

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133116.D
 Acq On : 28 Apr 2023 11:18
 Operator : CG\JU
 Sample : PB152410BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152410BL

Quant Time: Apr 28 18:47:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 18:42:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	216131	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	918056	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	498528	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	925187	20.000	ng	0.00
76) Chrysene-d12	13.886	240	655772	20.000	ng	0.00
86) Perylene-d12	15.309	264	589586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1719628	120.190	ng	0.02
7) Phenol-d6	6.381	99	2094231	117.928	ng	0.00
23) Nitrobenzene-d5	7.304	82	1245246	73.214	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	585340	116.749	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2243425	75.287	ng	0.00
79) Terphenyl-d14	12.845	244	2627814	69.111	ng	0.00

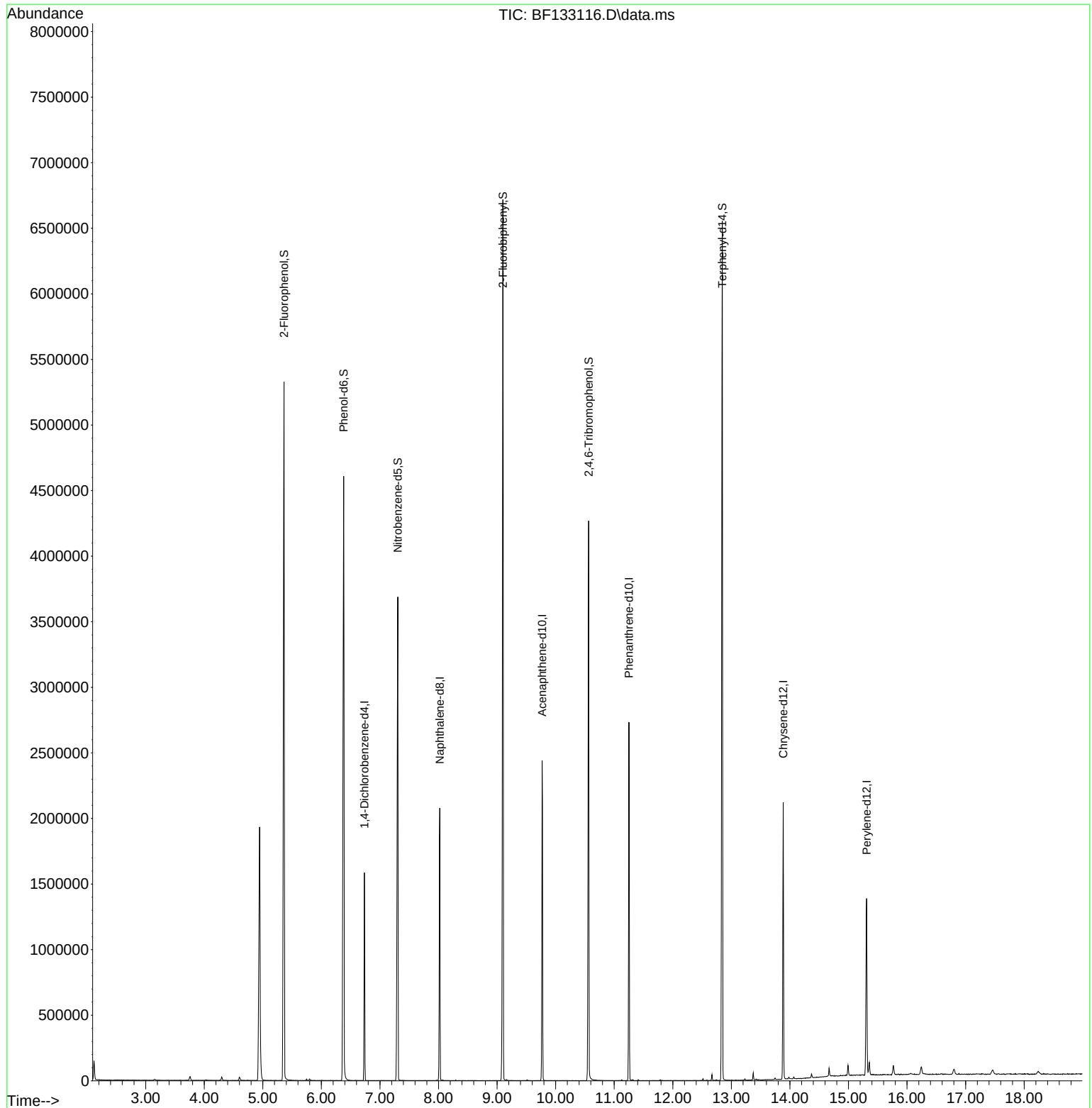
Target Compounds	Qvalue

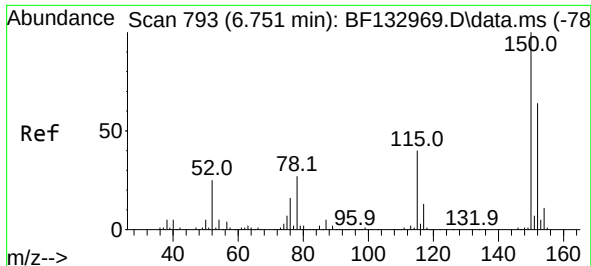
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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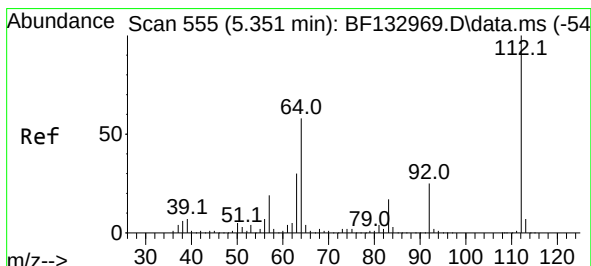
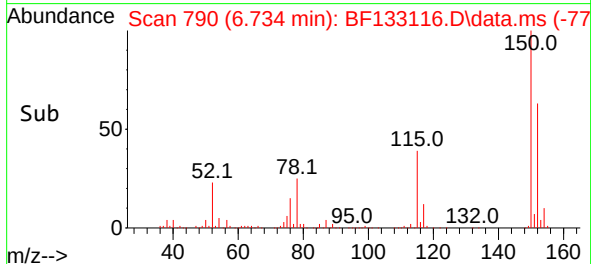
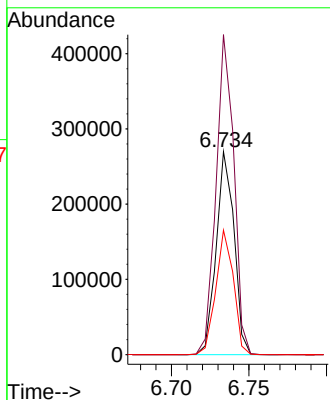
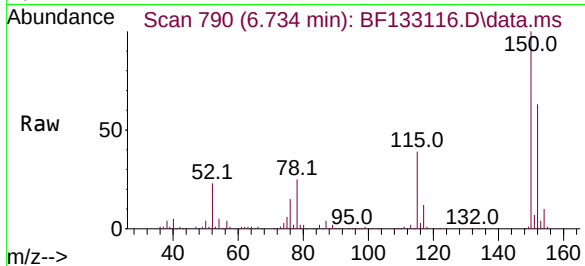




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

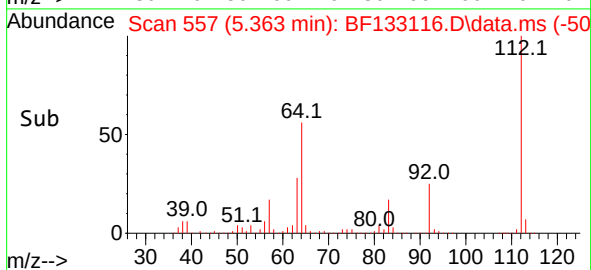
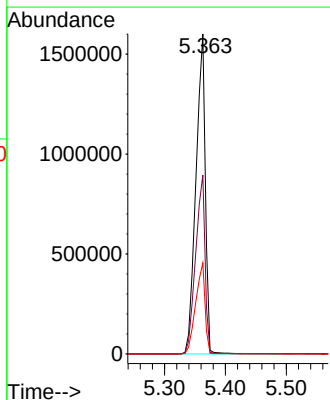
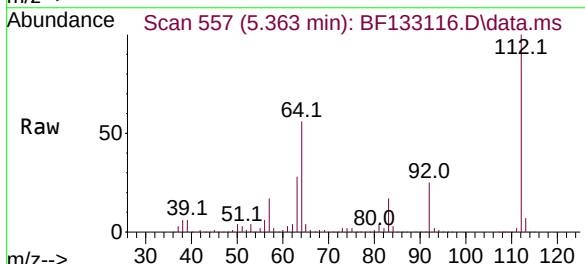
Instrument :
BNA_F
ClientSampleId :
PB152410BL

