

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133289.D
 Acq On : 08 May 2023 11:34
 Operator : CG\JU
 Sample : PB152599BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152599BL

Quant Time: May 09 05:02:48 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	6.722	152	245886	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1046999	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	565074	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1054830	20.000	ng	0.00
76) Chrysene-d12	13.874	240	676686	20.000	ng	0.00
86) Perylene-d12	15.292	264	534898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1887291	115.946	ng	0.02
7) Phenol-d6	6.369	99	2377679	117.687	ng	0.00
23) Nitrobenzene-d5	7.292	82	1458183	75.175	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	598968	105.398	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2433782	72.056	ng	0.00
79) Terphenyl-d14	12.833	244	2781799	70.900	ng	0.00

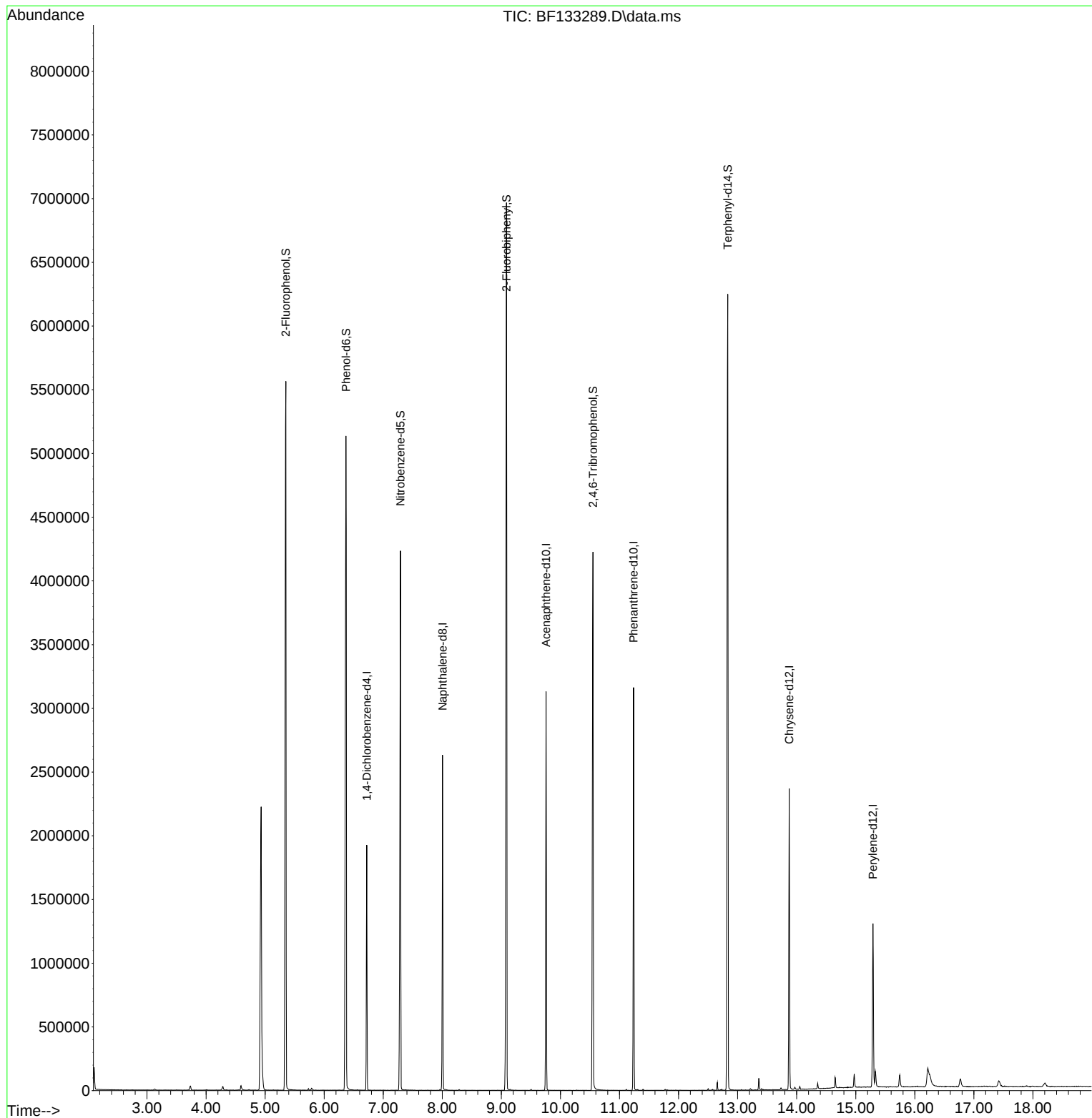
Target Compounds	Qvalue

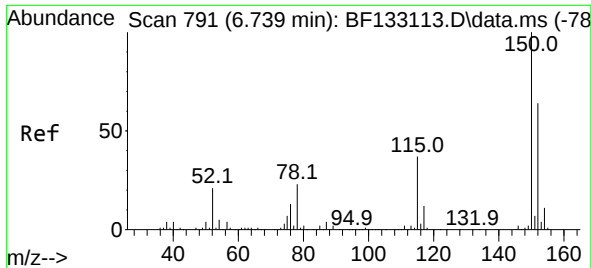
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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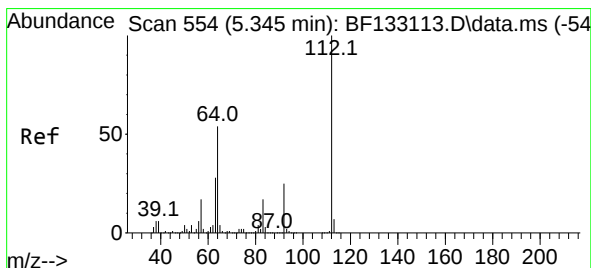
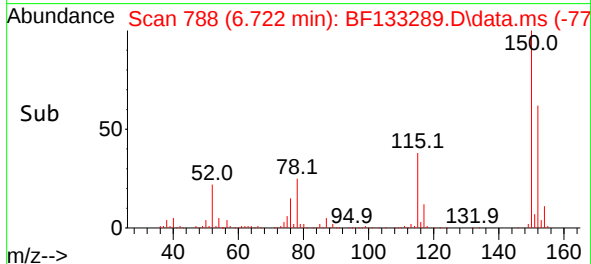
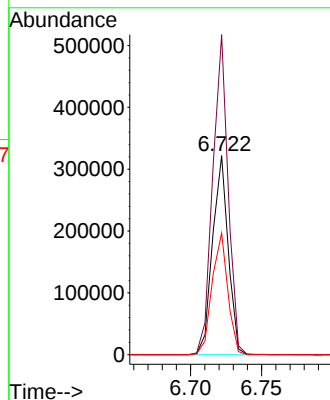
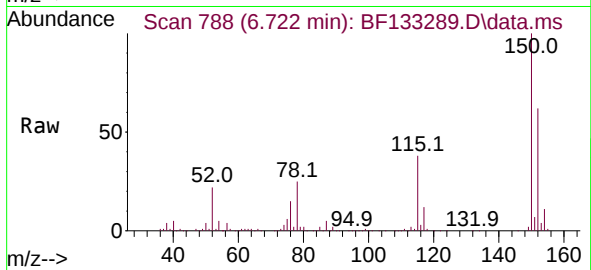




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

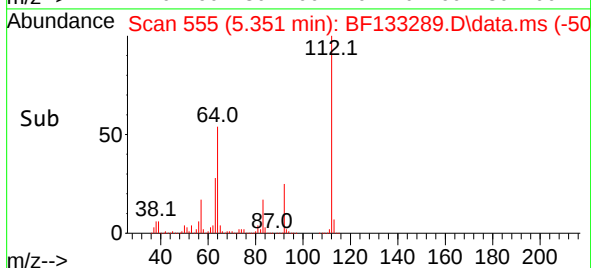
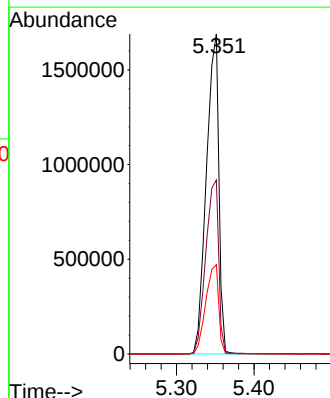
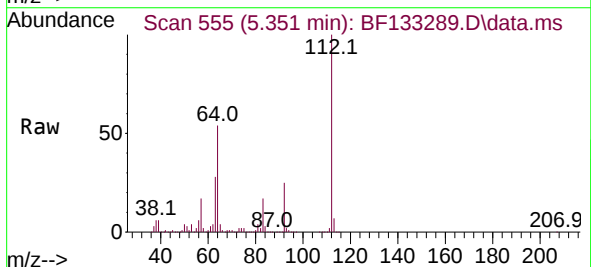
Instrument :
BNA_F
ClientSampleId :
PB152599BL

