

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134794.D
 Acq On : 15 Aug 2023 20:30
 Operator : CG\JU
 Sample : 04011-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081423

Quant Time: Aug 16 03:13:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152388	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	586397	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	284792	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	436338	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	334188	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	245789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	74828	7.464	ng	-0.01
7) Phenol-d6	6.422	99	90635	7.073	ng	-0.02
23) Nitrobenzene-d5	7.351	82	52235	5.567	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	22435	7.728	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	121424	7.089	ng	-0.01
79) Terphenyl-d14	12.910	244	108274	5.712	ng	-0.01

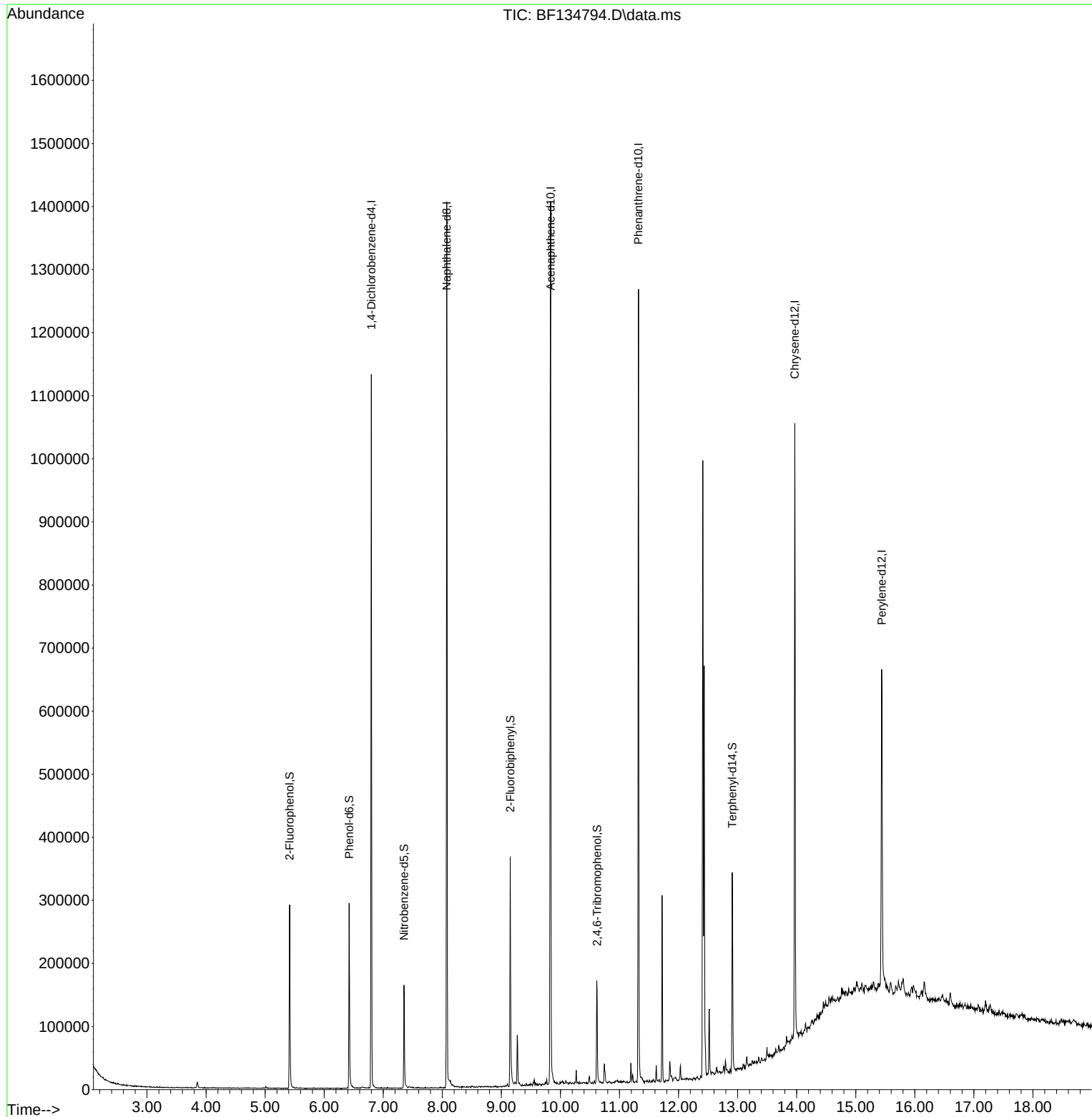
Target Compounds	Qvalue

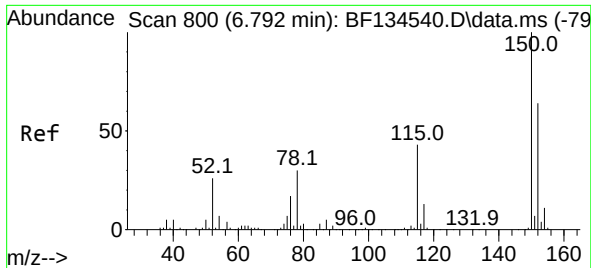
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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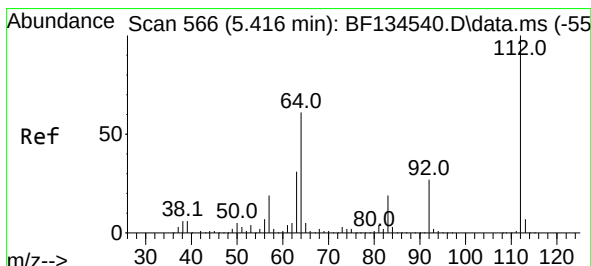
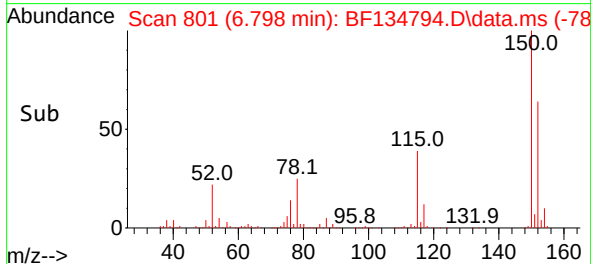
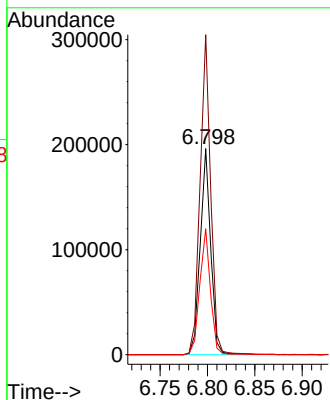
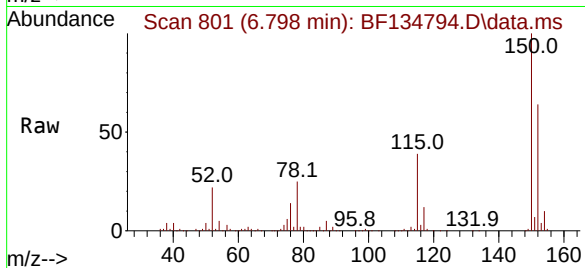




