

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111722\
 Data File : BF131287.D
 Acq On : 17 Nov 2022 16:16
 Operator : CG\JU
 Sample : PB148901BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BL

Quant Time: Nov 18 05:03:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 01:41:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	83511	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	315416	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	184520	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	356046	20.000	ng	0.00
76) Chrysene-d12	14.174	240	233949	20.000	ng	0.00
86) Perylene-d12	15.715	264	164433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	639079	140.069	ng	0.01
7) Phenol-d6	6.587	99	807558	139.616	ng	0.00
23) Nitrobenzene-d5	7.534	82	537055	90.953	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	241964	147.306	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1061722	82.181	ng	0.00
79) Terphenyl-d14	13.121	244	1310130	83.708	ng	0.00

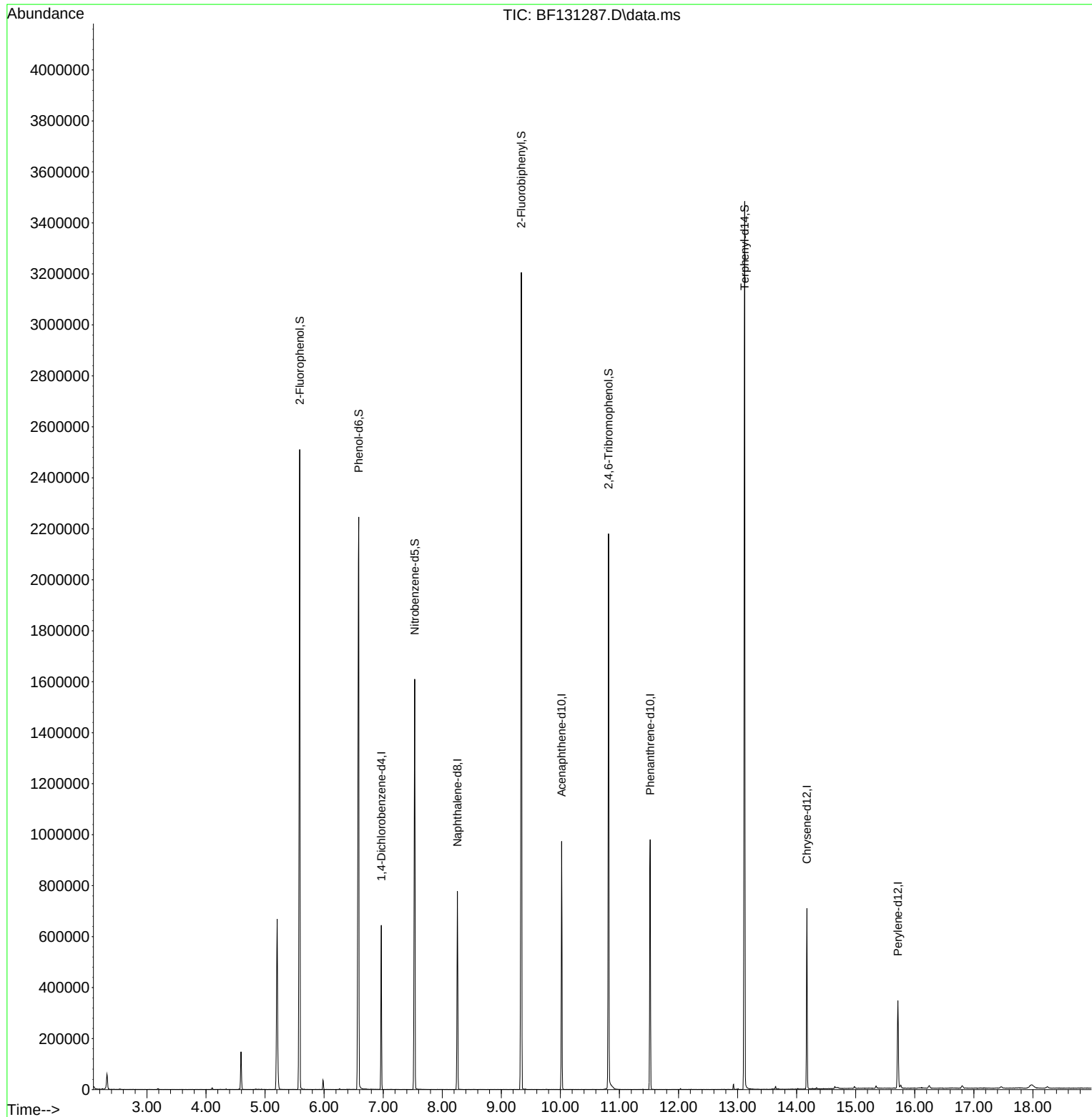
Target Compounds	Qvalue

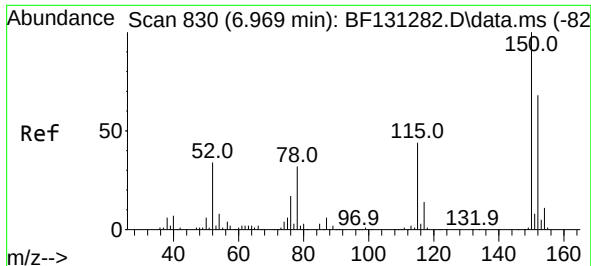
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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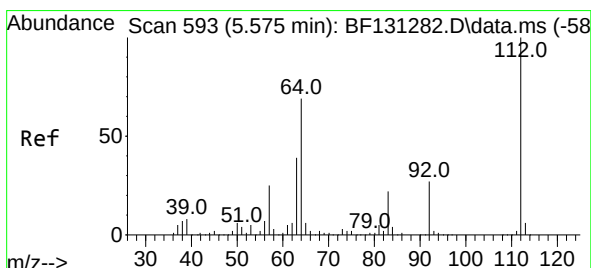
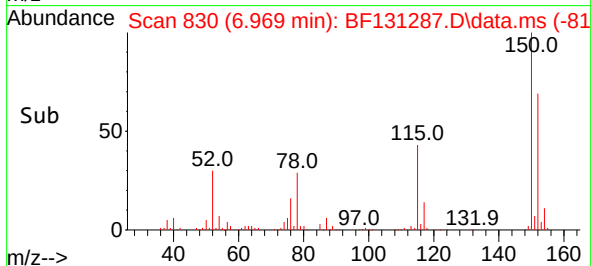
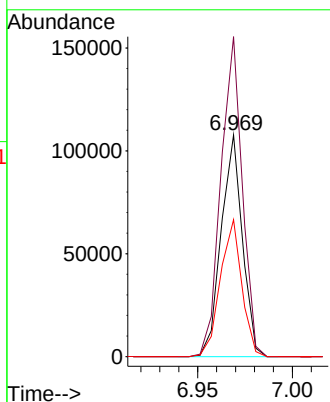
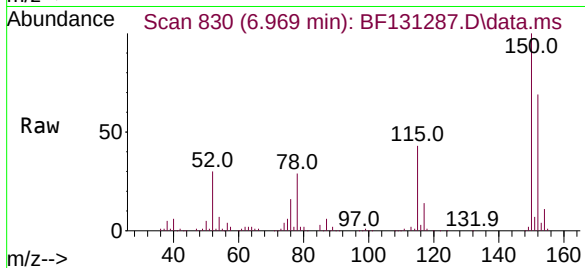




