

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133279.D
 Acq On : 05 May 2023 23:25
 Operator : CG\JU
 Sample : 02618-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: May 06 05:53:44 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	178641	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	716337	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	373585	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	668824	20.000	ng	0.00
76) Chrysene-d12	13.874	240	390354	20.000	ng	0.00
86) Perylene-d12	15.292	264	321756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	744655	62.969	ng	0.00
7) Phenol-d6	6.369	99	563973	38.422	ng	0.00
23) Nitrobenzene-d5	7.292	82	1186835	89.429	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	434455	115.635	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1943662	87.042	ng	0.00
79) Terphenyl-d14	12.833	244	1966835	86.899	ng	0.00

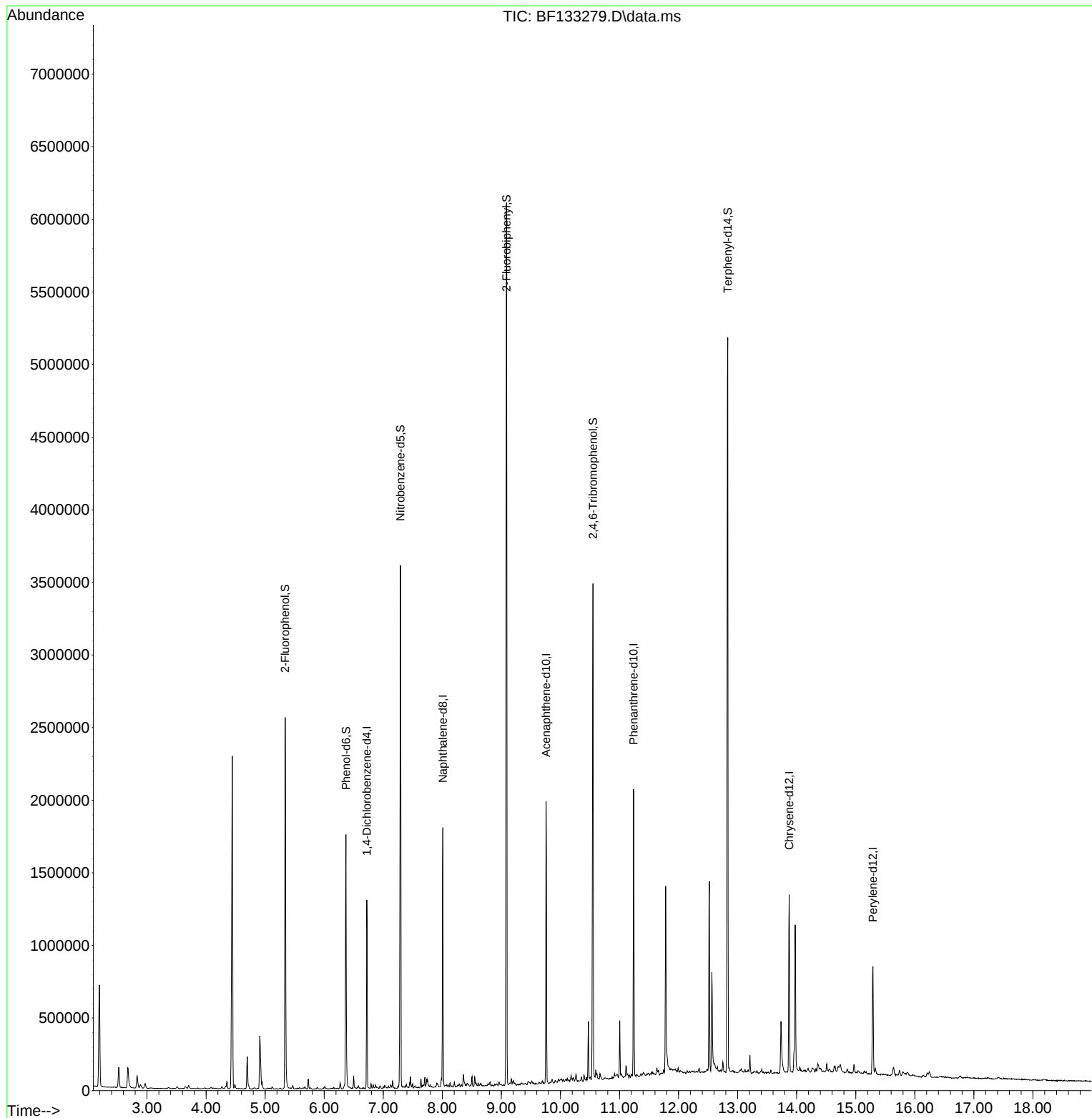
Target Compounds	Qvalue

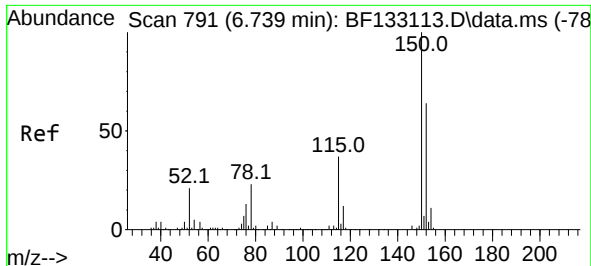
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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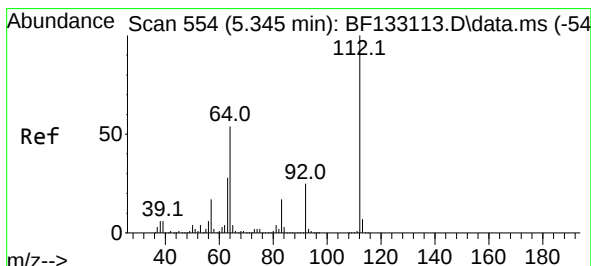
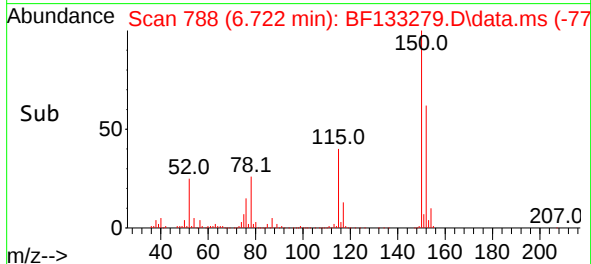
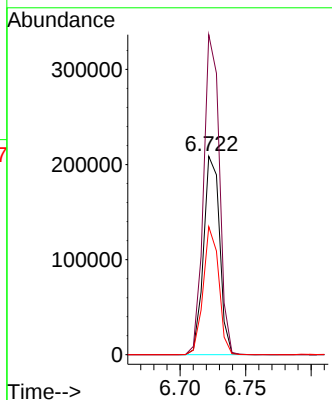
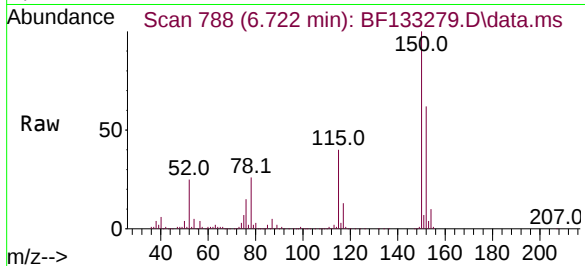




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

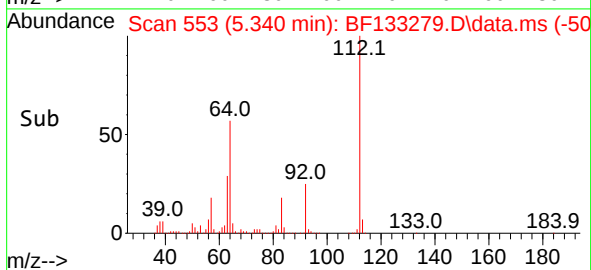
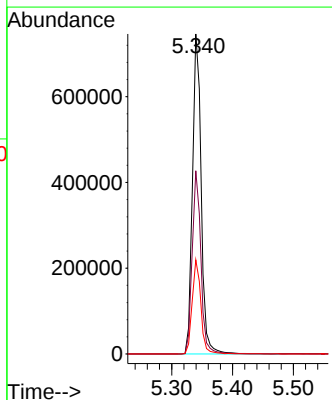
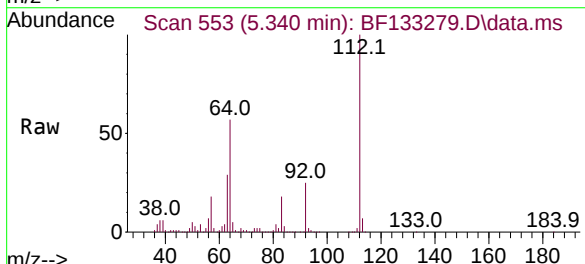
Instrument :
BNA_F
ClientSampleId :
DSN001

