

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133352.D
 Acq On : 11 May 2023 13:44
 Operator : CG\JU
 Sample : PB152724BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BL

Quant Time: May 11 15:30:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	234022	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1115364	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	587889	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1057670	20.000	ng	0.00
76) Chrysene-d12	13.874	240	730633	20.000	ng	0.00
86) Perylene-d12	15.292	264	610113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1854216	119.689	ng	0.02
7) Phenol-d6	6.369	99	2208264	114.842	ng	0.00
23) Nitrobenzene-d5	7.293	82	1434985	69.445	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	606200	102.531	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2485158	70.722	ng	0.00
79) Terphenyl-d14	12.833	244	2766598	65.306	ng	0.00

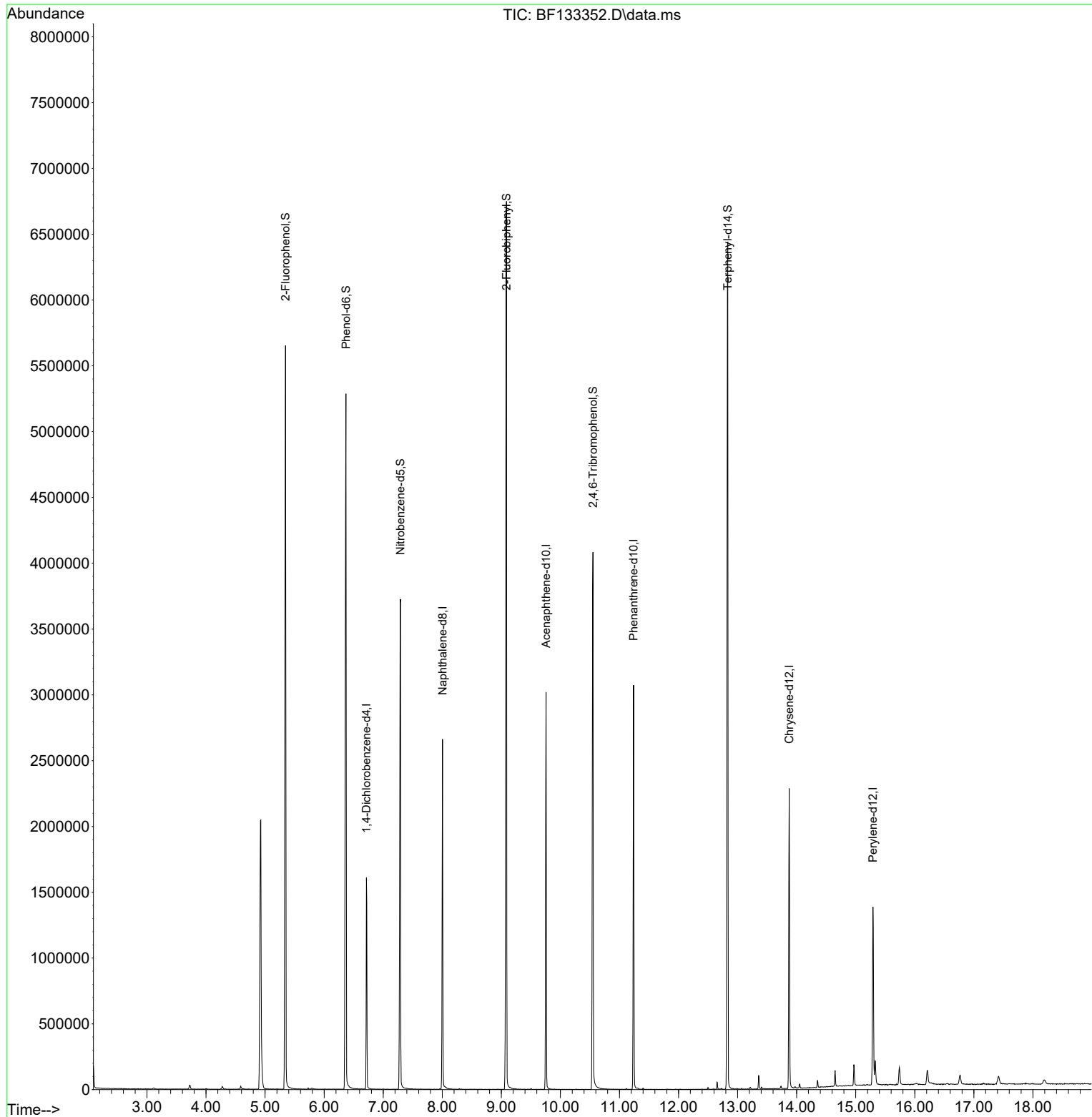
Target Compounds	Qvalue

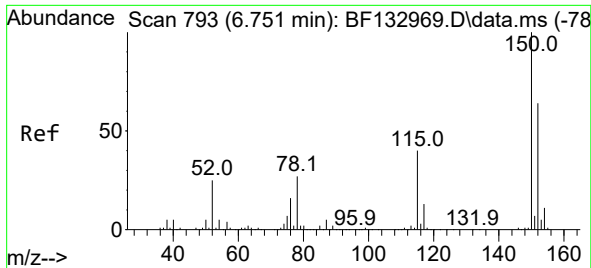
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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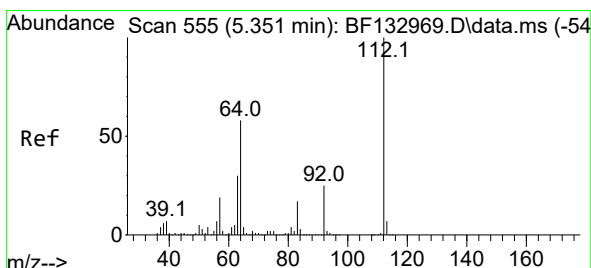
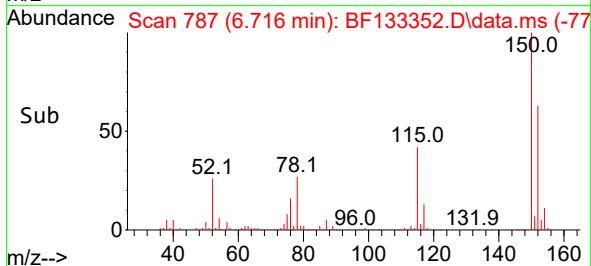
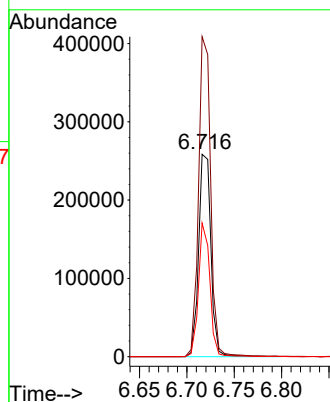
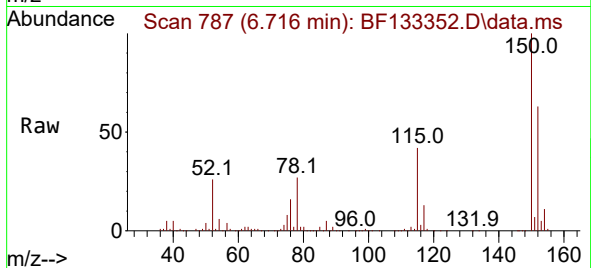




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133352.D
 Acq: 11 May 2023 13:44

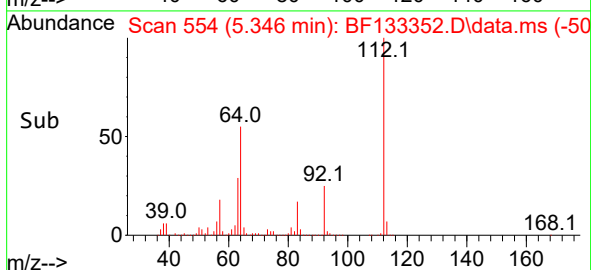
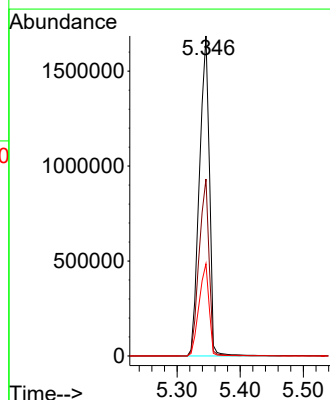
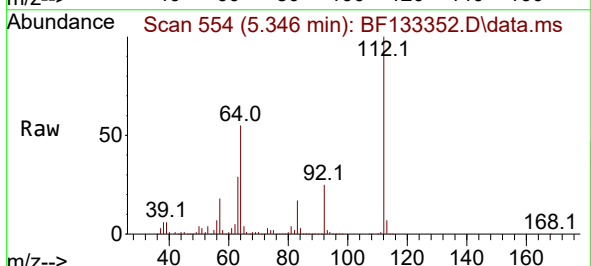
Instrument :
 BNA_F
 ClientSampleId :
 PB152724BL

