

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134123.D
 Acq On : 07 Jul 2023 06:54
 Operator : CG\JU
 Sample : PB153945BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153945BL

Quant Time: Jul 07 08:19:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	110393	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	420956	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	213554	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	425917	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	289039	20.000	ng	-0.02
86) Perylene-d12	15.539	264	248364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	887324	134.455	ng	0.00
7) Phenol-d6	6.481	99	1068887	131.701	ng	-0.01
23) Nitrobenzene-d5	7.410	82	723391	92.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	355088	132.617	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1339281	91.179	ng	0.00
79) Terphenyl-d14	12.975	244	1583697	88.183	ng	-0.01

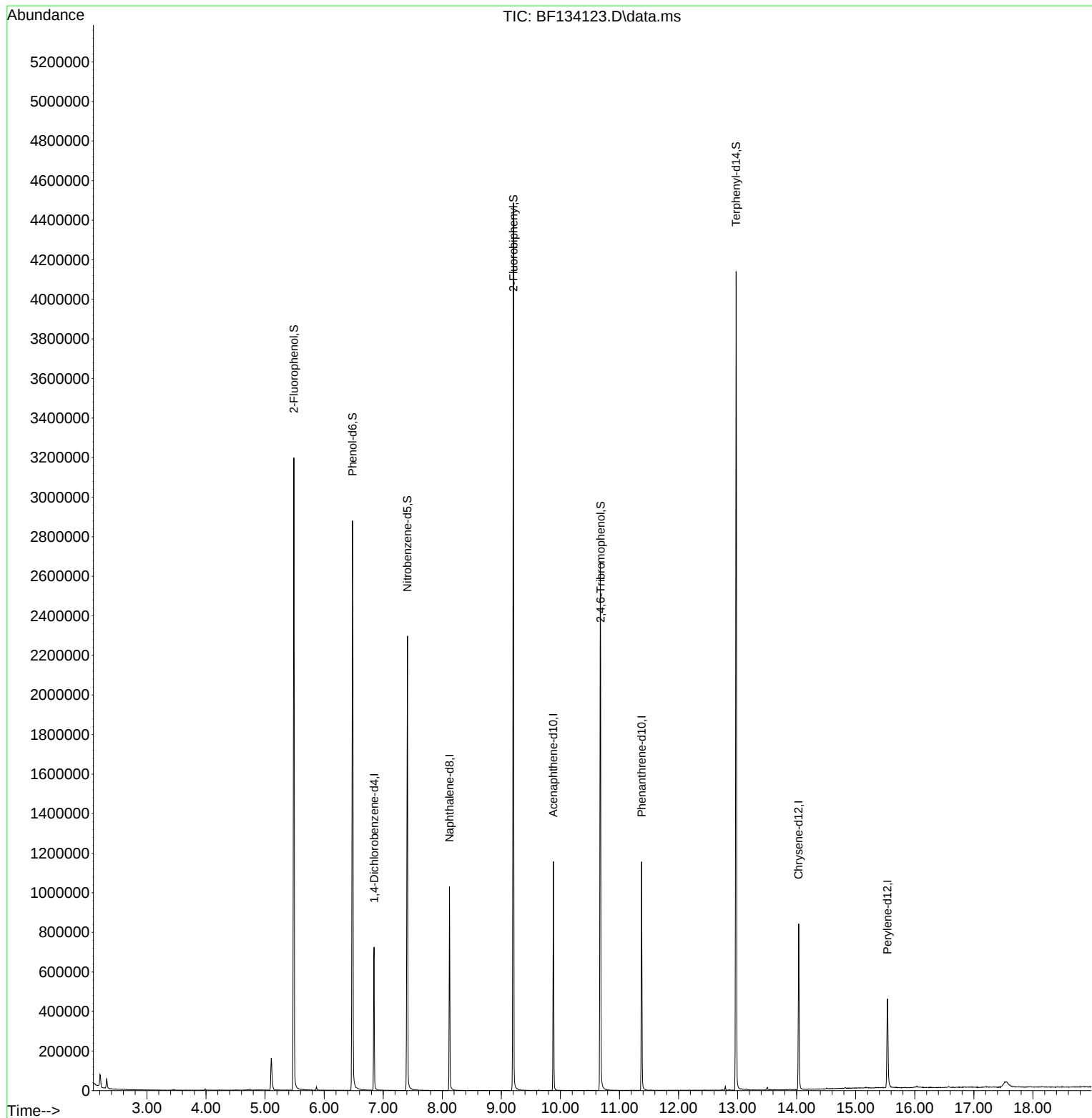
Target Compounds	Qvalue

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

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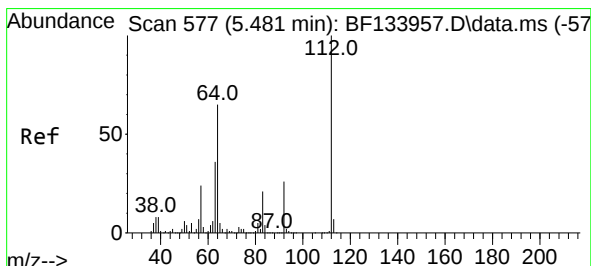
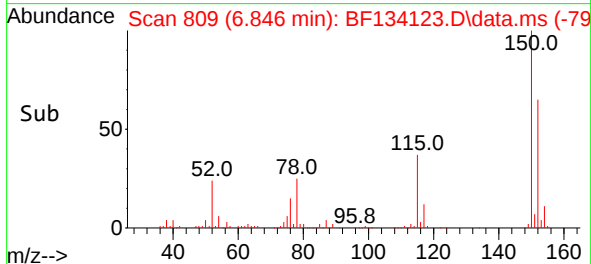
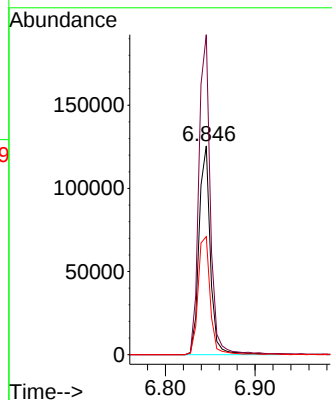
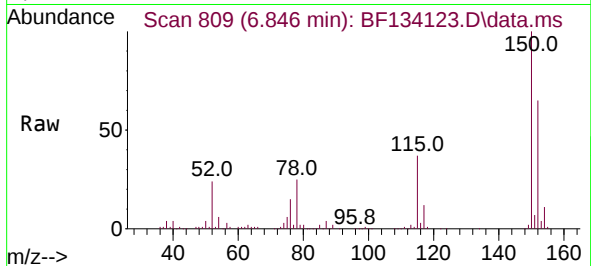




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

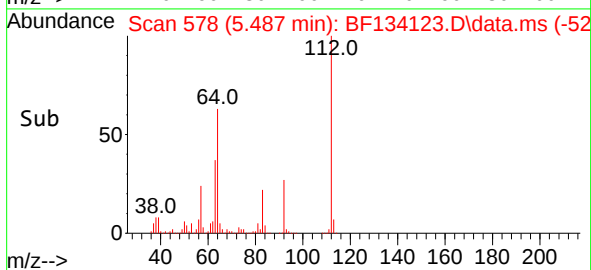
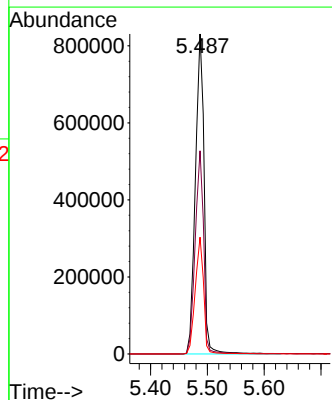
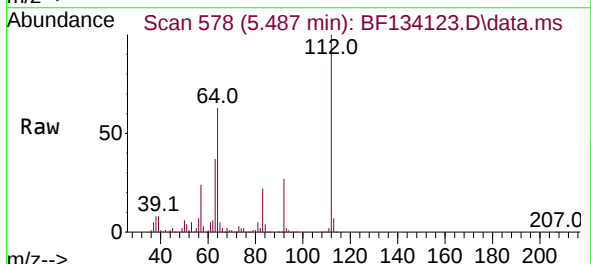
Instrument :
BNA_F
ClientSampleId :
PB153945BL