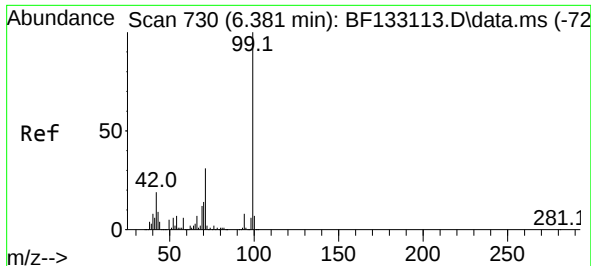
Tgt Ion:152 Resp: 178641
Ion Ratio Lower Upper
152 100
150 161.3 124.8 187.2
115 64.5 49.9 74.9



#5
2-Fluorophenol
Concen: 62.969 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion:112 Resp: 744655
Ion Ratio Lower Upper
112 100
64 57.2 46.8 70.2
63 29.4 23.8 35.8

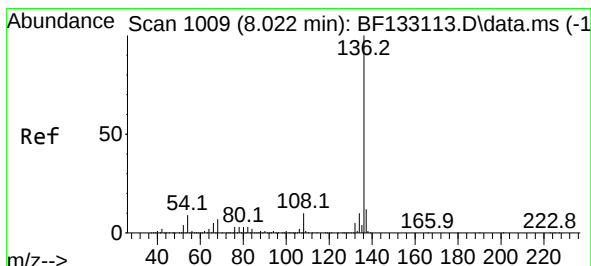
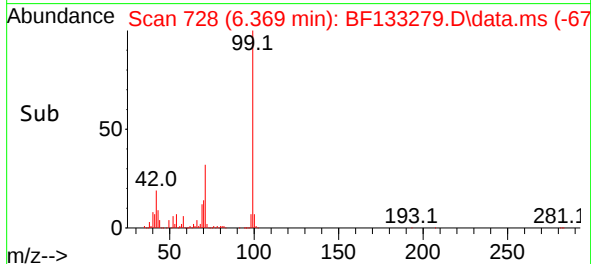
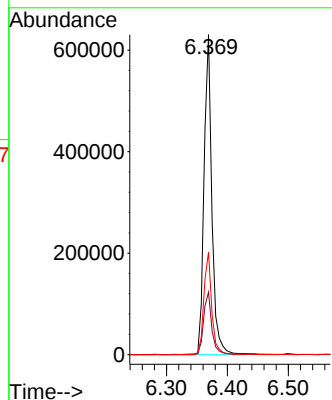
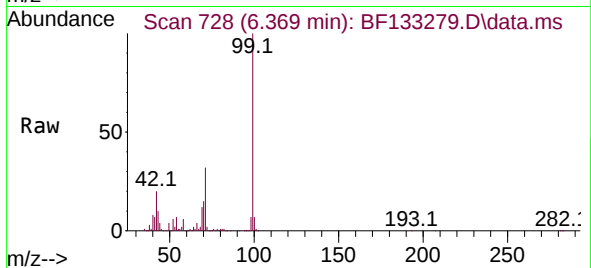




#7
Phenol-d6
Concen: 38.422 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

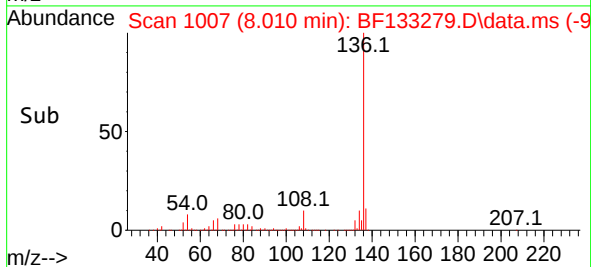
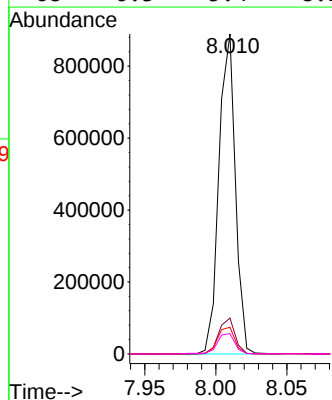
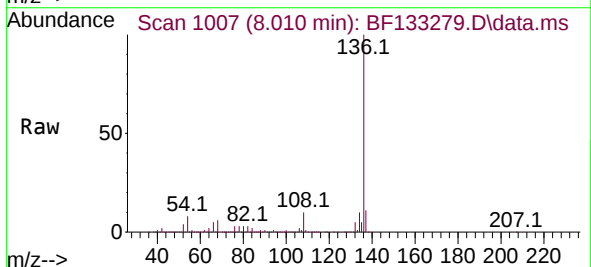
Instrument :
BNA_F
ClientSampleId :
DSN001