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

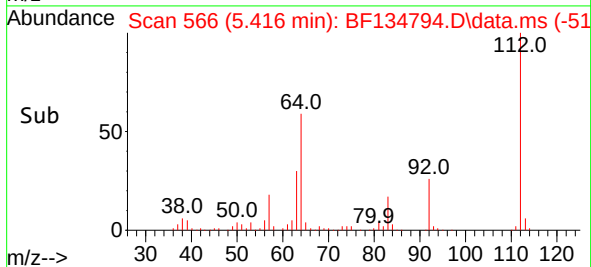
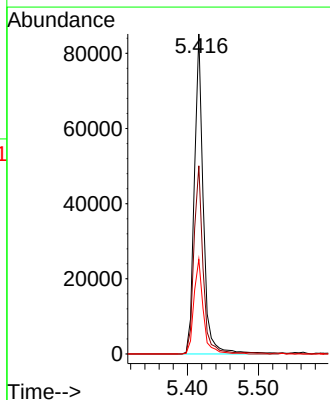
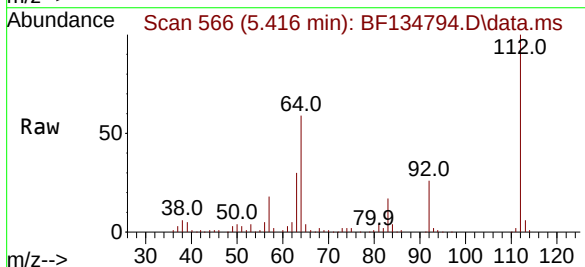
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

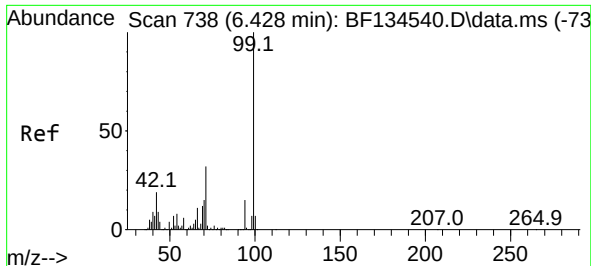
Tgt Ion:152 Resp: 152388
Ion Ratio Lower Upper
152 100
150 155.3 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 7.464 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion:112 Resp: 74828
Ion Ratio Lower Upper
112 100
64 58.8 44.9 67.3
63 29.6 25.4 38.0





#7

Phenol-d6

Concen: 7.073 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF134794.D

Acq: 15 Aug 2023 20:30

Instrument :

BNA_F

ClientSampleId :

SU-03-081423

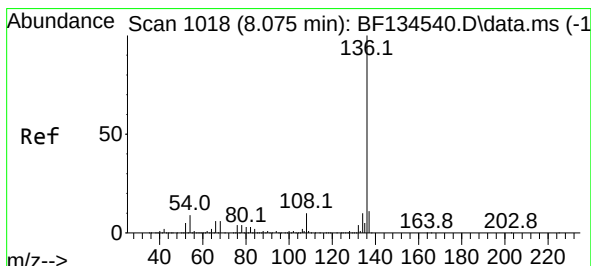
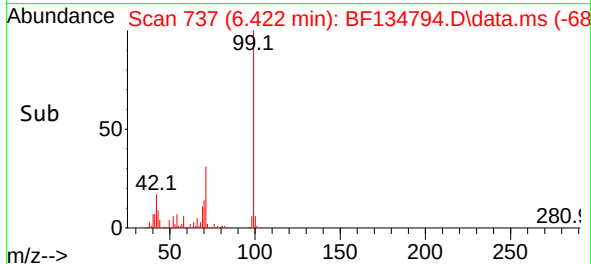
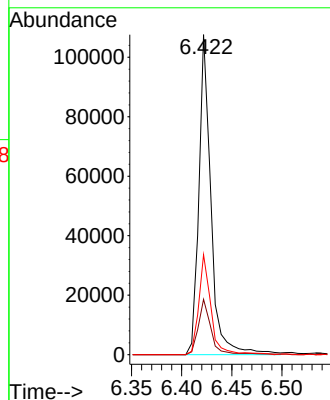
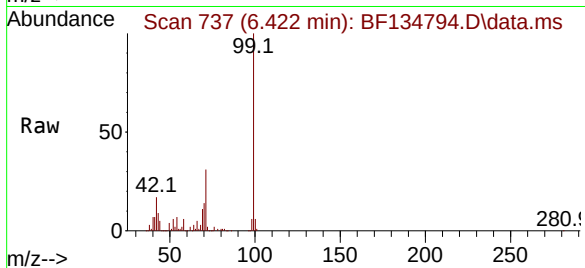
Tgt Ion: 99 Resp: 90635