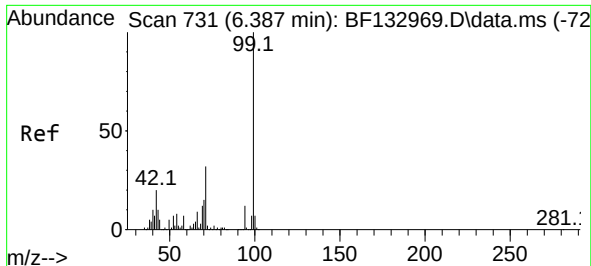
Tgt Ion:152 Resp: 216131
Ion Ratio Lower Upper
152 100
150 157.7 124.8 187.2
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 120.190 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.023 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion:112 Resp: 1719628
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 28.4 23.8 35.8



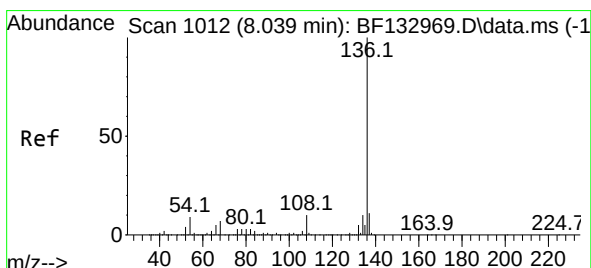
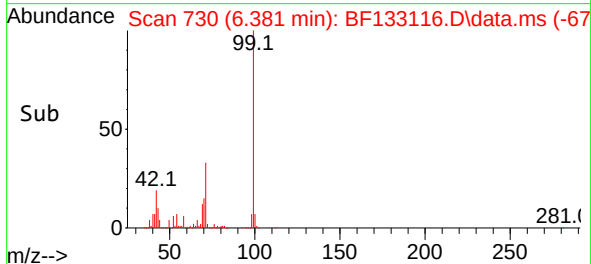
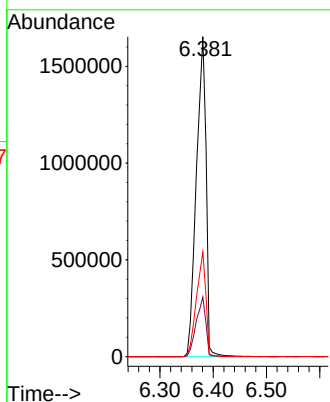
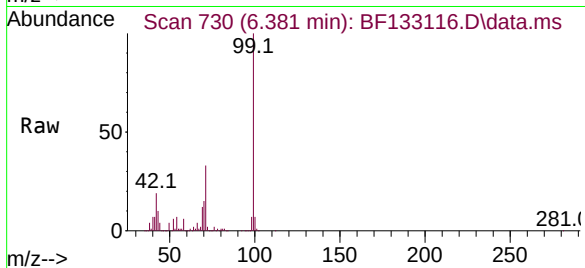


#7
Phenol-d6
Concen: 117.928 ng
RT: 6.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Instrument :
BNA_F
ClientSampleId :
PB152410BL

Tgt Ion: 99 Resp: 2094231

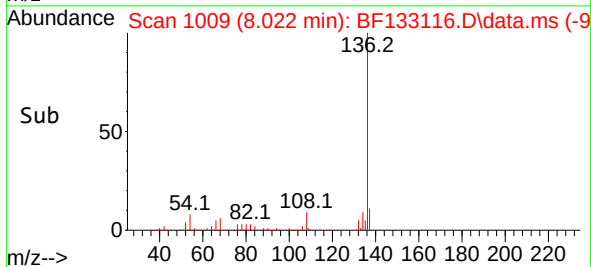
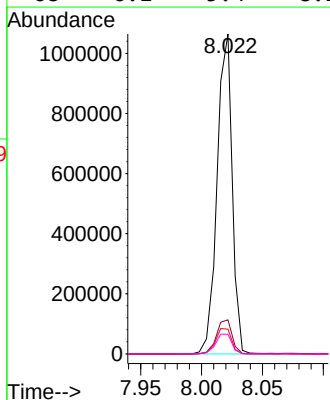
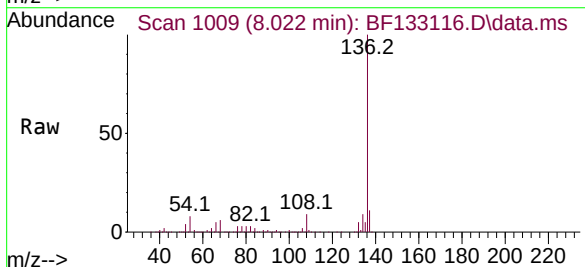
Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	32.7	25.6	38.4