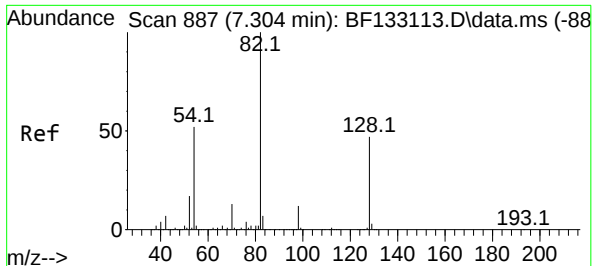
Tgt Ion: 99 Resp: 563973
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 32.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

Tgt Ion: 136 Resp: 716337
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.4 7.0 10.4
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 89.429 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133279.D

Acq: 05 May 2023 23:25

Instrument :

BNA_F

ClientSampleId :

DSN001

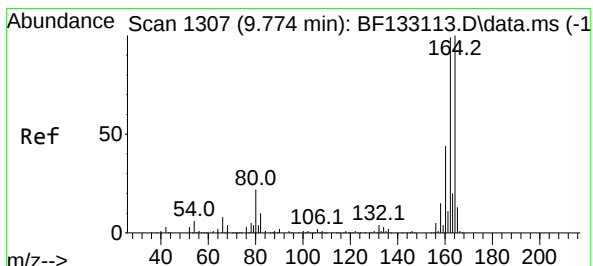
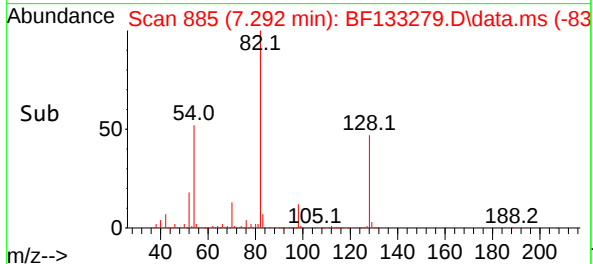
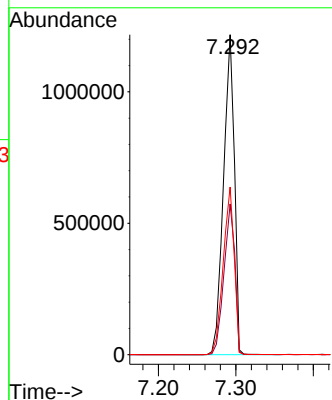
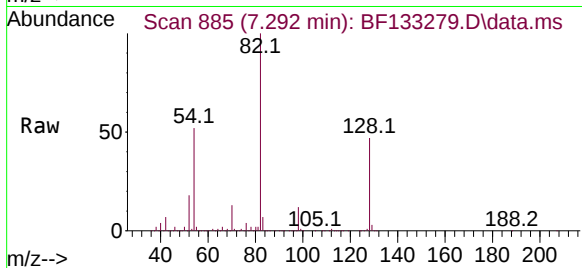
Tgt Ion: 82 Resp: 1186835

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 52.4 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: BF133279.D