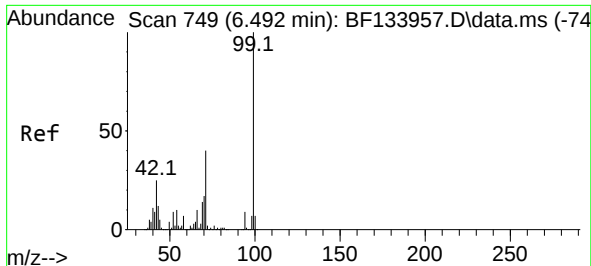
Tgt Ion:152 Resp: 110393
Ion Ratio Lower Upper
152 100
150 153.2 124.5 186.7
115 56.5 50.2 75.2



#5
2-Fluorophenol
Concen: 134.455 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

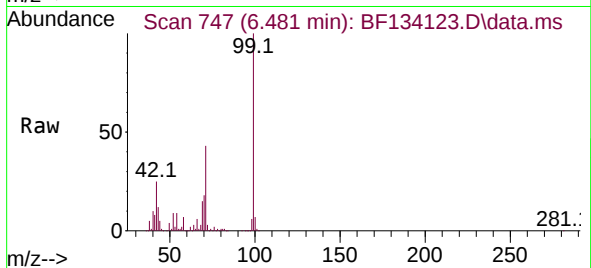
Tgt Ion:112 Resp: 887324
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 36.5 28.6 42.8





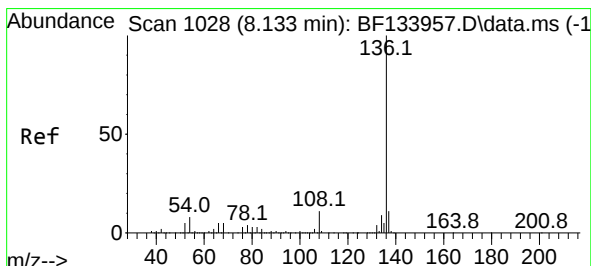
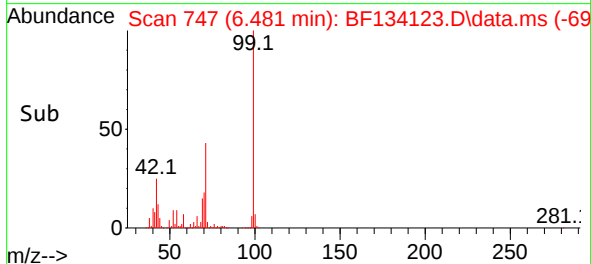
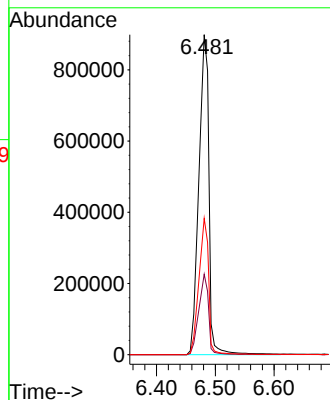
#7
Phenol-d6
Concen: 131.701 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Instrument :
BNA_F
ClientSampleId :
PB153945BL



