

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131633.D
 Acq On : 14 Dec 2022 16:20
 Operator : CG\JU
 Sample : PB149640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149640BL

Quant Time: Dec 15 01:55:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75094	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	277808	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	162951	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	322818	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	183477	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	145875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	674196	149.779	ng	0.01
7) Phenol-d6	6.522	99	859187	145.660	ng	0.00
23) Nitrobenzene-d5	7.451	82	596554	81.185	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	256443	141.647	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1071318	82.896	ng	0.00
79) Terphenyl-d14	13.027	244	1227188	91.726	ng	0.00

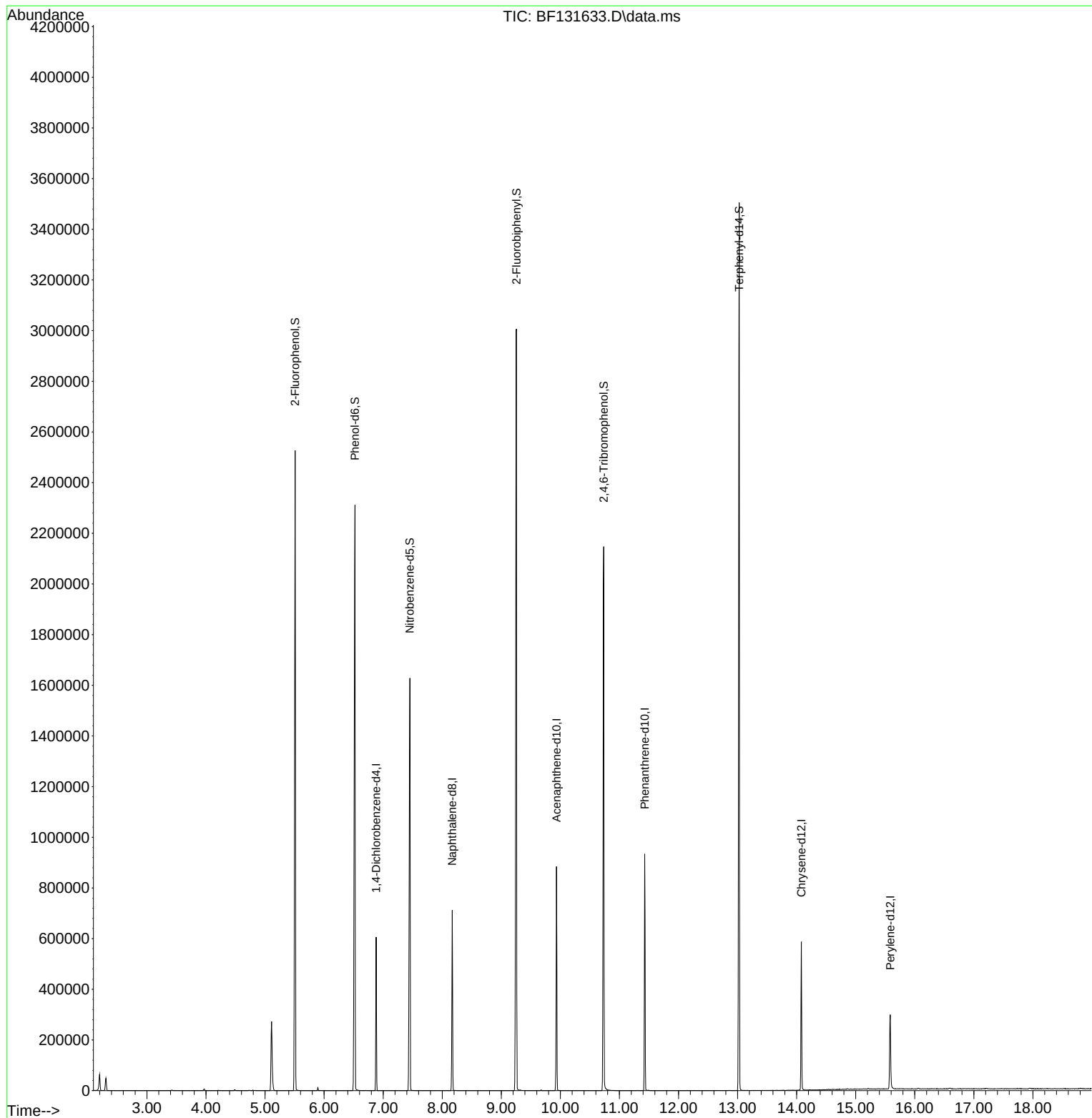
Target Compounds	Qvalue

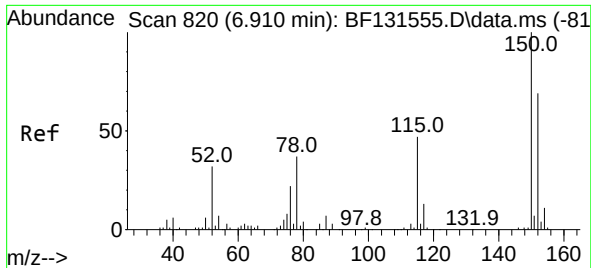
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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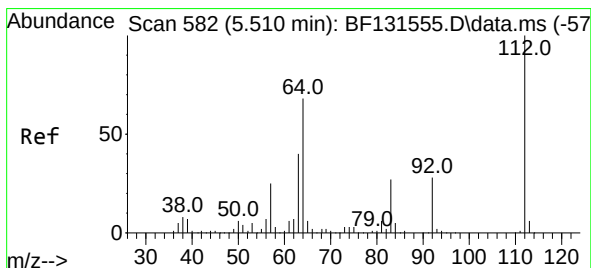
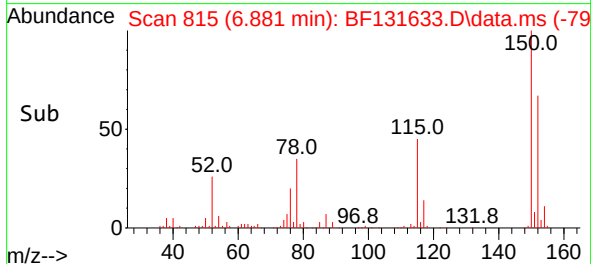
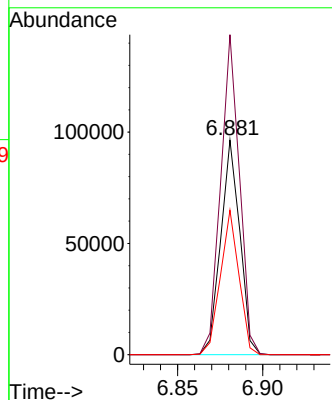
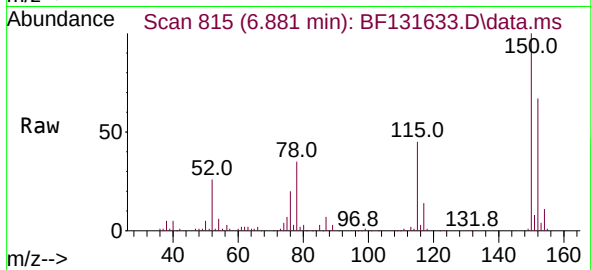