Acq: 05 May 2023 23:25

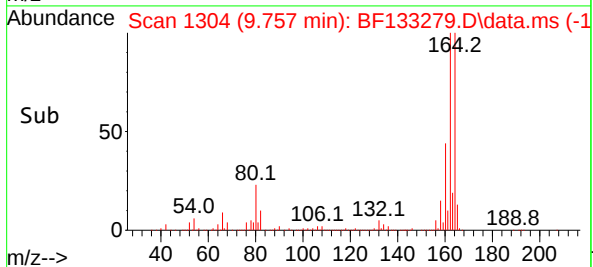
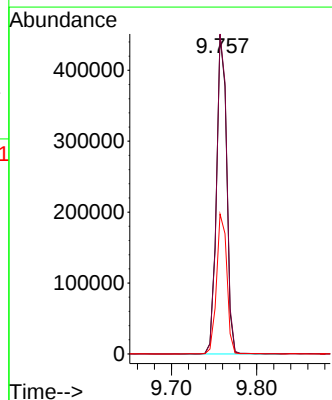
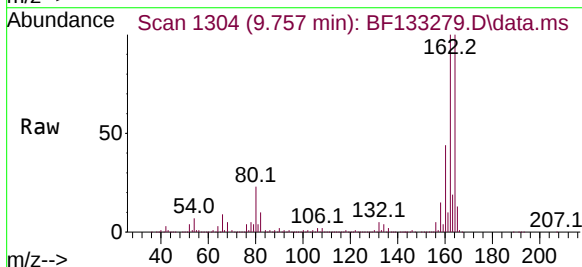
Tgt Ion: 164 Resp: 373585

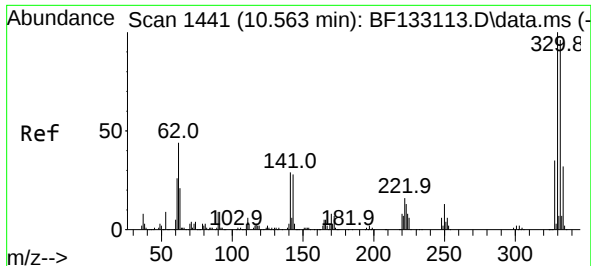
Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 115.635 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133279.D

Acq: 05 May 2023 23:25

Instrument :

BNA_F

ClientSampleId :

DSN001

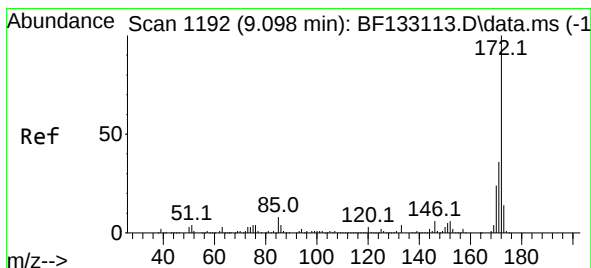
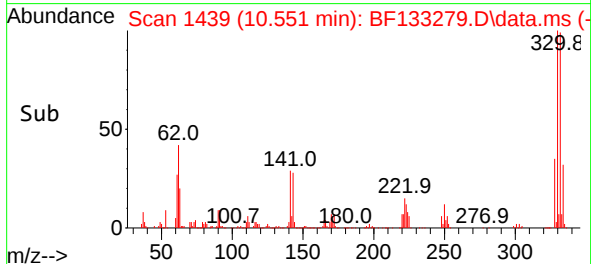
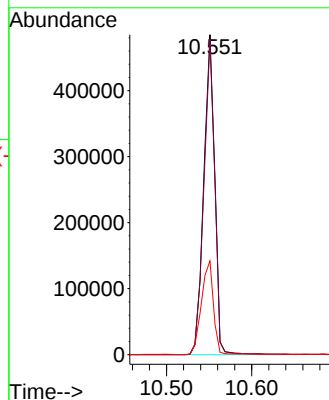
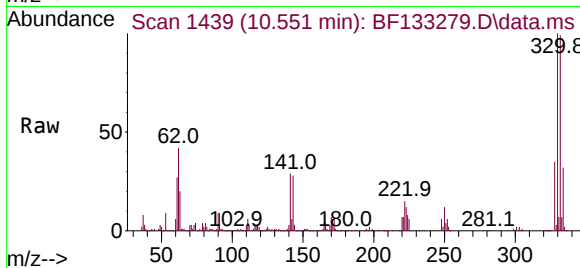
Tgt Ion:330 Resp: 434455

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 32.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.042 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133279.D

