

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134601.D
 Acq On : 03 Aug 2023 09:14
 Operator : CG\JU
 Sample : PB154404BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154404BL

Quant Time: Aug 04 01:04:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	204882	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	819810	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	424433	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	815521	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	652501	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	660659	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1577141	117.014	ng	0.02
7) Phenol-d6	6.428	99	2030677	117.862	ng	0.00
23) Nitrobenzene-d5	7.357	82	1239381	94.476	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	582102	134.537	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2129343	83.416	ng	0.00
79) Terphenyl-d14	12.915	244	2642331	71.388	ng	0.00

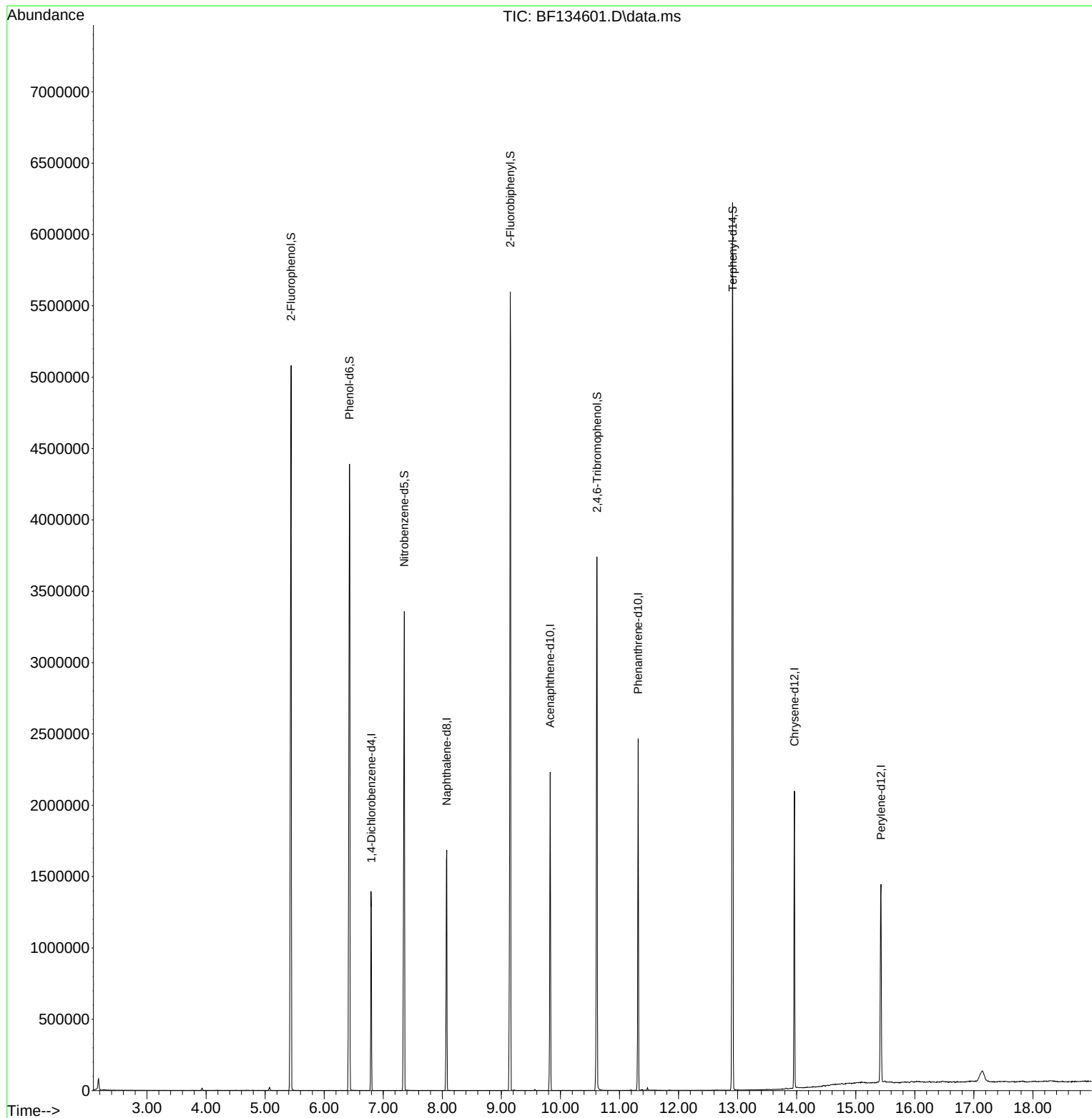
Target Compounds	Qvalue

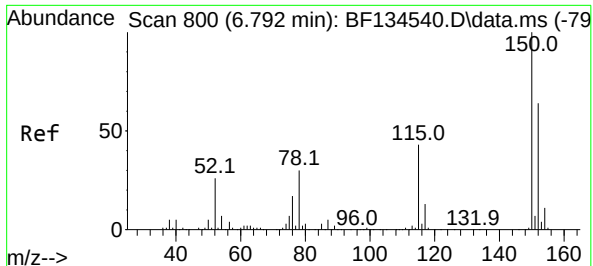
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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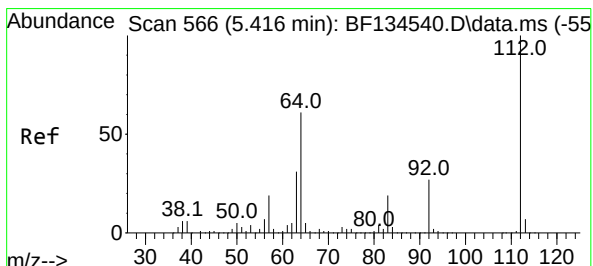
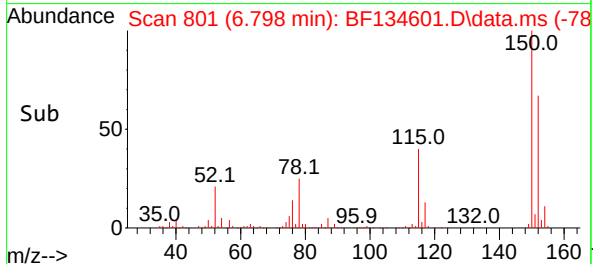
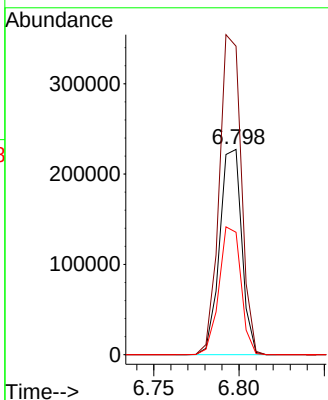
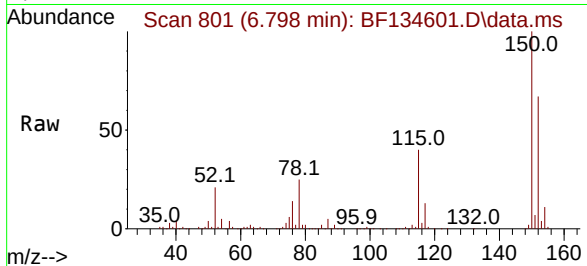




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

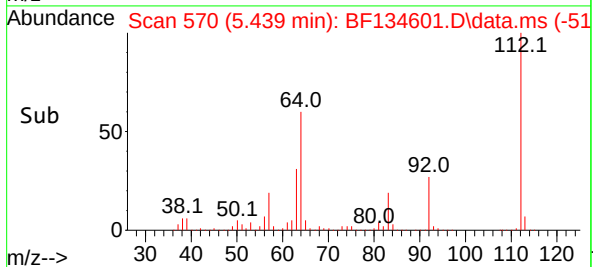
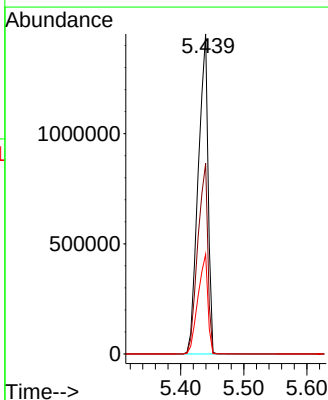
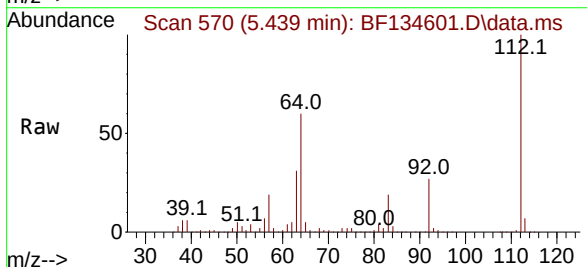
Instrument :
BNA_F
ClientSampleId :
PB154404BL