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

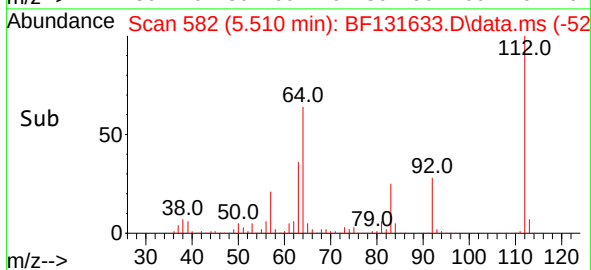
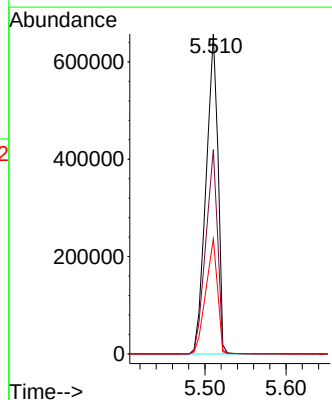
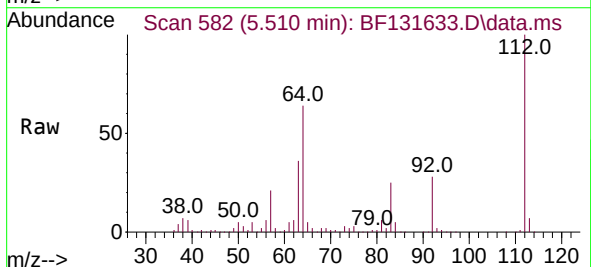
Instrument :
BNA_F
ClientSampleId :
PB149640BL

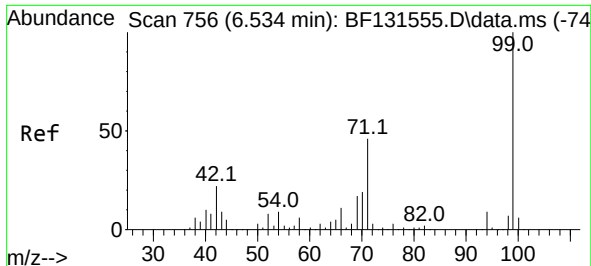
Tgt Ion:152 Resp: 75094
Ion Ratio Lower Upper
152 100
150 149.1 116.7 175.1
115 67.3 54.6 82.0



#5
2-Fluorophenol
Concen: 149.779 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion:112 Resp: 674196
Ion Ratio Lower Upper
112 100
64 63.8 54.5 81.7
63 35.9 31.9 47.9

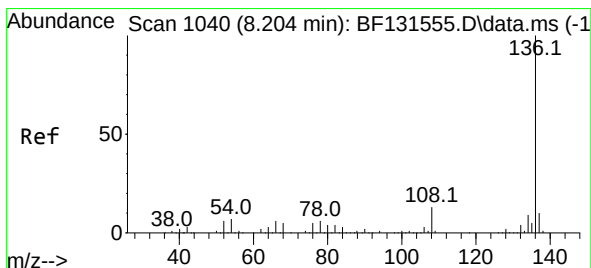
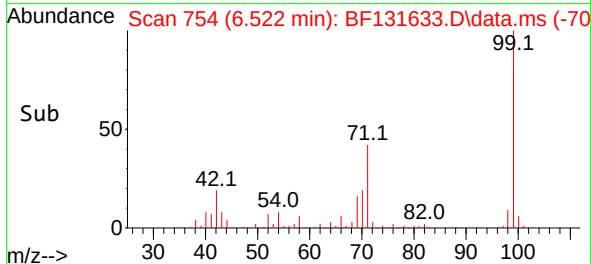
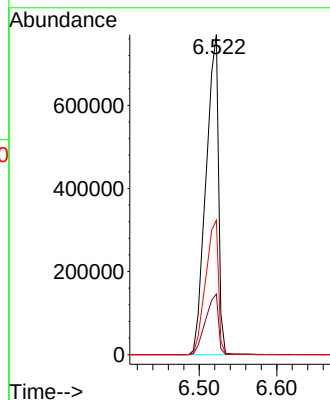
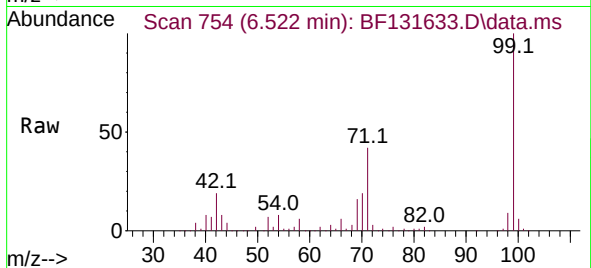




