

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133285.D
 Acq On : 06 May 2023 02:36
 Operator : CG\JU
 Sample : 02624-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WZ-2A

Quant Time: May 06 05:55:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

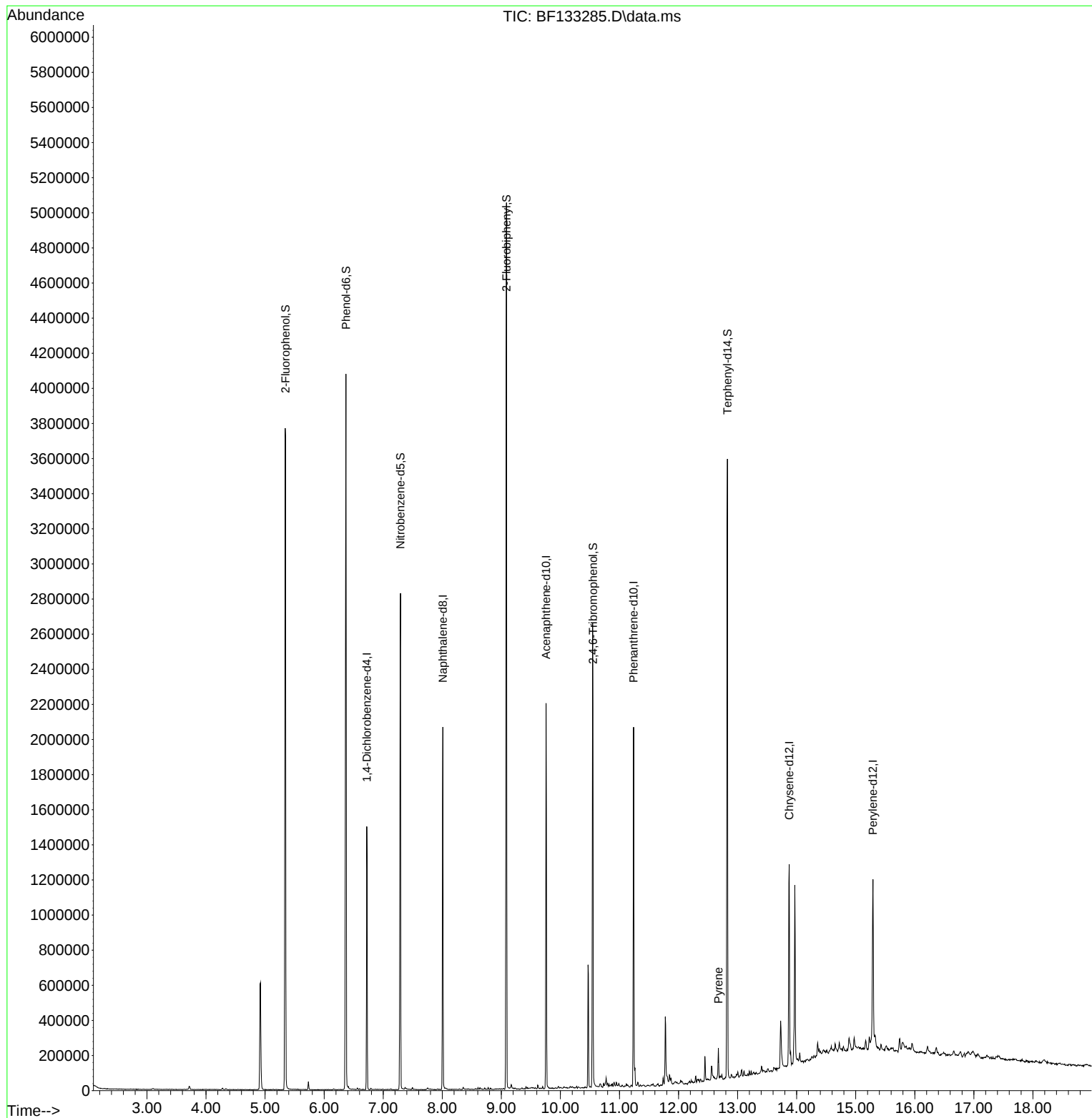
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	208810	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	812117	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	409956	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	653980	20.000	ng	0.00
76) Chrysene-d12	13.874	240	360891	20.000	ng	0.00
86) Perylene-d12	15.292	264	381412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1167259	84.444	ng	0.01
7) Phenol-d6	6.369	99	1429732	83.332	ng	0.00
23) Nitrobenzene-d5	7.293	82	882324	58.643	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	317514	77.012	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1465541	59.808	ng	0.00
79) Terphenyl-d14	12.827	244	1235521	59.044	ng	0.00
Target Compounds						
78) Pyrene	12.675	202	64864	2.097	ng	Qvalue 98

