

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133096.D
 Acq On : 27 Apr 2023 13:18
 Operator : CG\JU
 Sample : 02448-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230336-COMP-14

Quant Time: Apr 28 02:06:42 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 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	185821	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	752539	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	392923	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	721347	20.000	ng	0.00
76) Chrysene-d12	13.886	240	530334	20.000	ng	-0.01
86) Perylene-d12	15.304	264	476705	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1464154	119.027	ng	0.01
7) Phenol-d6	6.381	99	1772560	116.095	ng	0.00
23) Nitrobenzene-d5	7.298	82	1069669	76.723	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	501780	126.982	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1827993	77.833	ng	0.00
79) Terphenyl-d14	12.845	244	2184536	71.042	ng	0.00

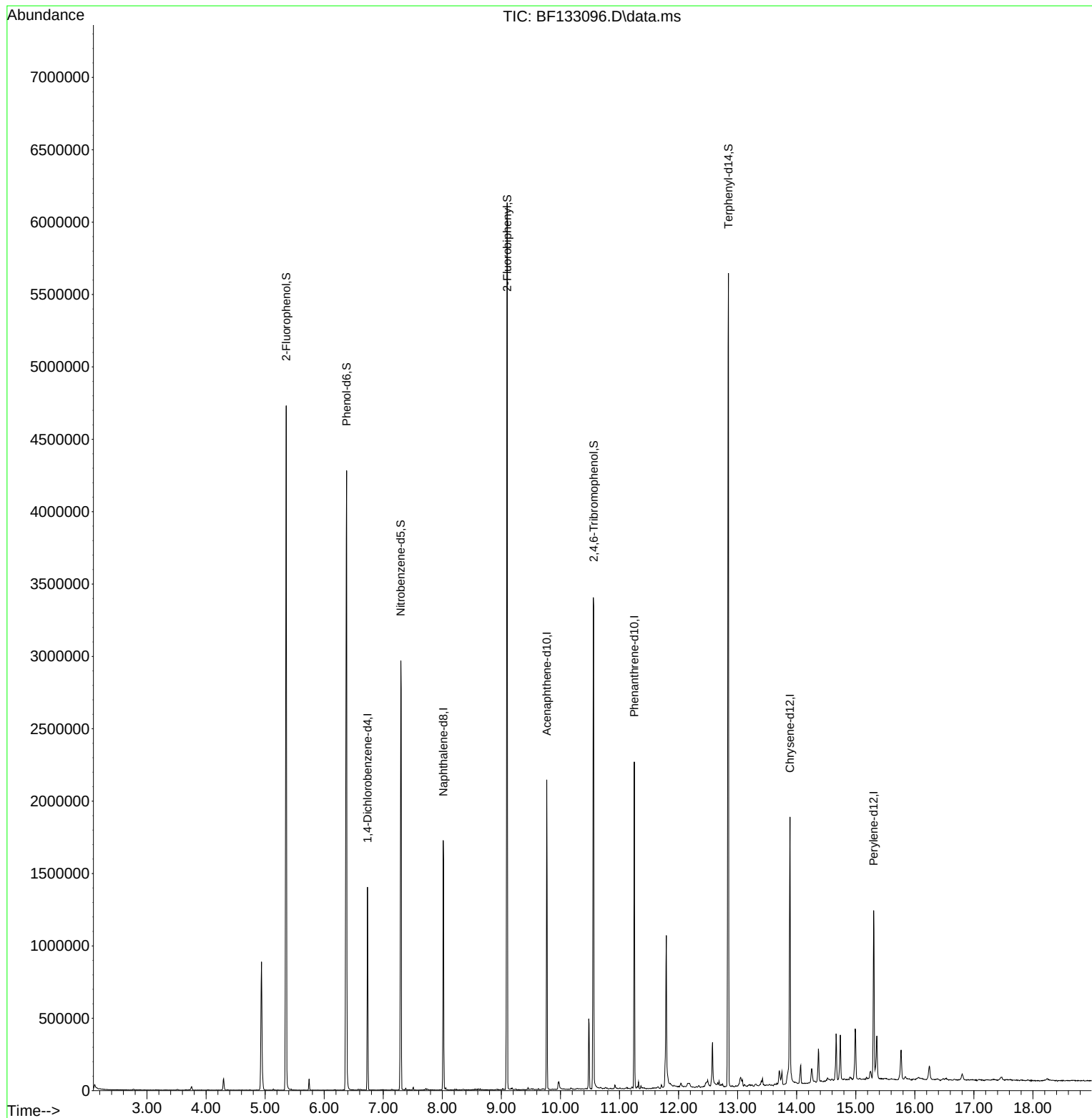
Target Compounds	Qvalue

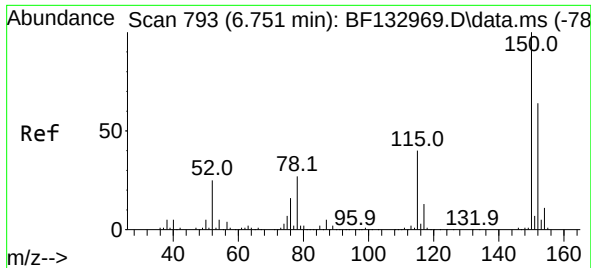
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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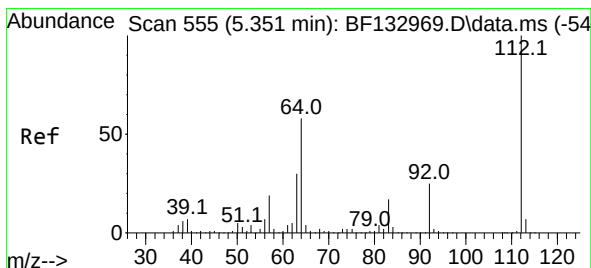
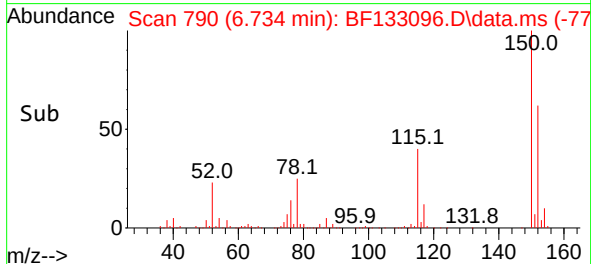
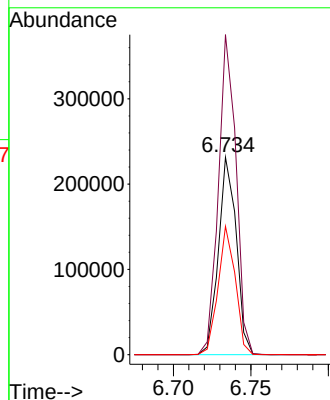
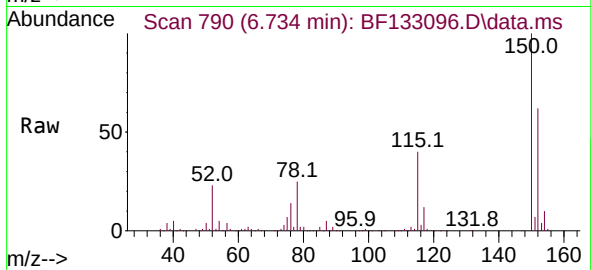