#7
Phenol-d6
Concen: 145.660 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

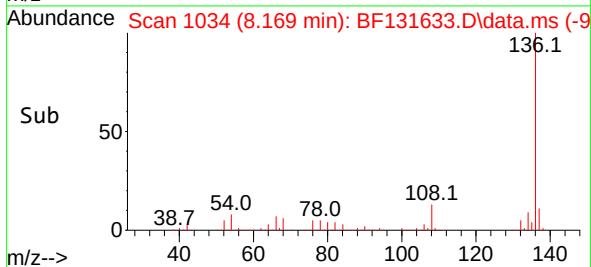
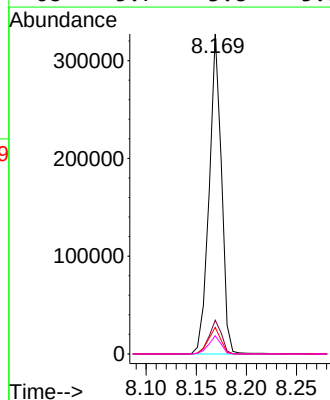
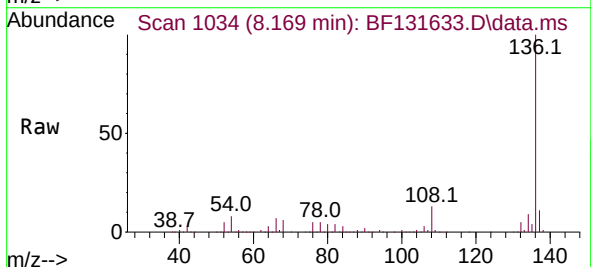
Instrument :
BNA_F
ClientSampleId :
PB149640BL

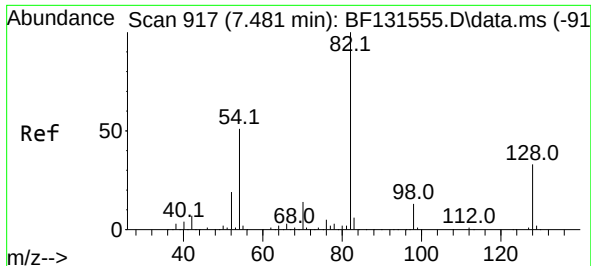
Tgt Ion: 99 Resp: 859187
Ion Ratio Lower Upper
99 100
42 18.9 17.9 26.9
71 42.0 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion: 136 Resp: 277808
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 8.3 6.0 9.0
68 5.7 3.8 5.8

