

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134147.D
 Acq On : 08 Jul 2023 14:20
 Operator : CG\JU
 Sample : 03515-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEONIA-COMP

Quant Time: Jul 09 00:36:53 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	6.845	152	136096	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	535194	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	283064	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	567249	20.000	ng	0.00
76) Chrysene-d12	14.039	240	359272	20.000	ng	-0.01
86) Perylene-d12	15.545	264	299745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	751174	92.327	ng	0.00
7) Phenol-d6	6.486	99	931913	93.139	ng	0.00
23) Nitrobenzene-d5	7.410	82	640679	64.530	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	354507	99.888	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1176269	60.416	ng	0.00
79) Terphenyl-d14	12.980	244	1398549	62.650	ng	0.00

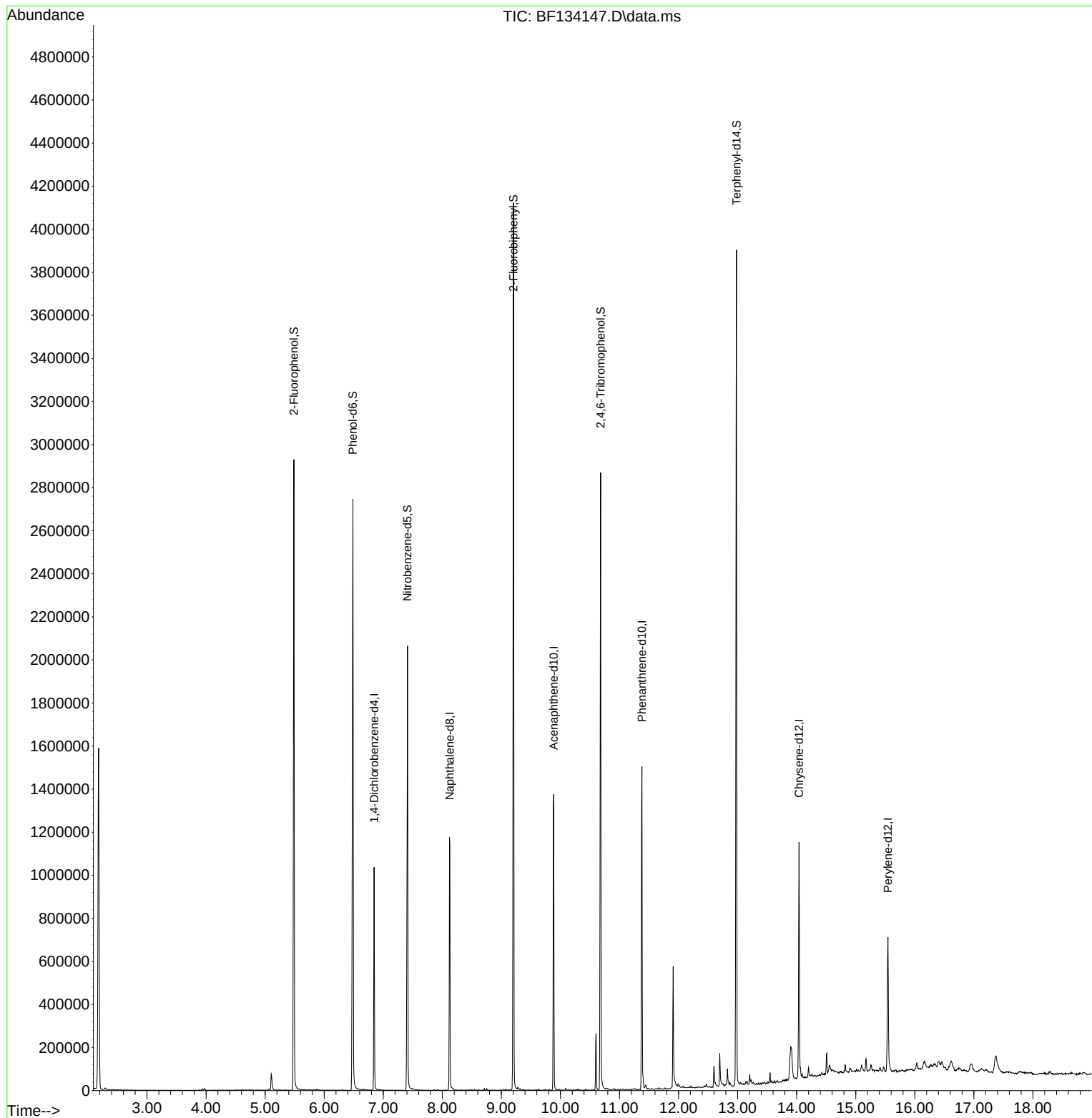
Target Compounds	Qvalue

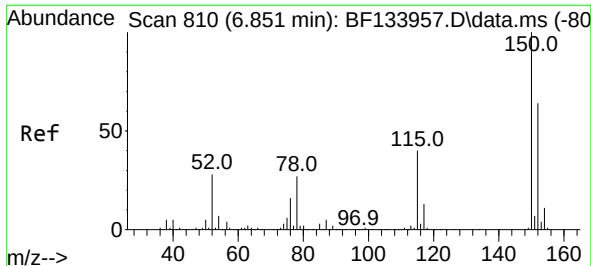
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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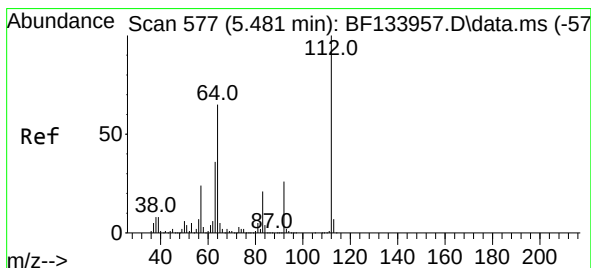
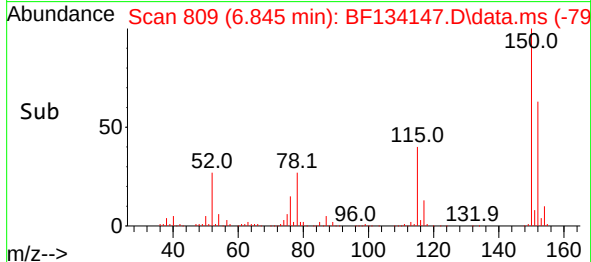
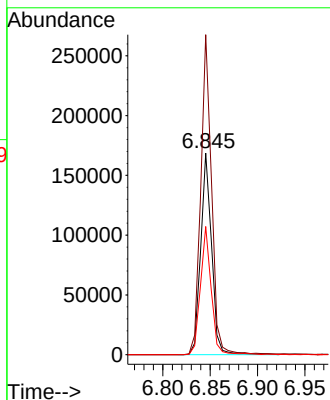
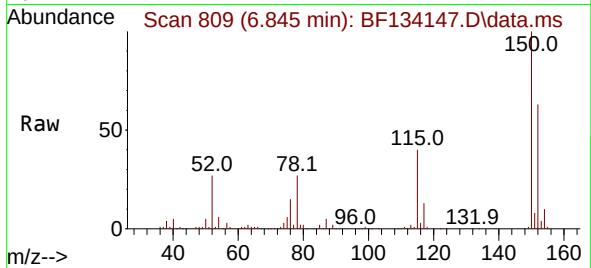




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

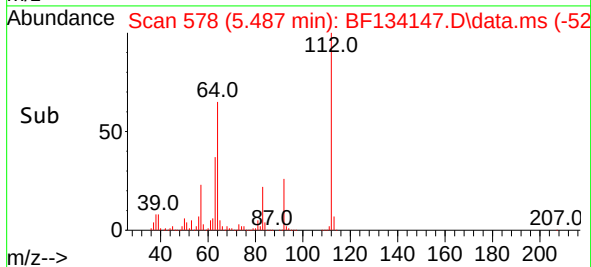
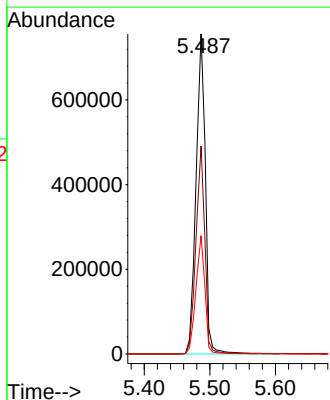
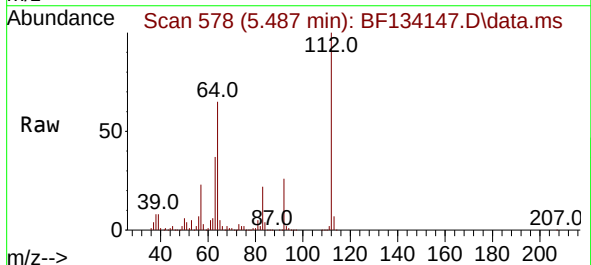
Instrument :
BNA_F
ClientSampleId :
LEONIA-COMP