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

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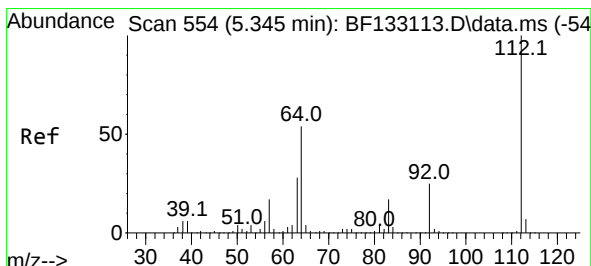
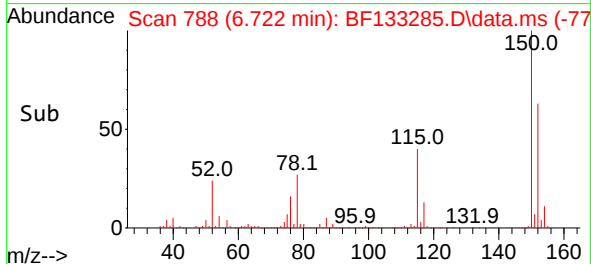
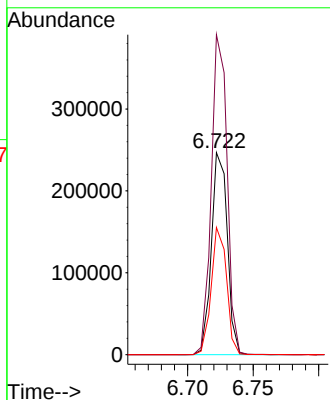
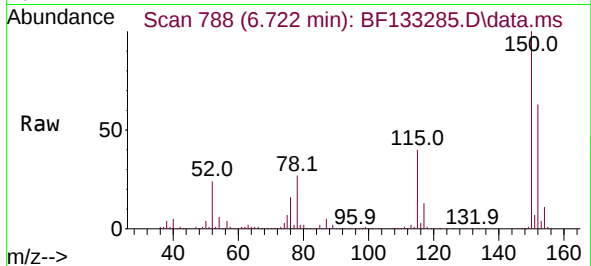




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

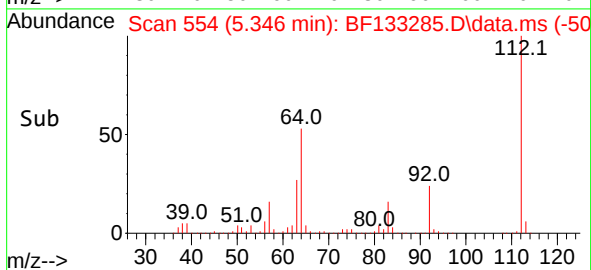
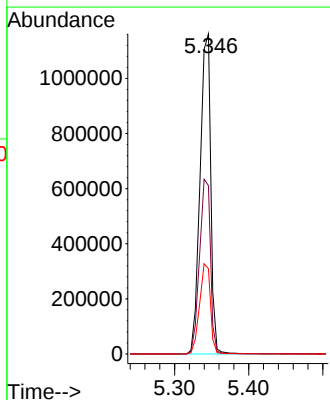
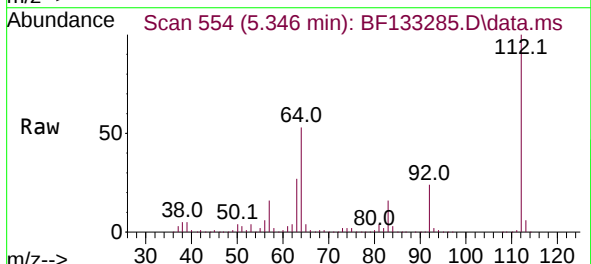
Instrument :
BNA_F
ClientSampleId :
WZ-2A