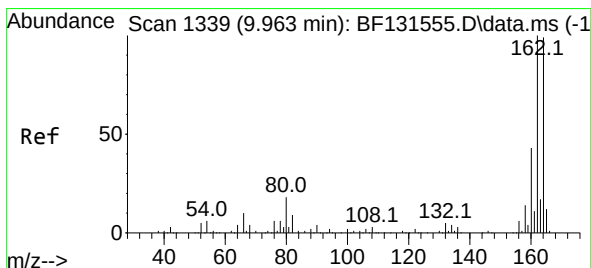
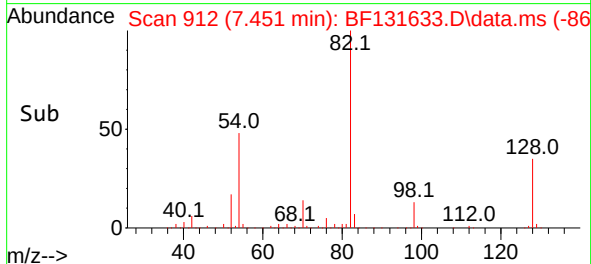
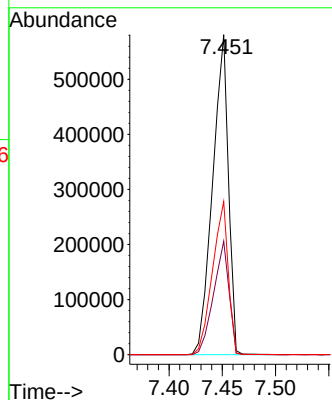
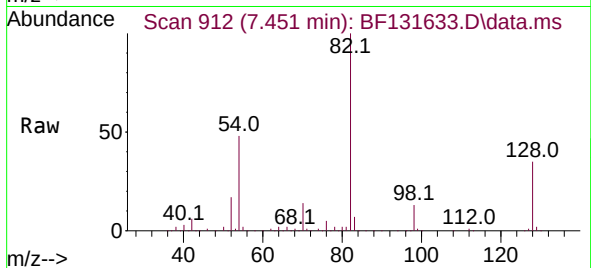




#23
Nitrobenzene-d5
Concen: 81.185 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

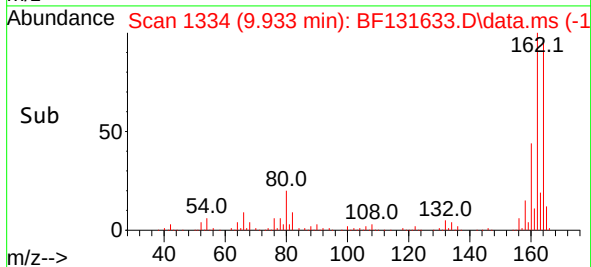
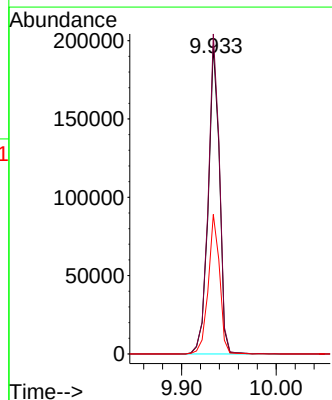
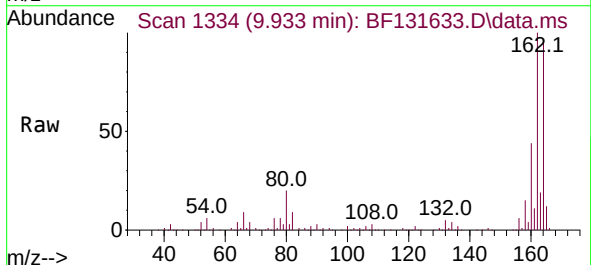
Instrument :
BNA_F
ClientSampleId :
PB149640BL

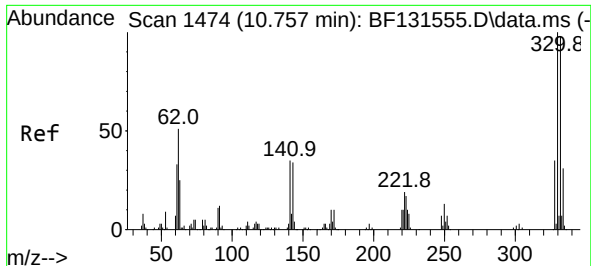
Tgt Ion: 82 Resp: 596554
Ion Ratio Lower Upper
82 100
128 35.4 26.1 39.1
54 47.8 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion:164 Resp: 162951
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.6
160 45.2 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 141.647 ng

RT: 10.733 min Scan# 1474

Delta R.T. 0.000 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

Instrument :

BNA_F

ClientSampleId :