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

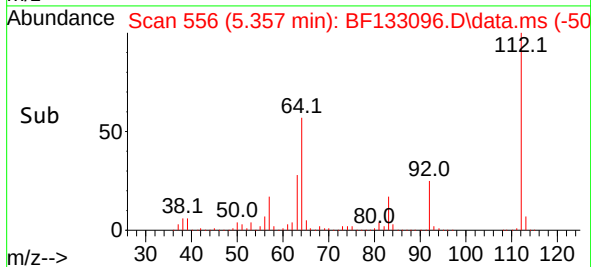
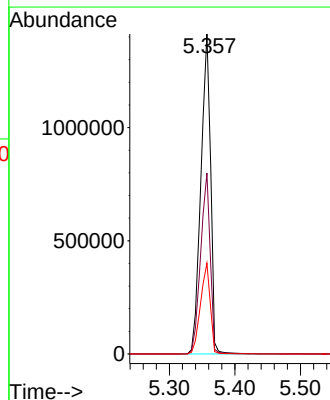
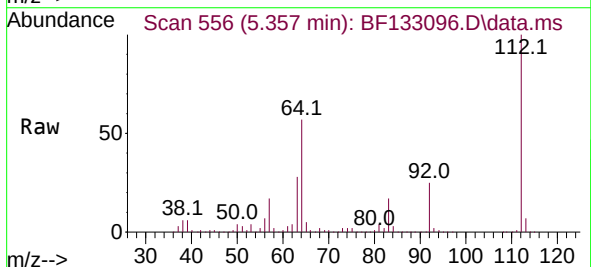
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

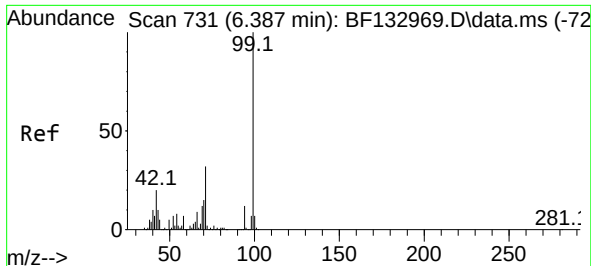
Tgt Ion:152 Resp: 185821
Ion Ratio Lower Upper
152 100
150 162.1 124.8 187.2
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 119.027 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion:112 Resp: 1464154
Ion Ratio Lower Upper
112 100
64 56.6 46.8 70.2
63 28.3 23.8 35.8

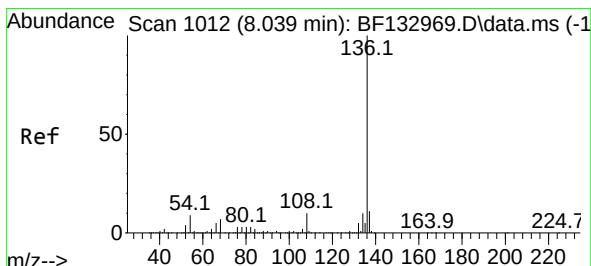
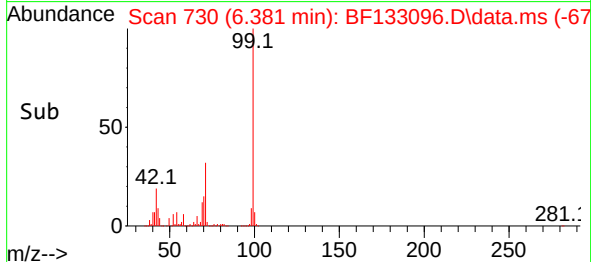
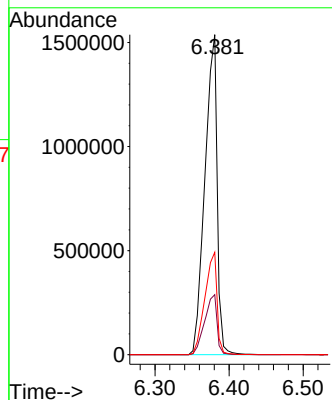
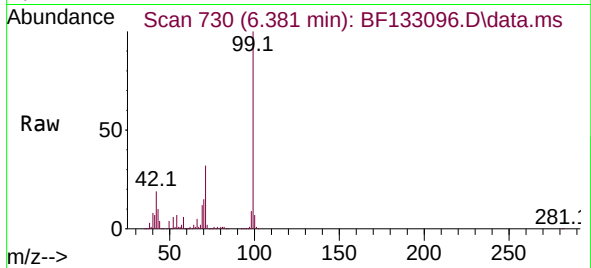