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

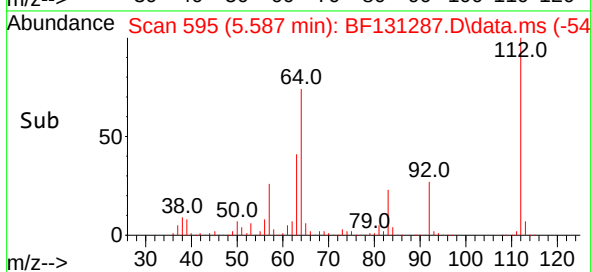
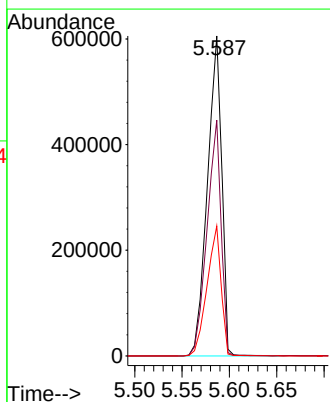
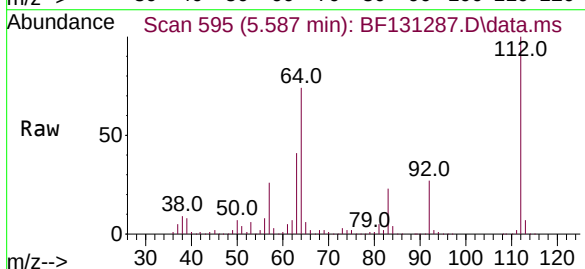
Instrument :
BNA_F
ClientSampleId :
PB148901BL

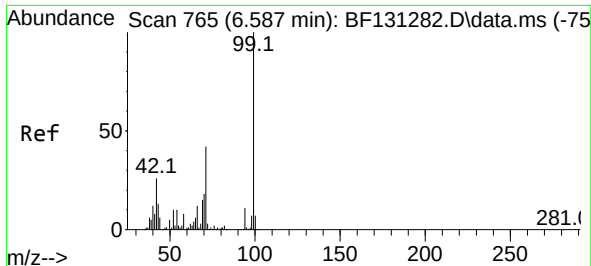
Tgt Ion:152 Resp: 83511
Ion Ratio Lower Upper
152 100
150 144.4 117.8 176.6
115 61.7 52.2 78.4



#5
2-Fluorophenol
Concen: 140.069 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.012 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:112 Resp: 639079
Ion Ratio Lower Upper
112 100
64 73.7 55.5 83.3
63 40.6 31.0 46.6

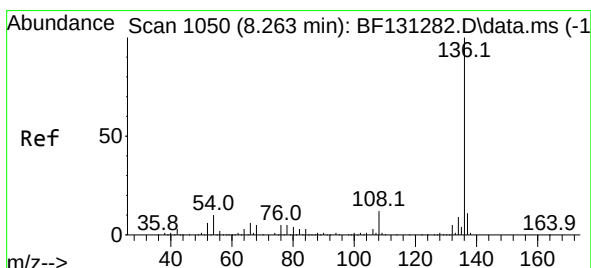
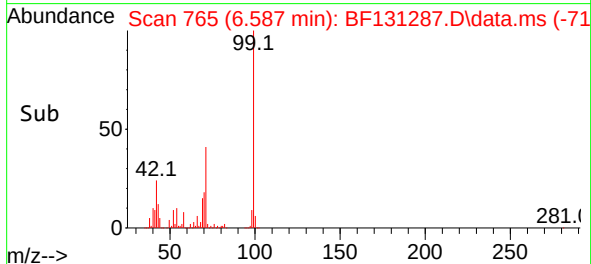
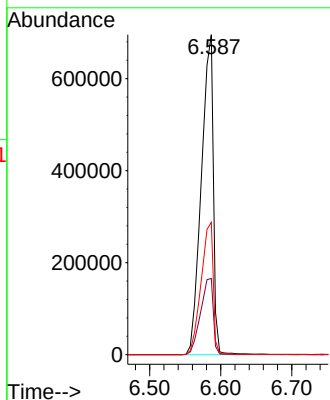
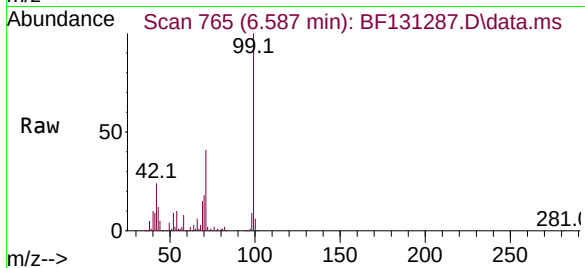