PB149640BL

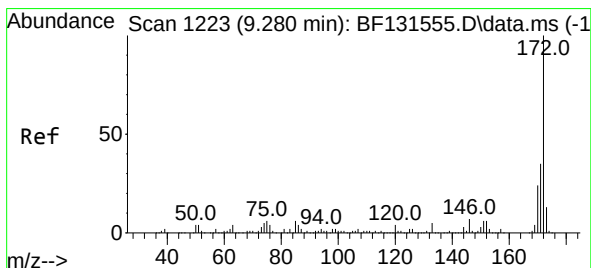
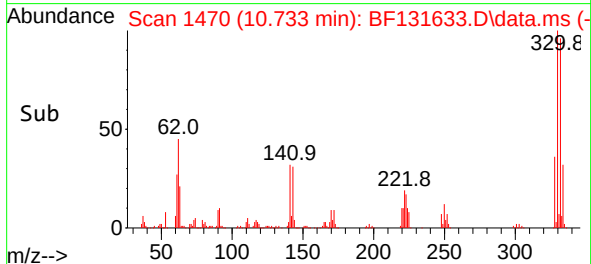
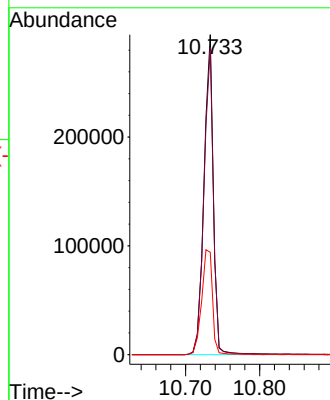
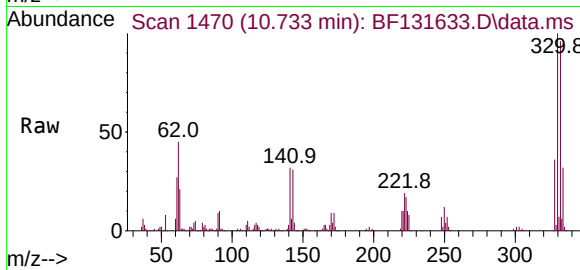
Tgt Ion:330 Resp: 256443

Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

141 38.1 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 82.896 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131633.D

Acq: 14 Dec 2022 16:20

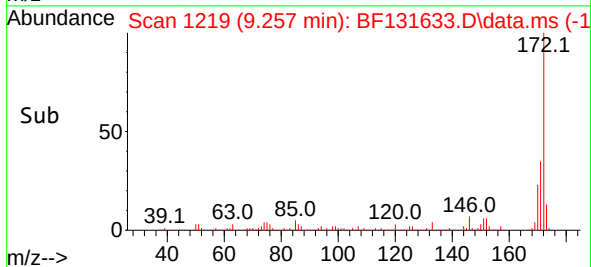
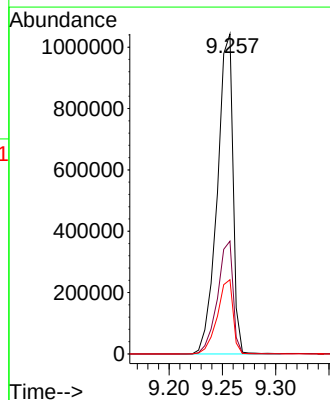
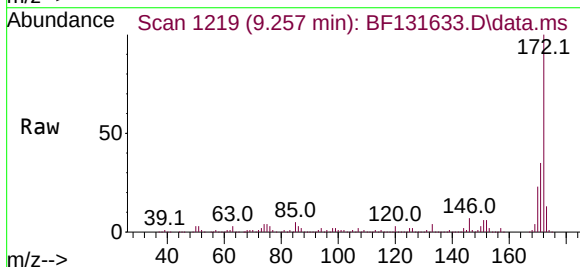
Tgt Ion:172 Resp: 1071318