Acq: 05 May 2023 23:25

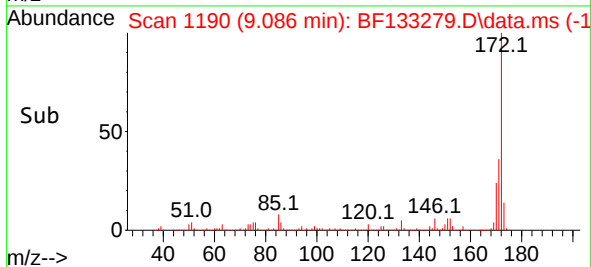
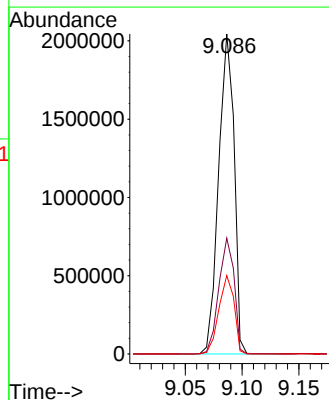
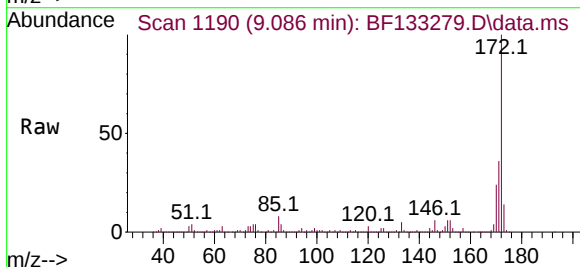
Tgt Ion:172 Resp: 1943662

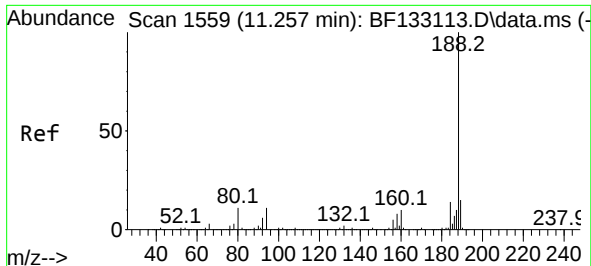
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.5 19.4 29.2

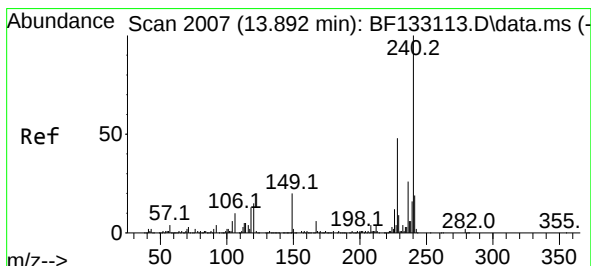
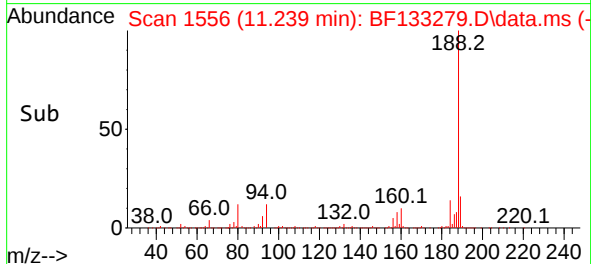
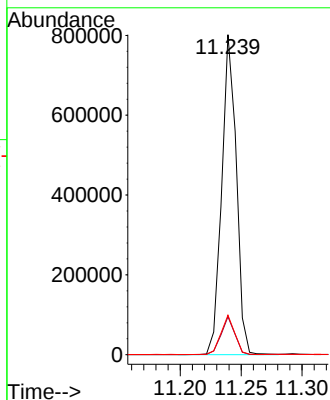
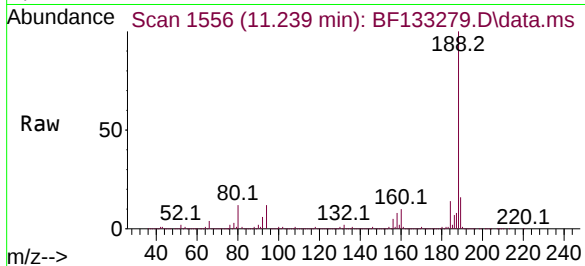