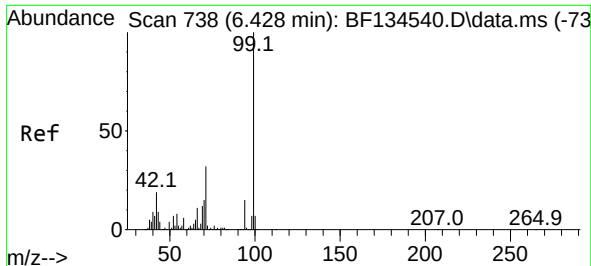
Tgt Ion:152 Resp: 204882
Ion Ratio Lower Upper
152 100
150 150.2 128.3 192.5
115 59.6 52.4 78.6



#5
2-Fluorophenol
Concen: 117.014 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion:112 Resp: 1577141
Ion Ratio Lower Upper
112 100
64 59.6 44.9 67.3
63 31.1 25.4 38.0

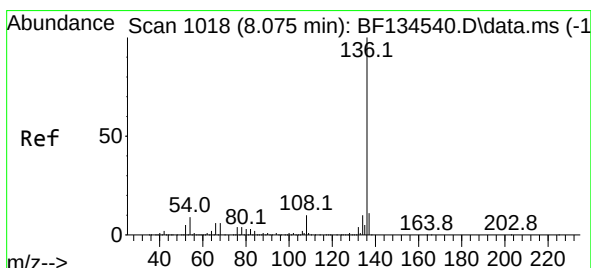
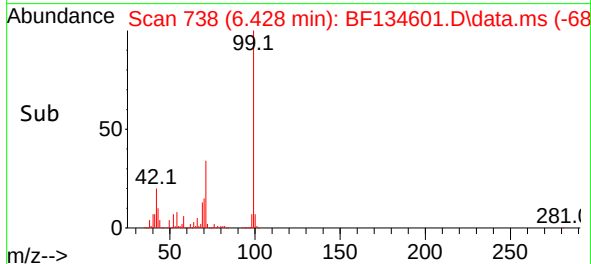
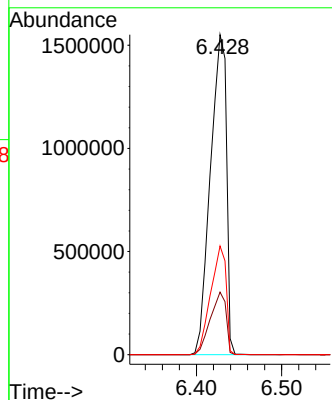
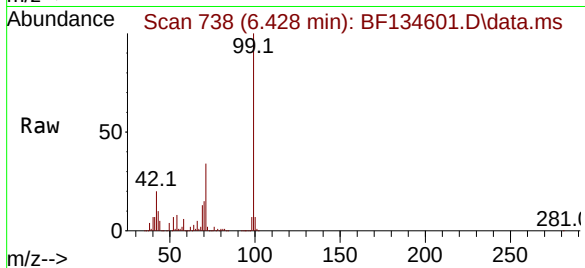




#7
Phenol-d6
Concen: 117.862 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

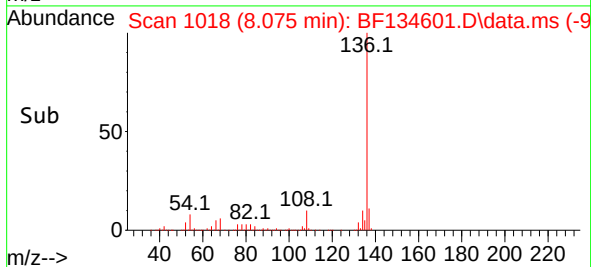
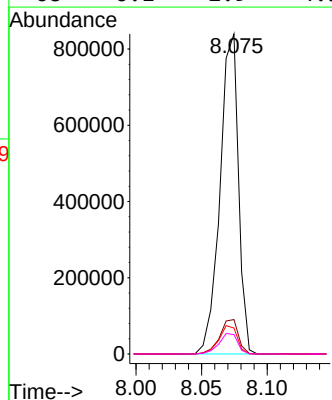
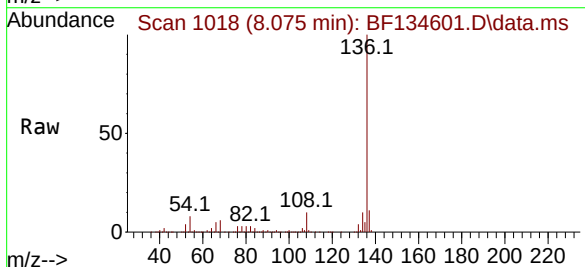
Instrument :
BNA_F
ClientSampleId :
PB154404BL

