

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130133.D
 Acq On : 06 Sep 2022 12:43
 Operator : CG\JU
 Sample : PB147410BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147410BL

Quant Time: Sep 07 02:08:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	236331	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	954154	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	527164	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	948022	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	703288	20.000	ng	#-0.01
86) Perylene-d12	15.233	264	501382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1285514	92.343	ng	0.00
7) Phenol-d6	6.328	99	1579113	90.986	ng	0.00
23) Nitrobenzene-d5	7.263	82	1267258	85.355	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	422053	87.952	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2515959	79.128	ng	0.00
79) Terphenyl-d14	12.798	244	3058850	75.423	ng	0.00

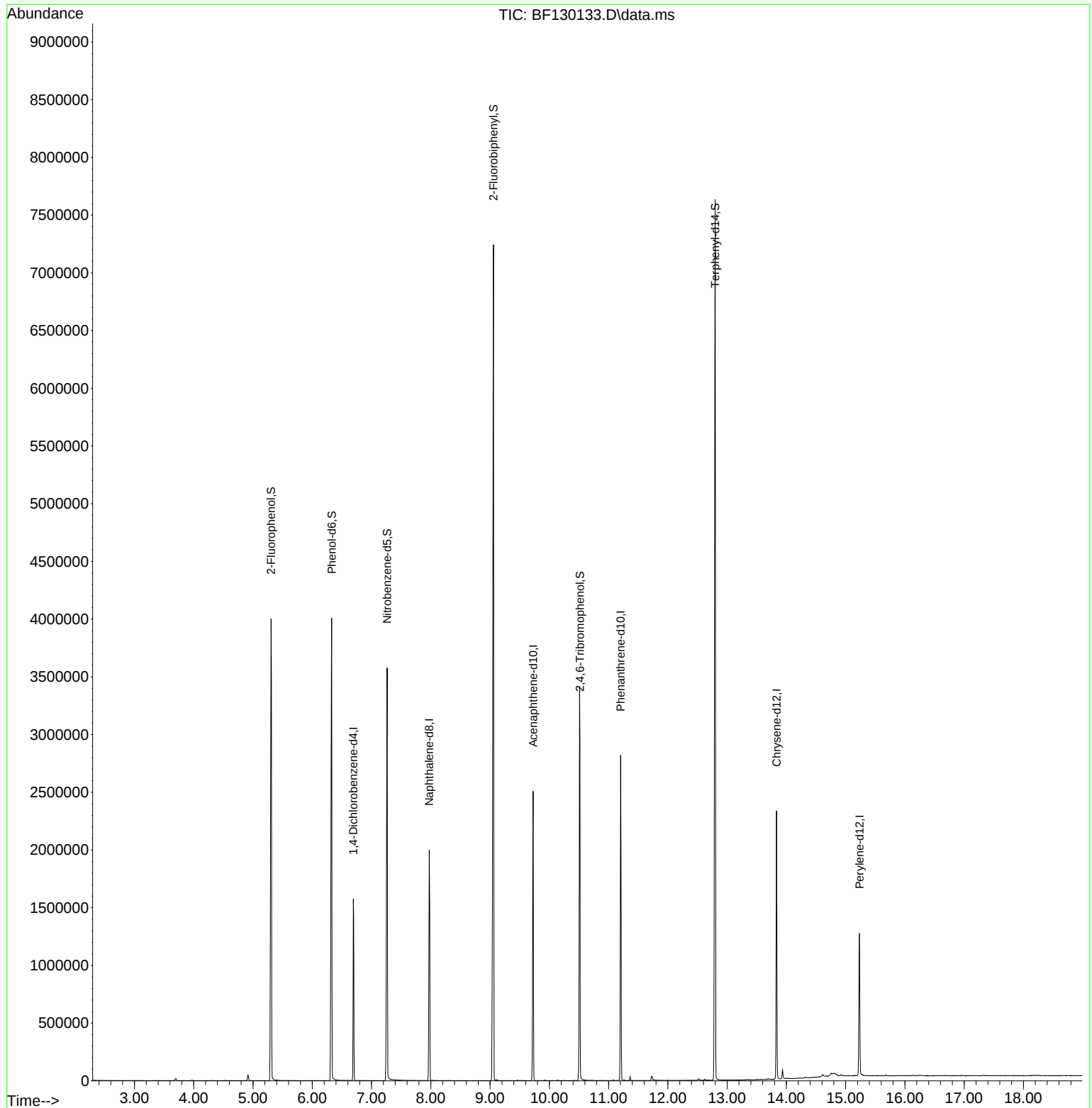
Target Compounds Qvalue

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

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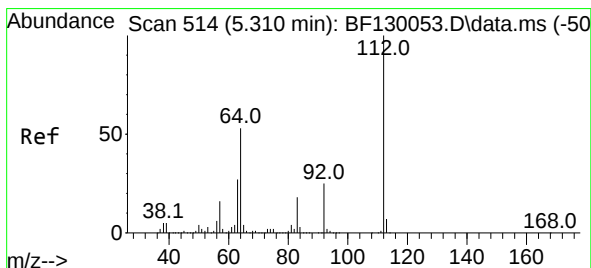
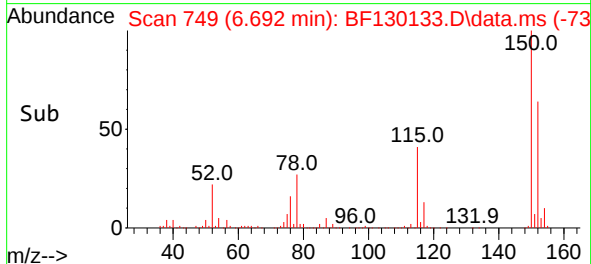
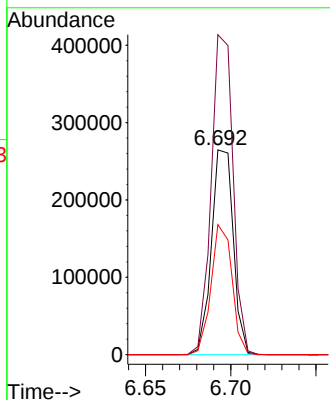
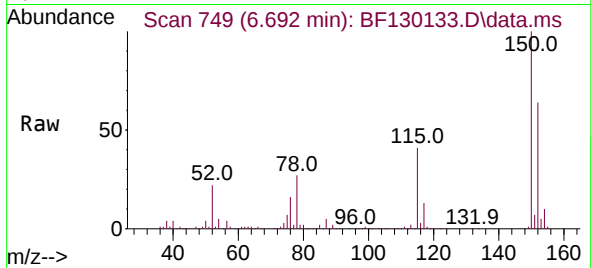




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

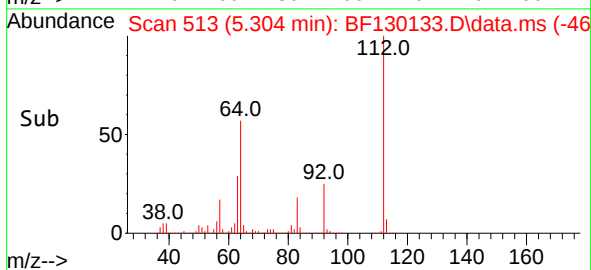
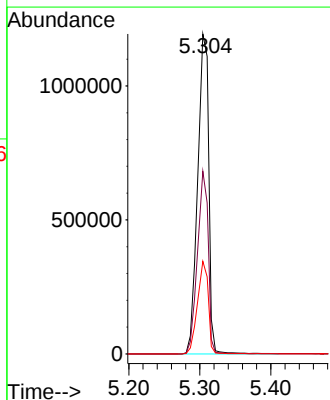
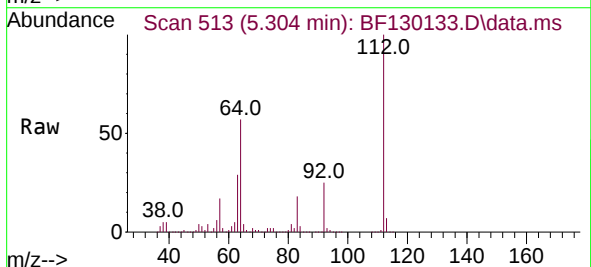
Instrument :
 BNA_F
 ClientSampleId :
 PB147410BL