#7
Phenol-d6
Concen: 116.095 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

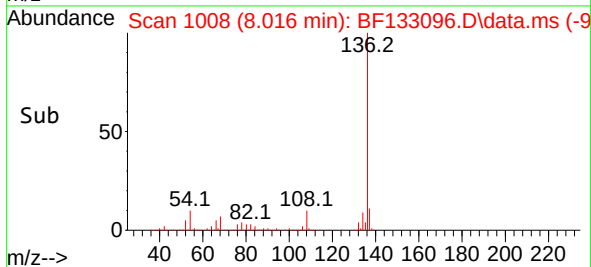
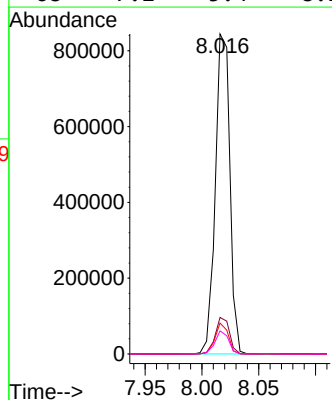
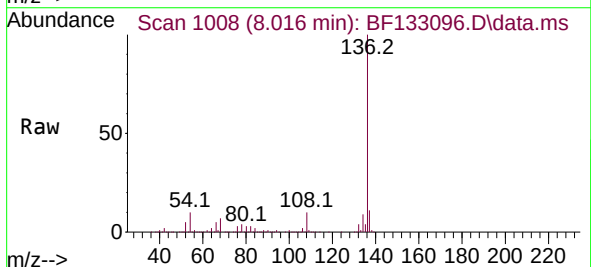
Instrument :
BNA_F
ClientSampleId :
20230336-COMP-14

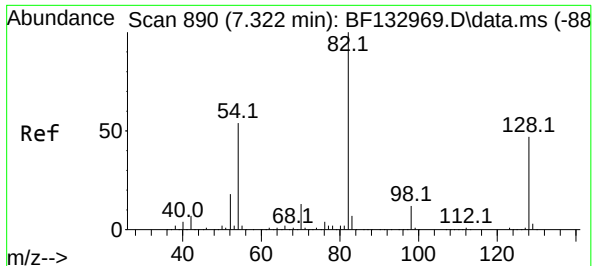
Tgt Ion: 99 Resp: 1772560
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

Tgt Ion: 136 Resp: 752539
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.7 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.723 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

Instrument :

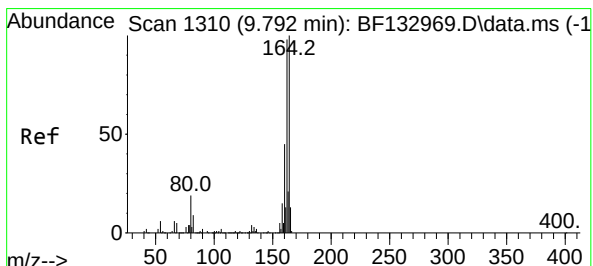
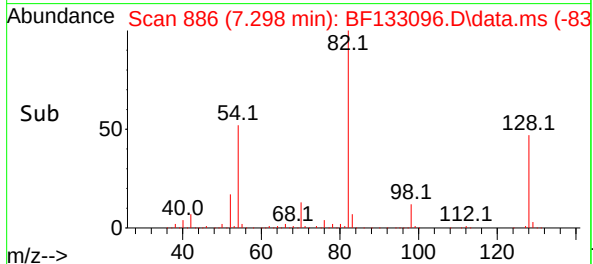
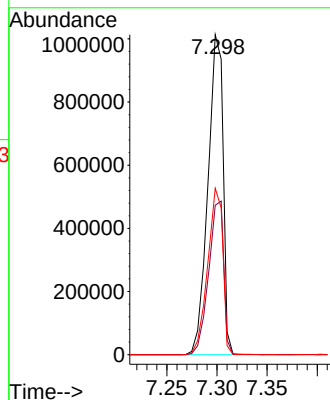
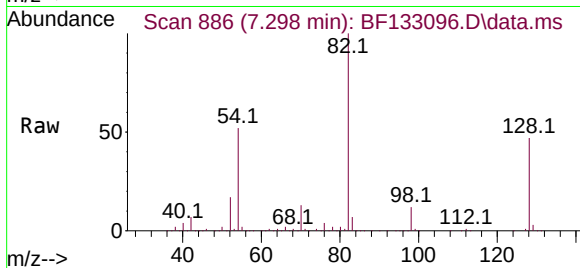
BNA_F