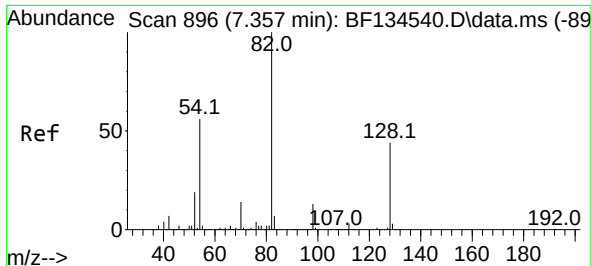
Tgt Ion: 99 Resp: 2030677
Ion Ratio Lower Upper
99 100
42 19.5 18.7 28.1
71 34.0 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion: 136 Resp: 819810
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.1 5.2 7.8#
68 6.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 94.476 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

Instrument :

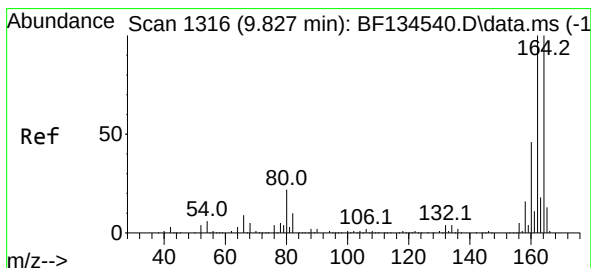
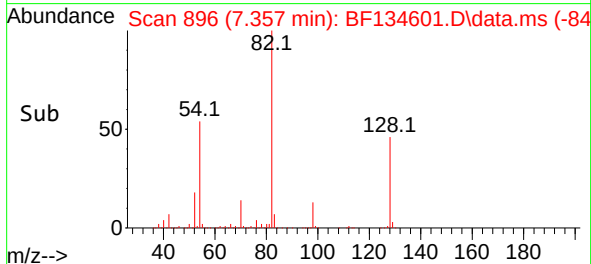
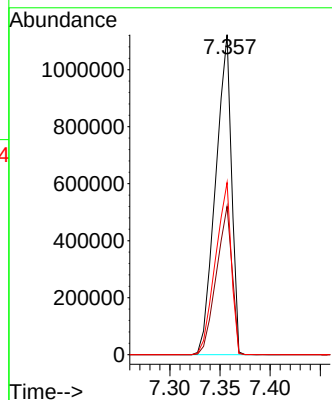
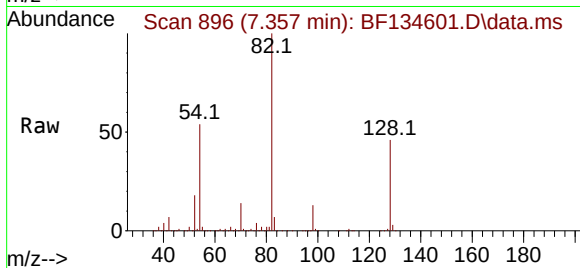
BNA_F

ClientSampleId :

PB154404BL

Tgt Ion: 82 Resp: 1239381

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.3	51.5
54	53.8	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