Ion Ratio Lower Upper

99 100

42 17.3 18.7 28.1#

71 31.3 36.4 54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134794.D

Acq: 15 Aug 2023 20:30

Tgt Ion: 136 Resp: 586397

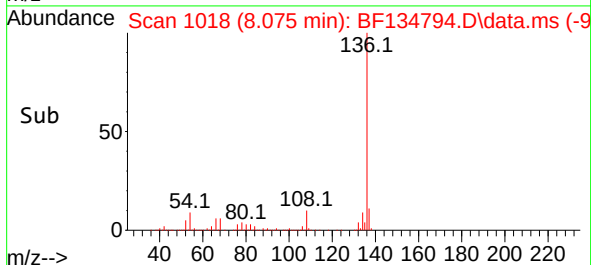
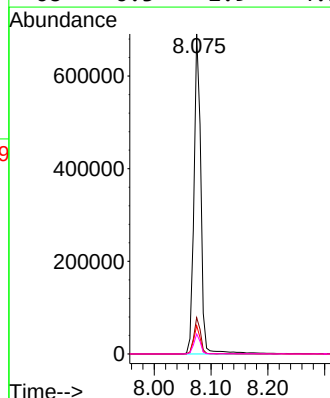
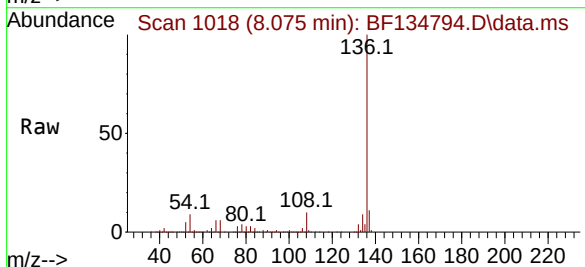
Ion Ratio Lower Upper

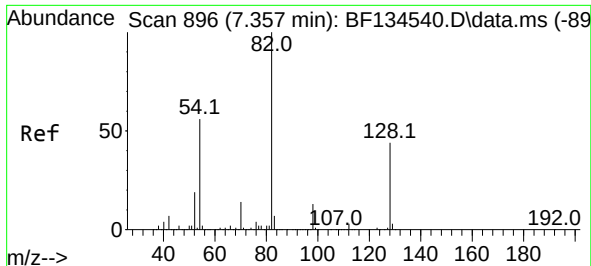
136 100

137 11.3 8.4 12.6

54 8.9 5.2 7.8#

68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 5.567 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134794.D

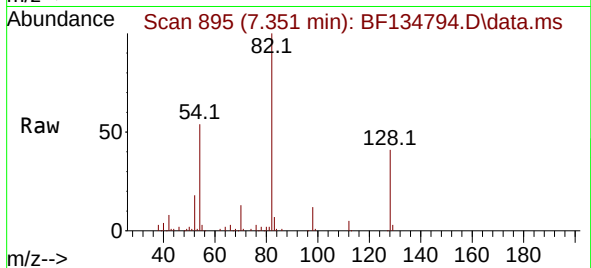
Acq: 15 Aug 2023 20:30

Instrument :

