

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133382.D
 Acq On : 15 May 2023 12:55
 Operator : CG\JU
 Sample : PB152781BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BL

Quant Time: May 15 13:25:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	233187	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	961777	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	497138	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	915471	20.000	ng	0.00
76) Chrysene-d12	13.880	240	570791	20.000	ng	0.00
86) Perylene-d12	15.304	264	461611	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1860268	120.510	ng	0.02
7) Phenol-d6	6.369	99	2318031	120.982	ng	0.00
23) Nitrobenzene-d5	7.293	82	1430613	80.289	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	581670	116.342	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2318943	78.038	ng	0.00
79) Terphenyl-d14	12.833	244	2734204	82.615	ng	0.00

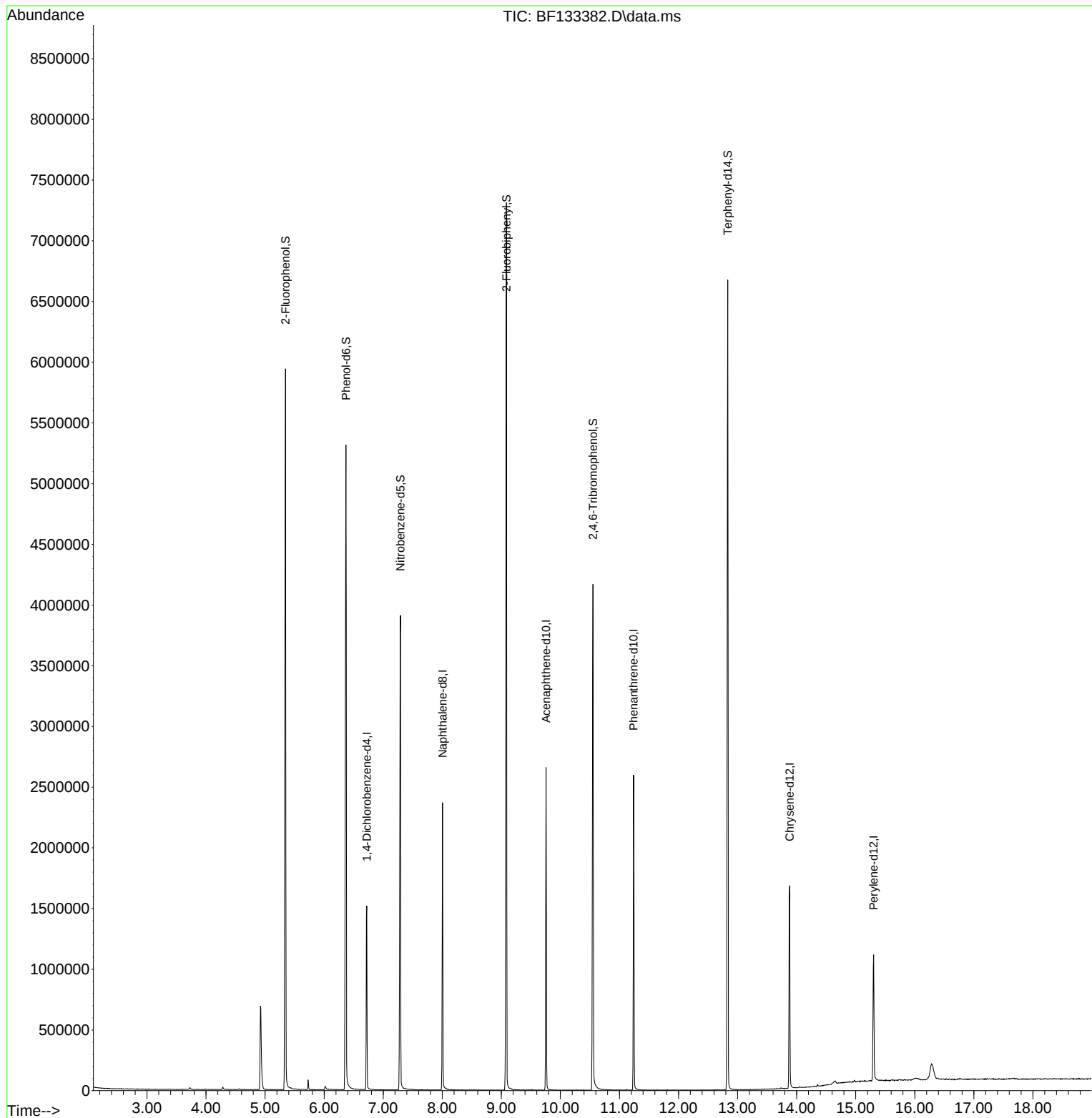
Target Compounds	Qvalue

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

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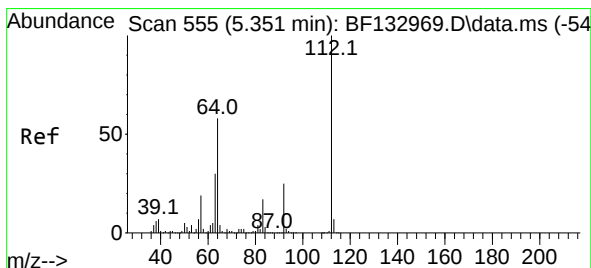
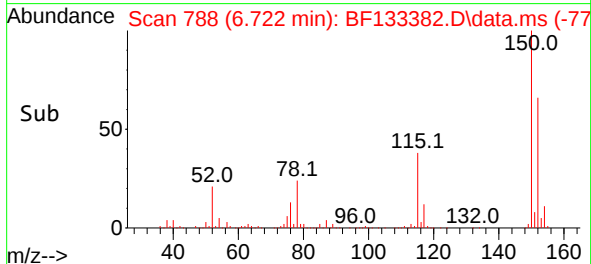
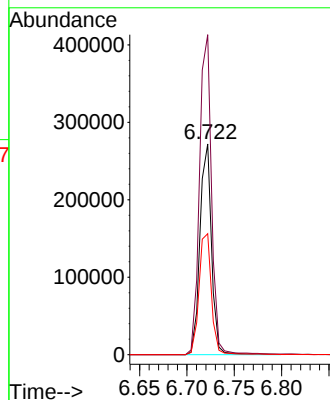
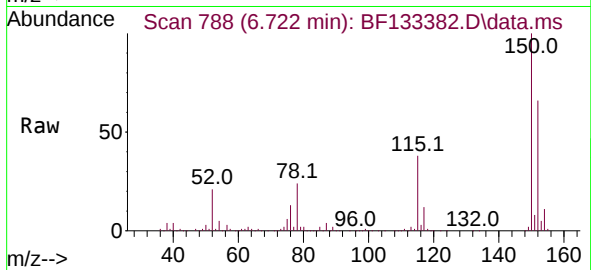




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

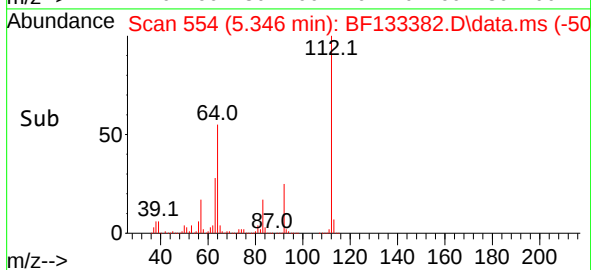
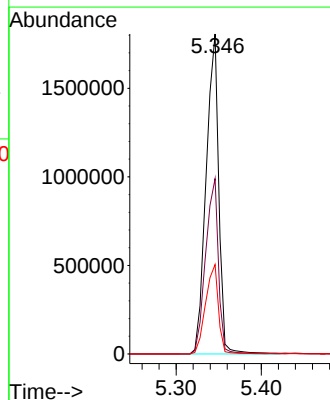
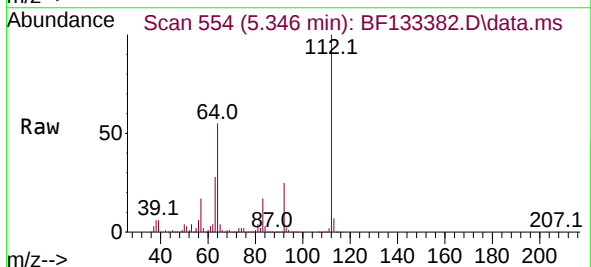
Instrument :
BNA_F
ClientSampleId :
PB152781BL