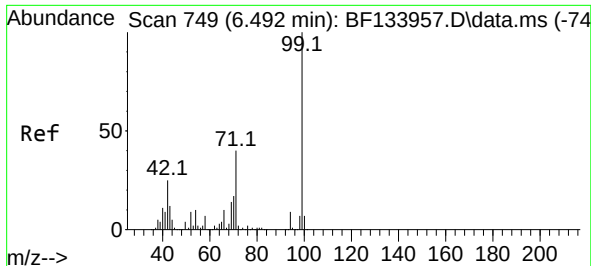
Tgt Ion:152 Resp: 136096
Ion Ratio Lower Upper
152 100
150 158.7 124.5 186.7
115 63.6 50.2 75.2



#5
2-Fluorophenol
Concen: 92.327 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion:112 Resp: 751174
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 37.0 28.6 42.8

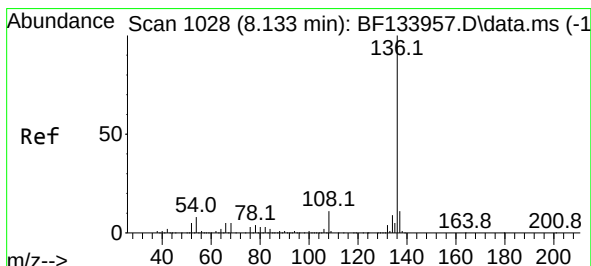
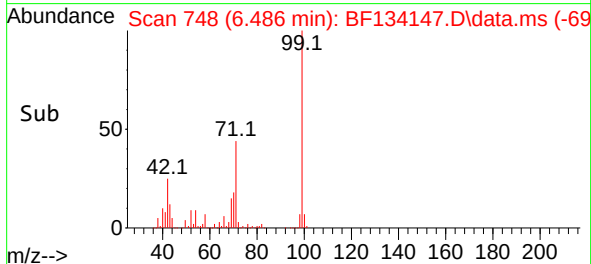
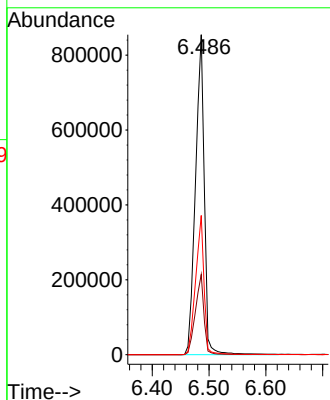
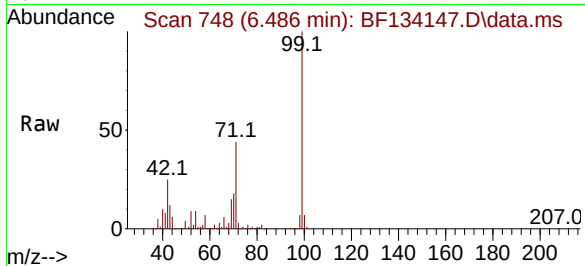




#7
Phenol-d6
Concen: 93.139 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

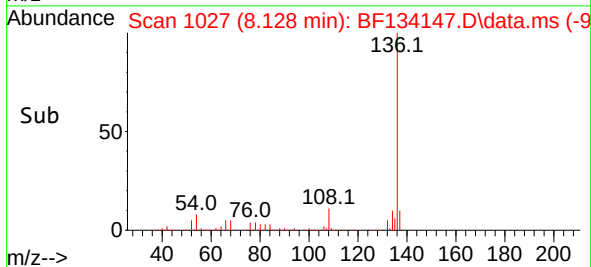
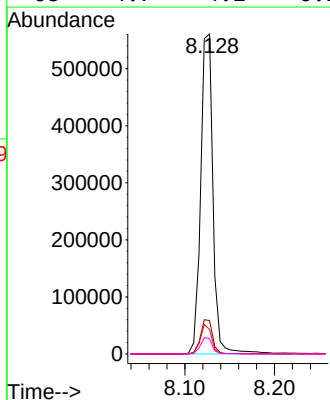
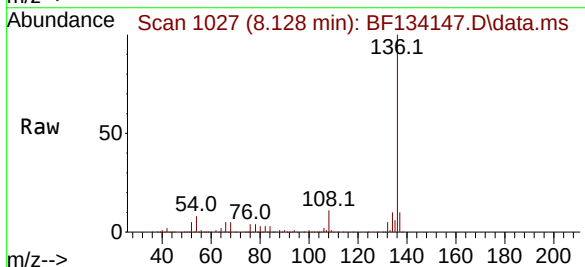
Instrument :
BNA_F
ClientSampleId :
LEONIA-COMP

