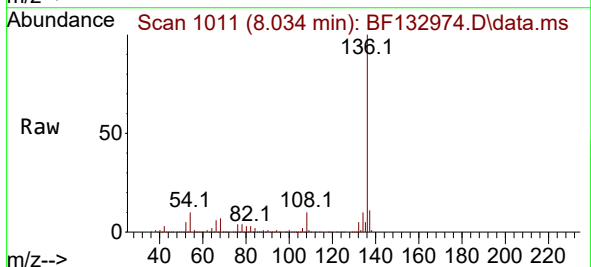
Instrument :
BNA_F
ClientSampleId :
PB152259BL

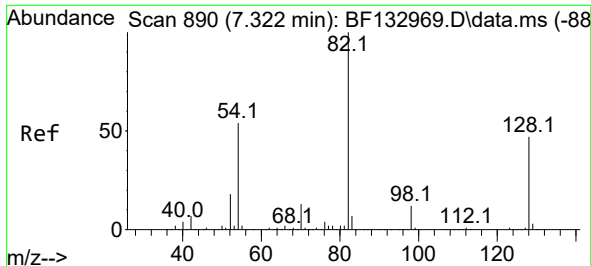
Tgt Ion: 99 Resp: 2199306
Ion Ratio Lower Upper
99 100
42 20.5 16.3 24.5
71 33.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:136 Resp: 870104
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.8 7.0 10.4
68 7.5 5.4 8.2

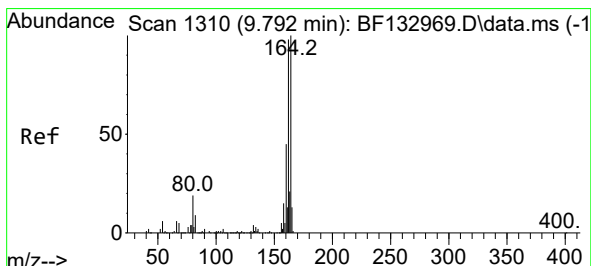
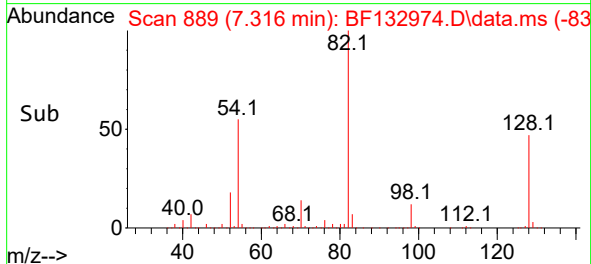
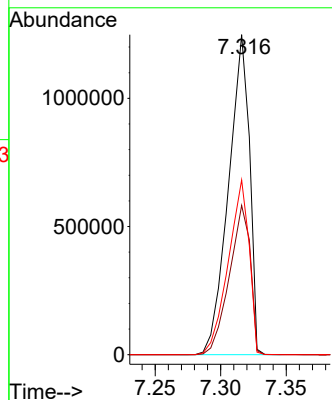
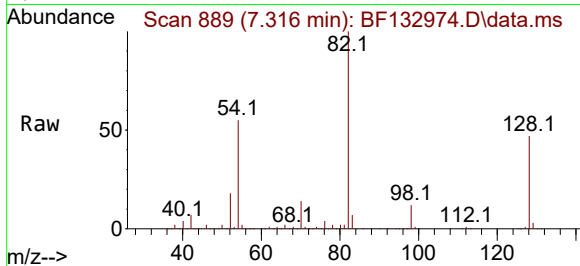




#23
 Nitrobenzene-d5
 Concen: 85.966 ng
 RT: 7.316 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF132974.D
 Acq: 21 Apr 2023 17:53