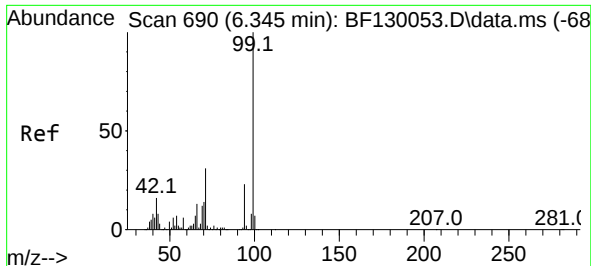
Tgt Ion:152 Resp: 236331
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.9 190.3
 115 63.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 92.343 ng
 RT: 5.304 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

Tgt Ion:112 Resp: 1285514
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.6 71.4
 63 28.9 24.6 37.0

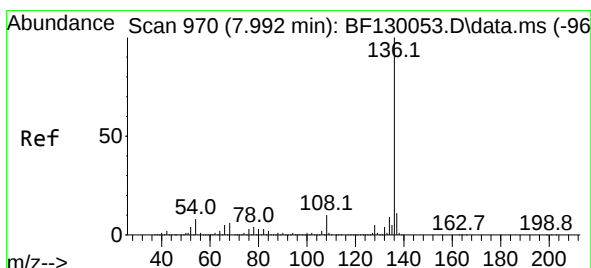
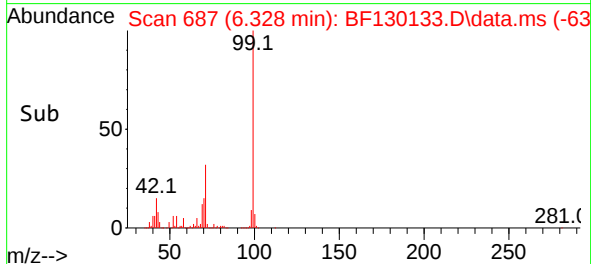
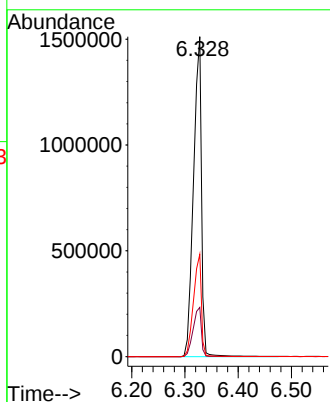
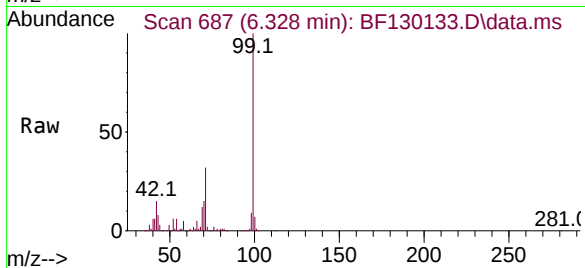




#7
Phenol-d6
Concen: 90.986 ng
RT: 6.328 min Scan# 68
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

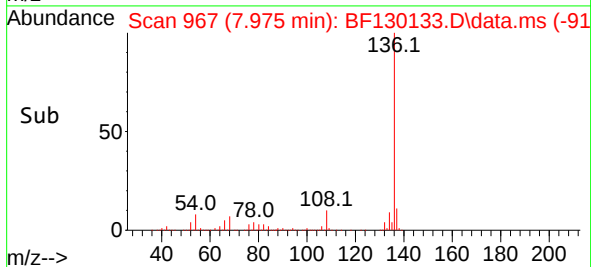
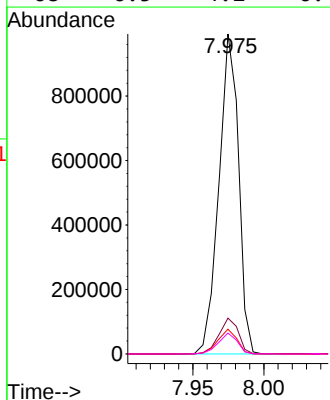
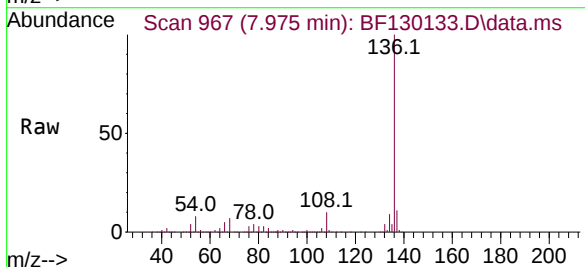
Instrument :
BNA_F
ClientSampleId :
PB147410BL