Tgt Ion:152 Resp: 233187
Ion Ratio Lower Upper
152 100
150 151.8 124.8 187.2
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 120.510 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.018 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion:112 Resp: 1860268
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.0 23.8 35.8

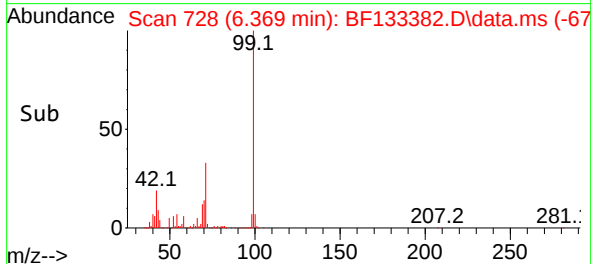
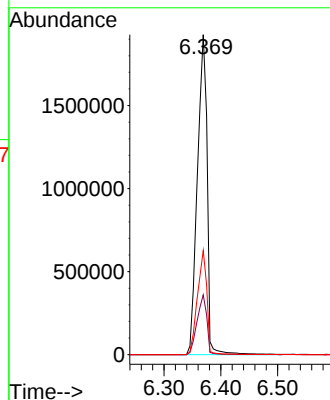
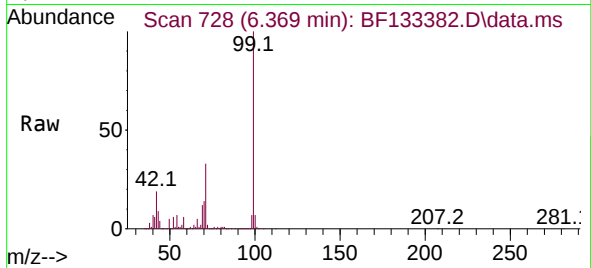




#7
Phenol-d6
Concen: 120.982 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

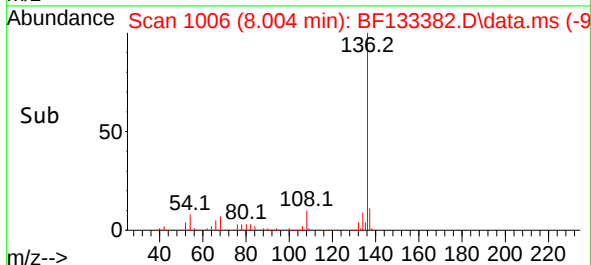
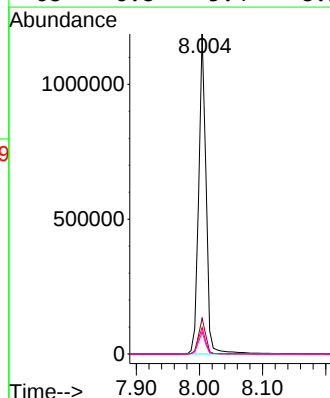
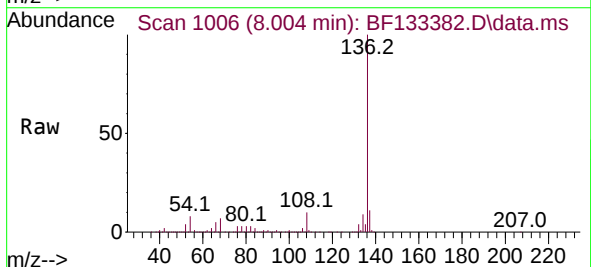
Instrument :
BNA_F
ClientSampleId :
PB152781BL

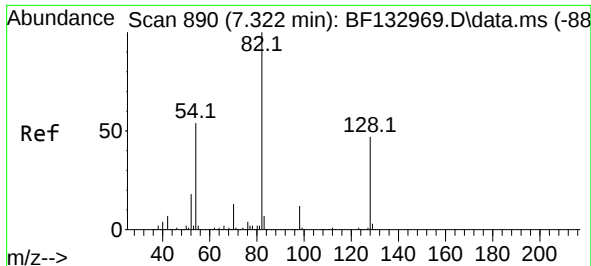
Tgt Ion: 99 Resp: 2318031
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion: 136 Resp: 961777
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 7.0 10.4
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 80.289 ng