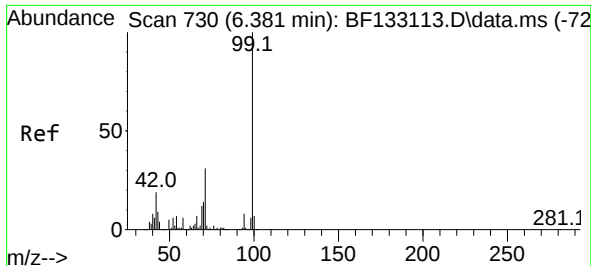
Tgt Ion:152 Resp: 245886
Ion Ratio Lower Upper
152 100
150 160.8 124.8 187.2
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 115.946 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.024 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:112 Resp: 1887291
Ion Ratio Lower Upper
112 100
64 54.4 46.8 70.2
63 27.9 23.8 35.8



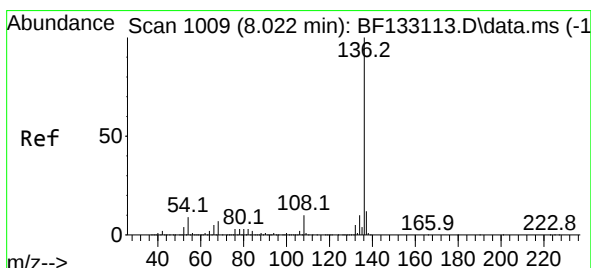
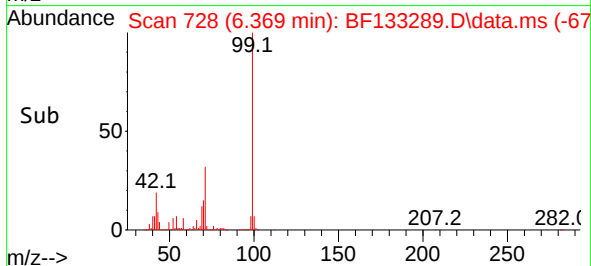
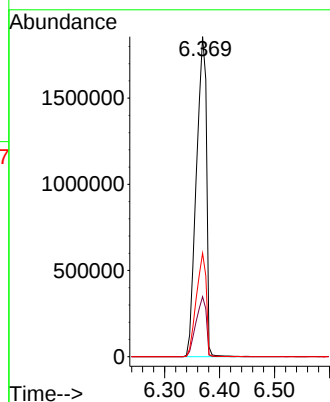
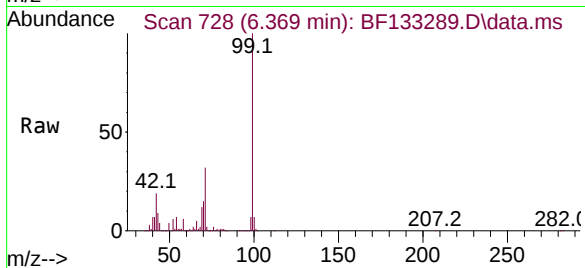


#7
Phenol-d6
Concen: 117.687 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Instrument :
BNA_F
ClientSampleId :
PB152599BL

Tgt Ion: 99 Resp: 2377679

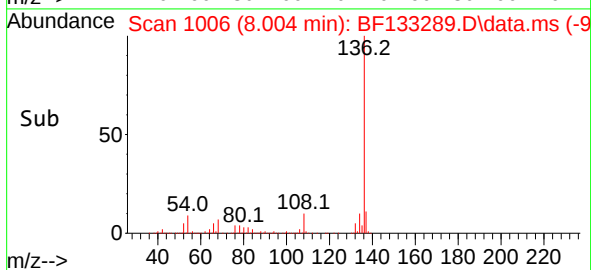
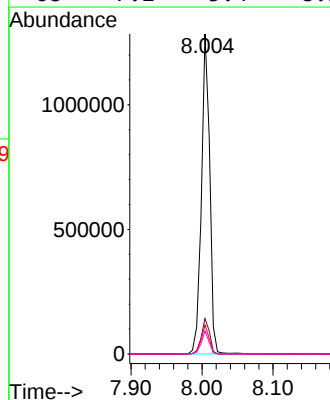
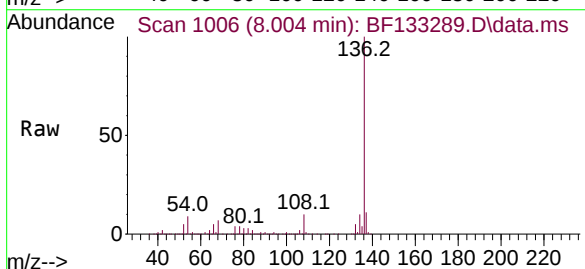
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.3	25.6	38.4