ClientSampleId :

20230336-COMP-14

Tgt Ion: 82 Resp: 1069669

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.7	56.5
54	52.0	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

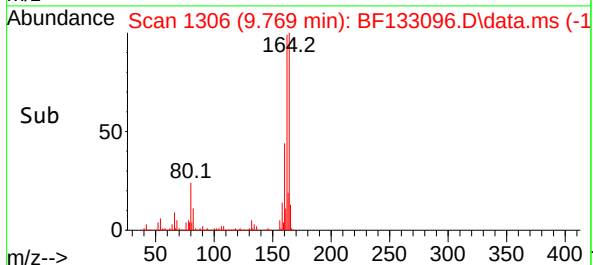
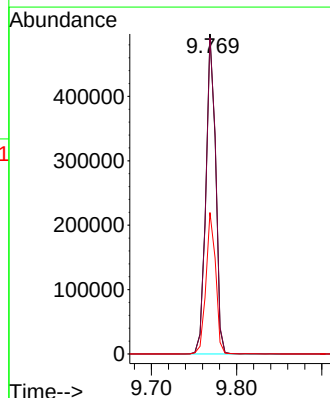
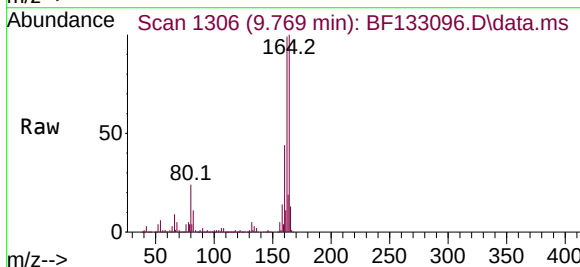
Delta R.T. -0.006 min

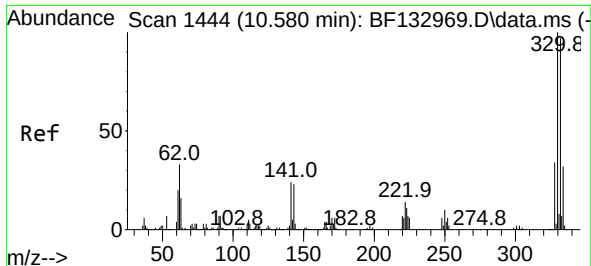
Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

Tgt Ion:164 Resp: 392923

Ion	Ratio	Lower	Upper
164	100		
162	98.9	78.7	118.1
160	44.2	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 126.982 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133096.D

Acq: 27 Apr 2023 13:18

Instrument :

BNA_F

ClientSampleId :