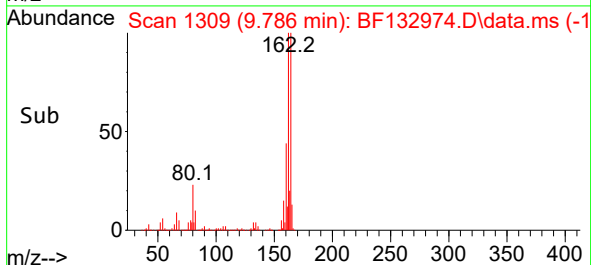
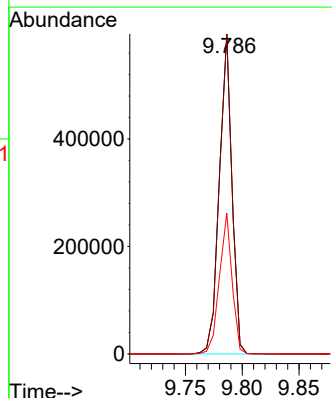
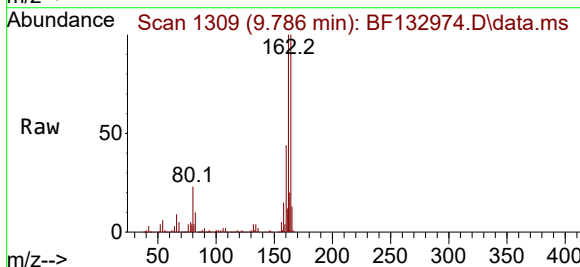
Instrument :
 BNA_F
 ClientSampleId :
 PB152259BL

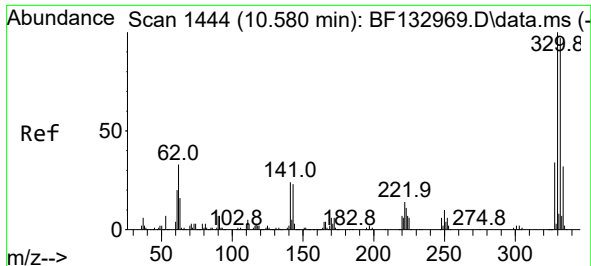
Tgt Ion: 82 Resp: 1385774
 Ion Ratio Lower Upper
 82 100
 128 46.6 37.7 56.5
 54 54.6 43.0 64.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.786 min Scan# 1309
 Delta R.T. -0.006 min
 Lab File: BF132974.D
 Acq: 21 Apr 2023 17:53

Tgt Ion:164 Resp: 461674
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.7 118.1
 160 44.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 132.492 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB152259BL

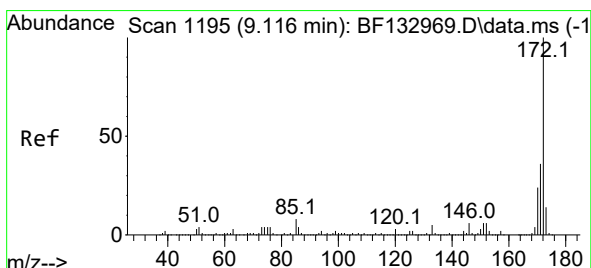
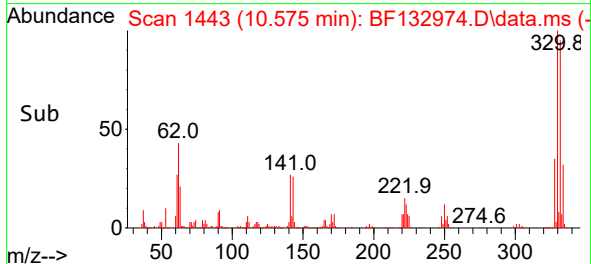
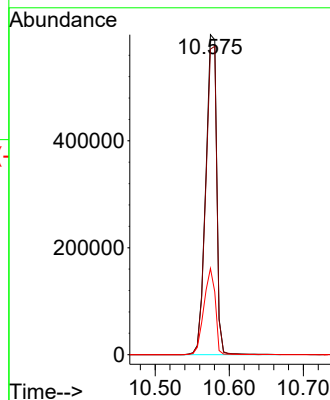
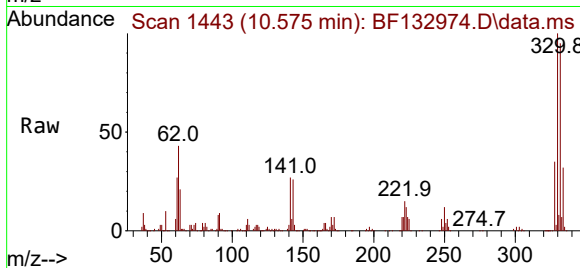
Tgt Ion:330 Resp: 615162

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.313 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