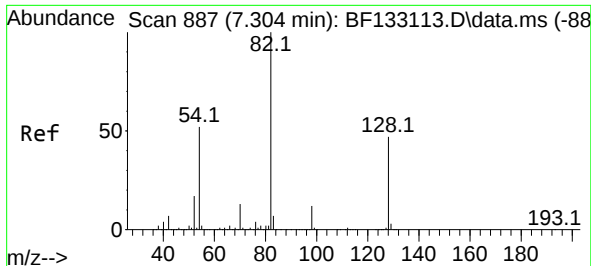


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion: 136 Resp: 1046999

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.0	7.0	10.4
68	7.2	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.175 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133289.D

Acq: 08 May 2023 11:34

Instrument :

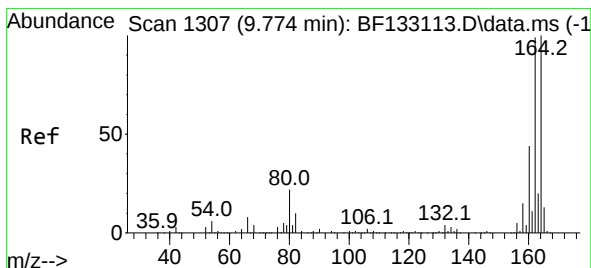
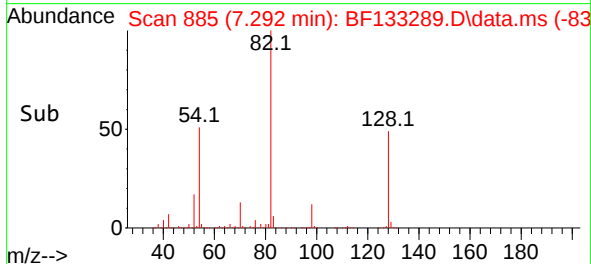
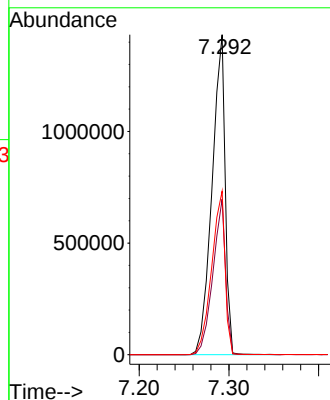
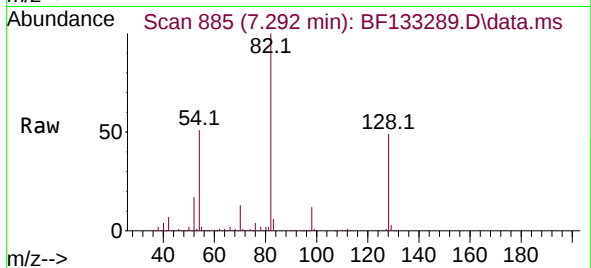
BNA_F

ClientSampleId :

PB152599BL

Tgt Ion: 82 Resp: 1458183

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.7	56.5
54	51.1	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