Tgt Ion: 99 Resp: 1068887

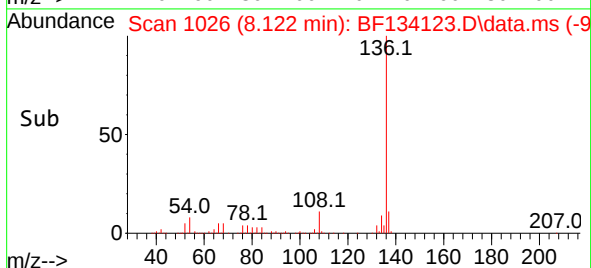
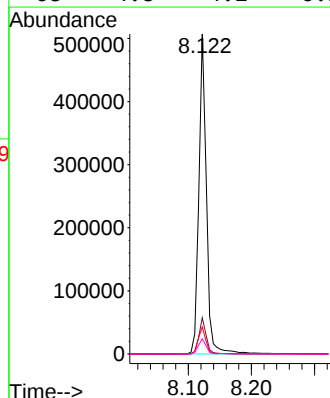
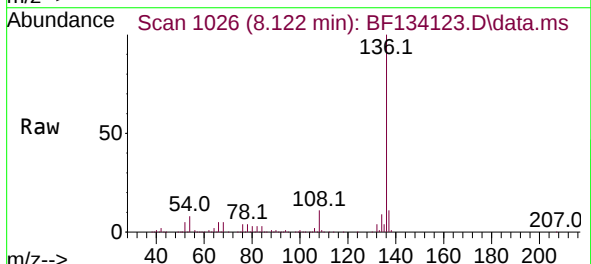
Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.8	29.6
71	42.6	31.9	47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion: 136 Resp: 420956

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.4	6.5	9.7
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 92.634 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

Instrument :

BNA_F

ClientSampleId :

PB153945BL

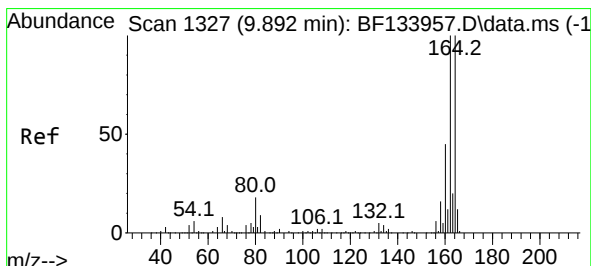
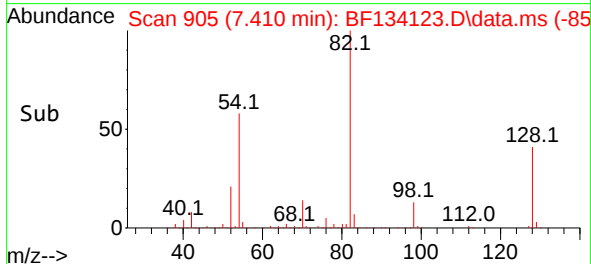
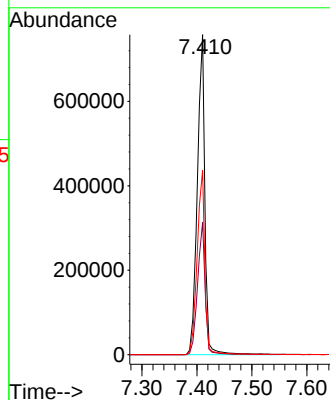
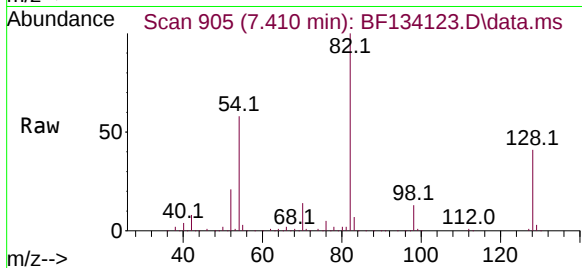
Tgt Ion: 82 Resp: 723391