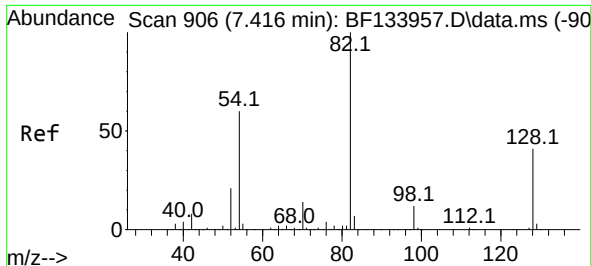
Tgt Ion: 99 Resp: 931913
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 43.5 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion: 136 Resp: 535194
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.7 6.5 9.7
68 4.7 4.2 6.2

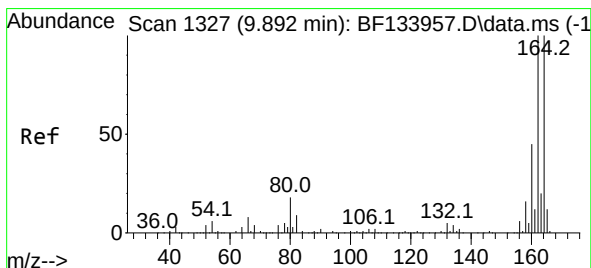
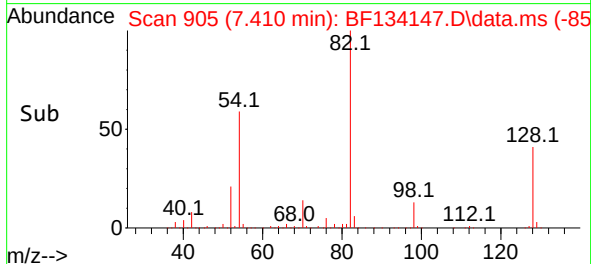
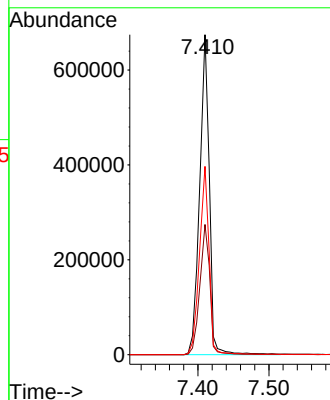
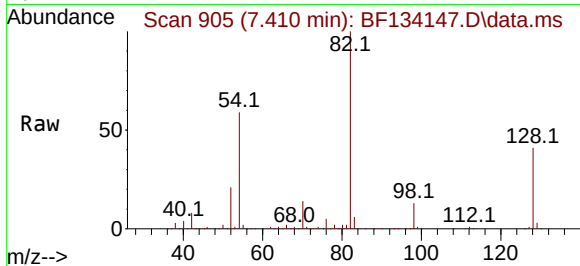




#23
Nitrobenzene-d5
Concen: 64.530 ng
RT: 7.410 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