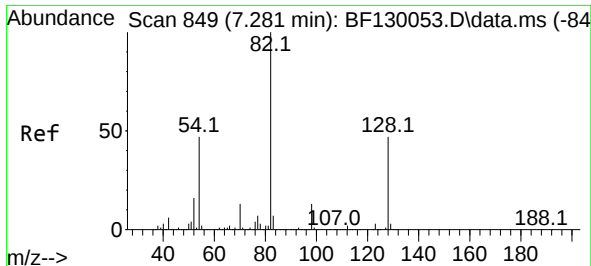
Tgt Ion: 99 Resp: 1579113
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 32.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

Tgt Ion: 136 Resp: 954154
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 85.355 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

Instrument :

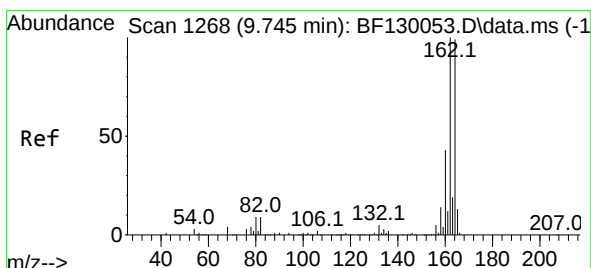
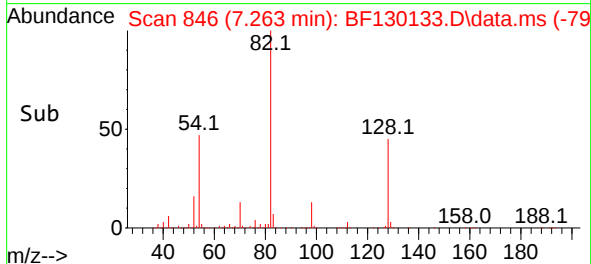
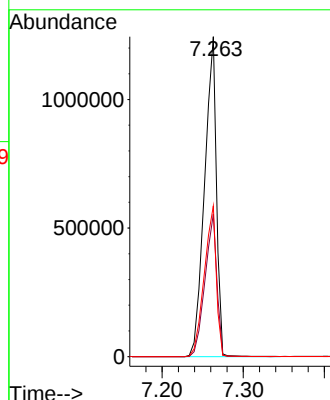
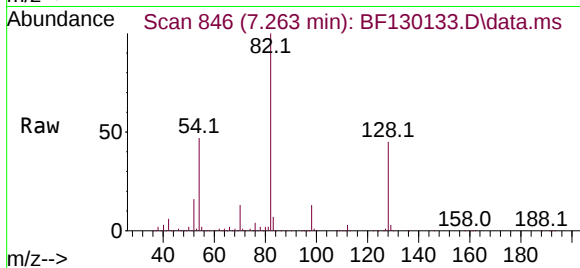
BNA_F

ClientSampleId :

PB147410BL

Tgt Ion: 82 Resp: 1267258

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	47.1	40.0	60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.728 min Scan# 1265