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

54 57.6 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

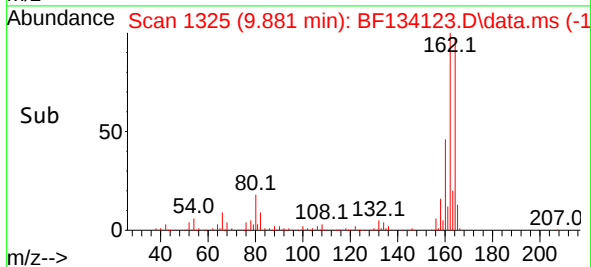
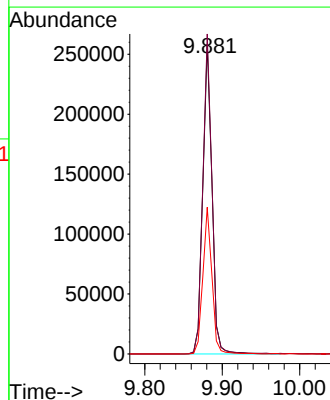
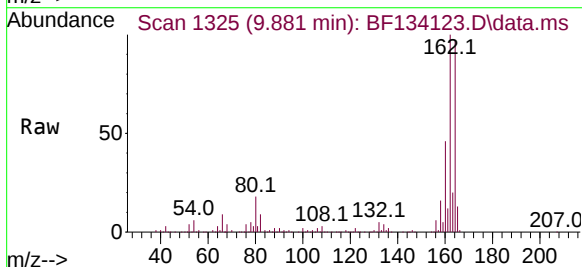
Tgt Ion:164 Resp: 213554

Ion Ratio Lower Upper

164 100

162 103.2 80.0 120.0

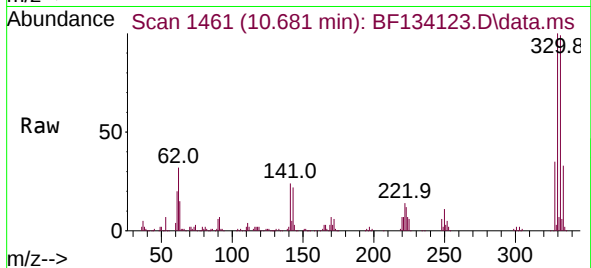
160 47.4 35.9 53.9



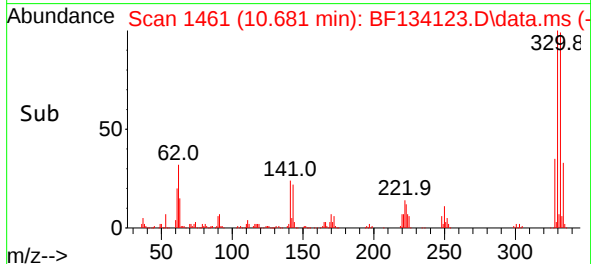
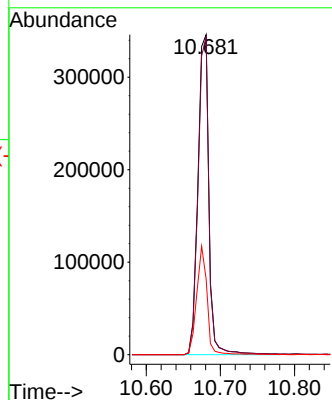


#42
2,4,6-Tribromophenol
Concen: 132.617 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Instrument :
BNA_F
ClientSampleId :
PB153945BL