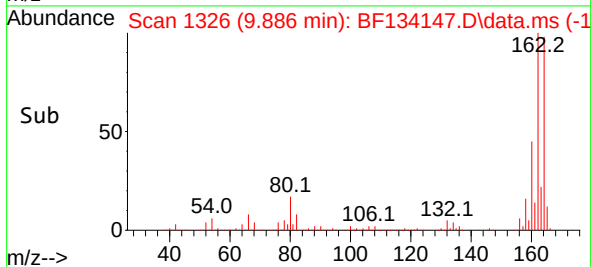
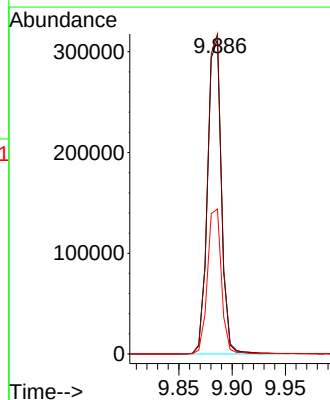
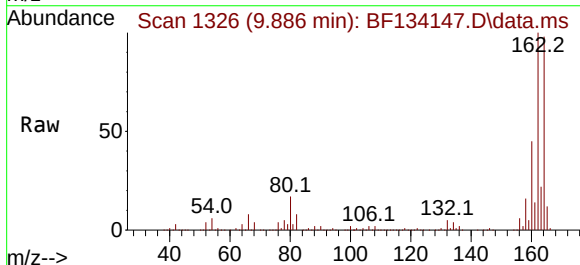
Instrument :
BNA_F
ClientSampleId :
LEONIA-COMP

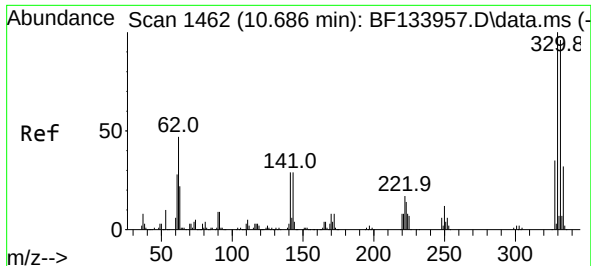
Tgt Ion: 82 Resp: 640679
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 58.9 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134147.D
Acq: 08 Jul 2023 14:20

Tgt Ion:164 Resp: 283064
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 99.888 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF134147.D

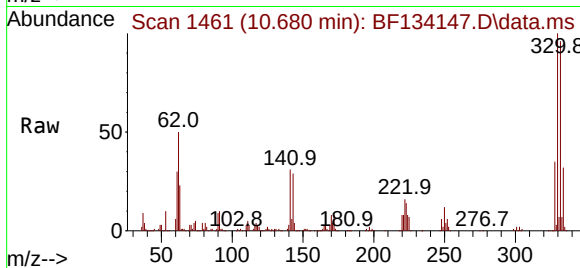
Acq: 08 Jul 2023 14:20

Instrument :

BNA_F

ClientSampleId :

LEONIA-COMP



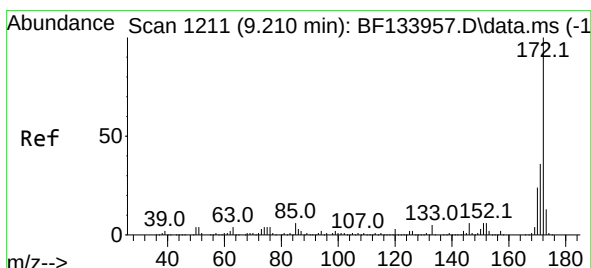
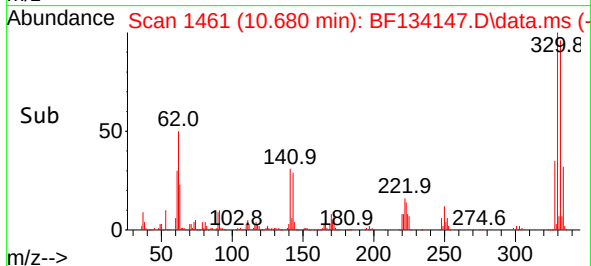
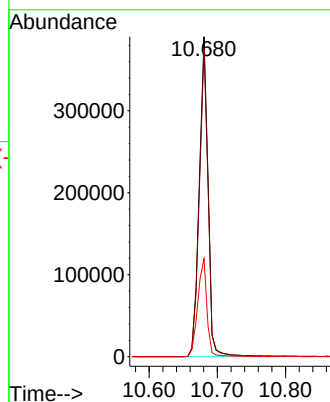
Tgt Ion:330 Resp: 354507

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 60.416 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