RT: 7.293 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF133382.D

Acq: 15 May 2023 12:55

Instrument :

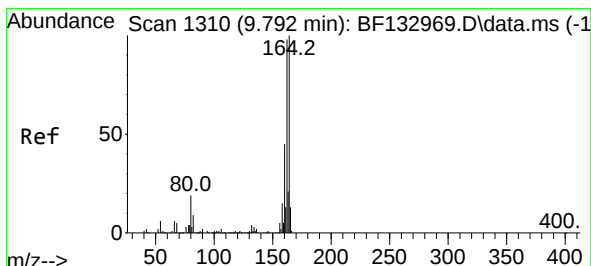
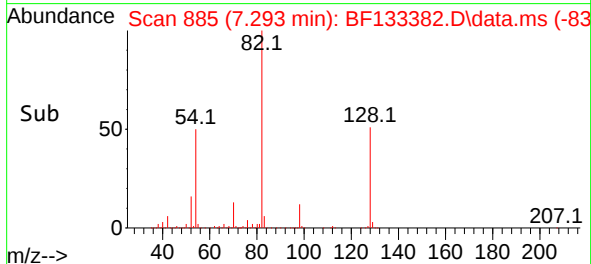
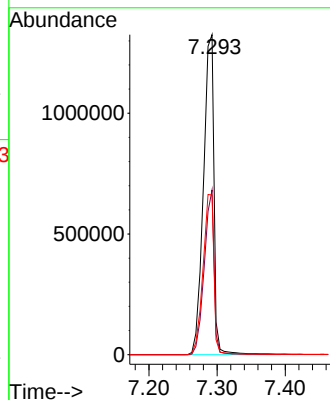
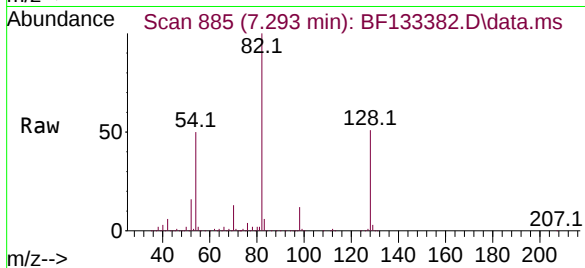
BNA_F

ClientSampleId :

PB152781BL

Tgt Ion: 82 Resp: 1430613

Ion	Ratio	Lower	Upper
82	100		
128	51.4	37.7	56.5
54	49.9	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

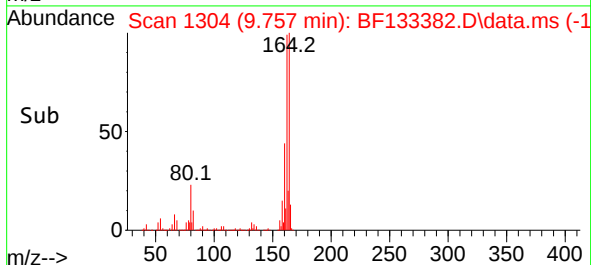
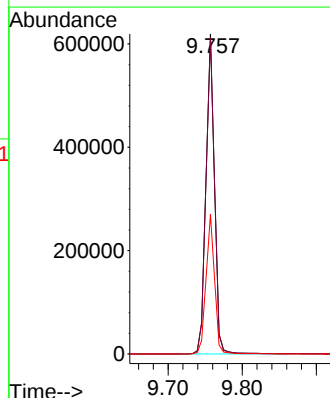
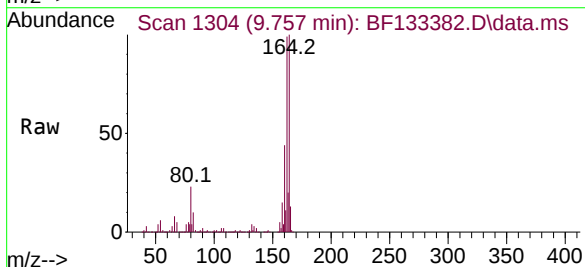
Delta R.T. 0.000 min