Tgt Ion:152 Resp: 208810
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 84.444 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion:112 Resp: 1167259
Ion Ratio Lower Upper
112 100
64 52.6 46.8 70.2
63 26.7 23.8 35.8

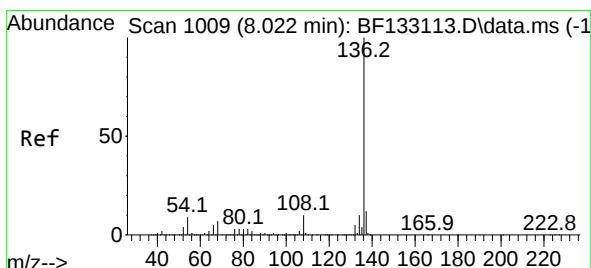
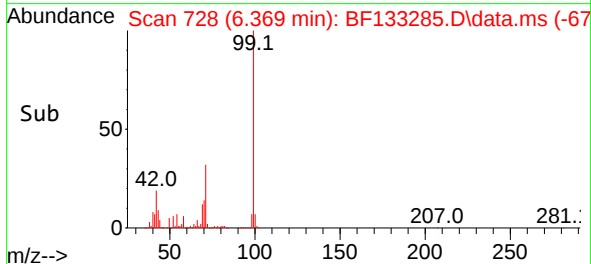
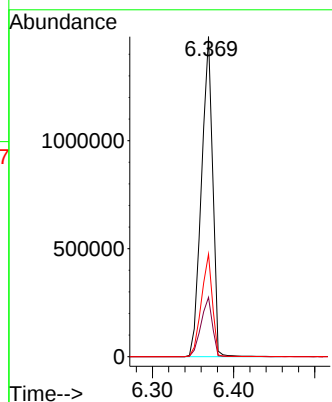
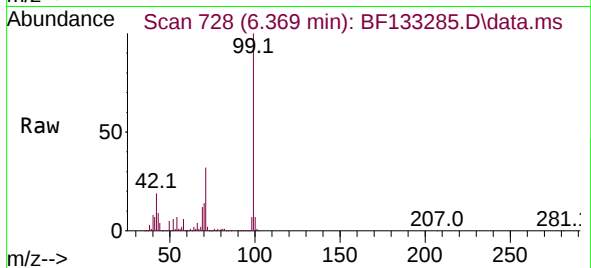




#7
Phenol-d6
Concen: 83.332 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