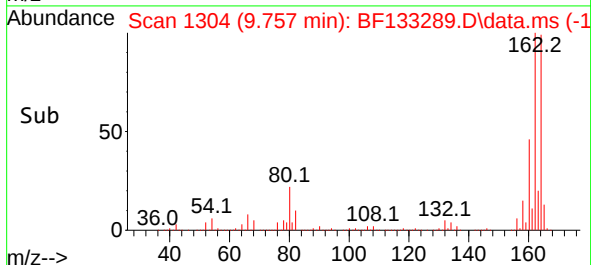
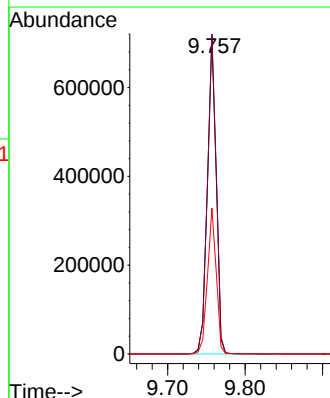
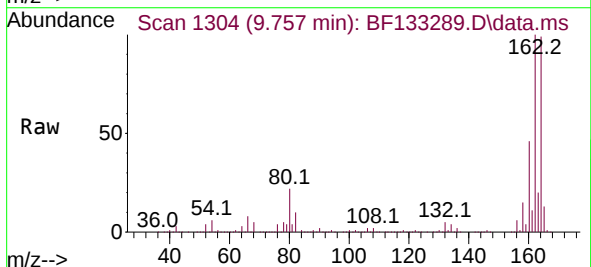
Delta R.T. -0.006 min

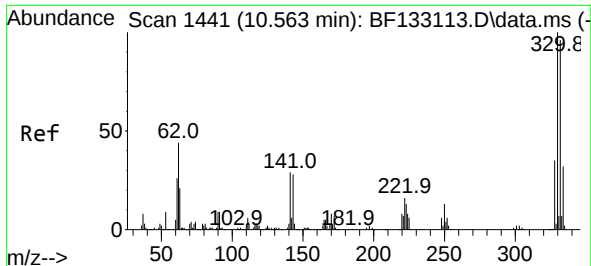
Lab File: BF133289.D

Acq: 08 May 2023 11:34

Tgt Ion: 164 Resp: 565074

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.7	118.1
160	45.8	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 105.398 ng

RT: 10.551 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133289.D

Acq: 08 May 2023 11:34

Instrument :

BNA_F

ClientSampleId :

PB152599BL

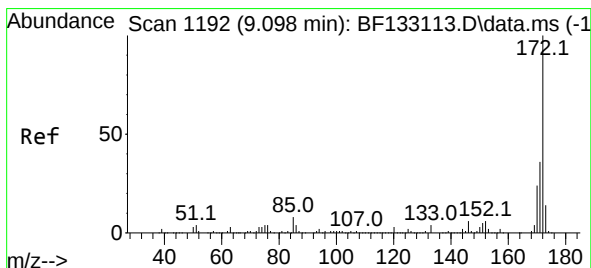
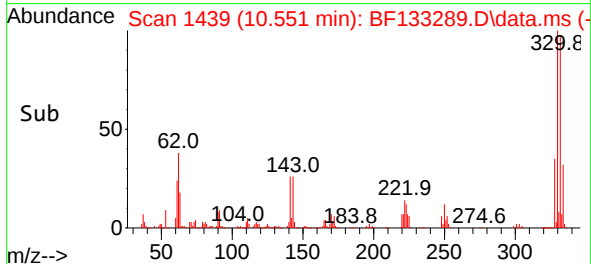
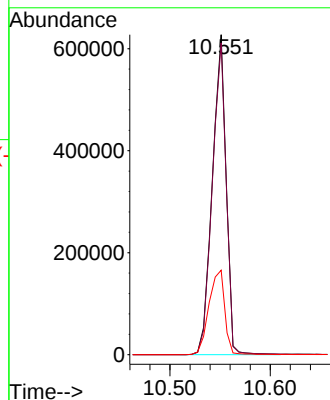
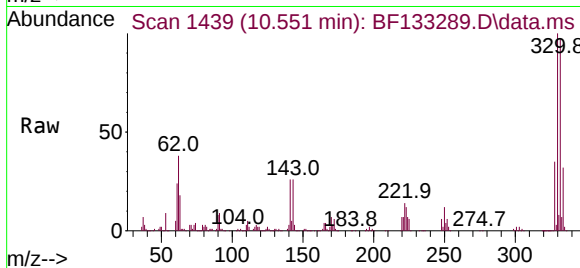
Tgt Ion:330 Resp: 598968

Ion Ratio Lower Upper

330 100

332 98.4 77.1 115.7

141 30.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 72.056 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133289.D