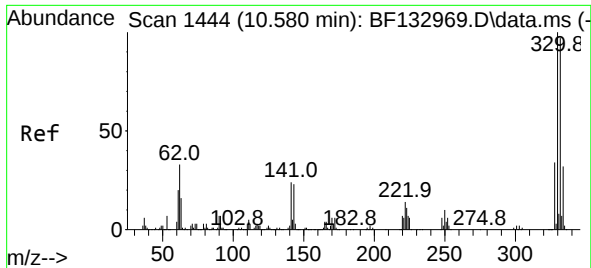
Lab File: BF133382.D

Acq: 15 May 2023 12:55

Tgt Ion:164 Resp: 497138

Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.7	118.1
160	43.6	35.8	53.6

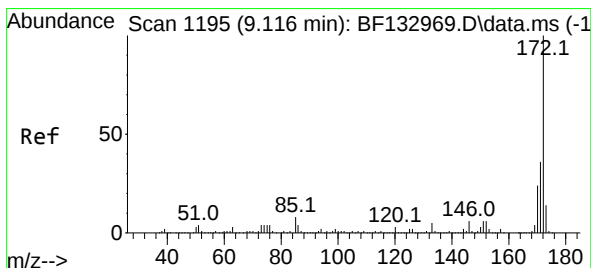
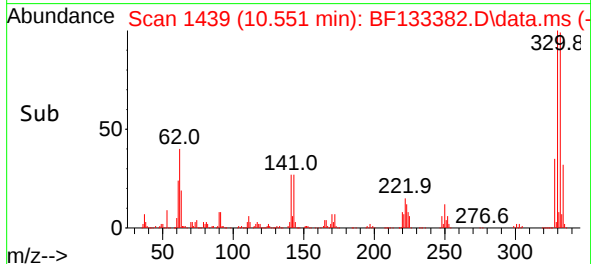
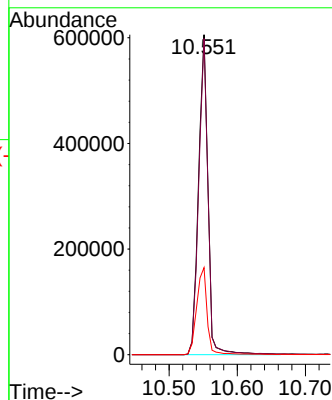
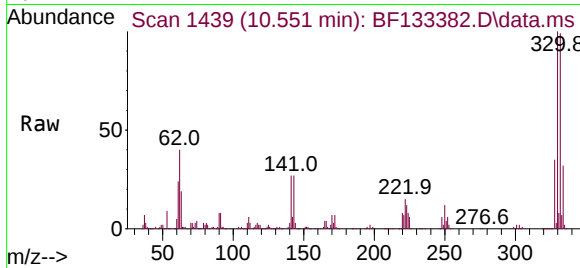




#42
2,4,6-Tribromophenol
Concen: 116.342 ng
RT: 10.551 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

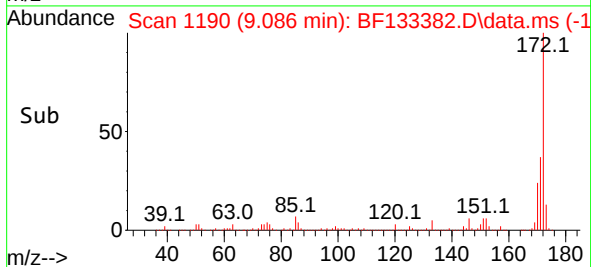
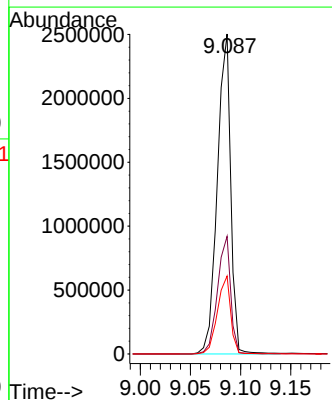
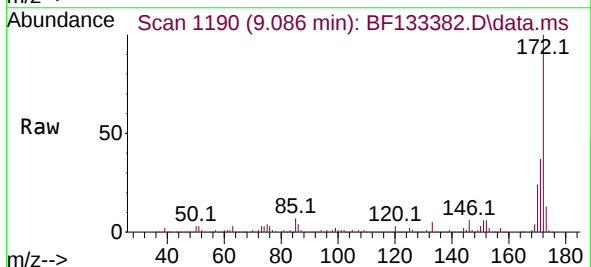
Instrument :
BNA_F
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PB152781BL