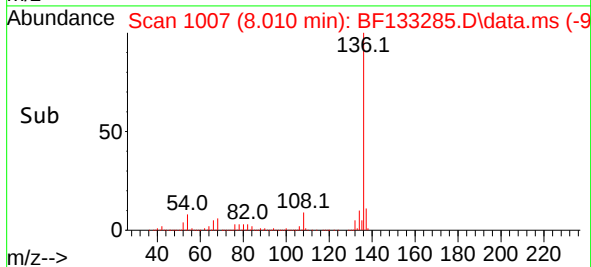
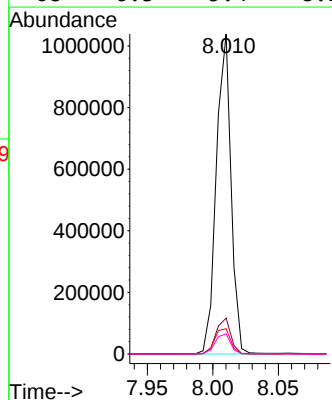
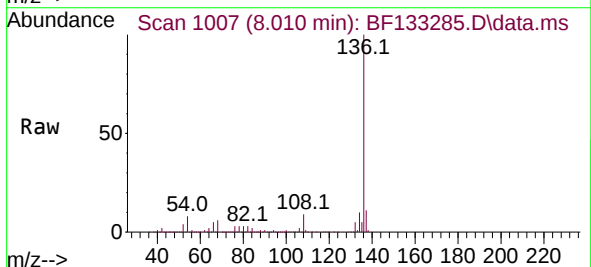
Instrument :
BNA_F
ClientSampleId :
WZ-2A

Tgt Ion: 99 Resp: 1429732
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion: 136 Resp: 812117
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.9 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 58.643 ng

RT: 7.293 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

Instrument :

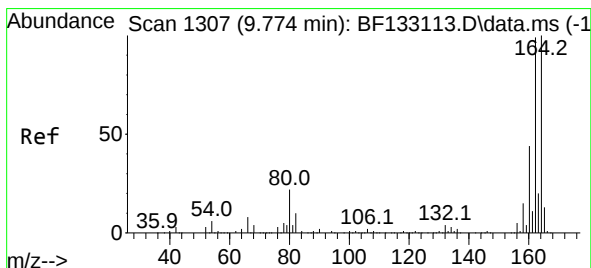
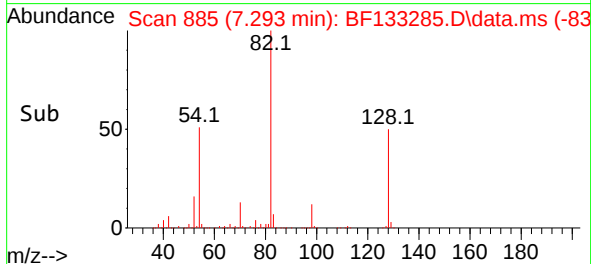
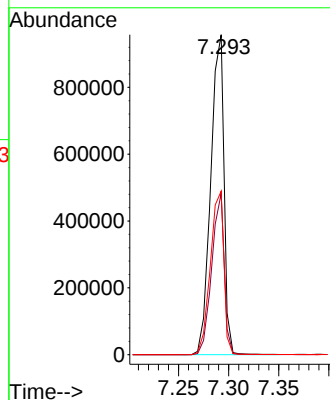
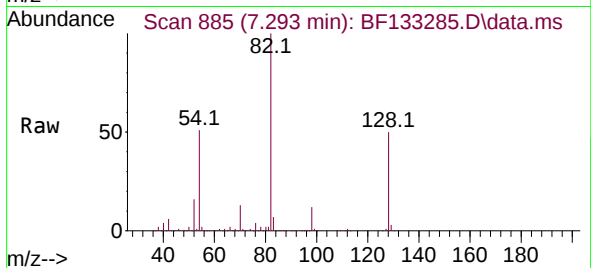
BNA_F

ClientSampleId :

WZ-2A

Tgt Ion: 82 Resp: 882324

Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	51.1	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