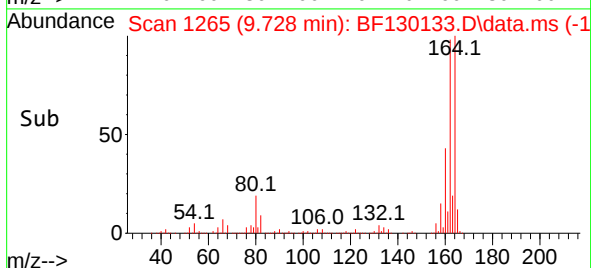
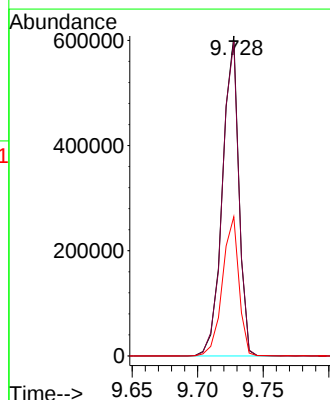
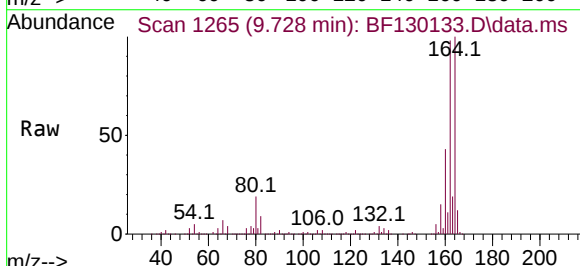
Delta R.T. -0.006 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

Tgt Ion: 164 Resp: 527164

Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.0	123.0
160	43.5	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 87.952 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147410BL

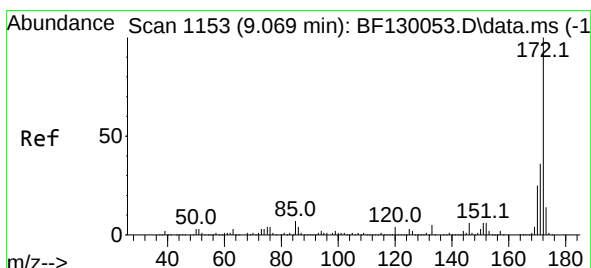
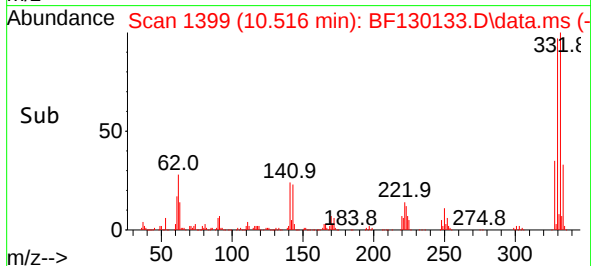
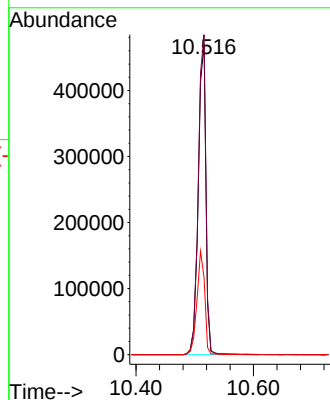
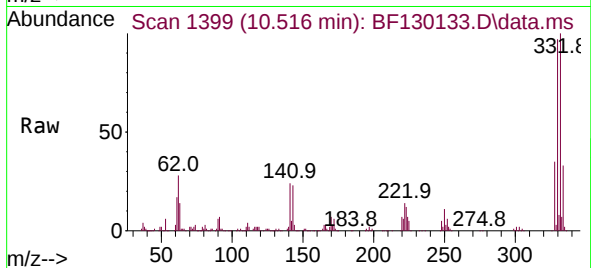
Tgt Ion:330 Resp: 422053

Ion Ratio Lower Upper

330 100

332 103.0 82.6 124.0

141 33.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 79.128 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130133.D

Acq: 06 Sep 2022 12:43

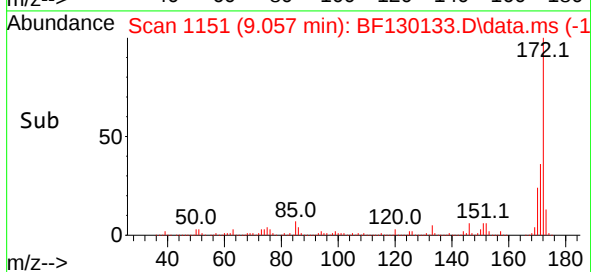
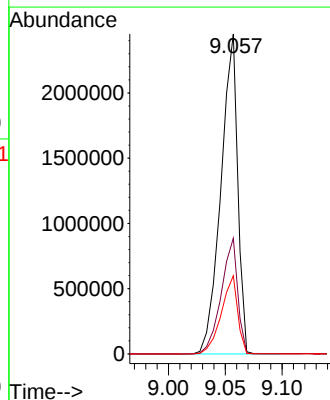
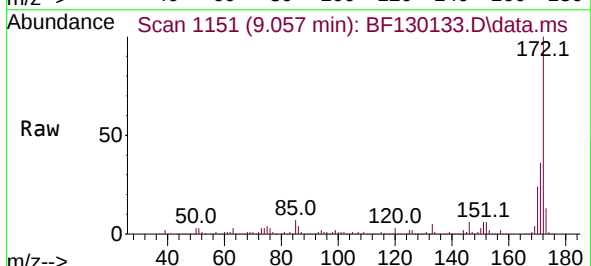
Tgt Ion:172 Resp: 2515959