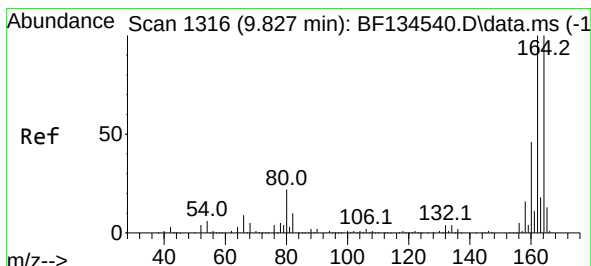
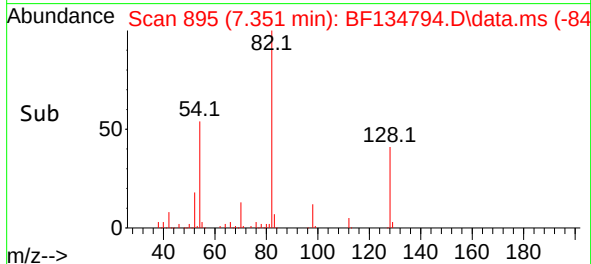
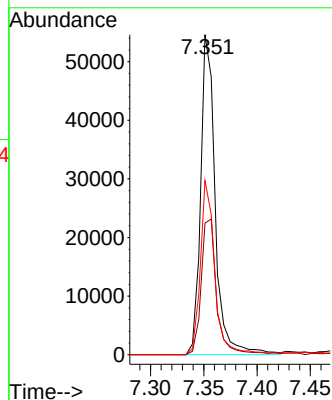
BNA_F

ClientSampleId :

SU-03-081423



Tgt Ion:	82	Resp:	52235
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.3	51.5
54	54.4	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

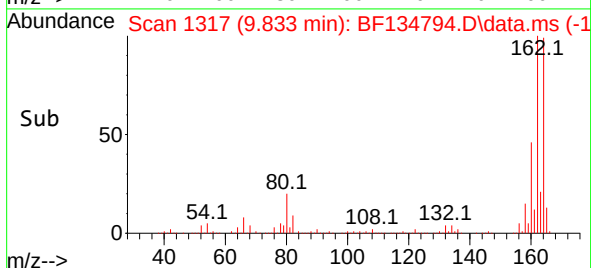
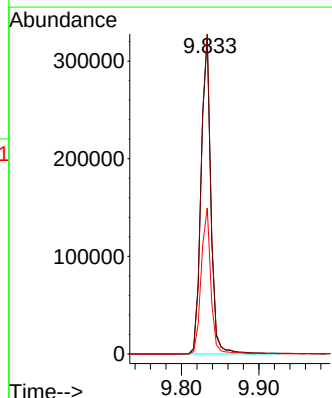
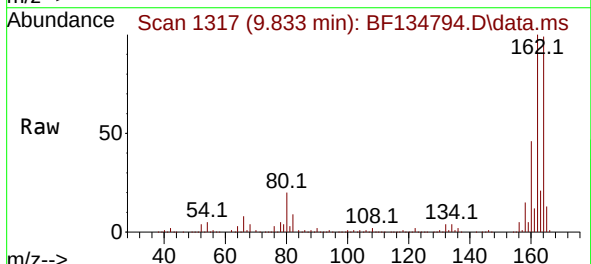
RT: 9.833 min Scan# 1317

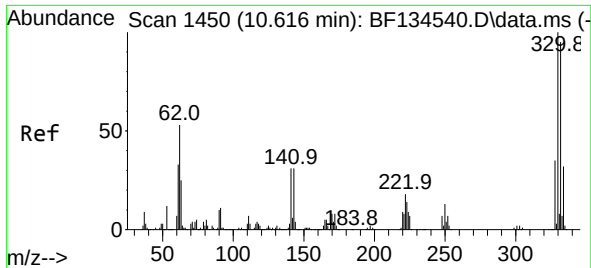
Delta R.T. -0.000 min

Lab File: BF134794.D

Acq: 15 Aug 2023 20:30

Tgt Ion:	164	Resp:	284792
Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	46.1	37.2	55.8