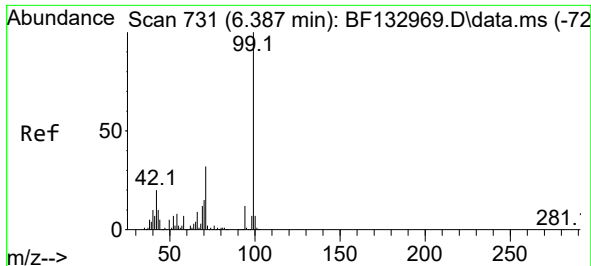
Tgt Ion:152 Resp: 234022
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.8 187.2
 115 66.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 119.689 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133352.D
 Acq: 11 May 2023 13:44

Tgt Ion:112 Resp: 1854216
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.8 23.8 35.8

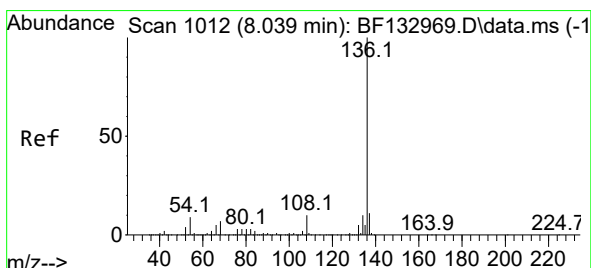
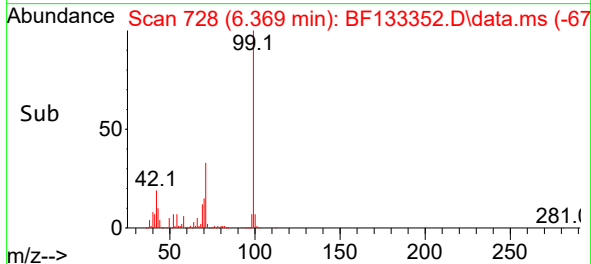
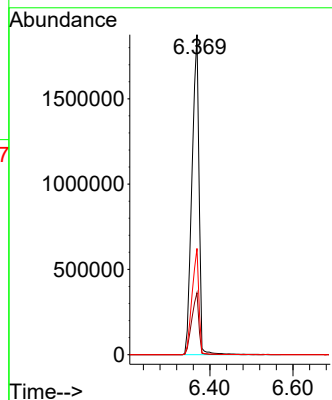
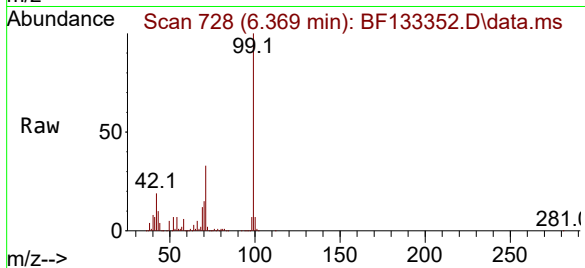




#7
Phenol-d6
Concen: 114.842 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

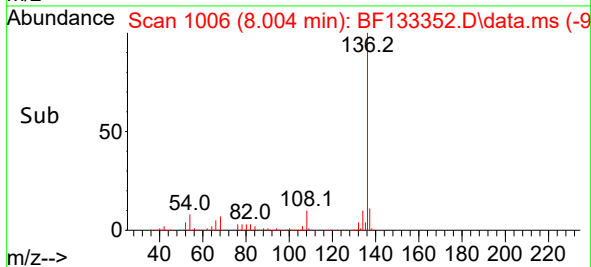
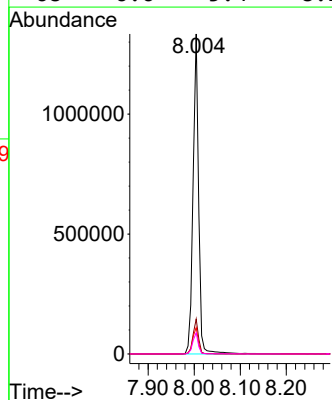
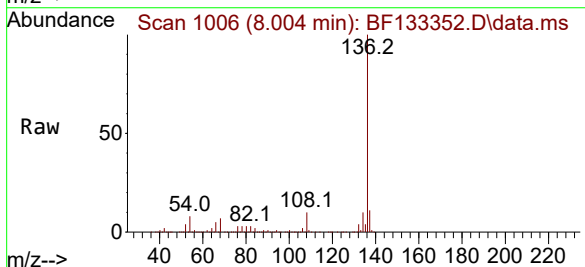
Instrument :
BNA_F
ClientSampleId :
PB152724BL