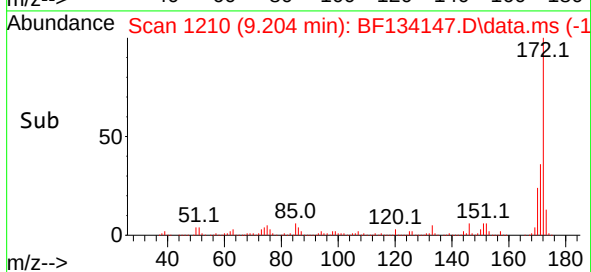
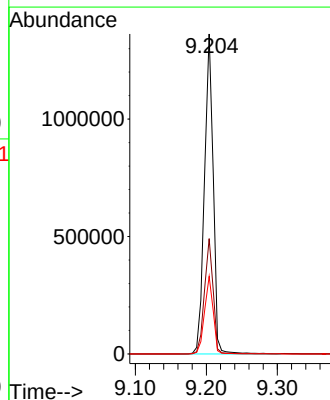
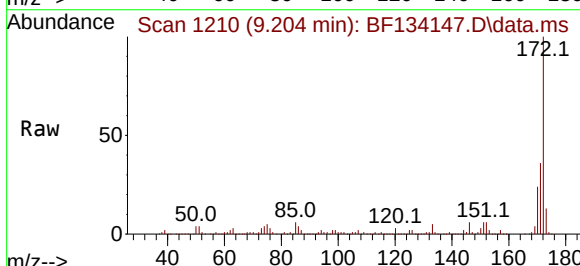
Tgt Ion:172 Resp: 1176269

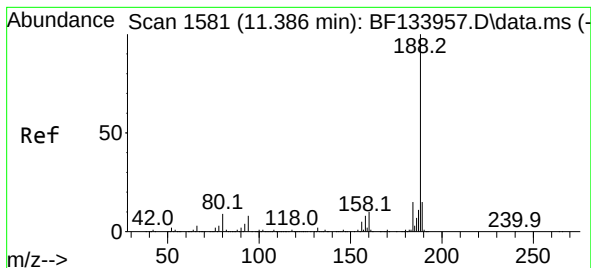
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

Instrument :

BNA_F

ClientSampleId :

LEONIA-COMP

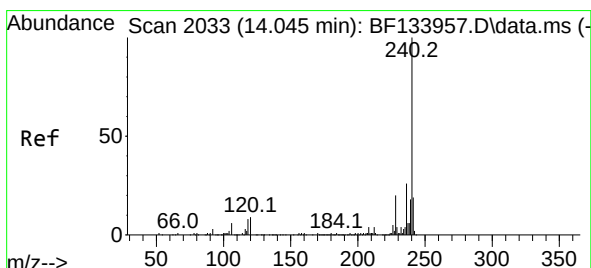
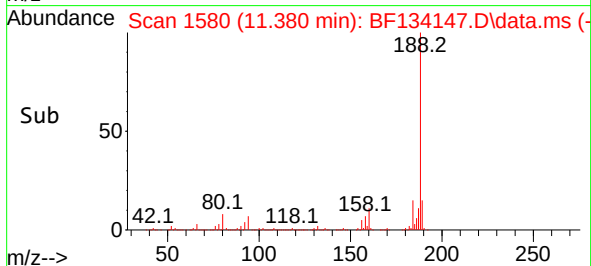
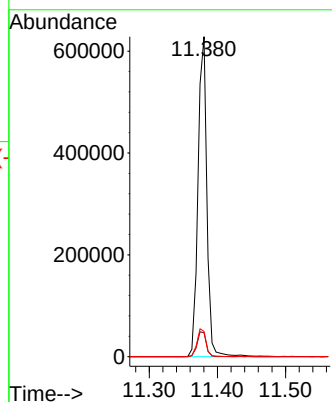
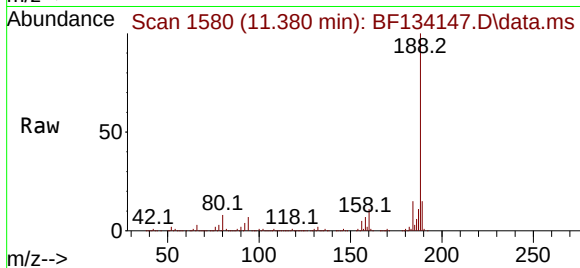
Tgt Ion:188 Resp: 567249

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 7.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134147.D