#7
Phenol-d6
Concen: 139.616 ng
RT: 6.587 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

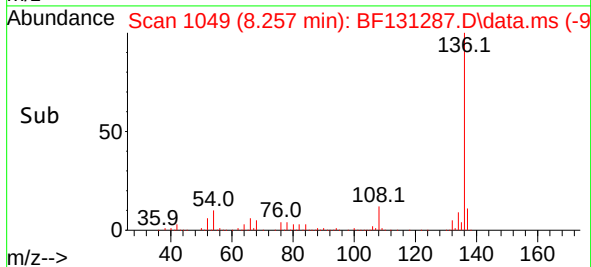
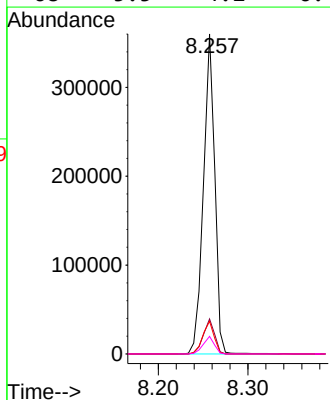
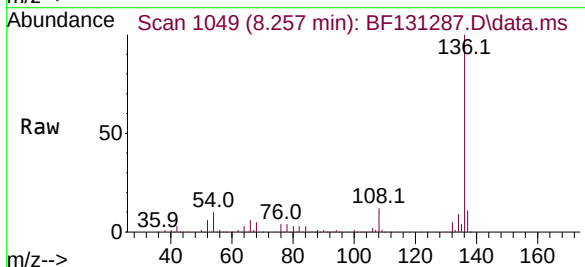
Instrument :
BNA_F
ClientSampleId :
PB148901BL

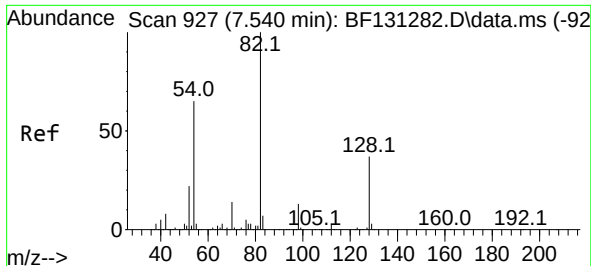
Tgt Ion: 99 Resp: 807558
Ion Ratio Lower Upper
99 100
42 23.8 21.2 31.8
71 41.3 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion: 136 Resp: 315416
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.2 8.2 12.2
68 5.5 4.2 6.4

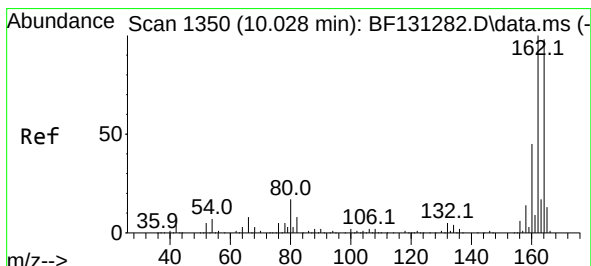
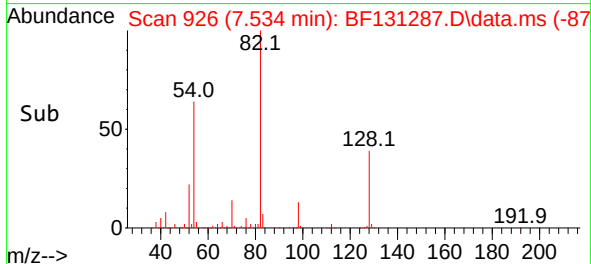
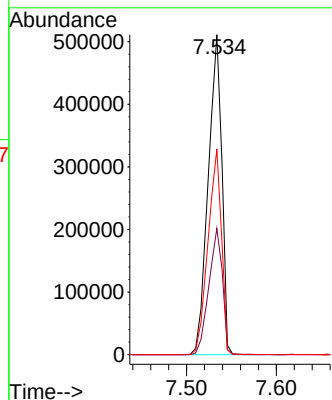
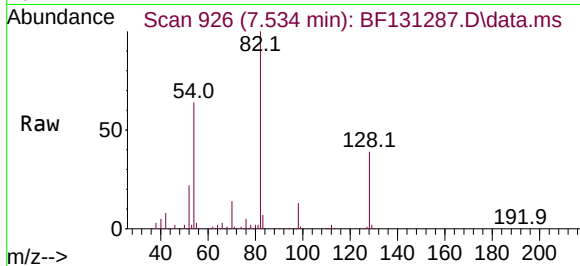