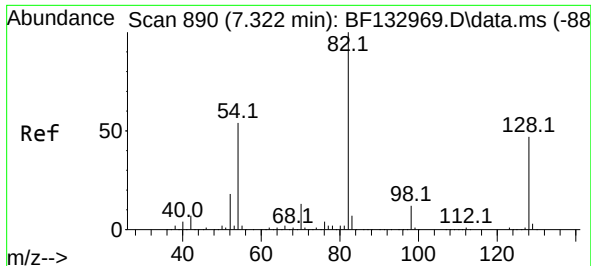


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133116.D
Acq: 28 Apr 2023 11:18

Tgt Ion: 136 Resp: 918056

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.7	7.0	10.4
68	6.1	5.4	8.2





#23

Nitrobenzene-d5

Concen: 73.214 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

Instrument :

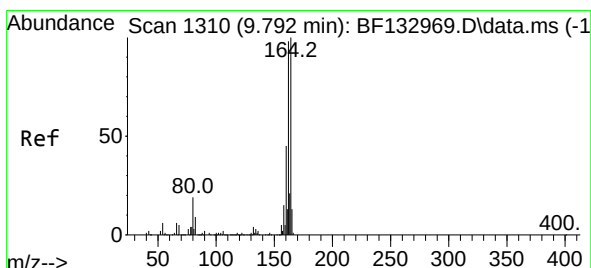
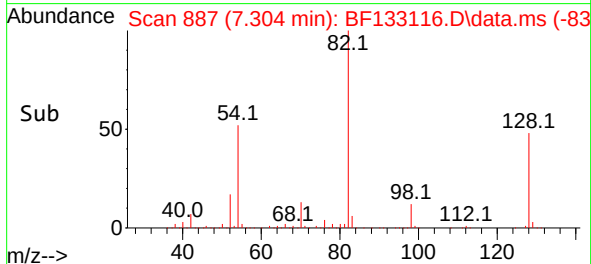
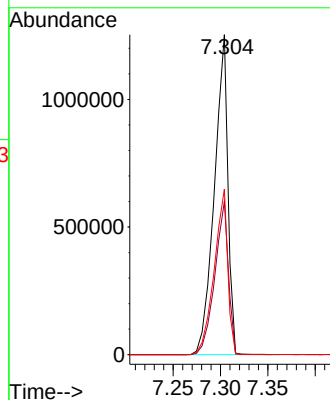
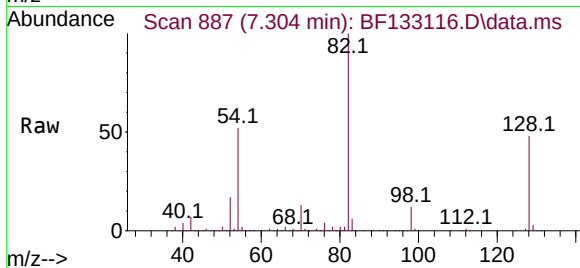
BNA_F

ClientSampleId :

PB152410BL

Tgt Ion: 82 Resp: 1245246

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.7	56.5
54	51.7	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