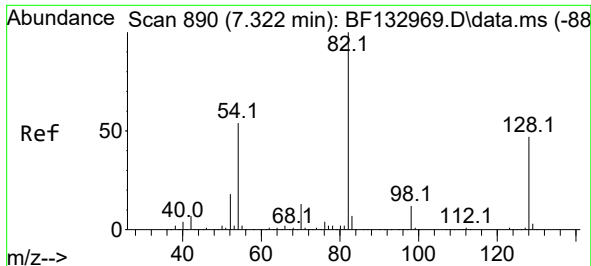
Tgt Ion: 99 Resp: 2208264
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 33.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion: 136 Resp: 1115364
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 69.445 ng

RT: 7.293 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133352.D

Acq: 11 May 2023 13:44

Instrument :

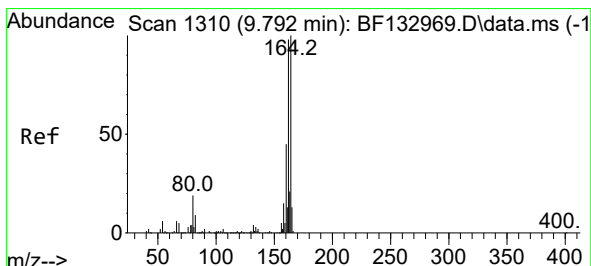
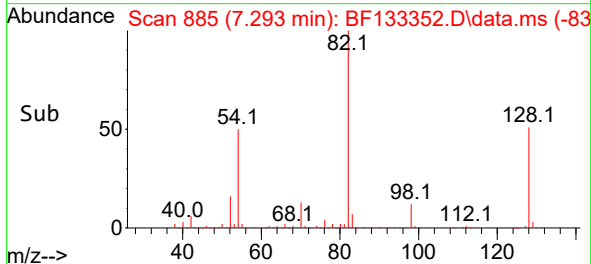
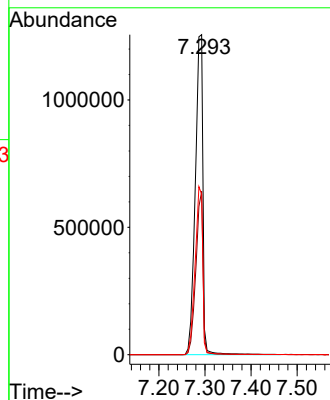
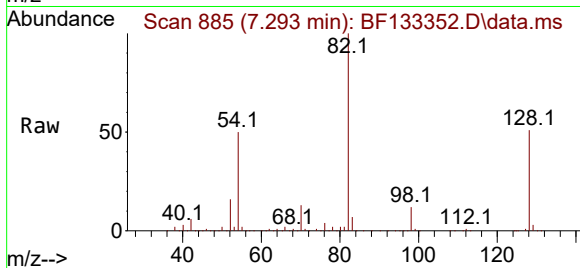
BNA_F

ClientSampleId :

PB152724BL

Tgt Ion: 82 Resp: 1434985

Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.7	56.5
54	50.1	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