#23
Nitrobenzene-d5
Concen: 90.953 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

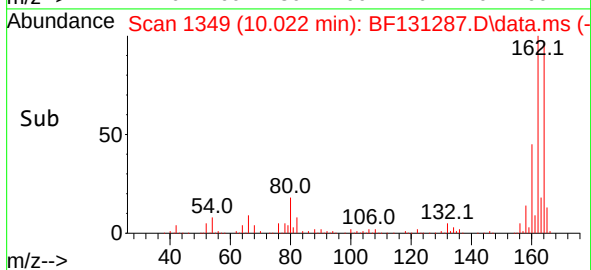
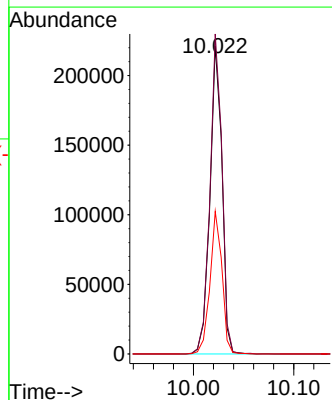
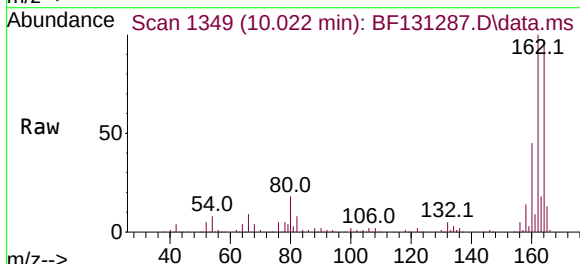
Instrument :
BNA_F
ClientSampleId :
PB148901BL

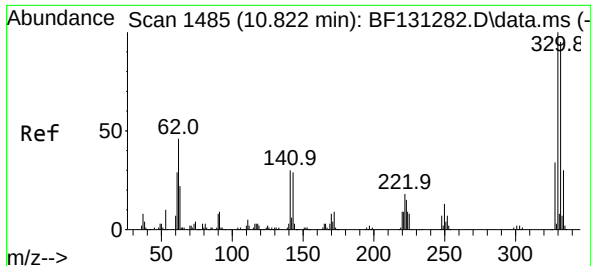
Tgt Ion: 82 Resp: 537055
Ion Ratio Lower Upper
82 100
128 39.4 29.2 43.8
54 64.2 52.2 78.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF131287.D
Acq: 17 Nov 2022 16:16

Tgt Ion:164 Resp: 184520
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 46.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 147.306 ng