Acq: 08 May 2023 11:34

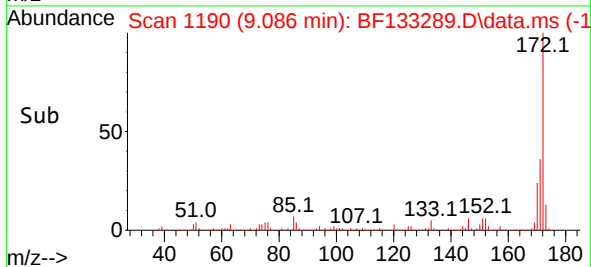
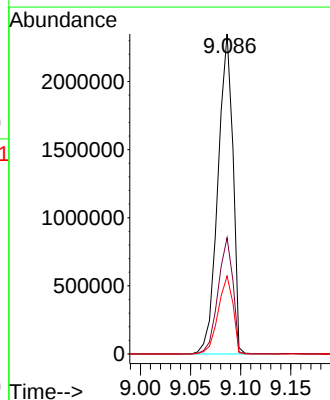
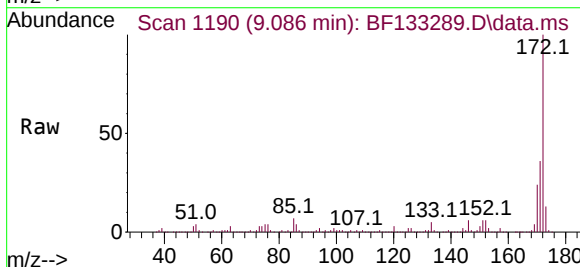
Tgt Ion:172 Resp: 2433782

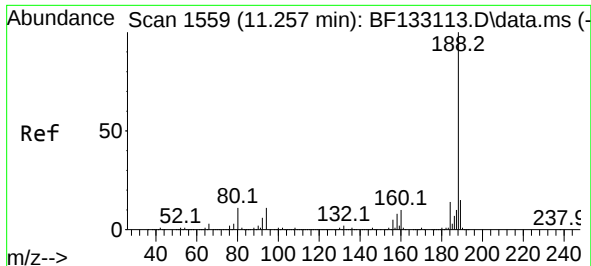
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.4 19.4 29.2

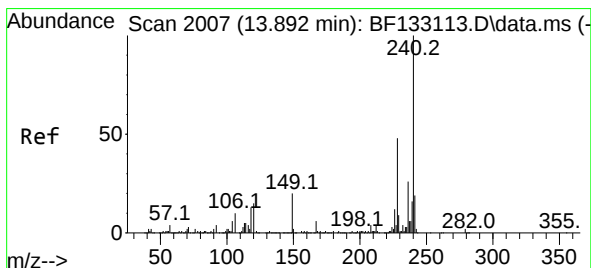
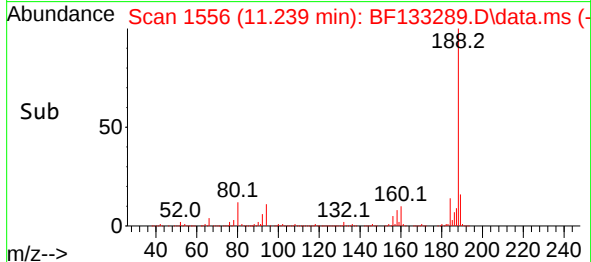
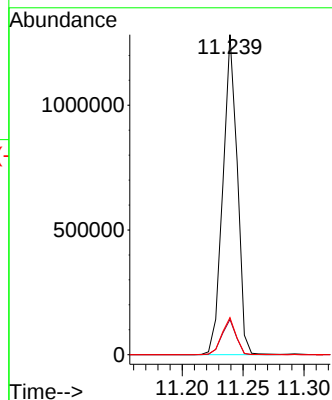
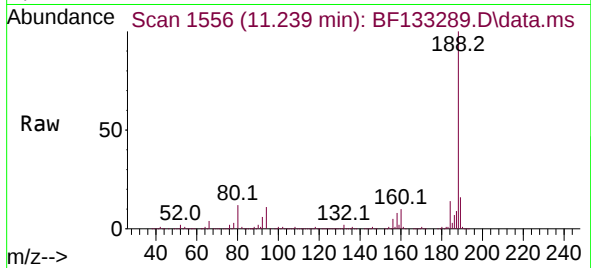