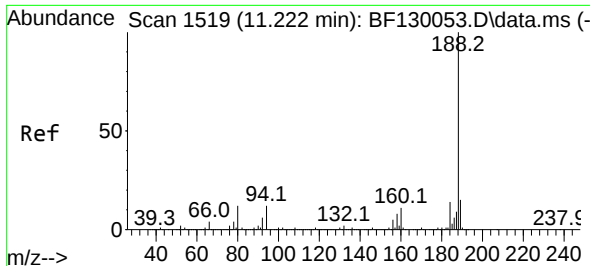
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.4 19.1 28.7

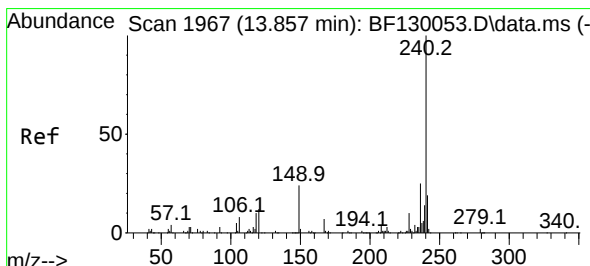
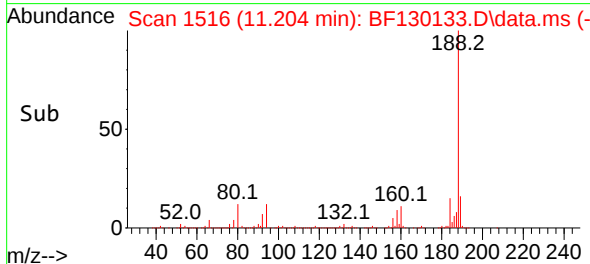
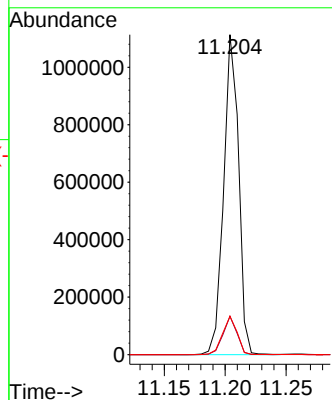
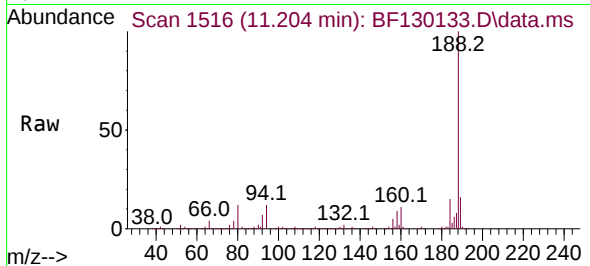