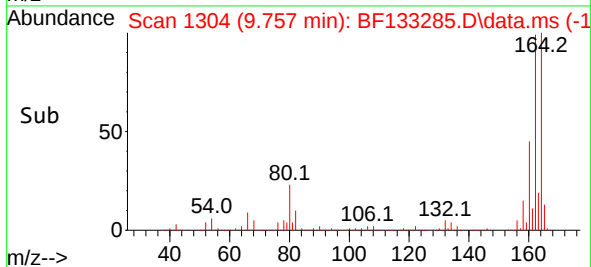
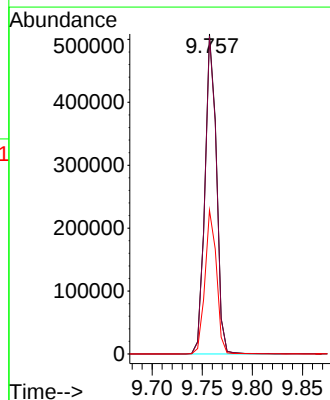
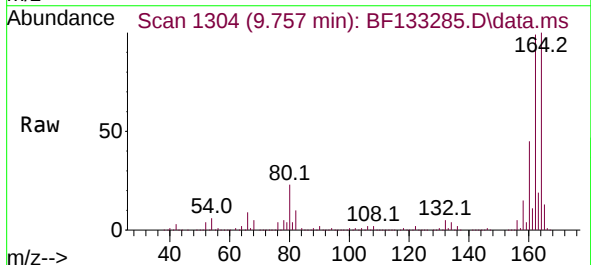
Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

Tgt Ion: 164 Resp: 409956

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	44.9	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 77.012 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

Instrument :

BNA_F

ClientSampleId :

WZ-2A

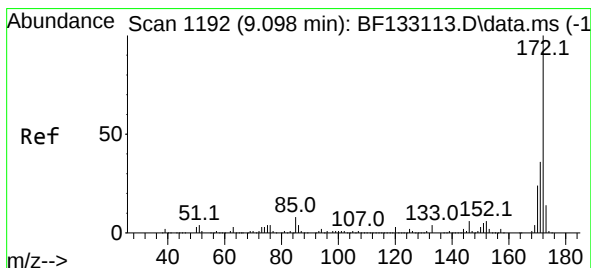
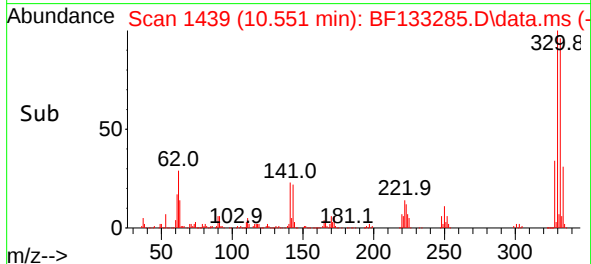
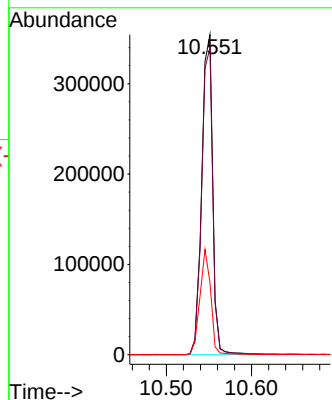
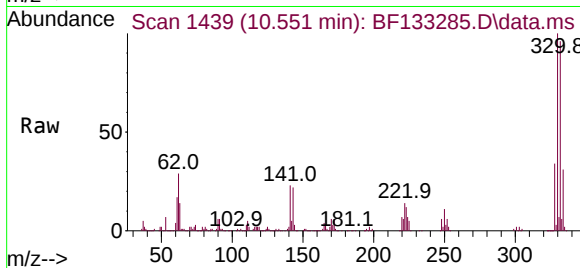
Tgt Ion:330 Resp: 317514

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 32.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.808 ng