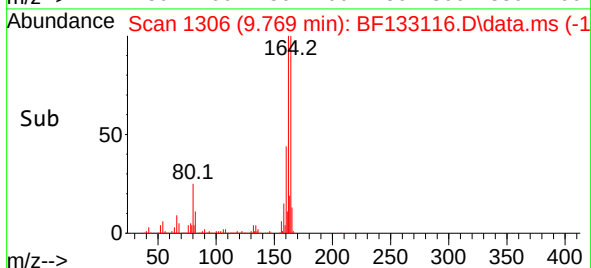
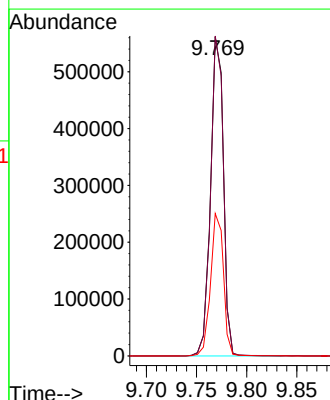
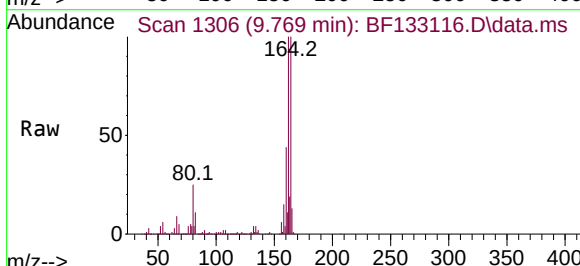
Delta R.T. -0.006 min

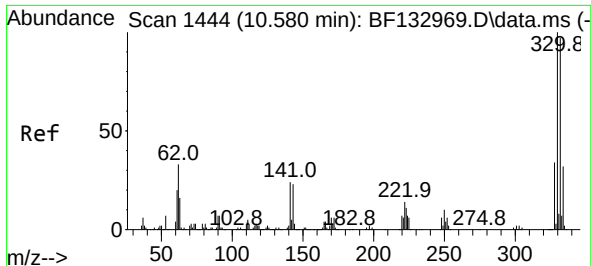
Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

Tgt Ion:164 Resp: 498528

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.7	118.1
160	44.6	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 116.749 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB152410BL

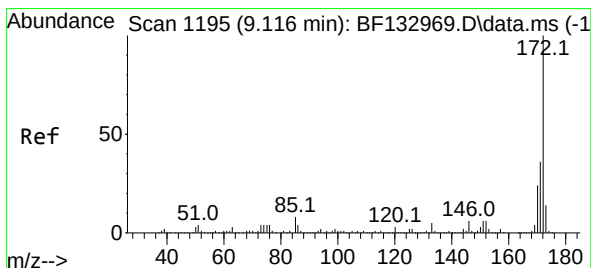
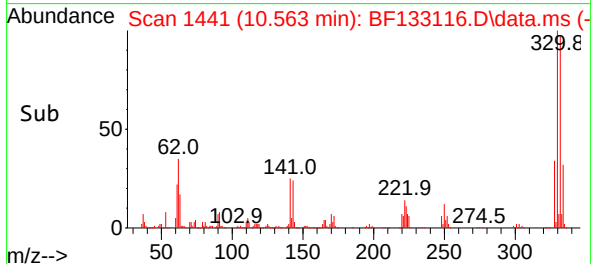
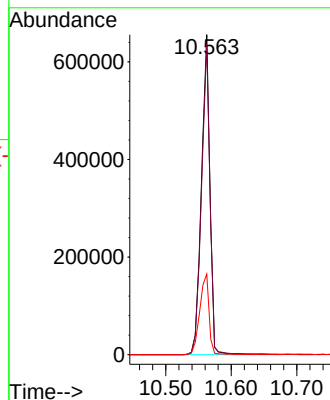
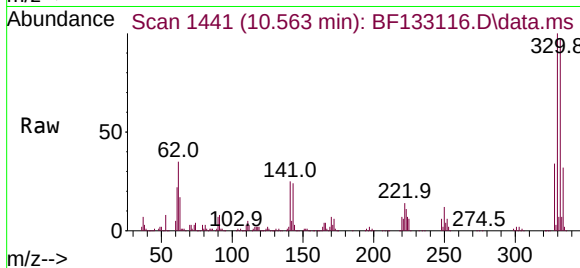
Tgt Ion:330 Resp: 585340

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 27.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 75.287 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