Acq: 08 Jul 2023 14:20

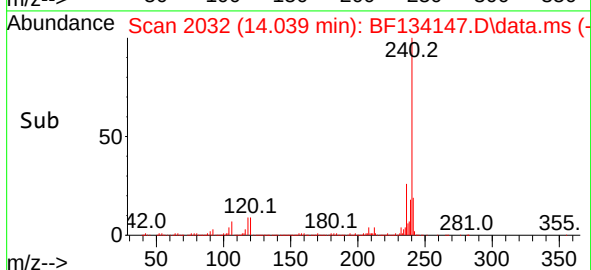
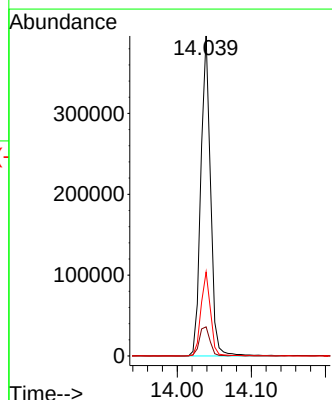
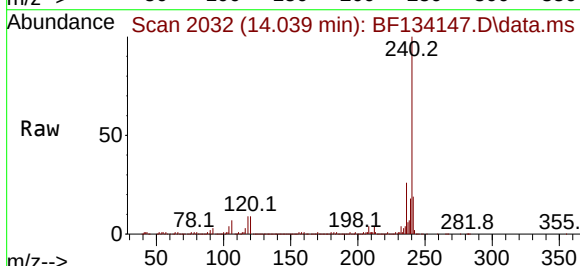
Tgt Ion:240 Resp: 359272

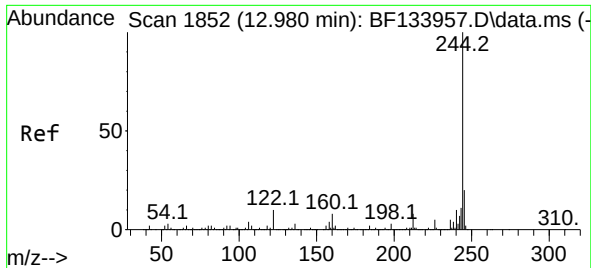
Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 26.2 21.0 31.6

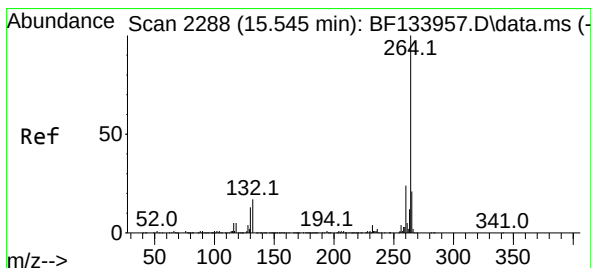
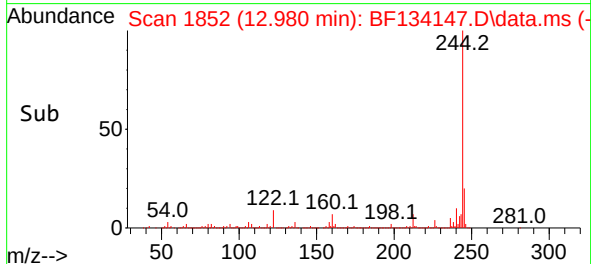
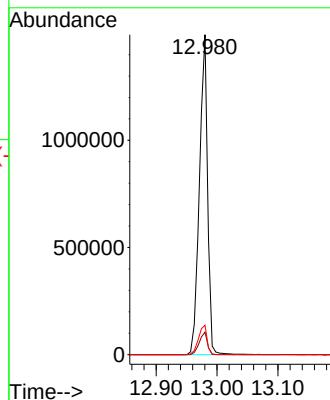
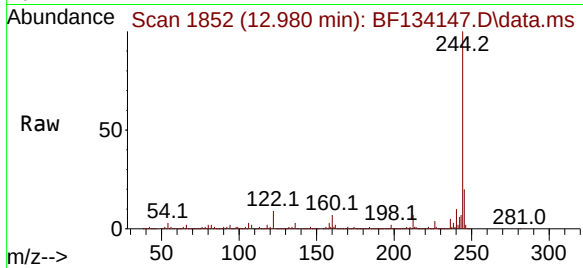




#79
 Terphenyl-d14
 Concen: 62.650 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134147.D
 Acq: 08 Jul 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :
 LEONIA-COMP

Tgt Ion:244 Resp: 1398549
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134147.D
 Acq: 08 Jul 2023 14:20

Tgt Ion:264 Resp: 299745
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.9 16.6 25.0