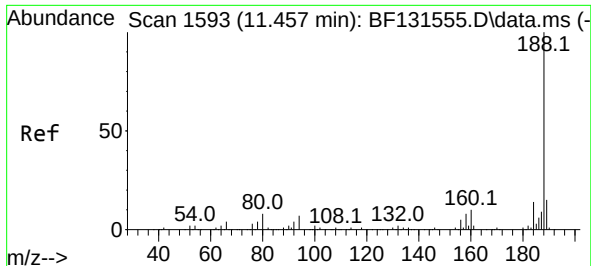
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.2 19.3 28.9

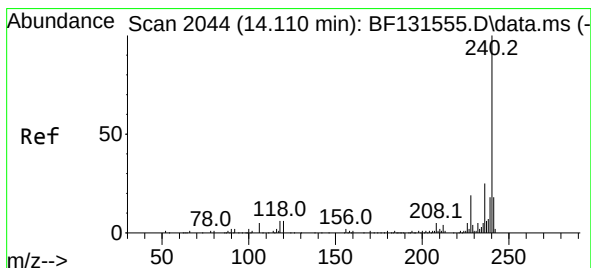
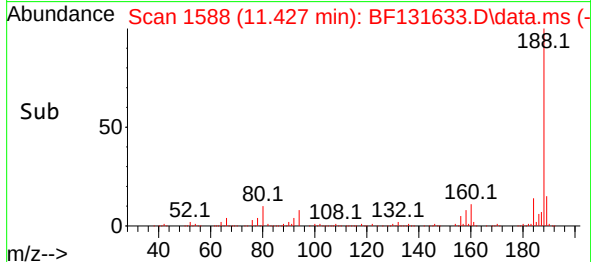
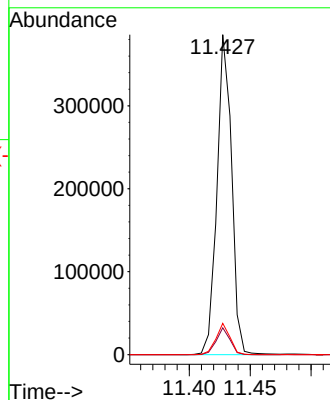
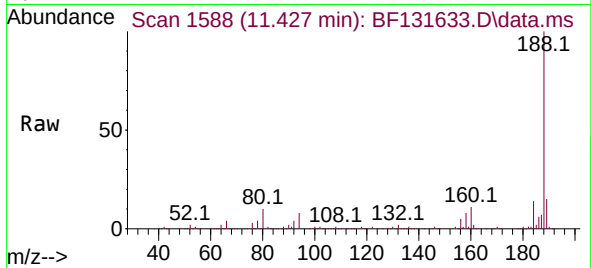