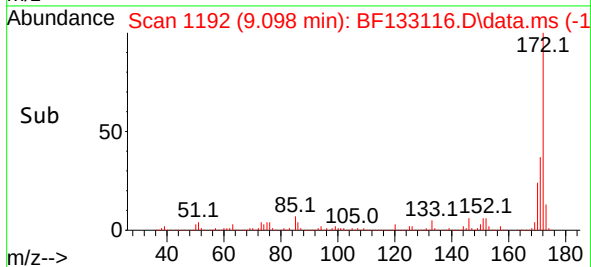
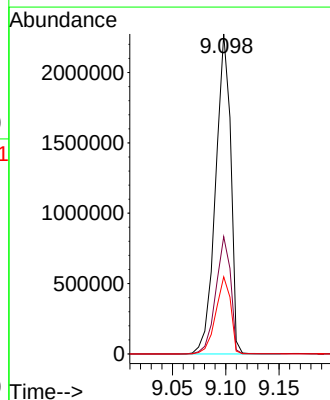
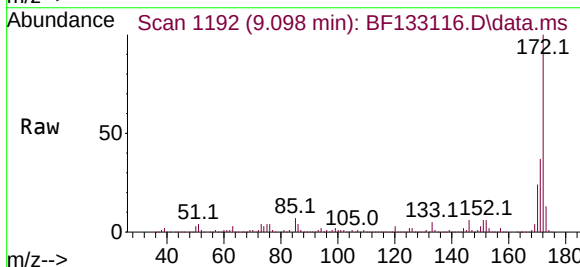
Tgt Ion:172 Resp: 2243425

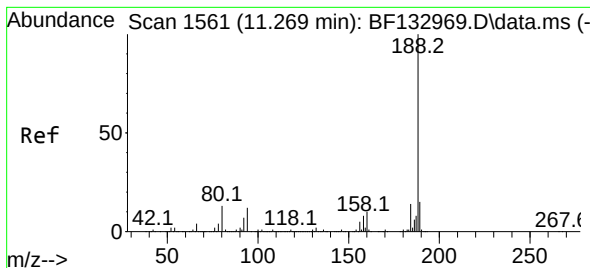
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB152410BL

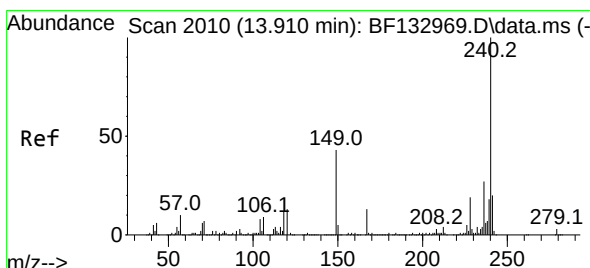
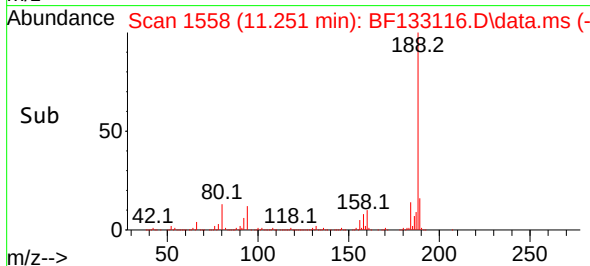
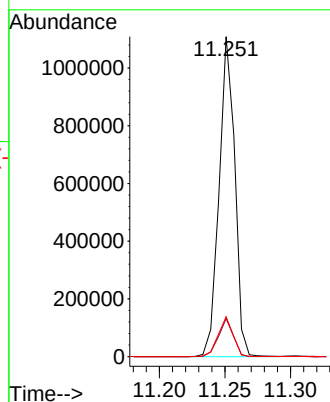
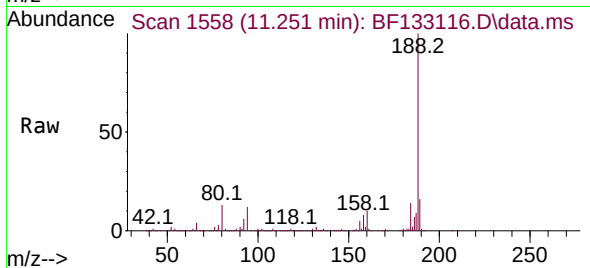
Tgt Ion:188 Resp: 925187