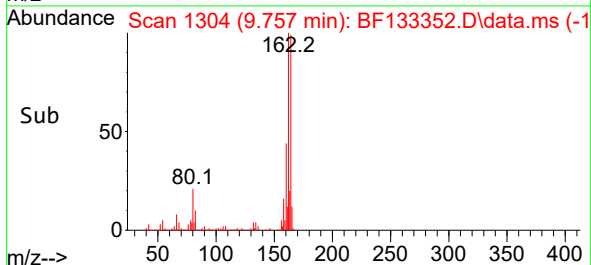
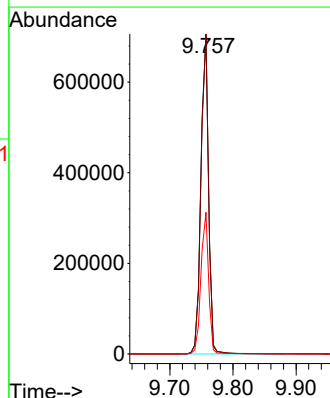
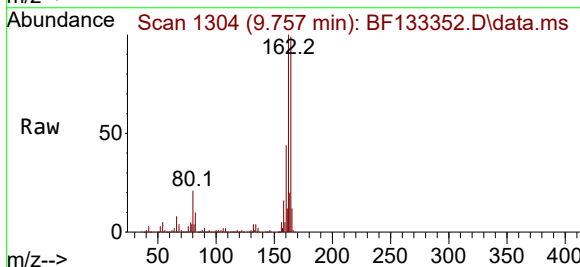
Delta R.T. -0.006 min

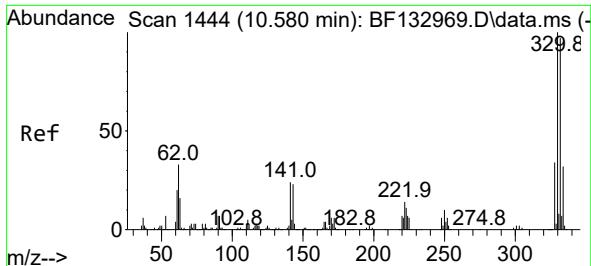
Lab File: BF133352.D

Acq: 11 May 2023 13:44

Tgt Ion: 164 Resp: 587889

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.7	118.1
160	44.5	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 102.531 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133352.D

Acq: 11 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB152724BL

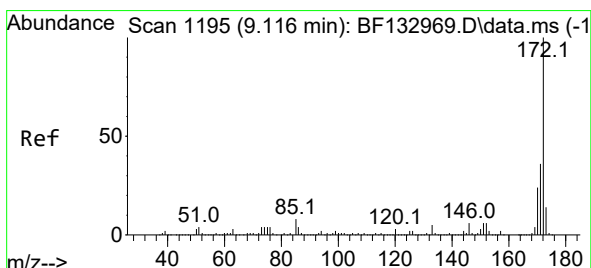
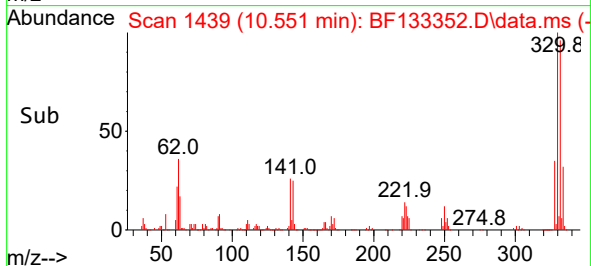
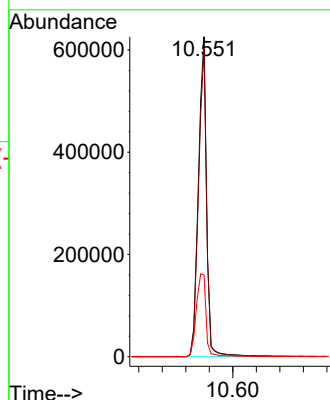
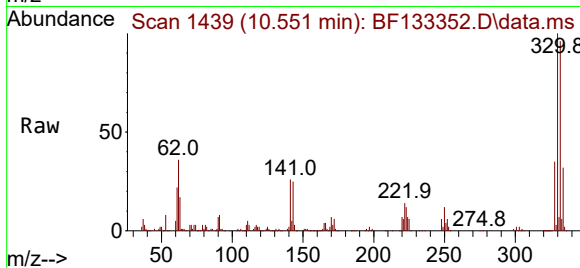
Tgt Ion:330 Resp: 606200

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

141 30.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.722 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133352.D