RT: 9.087 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133285.D

Acq: 06 May 2023 02:36

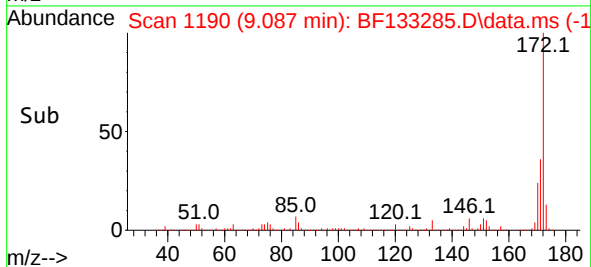
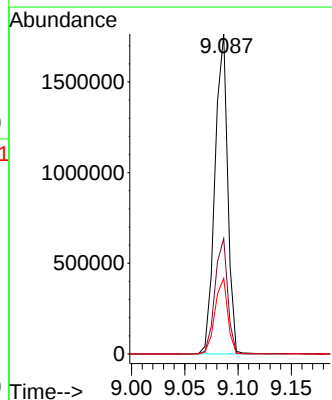
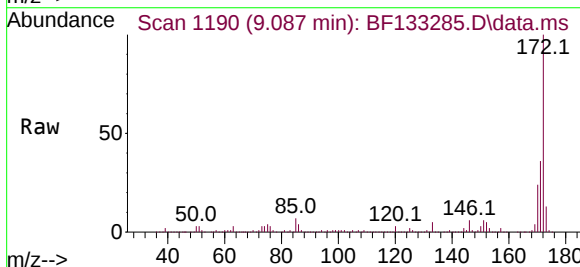
Tgt Ion:172 Resp: 1465541

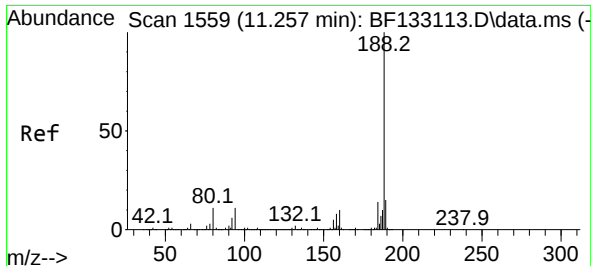
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.6 19.4 29.2

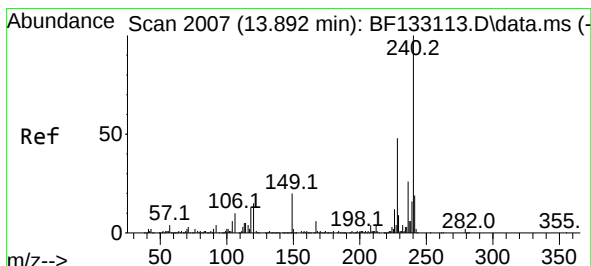
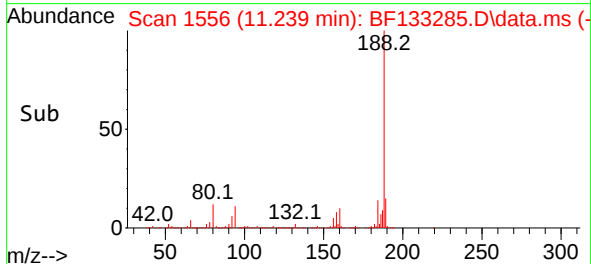
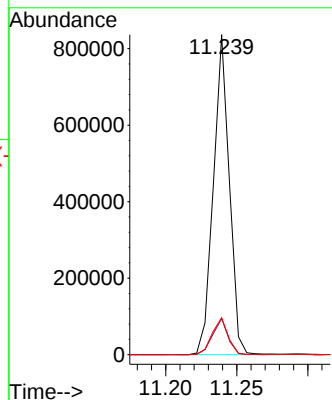
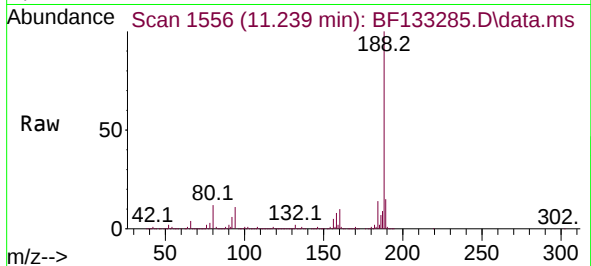