20230336-COMP-14

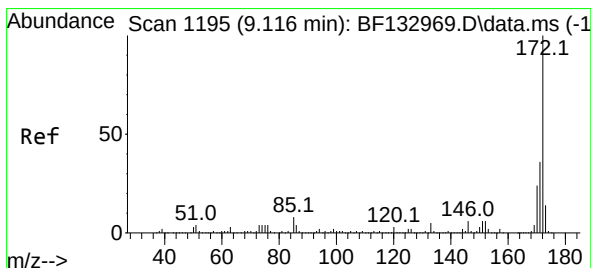
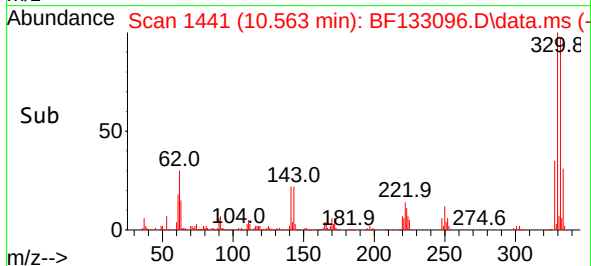
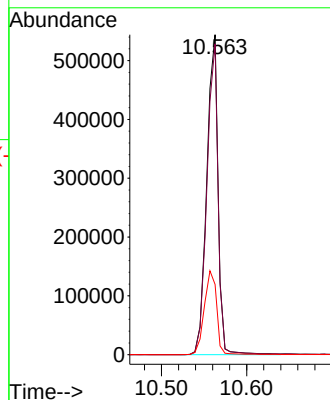
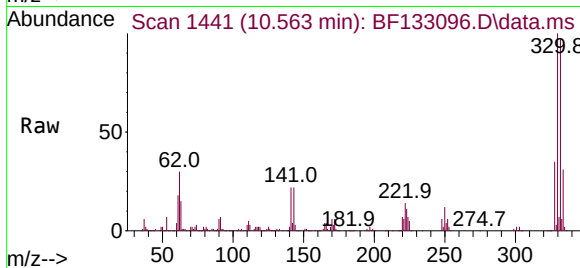
Tgt Ion:330 Resp: 501780

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 28.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 77.833 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133096.D

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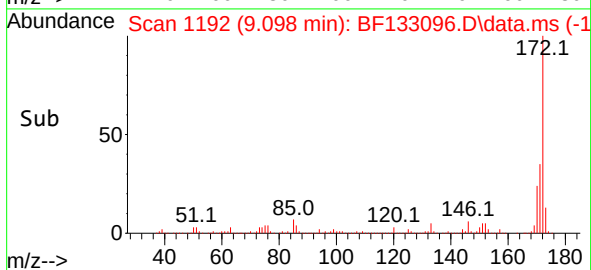
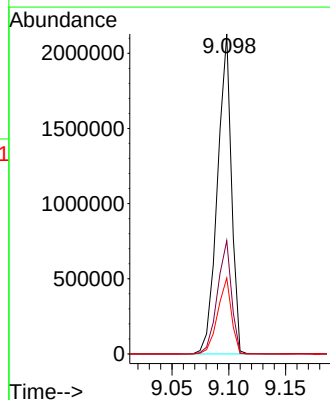
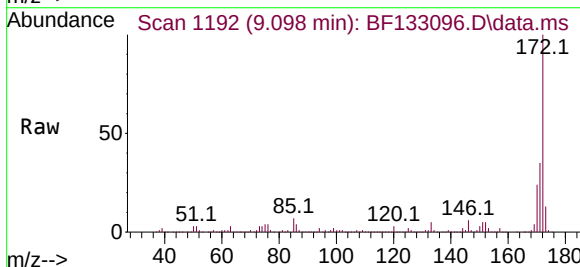
Tgt Ion:172 Resp: 1827993

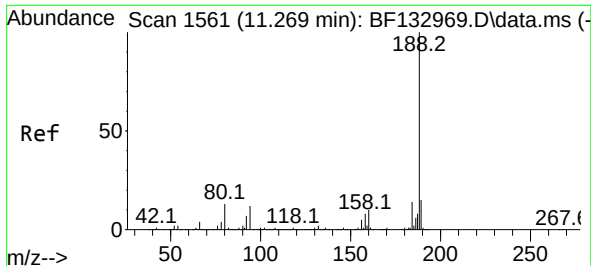
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.4 29.2