RT: 10.816 min Scan# 1484

Delta R.T. -0.006 min

Lab File: BF131287.D

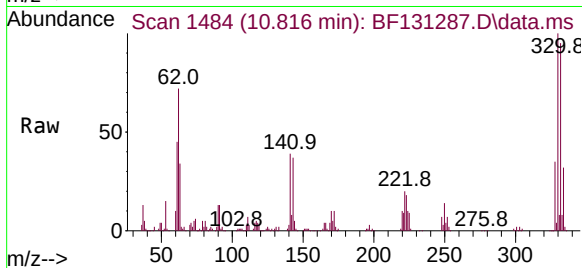
Acq: 17 Nov 2022 16:16

Instrument :

BNA_F

ClientSampleId :

PB148901BL



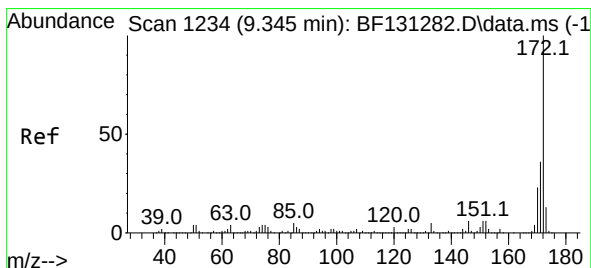
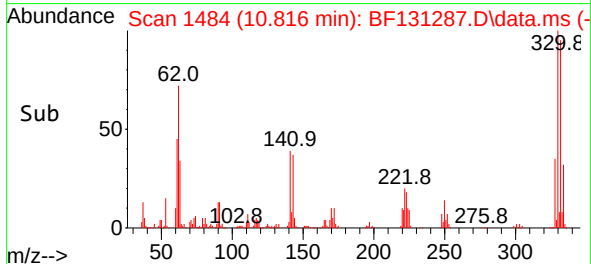
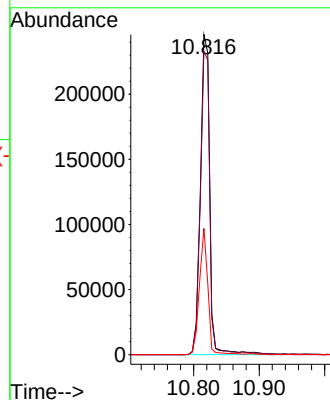
Tgt Ion:330 Resp: 241964

Ion Ratio Lower Upper

330 100

332 95.7 75.4 113.0

141 35.7 30.0 45.0



#45

2-Fluorobiphenyl

Concen: 82.181 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF131287.D

Acq: 17 Nov 2022 16:16

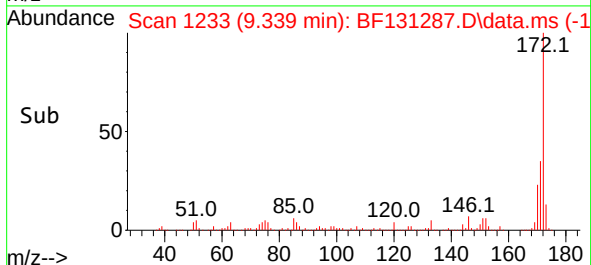
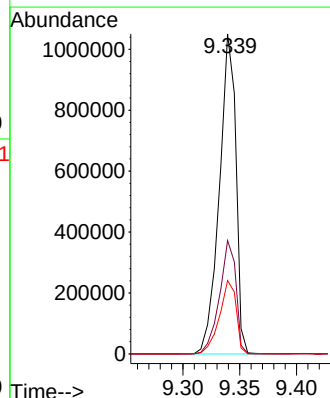
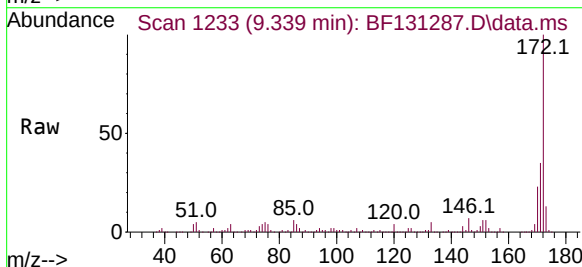
Tgt Ion:172 Resp: 1061722