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

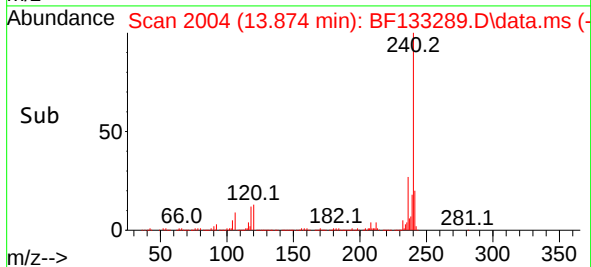
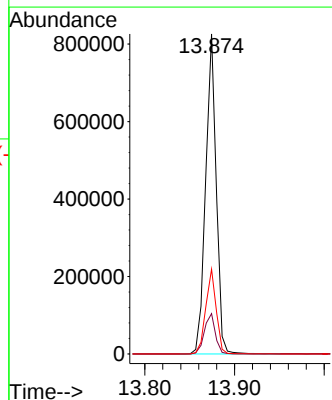
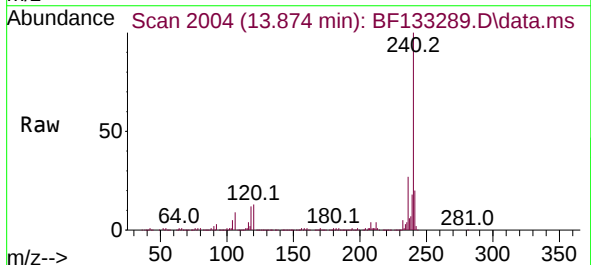
Instrument :
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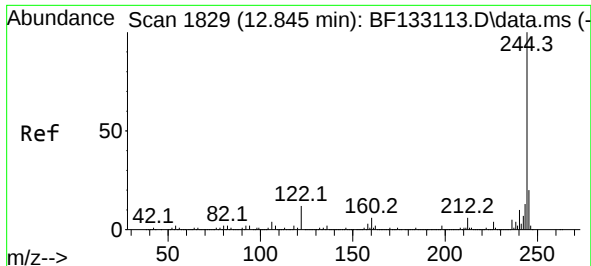
Tgt Ion:188 Resp: 1054830
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

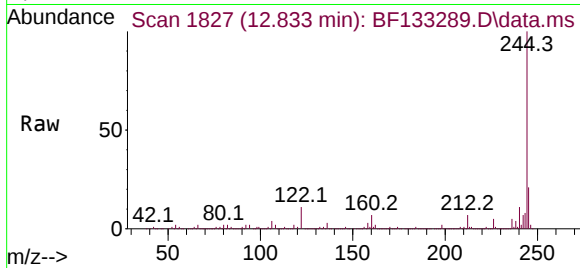
Tgt Ion:240 Resp: 676686
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.5 21.5 32.3



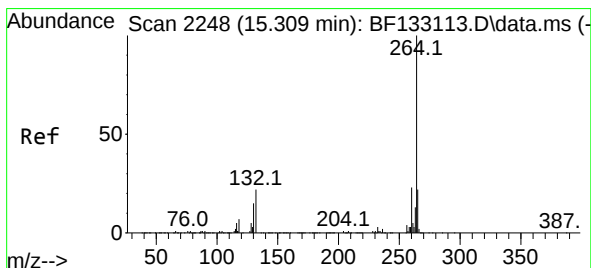
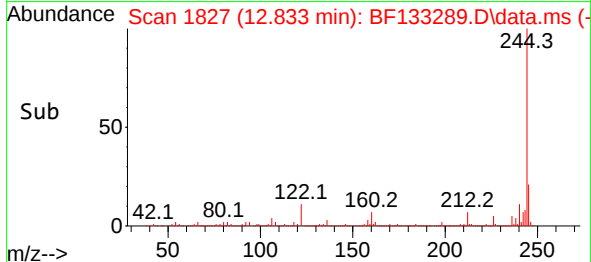
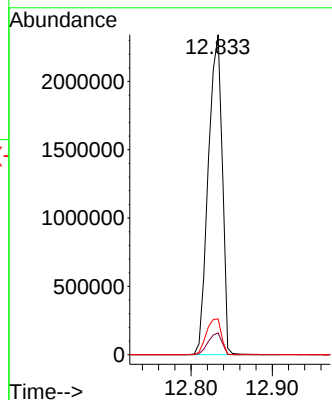


#79
 Terphenyl-d14
 Concen: 70.900 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133289.D
 Acq: 08 May 2023 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB152599BL



Tgt Ion:244 Resp: 2781799
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: BF133289.D
 Acq: 08 May 2023 11:34

Tgt Ion:264 Resp: 534898
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.0 25.4