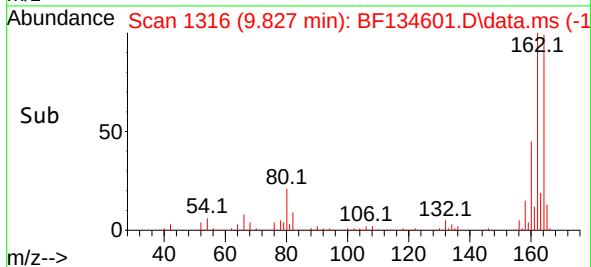
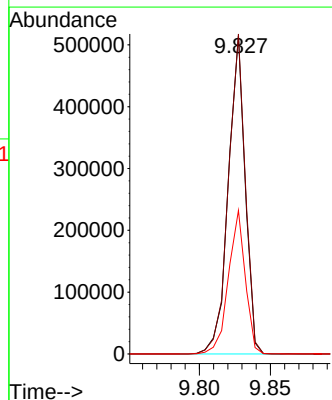
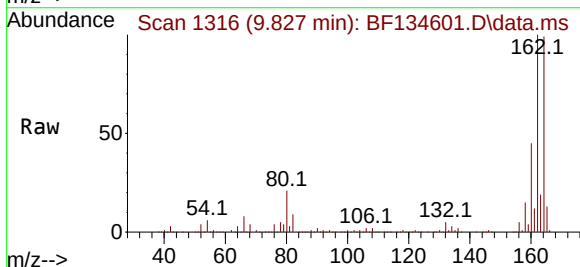
Delta R.T. 0.000 min

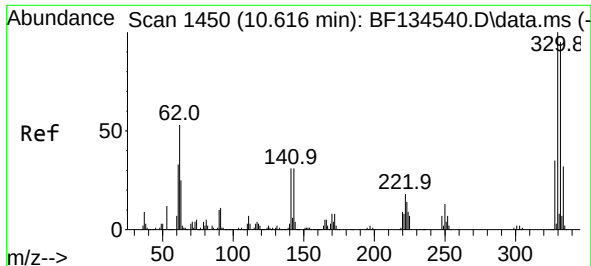
Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

Tgt Ion: 164 Resp: 424433

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.1	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 134.537 ng

RT: 10.621 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154404BL

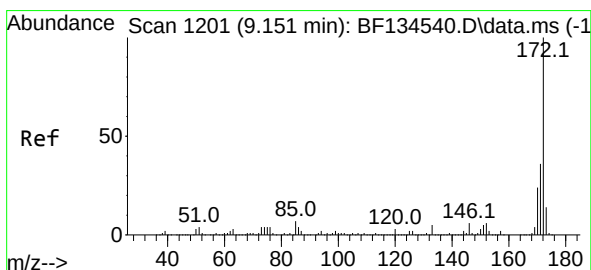
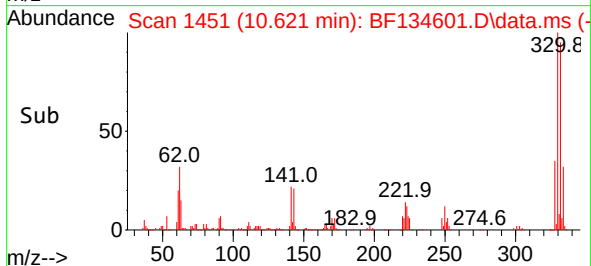
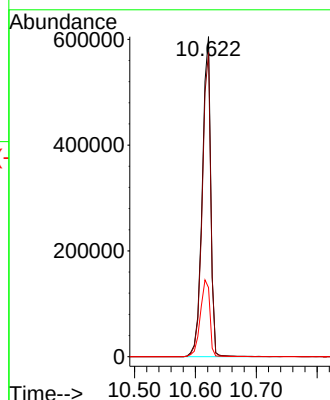
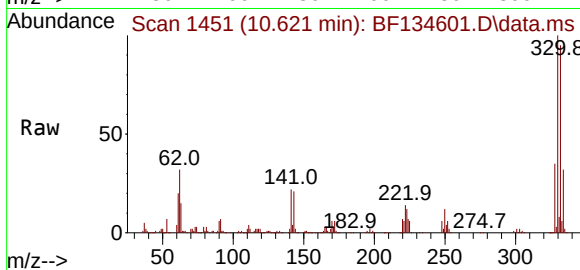
Tgt Ion:330 Resp: 582102

Ion Ratio Lower Upper

330 100

332 95.3 78.8 118.2

141 27.0 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 83.416 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134601.D