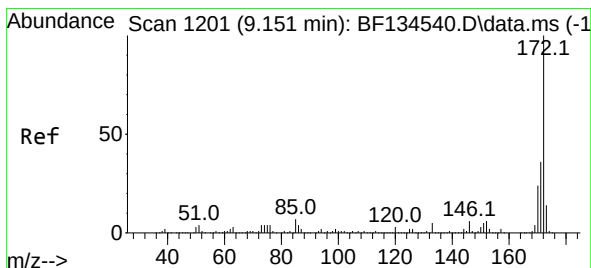
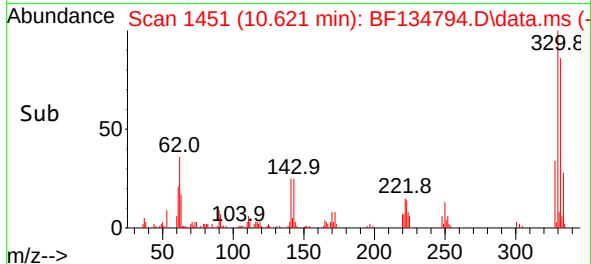
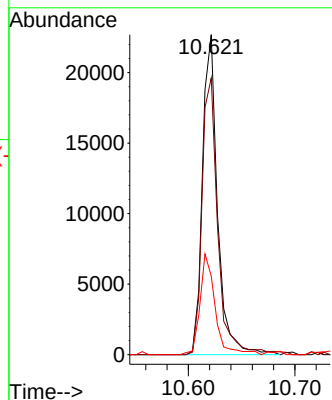
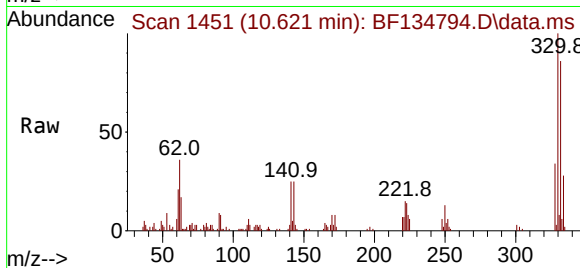




#42
2,4,6-Tribromophenol
Concen: 7.728 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

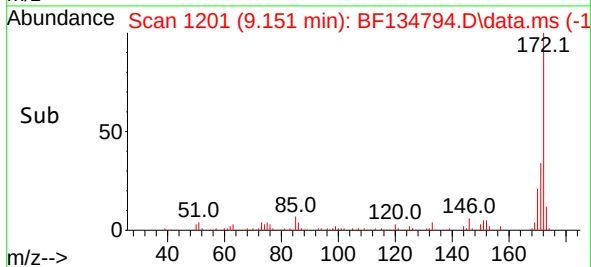
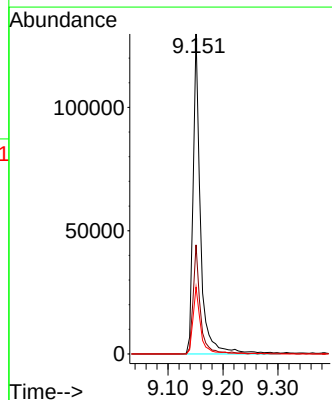
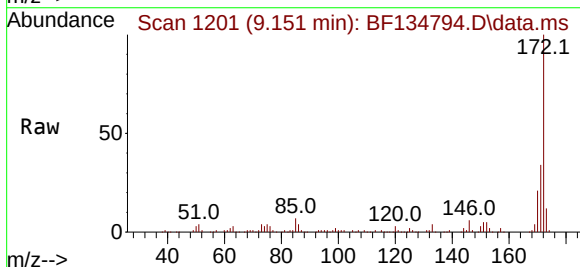
Instrument :
BNA_F
ClientSampleId :
SU-03-081423