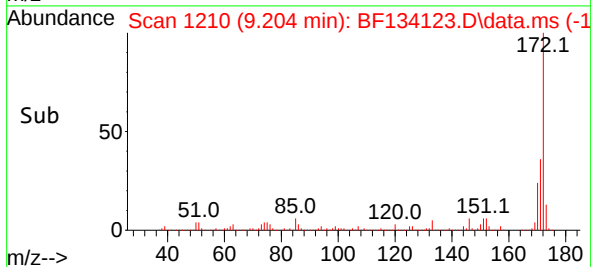
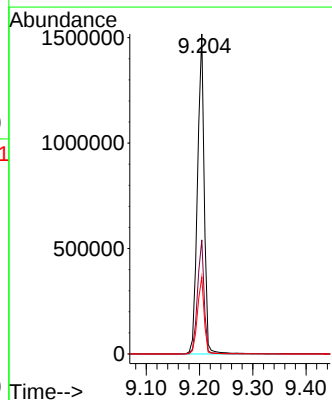
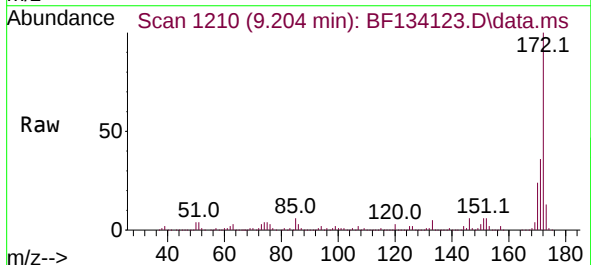


Tgt Ion:330 Resp: 355088
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 91.179 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion:172 Resp: 1339281
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

Instrument :

BNA_F

ClientSampleId :

PB153945BL

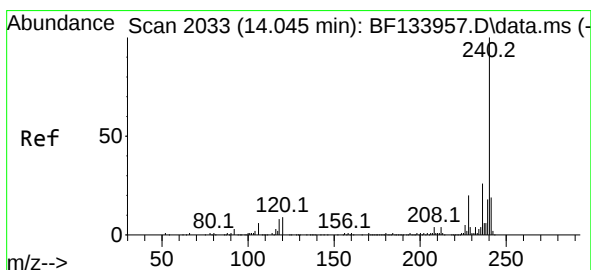
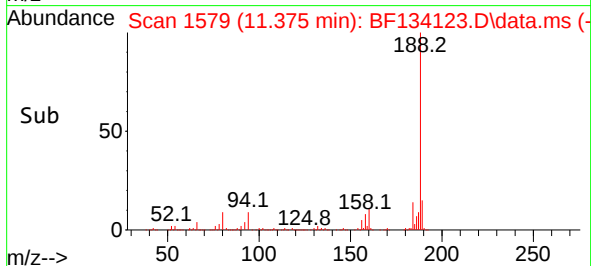
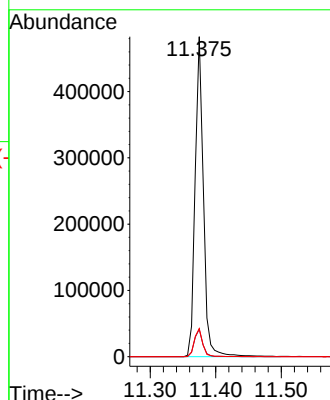
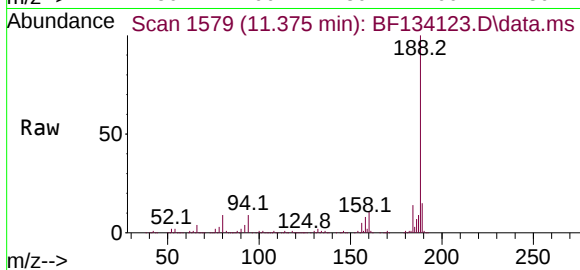
Tgt Ion:188 Resp: 425917