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

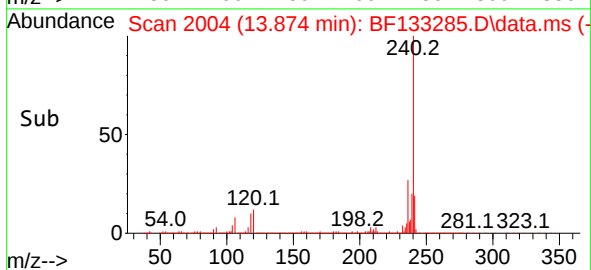
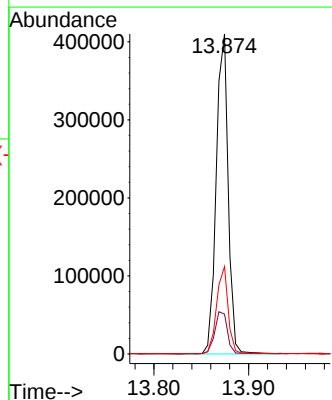
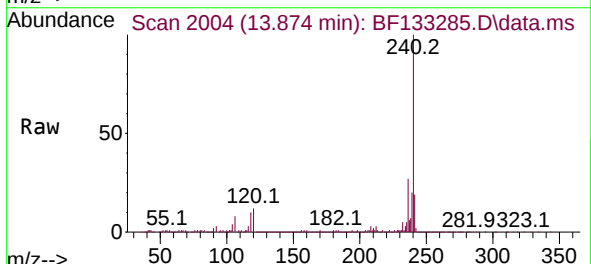
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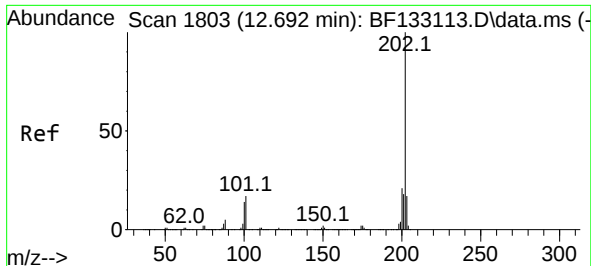
Tgt Ion:188 Resp: 653980
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133285.D
Acq: 06 May 2023 02:36

Tgt Ion:240 Resp: 360891
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 27.3 21.5 32.3

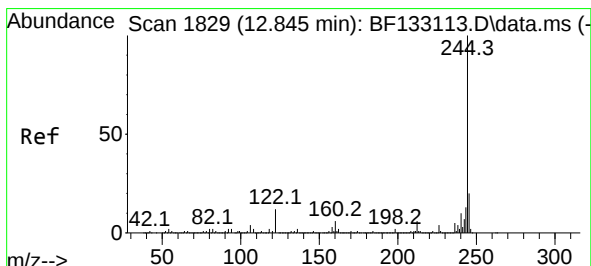
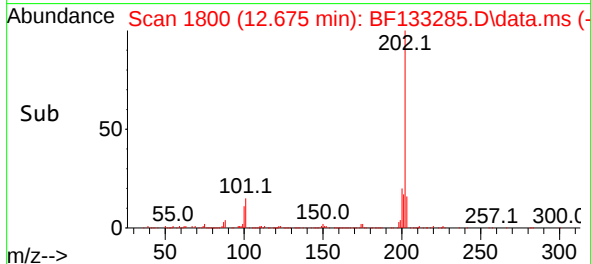
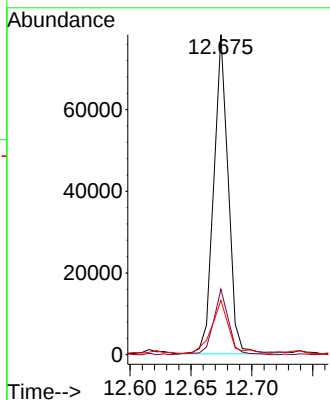
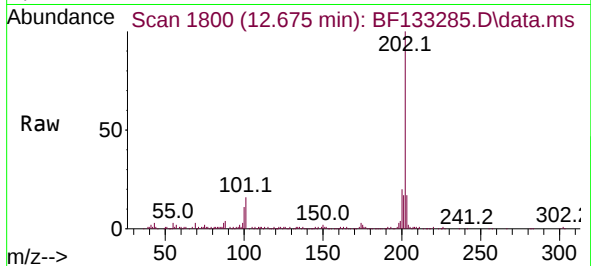