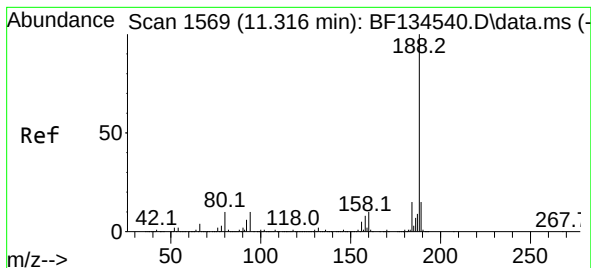
Tgt Ion	330	Resp	22435
Ion Ratio	Lower	Upper	
330	100		
332	90.6	78.8	118.2
141	31.5	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 7.089 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134794.D
Acq: 15 Aug 2023 20:30

Tgt Ion	172	Resp	121424
Ion Ratio	Lower	Upper	
172	100		
171	34.1	28.8	43.2
170	20.9	18.7	28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134794.D

Acq: 15 Aug 2023 20:30

Instrument :

BNA_F

ClientSampleId :

SU-03-081423

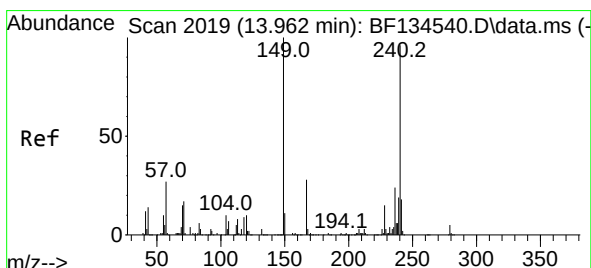
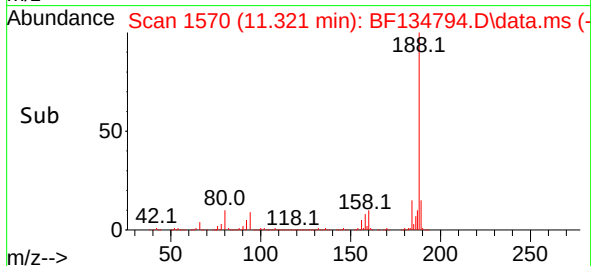
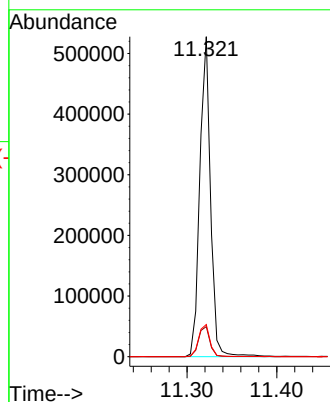
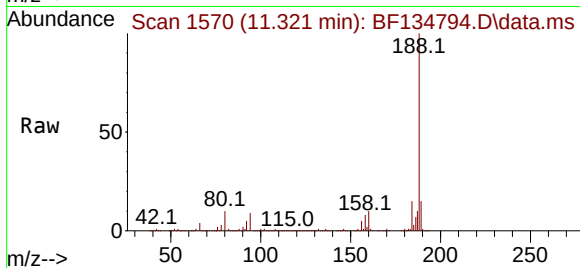
Tgt Ion:188 Resp: 436338