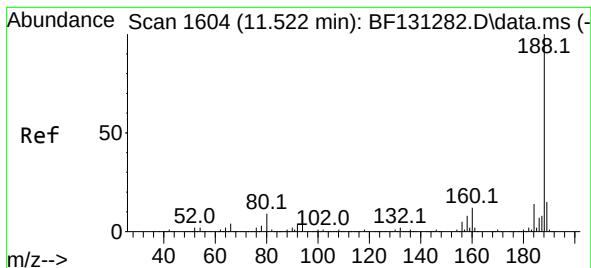
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 22.9 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF131287.D

Acq: 17 Nov 2022 16:16

Instrument :

BNA_F

ClientSampleId :

PB148901BL

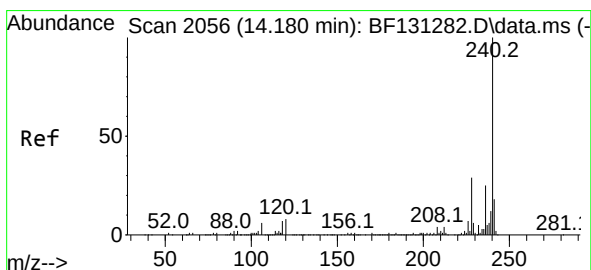
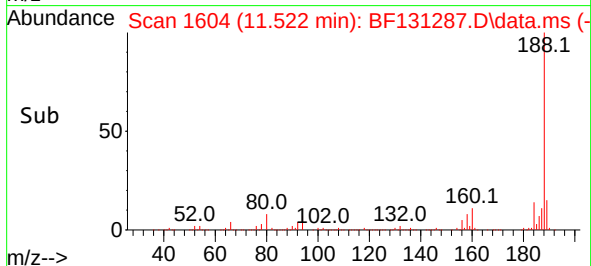
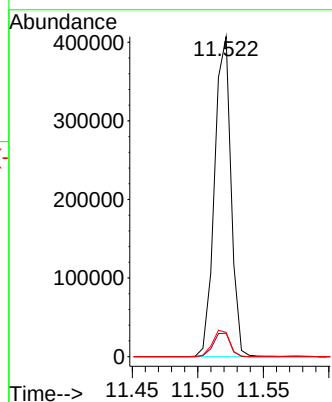
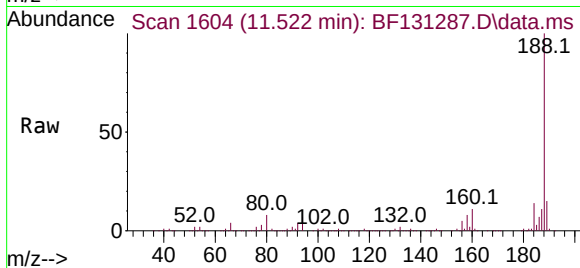
Tgt Ion:188 Resp: 356046

Ion Ratio Lower Upper

188 100

94 7.3 6.5 9.7

80 7.6 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BF131287.D

Acq: 17 Nov 2022 16:16

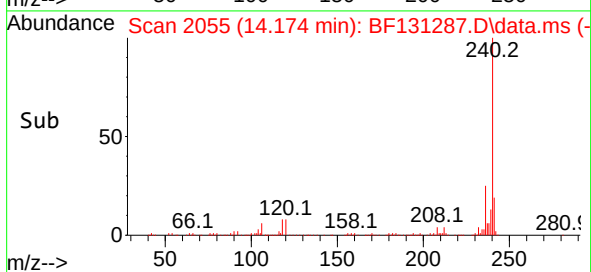
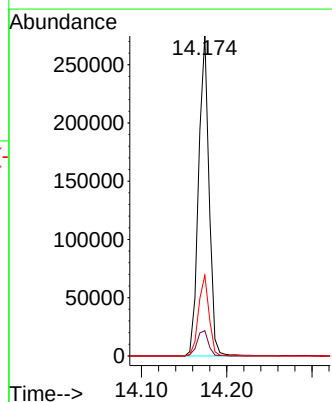
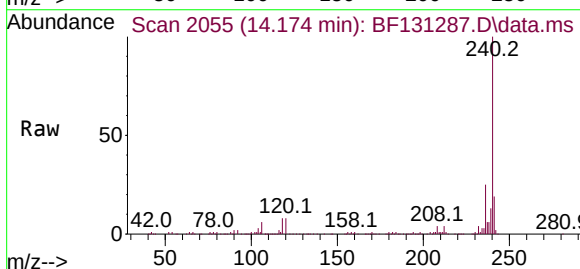
Tgt Ion:240 Resp: 233949