#78
 Pyrene
 Concen: 2.097 ng
 RT: 12.675 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF133285.D
 Acq: 06 May 2023 02:36

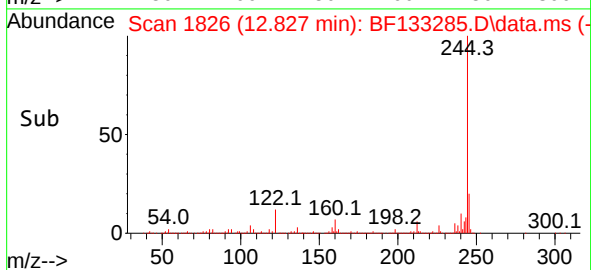
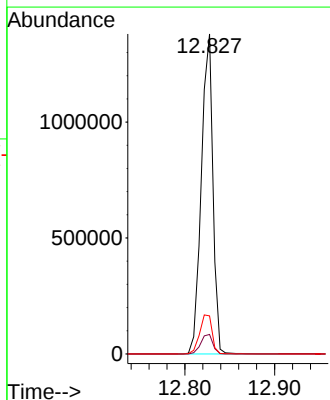
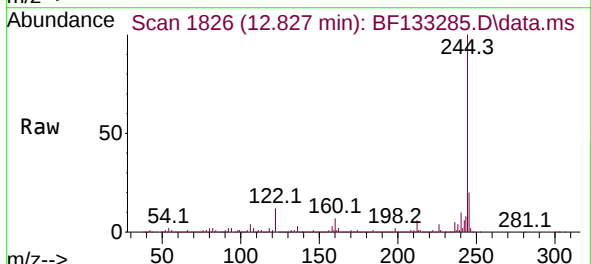
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 BNA_F
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 WZ-2A

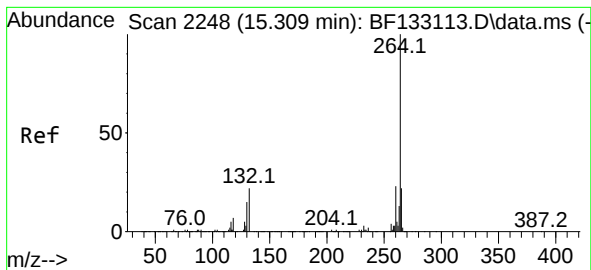
Tgt Ion:202 Resp: 64864
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.1 25.7
 203 17.0 14.1 21.1



#79
 Terphenyl-d14
 Concen: 59.044 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133285.D
 Acq: 06 May 2023 02:36

Tgt Ion:244 Resp: 1235521
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 11.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133285.D

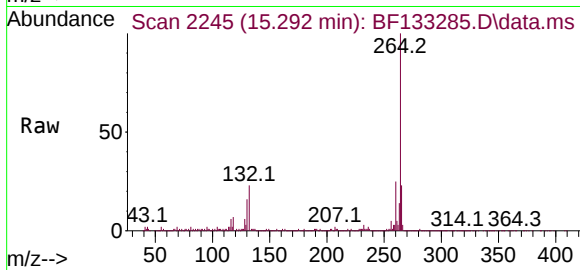
Acq: 06 May 2023 02:36

Instrument :

BNA_F

ClientSampleId :

WZ-2A



Tgt Ion:264 Resp: 381412

Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

265 22.9 17.0 25.4