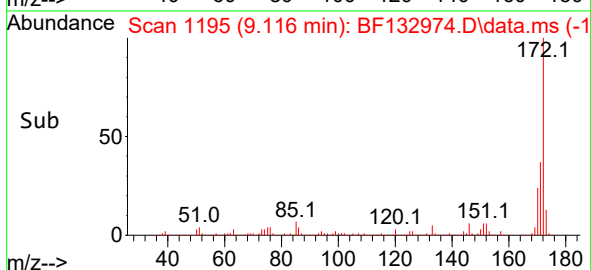
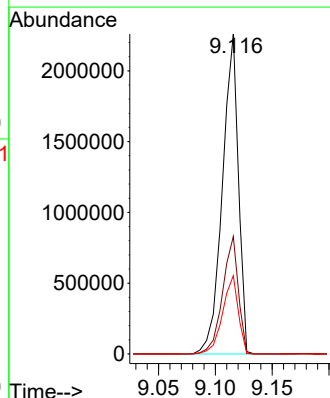
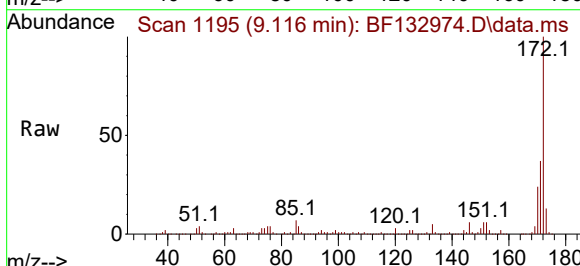
Tgt Ion:172 Resp: 2216289

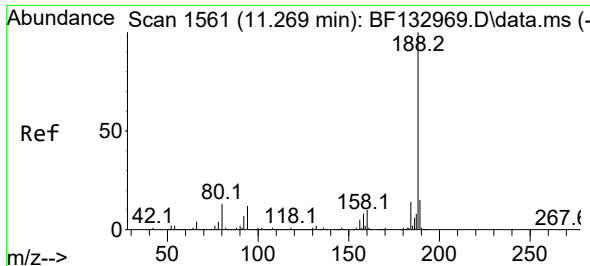
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.5 19.4 29.2

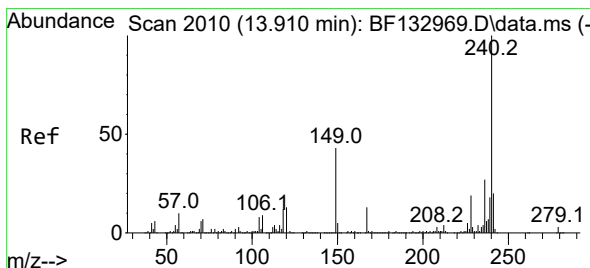
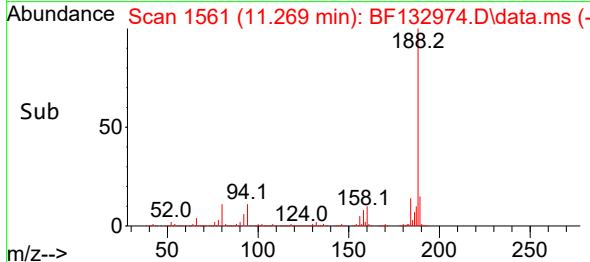
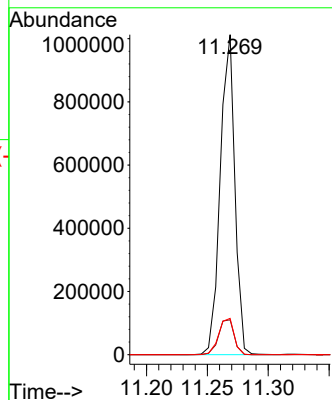
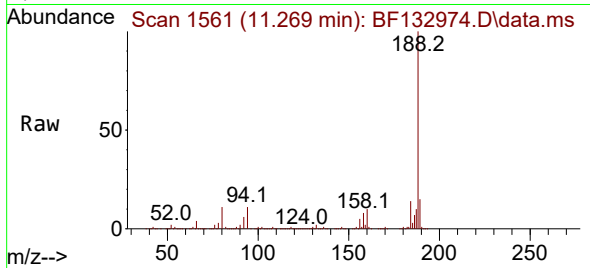