Acq: 03 Aug 2023 09:14

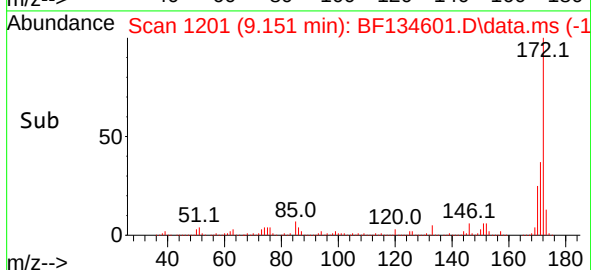
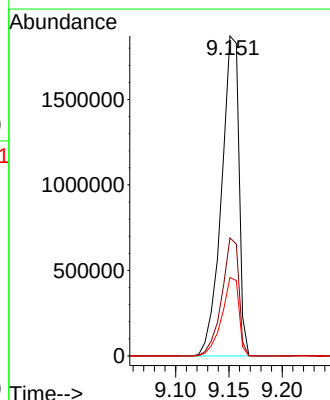
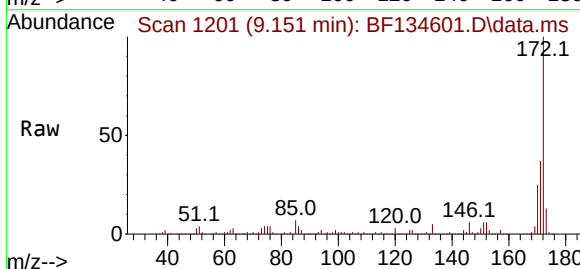
Tgt Ion:172 Resp: 2129343

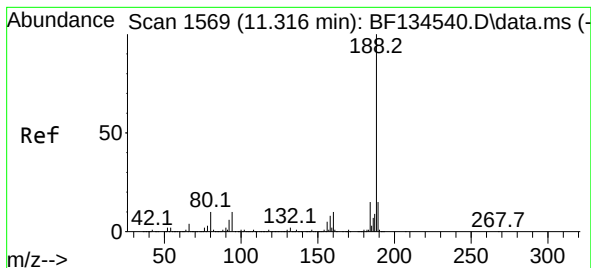
Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.5 18.7 28.1

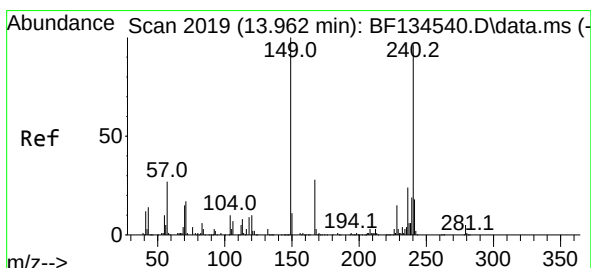
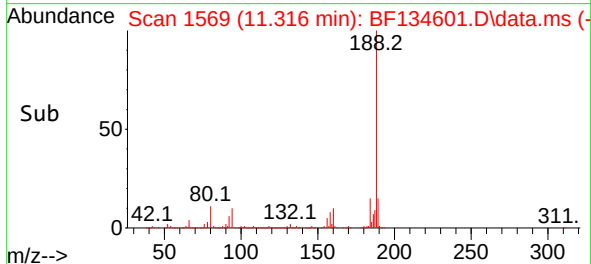
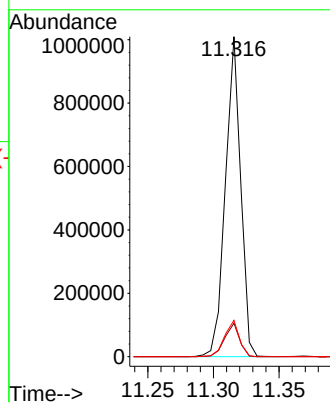
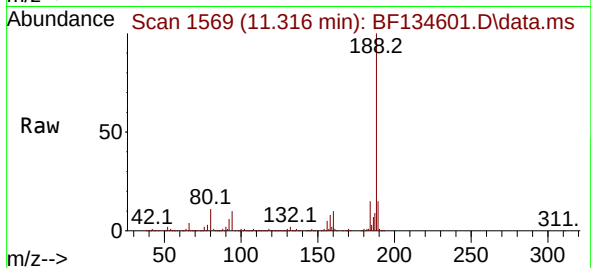