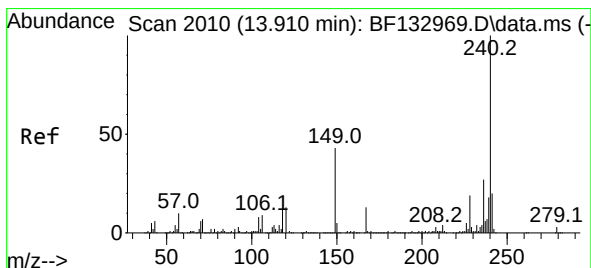
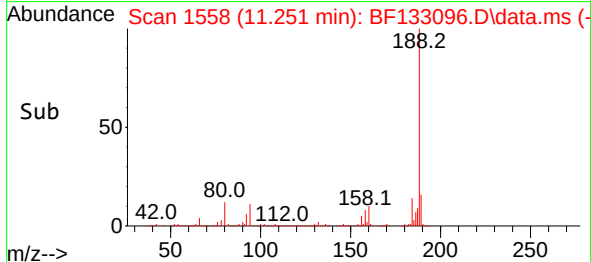
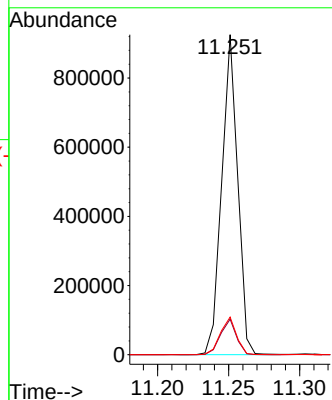
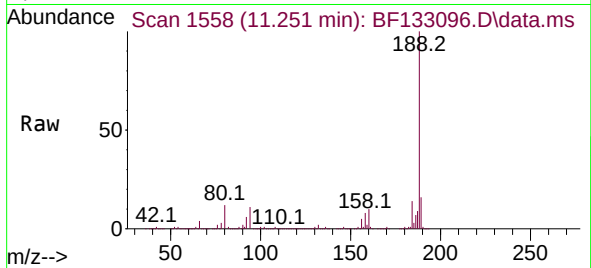




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

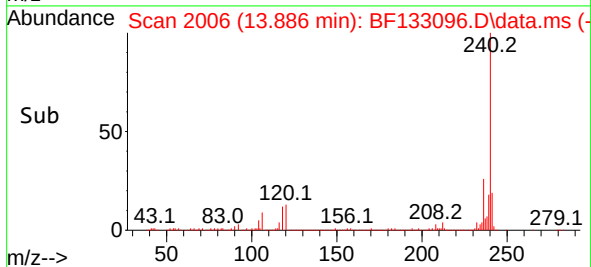
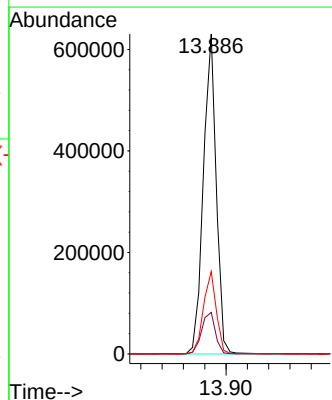
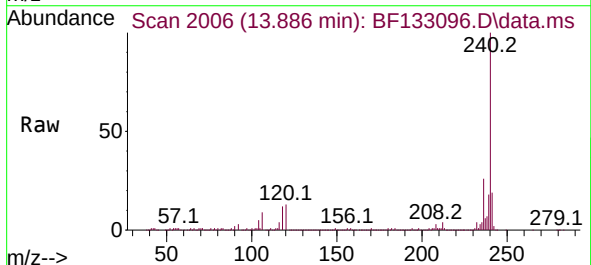
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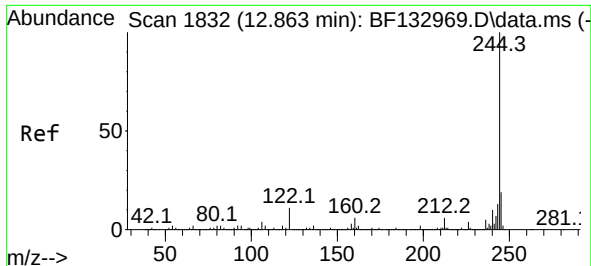
Tgt Ion:188 Resp: 721347
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133096.D
Acq: 27 Apr 2023 13:18