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

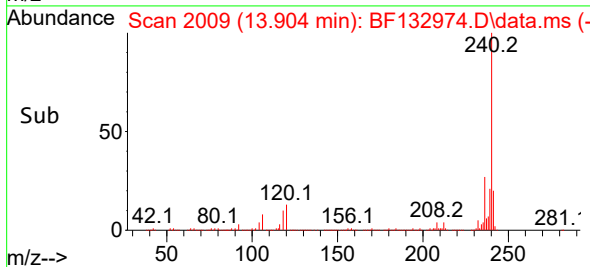
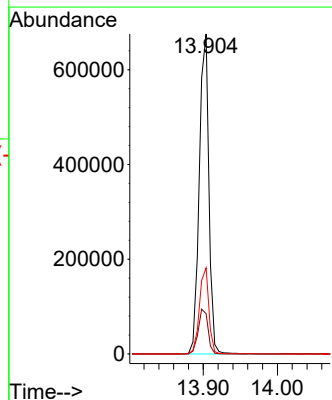
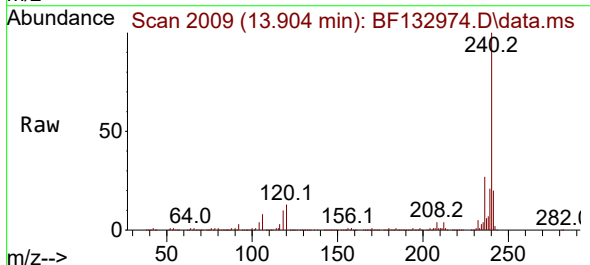
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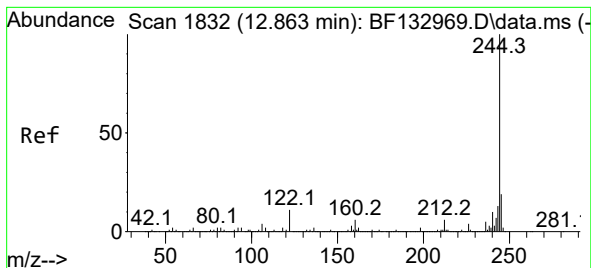
Tgt Ion:188 Resp: 844702
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.3 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF132974.D
Acq: 21 Apr 2023 17:53

Tgt Ion:240 Resp: 605281
Ion Ratio Lower Upper
240 100
120 12.5 10.5 15.7
236 26.9 21.5 32.3





#79

Terphenyl-d14

Concen: 77.001 ng

RT: 12.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

Instrument :

BNA_F

ClientSampleId :

PB152259BL

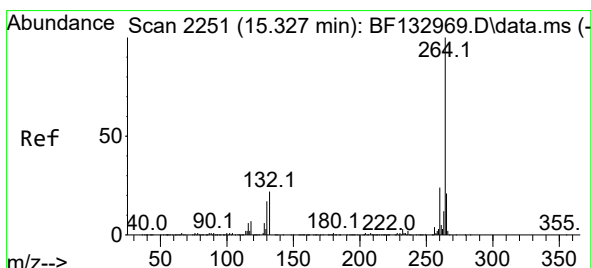
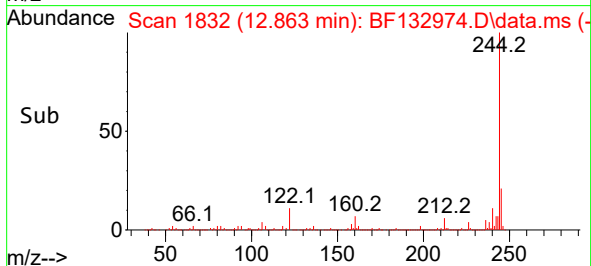
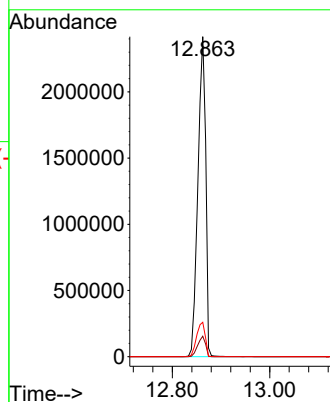
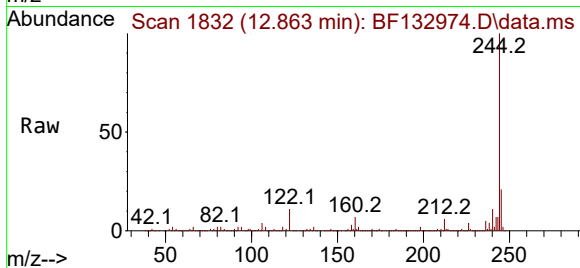
Tgt Ion:244 Resp: 2702387

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 10.7 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BF132974.D

Acq: 21 Apr 2023 17:53

Tgt Ion:264 Resp: 582263

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.3 17.0 25.4