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

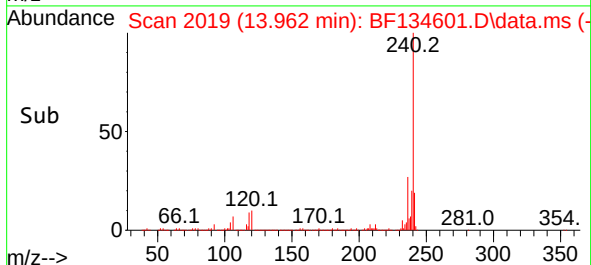
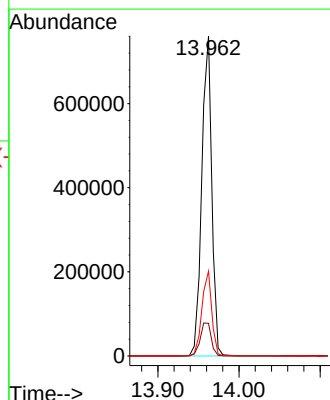
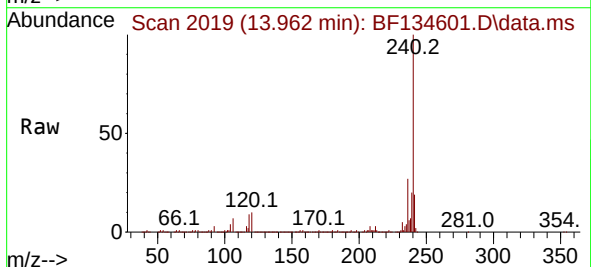
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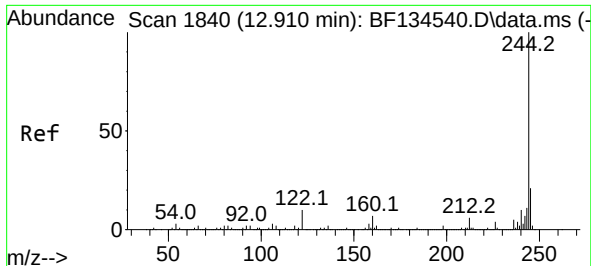
Tgt Ion:188 Resp: 815521
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 11.3 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF134601.D
Acq: 03 Aug 2023 09:14

Tgt Ion:240 Resp: 652501
Ion Ratio Lower Upper
240 100
120 10.2 6.6 10.0#
236 26.5 20.2 30.2

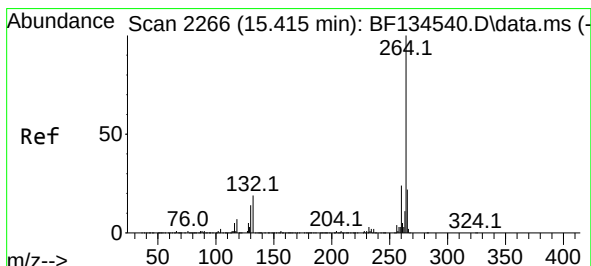
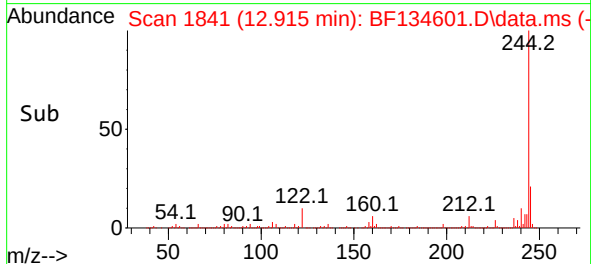
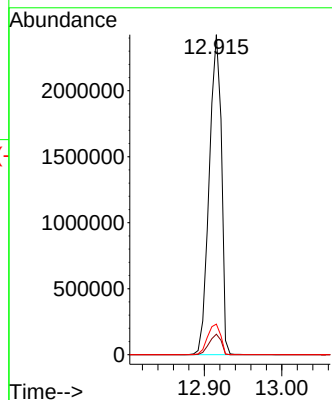
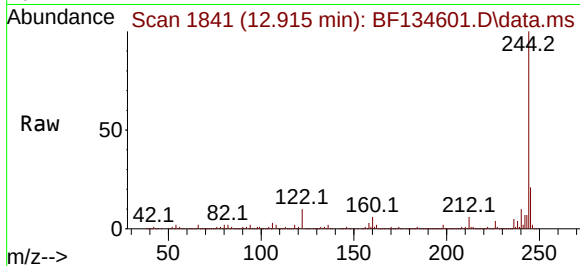




#79
 Terphenyl-d14
 Concen: 71.388 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF134601.D
 Acq: 03 Aug 2023 09:14

Instrument :
 BNA_F
 ClientSampleId :
 PB154404BL

Tgt Ion:244 Resp: 2642331
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF134601.D
 Acq: 03 Aug 2023 09:14

Tgt Ion:264 Resp: 660659
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.3 15.8 23.8