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

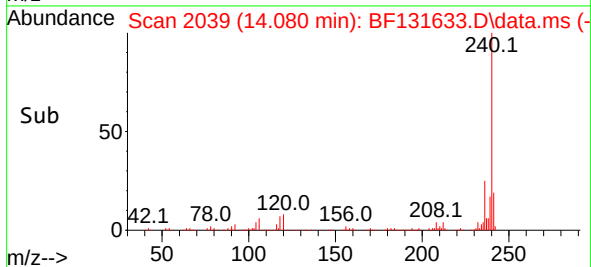
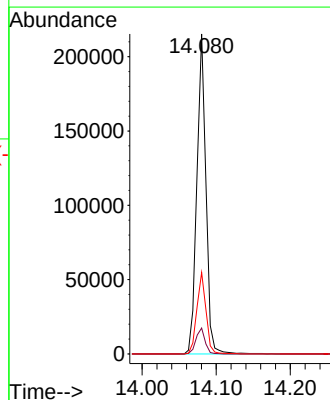
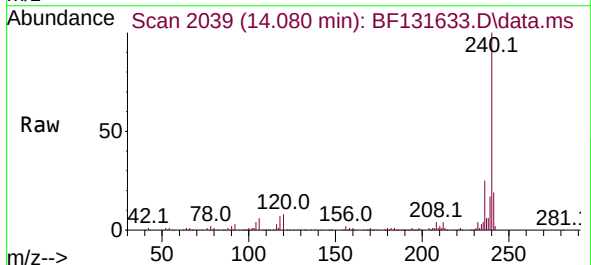
Instrument :
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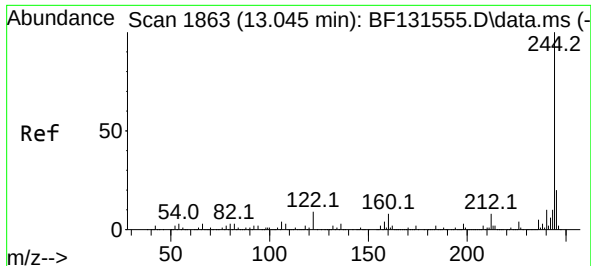
Tgt Ion:188 Resp: 322818
Ion Ratio Lower Upper
188 100
94 8.4 5.5 8.3#
80 9.8 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF131633.D
Acq: 14 Dec 2022 16:20

Tgt Ion:240 Resp: 183477
Ion Ratio Lower Upper
240 100
120 8.1 4.6 7.0#
236 25.4 20.2 30.2

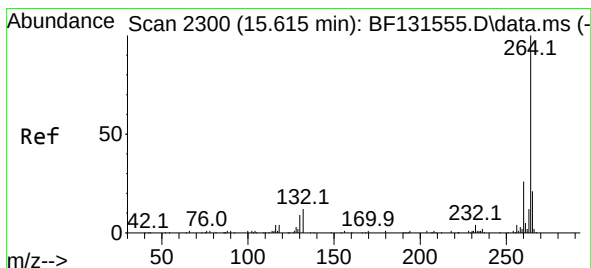
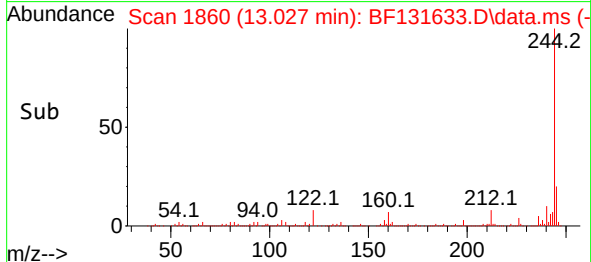
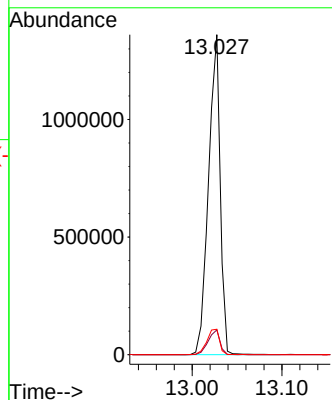
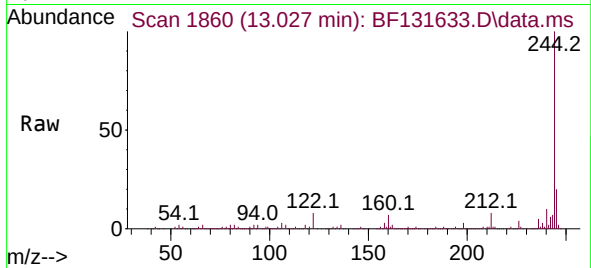




#79
 Terphenyl-d14
 Concen: 91.726 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131633.D
 Acq: 14 Dec 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PB149640BL

Tgt Ion:244 Resp: 1227188
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. -0.006 min
 Lab File: BF131633.D
 Acq: 14 Dec 2022 16:20

Tgt Ion:264 Resp: 145875
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.6 30.8
 265 20.3 16.8 25.2