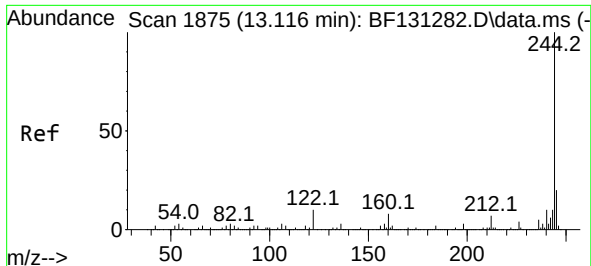
Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

236 25.2 19.8 29.6

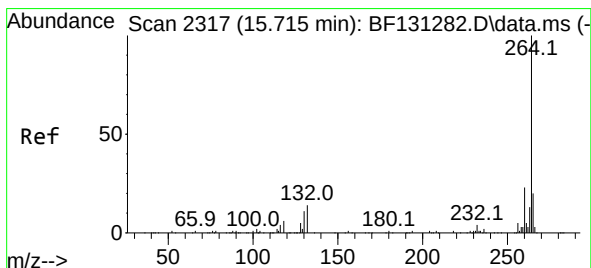
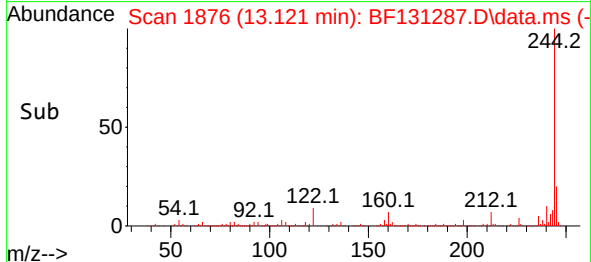
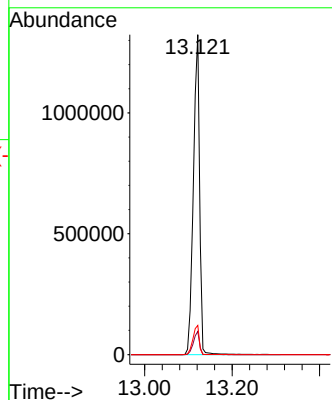
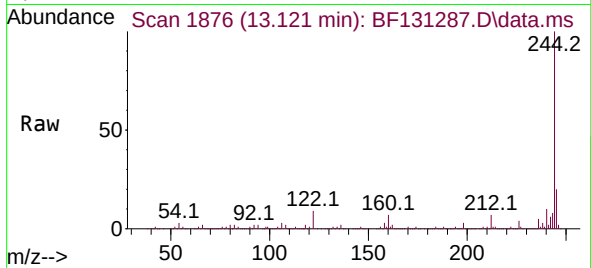




#79
 Terphenyl-d14
 Concen: 83.708 ng
 RT: 13.121 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: BF131287.D
 Acq: 17 Nov 2022 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BL

Tgt Ion:244 Resp: 1310130
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.1 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.715 min Scan# 2317
 Delta R.T. -0.000 min
 Lab File: BF131287.D
 Acq: 17 Nov 2022 16:16

Tgt Ion:264 Resp: 164433
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.8 16.2 24.4