Acq: 11 May 2023 13:44

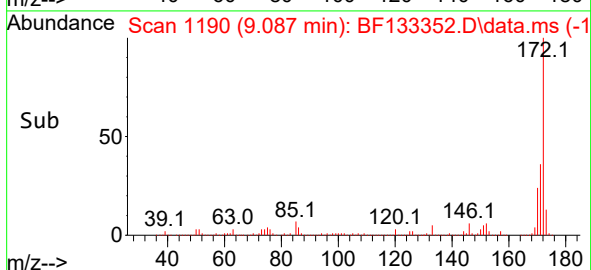
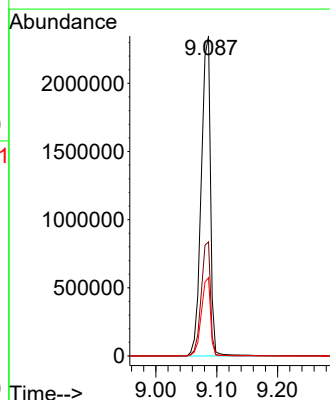
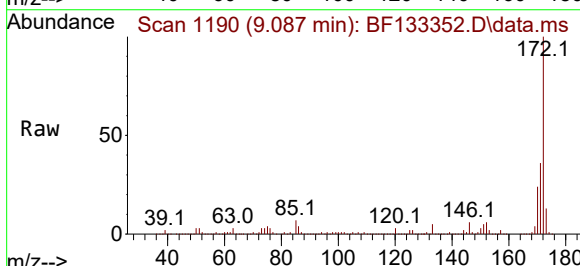
Tgt Ion:172 Resp: 2485158

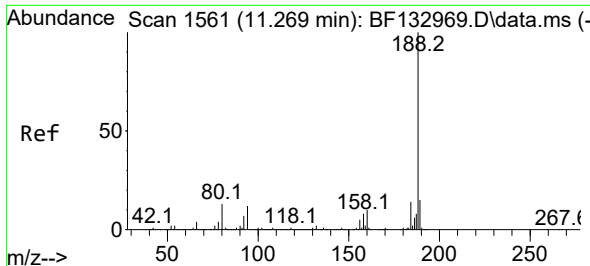
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.4 19.4 29.2

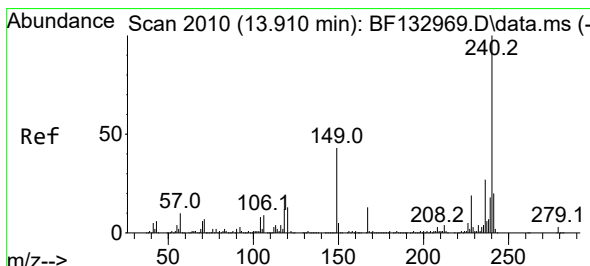
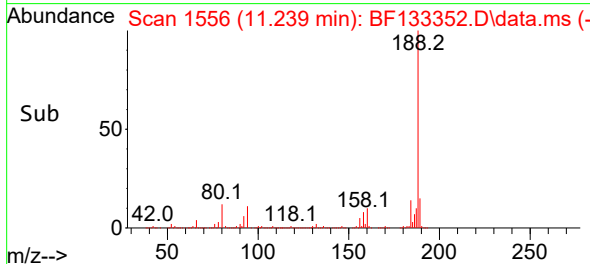
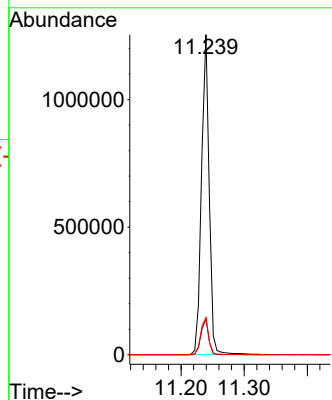
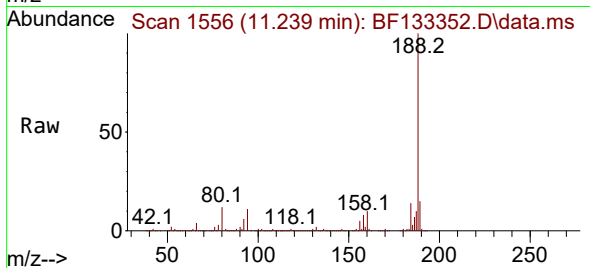