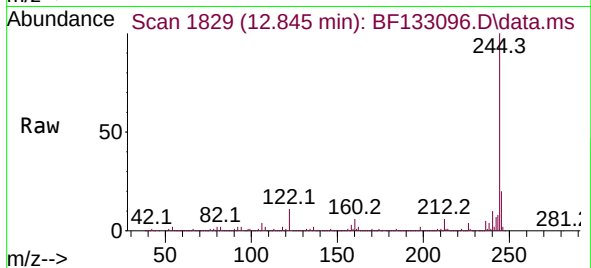
Tgt Ion:240 Resp: 530334
Ion Ratio Lower Upper
240 100
120 13.0 10.5 15.7
236 25.8 21.5 32.3



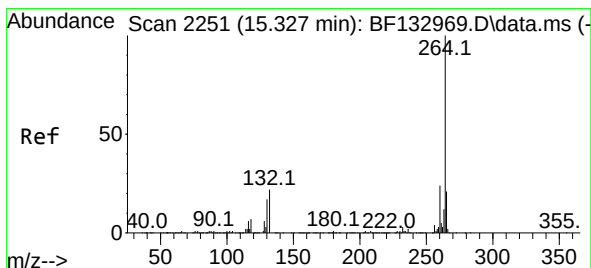
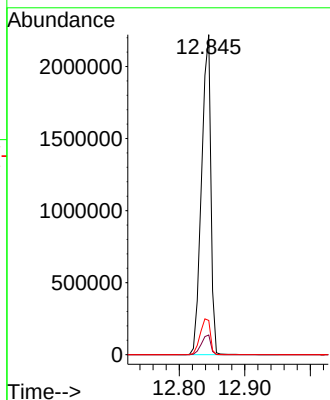
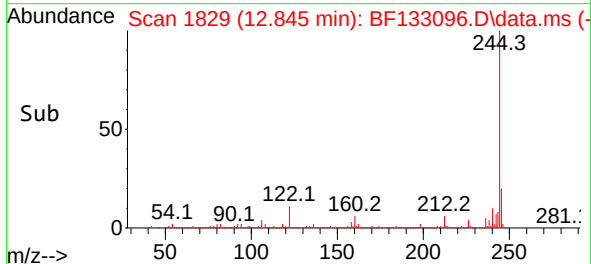


#79
 Terphenyl-d14
 Concen: 71.042 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.000 min
 Lab File: BF133096.D
 Acq: 27 Apr 2023 13:18

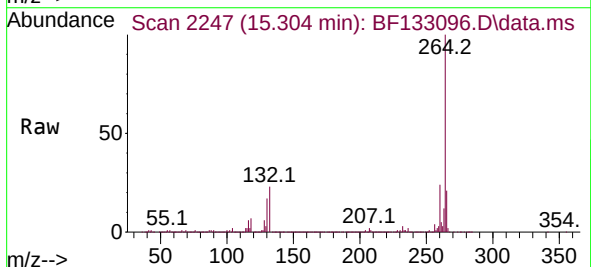
Instrument :
 BNA_F
 ClientSampleId :
 20230336-COMP-14



Tgt Ion:244 Resp: 2184536
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 10.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.012 min
 Lab File: BF133096.D
 Acq: 27 Apr 2023 13:18



Tgt Ion:264 Resp: 476705
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.3 17.0 25.4