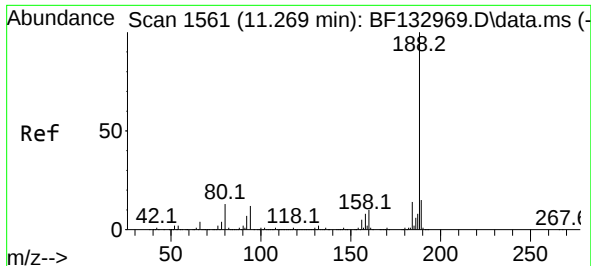
Tgt Ion:330 Resp: 581670
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 78.038 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion:172 Resp: 2318943
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 19.4 29.2

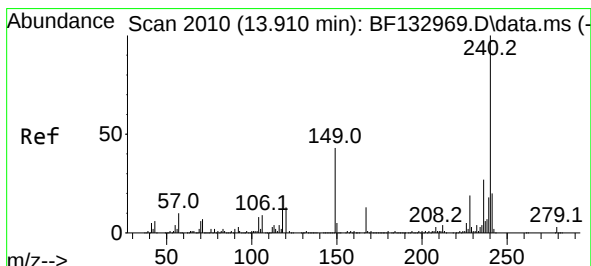
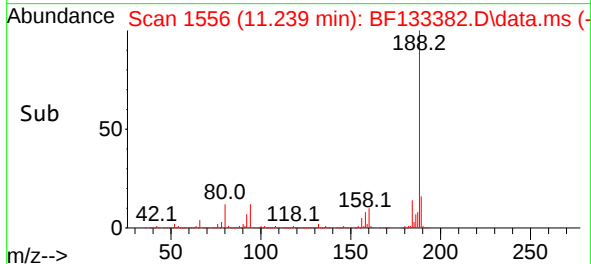
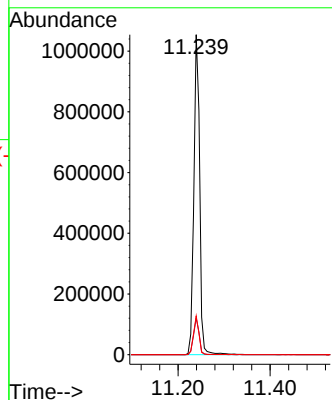
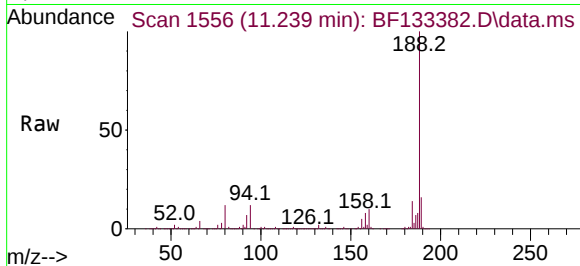