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

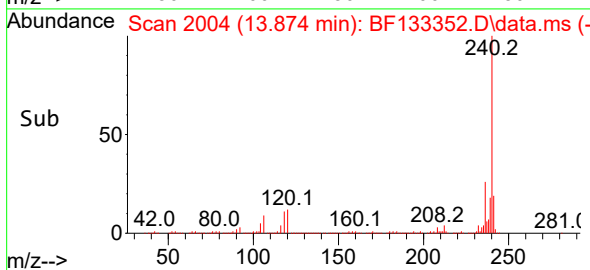
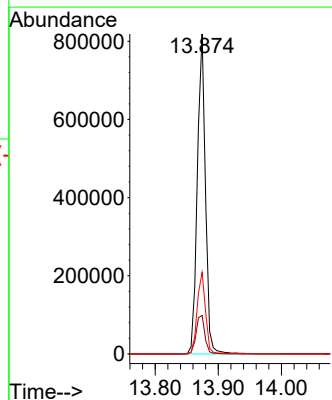
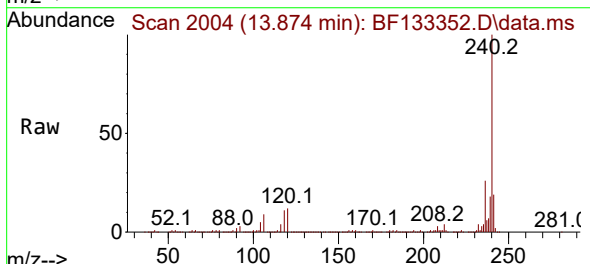
Instrument :
BNA_F
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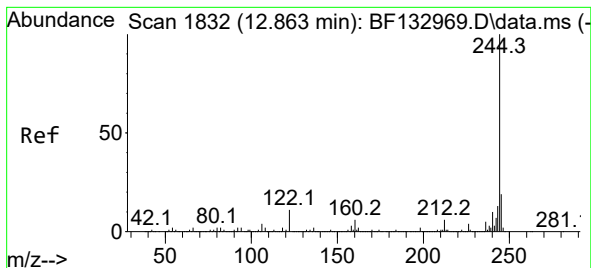
Tgt Ion:188 Resp: 1057670
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133352.D
Acq: 11 May 2023 13:44

Tgt Ion:240 Resp: 730633
Ion Ratio Lower Upper
240 100
120 12.1 10.5 15.7
236 25.5 21.5 32.3





#79

Terphenyl-d14

Concen: 65.306 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133352.D

Acq: 11 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

PB152724BL

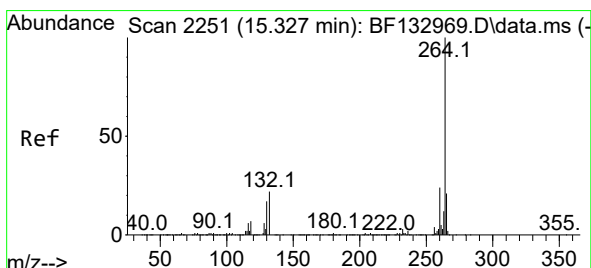
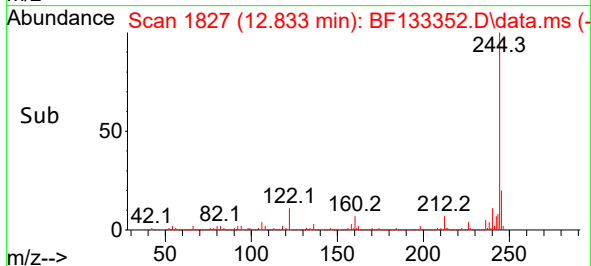
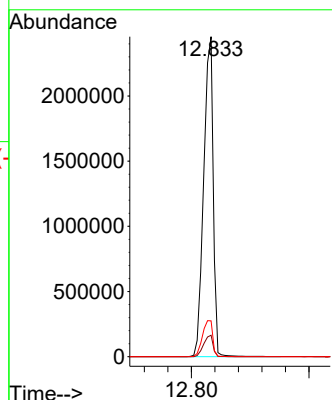
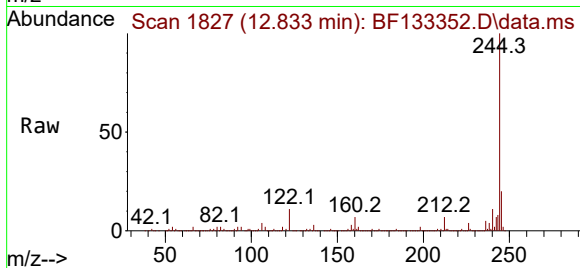
Tgt Ion:244 Resp: 2766598

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133352.D

Acq: 11 May 2023 13:44

Tgt Ion:264 Resp: 610113

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.2 17.0 25.4