Ion Ratio Lower Upper

188 100

94 9.4 5.1 7.7#

80 10.1 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134794.D

Acq: 15 Aug 2023 20:30

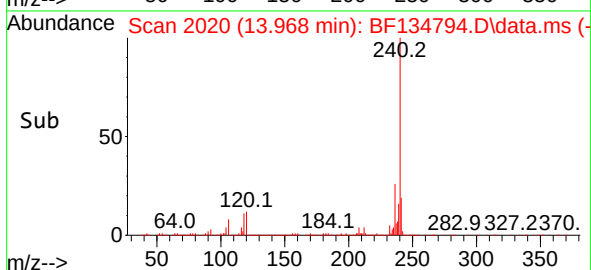
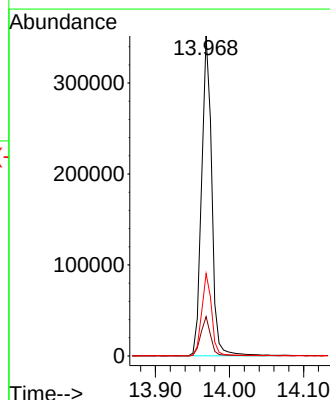
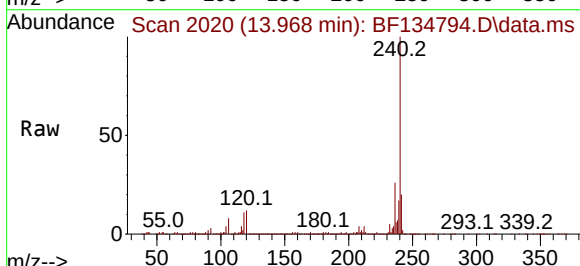
Tgt Ion:240 Resp: 334188

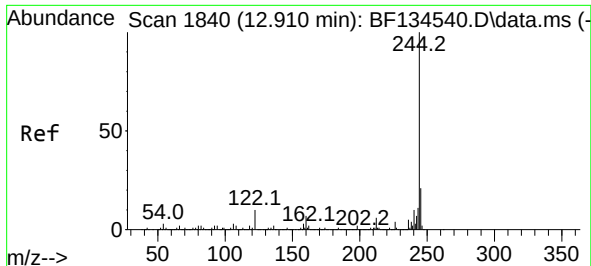
Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 25.7 20.2 30.2

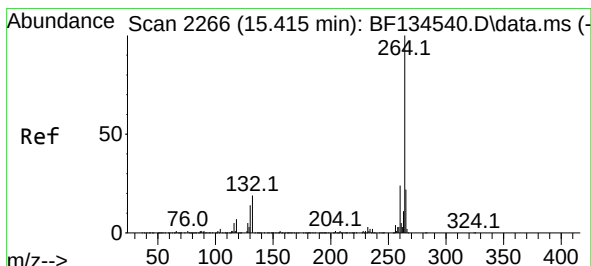
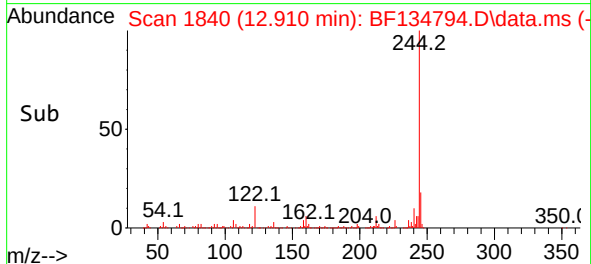
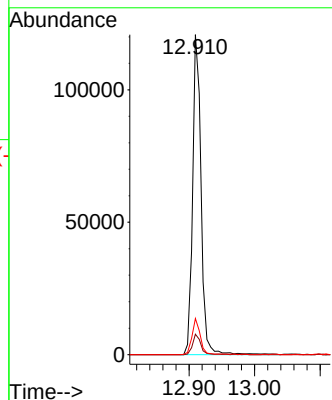
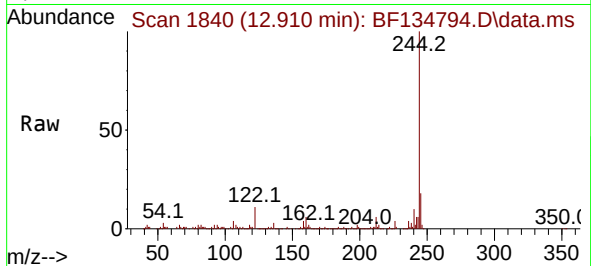




#79
 Terphenyl-d14
 Concen: 5.712 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134794.D
 Acq: 15 Aug 2023 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081423

Tgt Ion:244 Resp: 108274
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF134794.D
 Acq: 15 Aug 2023 20:30

Tgt Ion:264 Resp: 245789
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.9 15.8 23.8