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

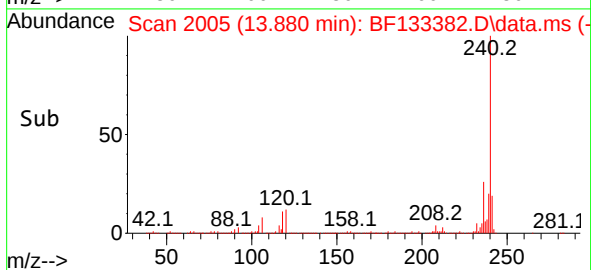
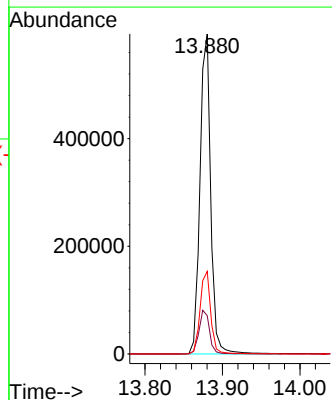
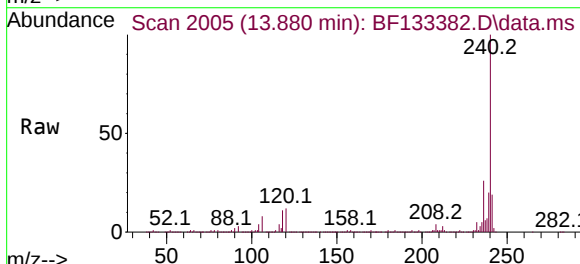
Instrument :
BNA_F
ClientSampleId :
PB152781BL

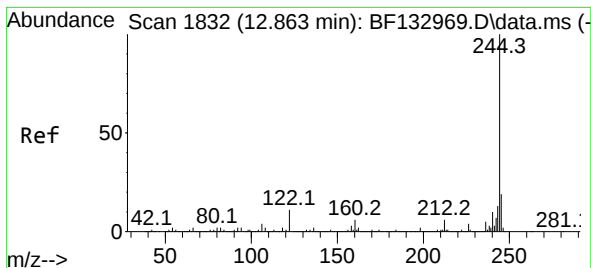
Tgt Ion:188 Resp: 915471
Ion Ratio Lower Upper
188 100
94 11.5 9.7 14.5
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133382.D
Acq: 15 May 2023 12:55

Tgt Ion:240 Resp: 570791
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 25.8 21.5 32.3





#79

Terphenyl-d14

Concen: 82.615 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133382.D

Acq: 15 May 2023 12:55

Instrument :

BNA_F

ClientSampleId :

PB152781BL

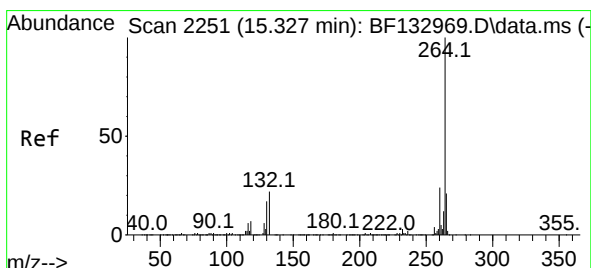
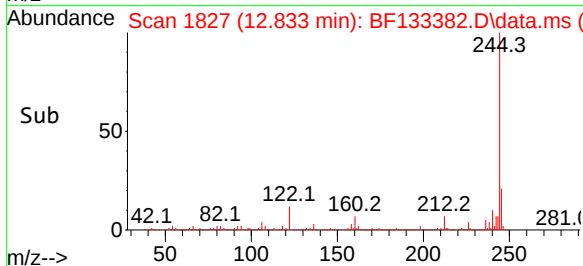
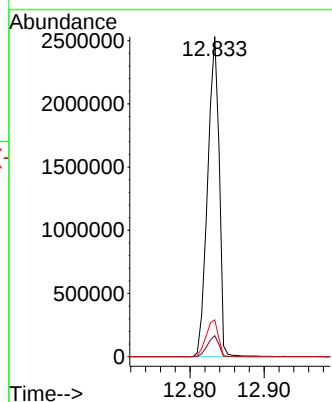
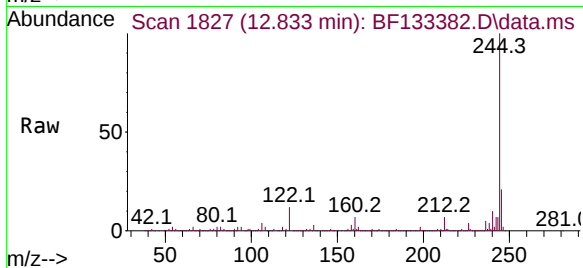
Tgt Ion:244 Resp: 2734204

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.5 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: BF133382.D

Acq: 15 May 2023 12:55

Tgt Ion:264 Resp: 461611

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 20.5 17.0 25.4