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

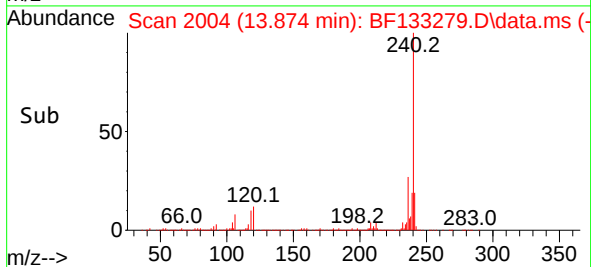
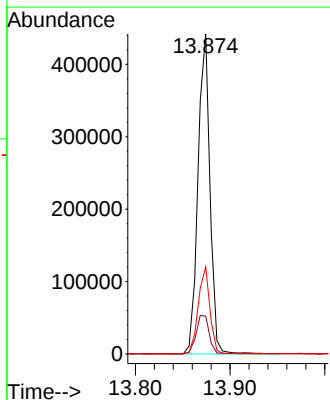
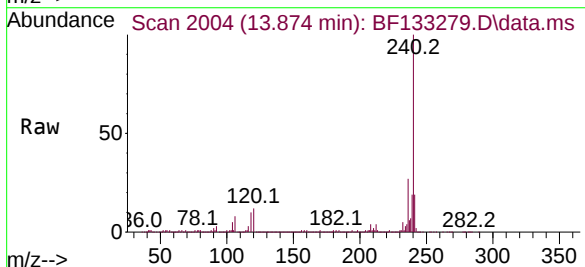
Instrument :
BNA_F
ClientSampleId :
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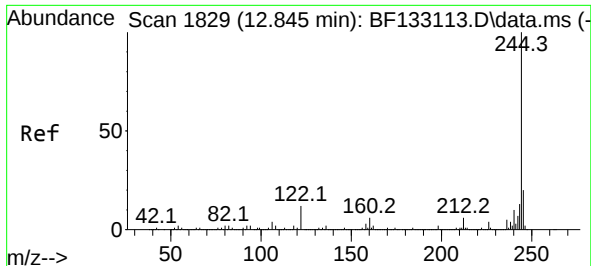
Tgt Ion:188 Resp: 668824
Ion Ratio Lower Upper
188 100
94 11.9 9.7 14.5
80 12.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133279.D
Acq: 05 May 2023 23:25

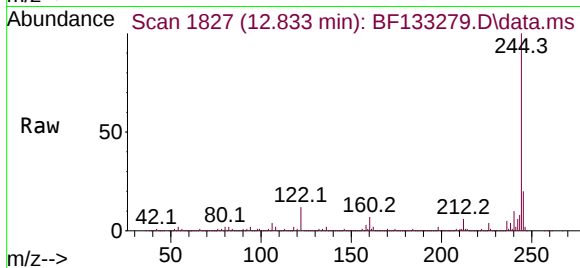
Tgt Ion:240 Resp: 390354
Ion Ratio Lower Upper
240 100
120 11.8 10.5 15.7
236 27.2 21.5 32.3



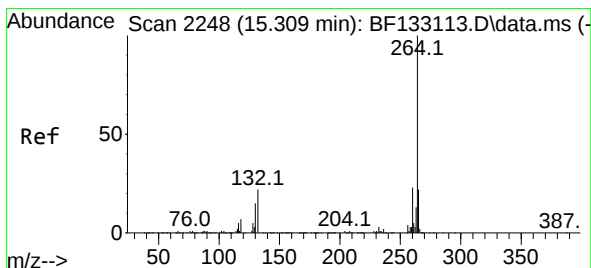
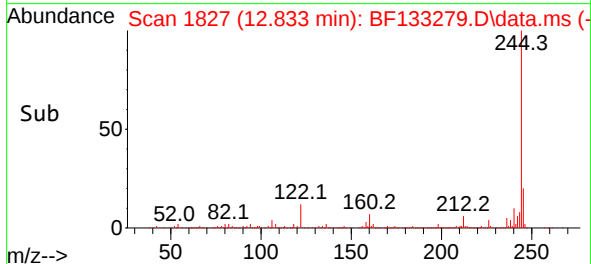
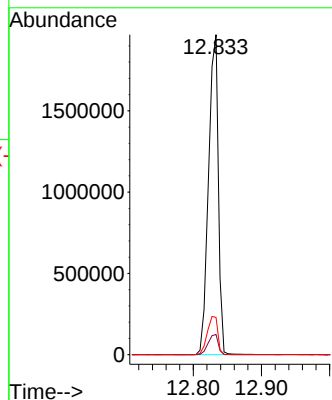


#79
 Terphenyl-d14
 Concen: 86.899 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: BF133279.D
 Acq: 05 May 2023 23:25

Instrument :
 BNA_F
 ClientSampleId :
 DSN001



Tgt Ion:244 Resp: 1966835
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.7 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: BF133279.D
 Acq: 05 May 2023 23:25

Tgt Ion:264 Resp: 321756
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.8 17.0 25.4