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

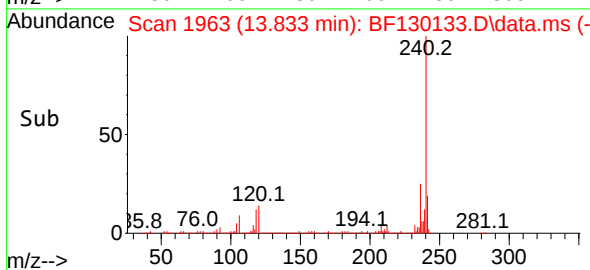
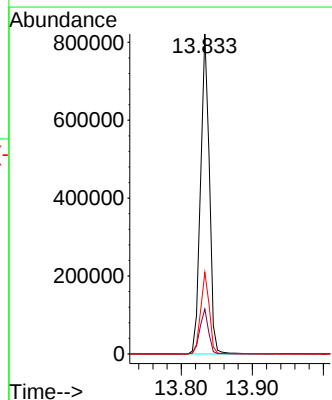
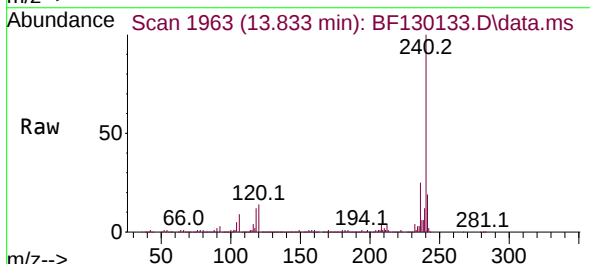
Instrument :
BNA_F
ClientSampleId :
PB147410BL

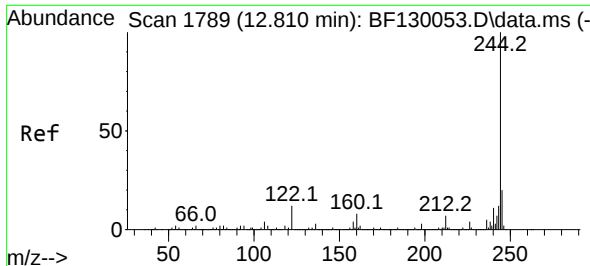
Tgt Ion:188 Resp: 948022
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 12.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130133.D
Acq: 06 Sep 2022 12:43

Tgt Ion:240 Resp: 703288
Ion Ratio Lower Upper
240 100
120 14.0 9.2 13.8#
236 25.5 20.7 31.1

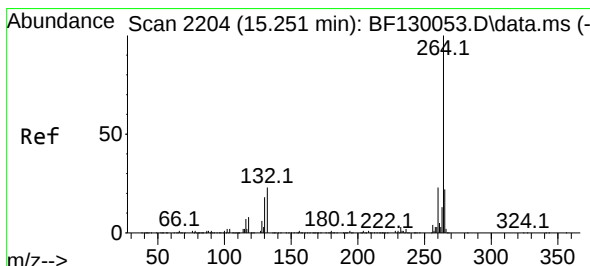
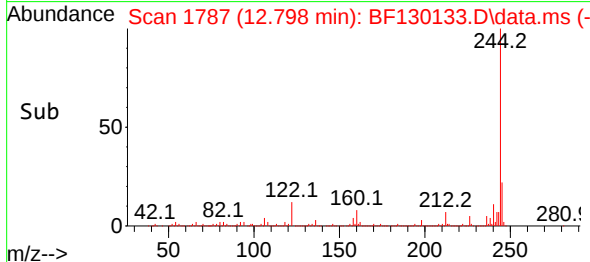
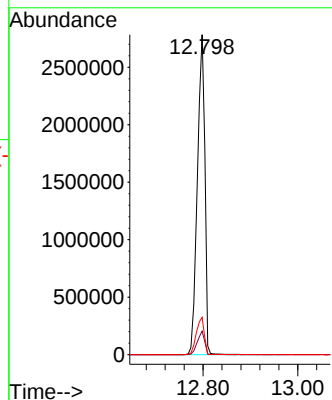
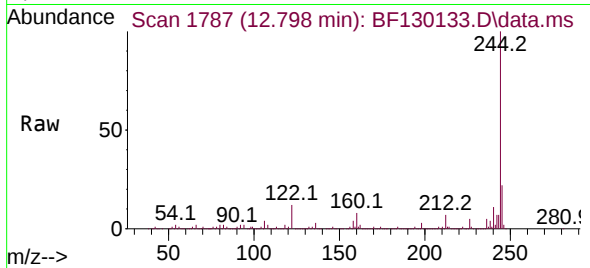




#79
 Terphenyl-d14
 Concen: 75.423 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

Instrument :
 BNA_F
 ClientSampleId :
 PB147410BL

Tgt Ion:244 Resp: 3058850
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130133.D
 Acq: 06 Sep 2022 12:43

Tgt Ion:264 Resp: 501382
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.1 16.7 25.1