Ion Ratio Lower Upper

188 100

94 11.9 9.7 14.5

80 12.5 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BF133116.D

Acq: 28 Apr 2023 11:18

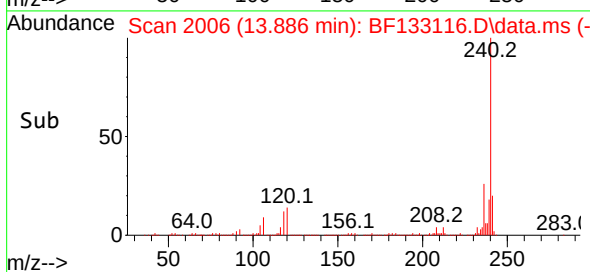
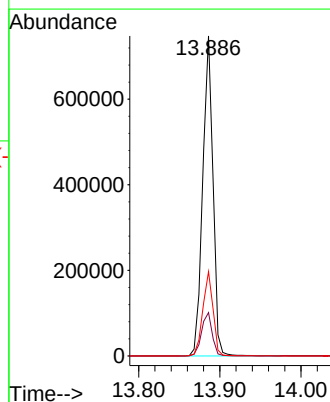
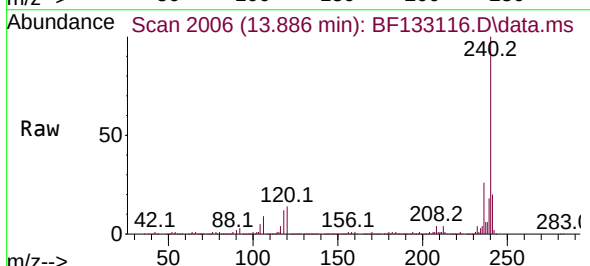
Tgt Ion:240 Resp: 655772

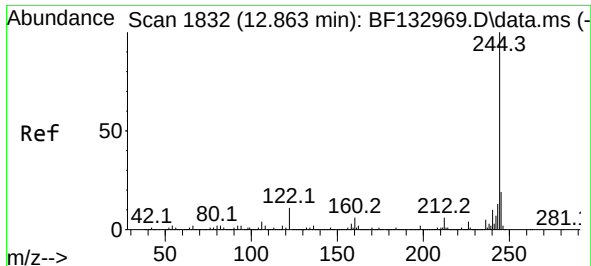
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

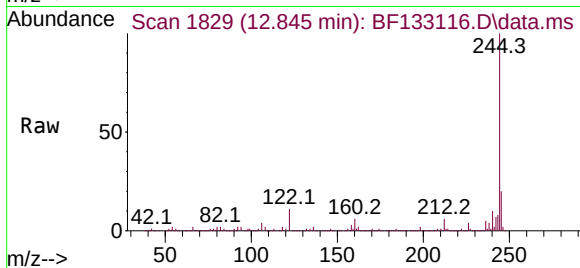
236 26.3 21.5 32.3



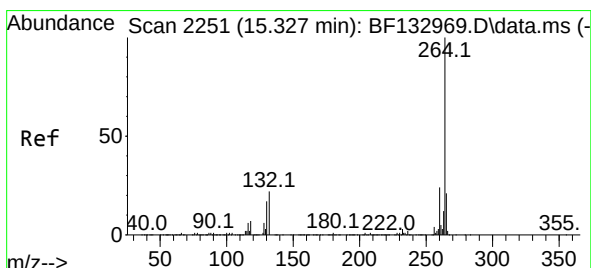
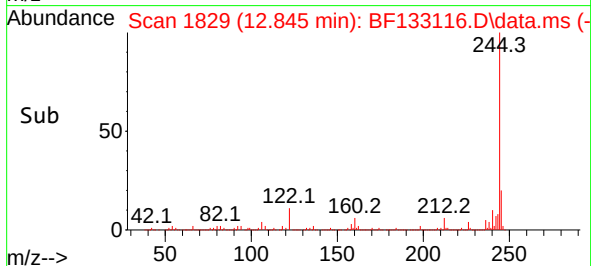
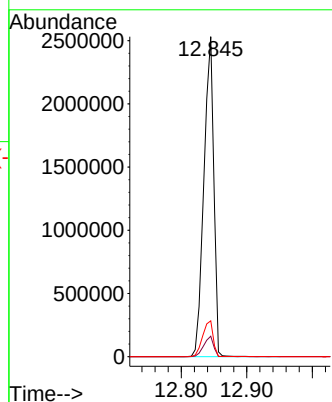


#79
 Terphenyl-d14
 Concen: 69.111 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF133116.D
 Acq: 28 Apr 2023 11:18

Instrument :
 BNA_F
 ClientSampleId :
 PB152410BL



Tgt Ion:244 Resp: 2627814
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: BF133116.D
 Acq: 28 Apr 2023 11:18

Tgt Ion:264 Resp: 589586
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.7 17.0 25.4