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

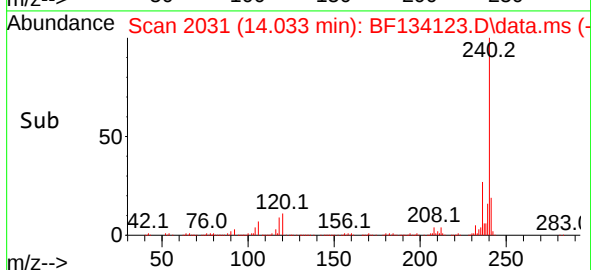
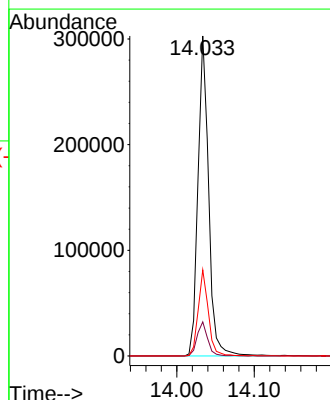
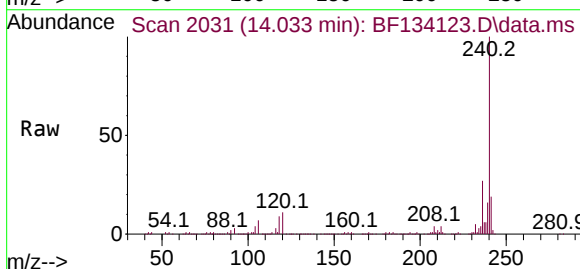
Tgt Ion:240 Resp: 289039

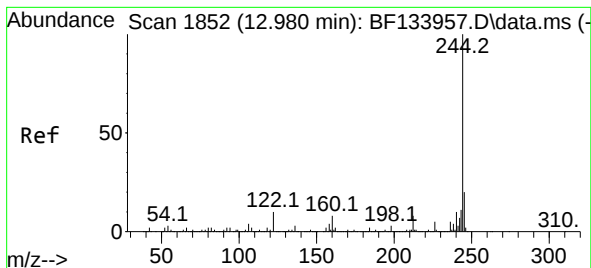
Ion Ratio Lower Upper

240 100

120 10.7 7.4 11.0

236 26.9 21.0 31.6





#79

Terphenyl-d14

Concen: 88.183 ng

RT: 12.975 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

Instrument :

BNA_F

ClientSampleId :

PB153945BL

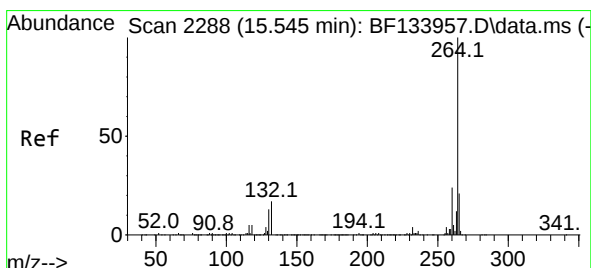
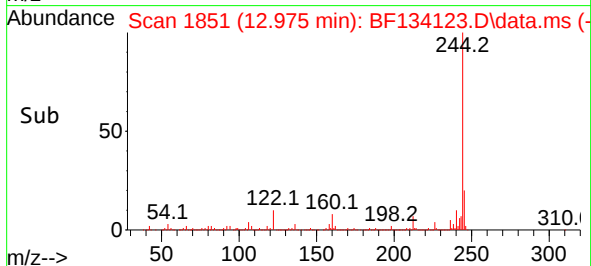
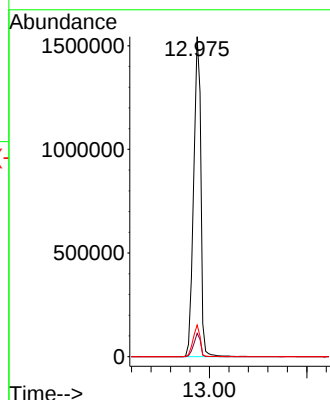
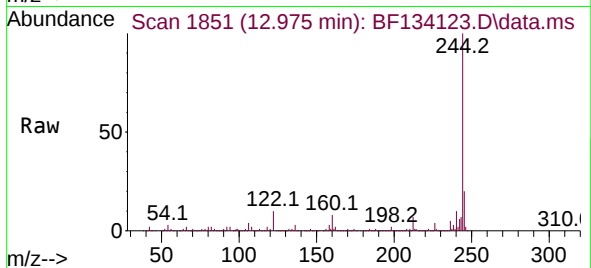
Tgt Ion:244 Resp: 1583697

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

Tgt Ion:264 Resp: 248364

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.6 16.6 25.0

