

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135032.D
 Acq On : 31 Aug 2023 06:04
 Operator : CG\JU
 Sample : 04183-05 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-082523

Quant Time: Aug 31 07:04:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

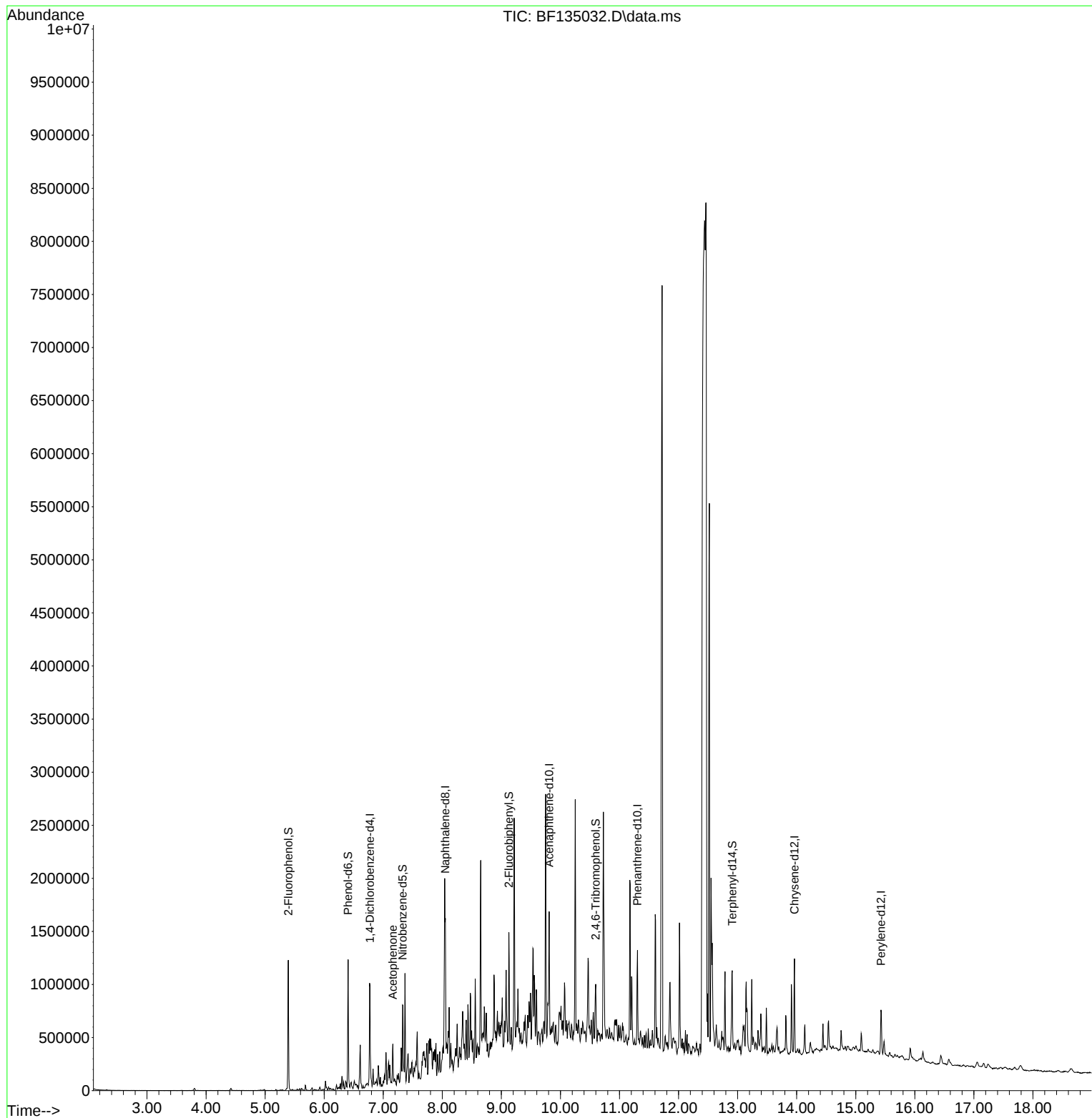
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	141405	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	490740	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	200704	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	316964	20.000	ng	0.00
76) Chrysene-d12	13.962	240	286321	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	211473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	300154	32.787	ng	0.00
7) Phenol-d6	6.404	99	350121	30.683	ng	-0.01
23) Nitrobenzene-d5	7.328	82	202645	23.199	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	55576	26.104	ng	-0.01
45) 2-Fluorobiphenyl	9.127	172	308674	25.040	ng	-0.01
79) Terphenyl-d14	12.910	244	269012	15.332	ng	0.00
Target Compounds						
22) Acetophenone	7.163	105	37619	3.446	ng	# 44

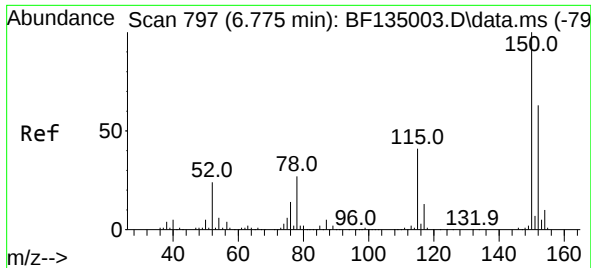
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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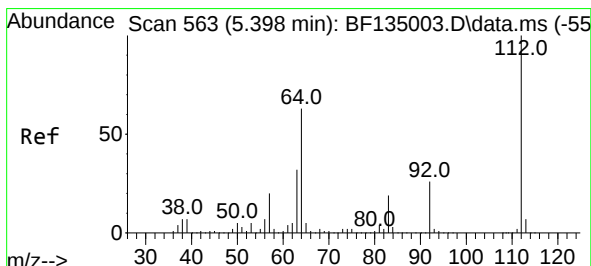
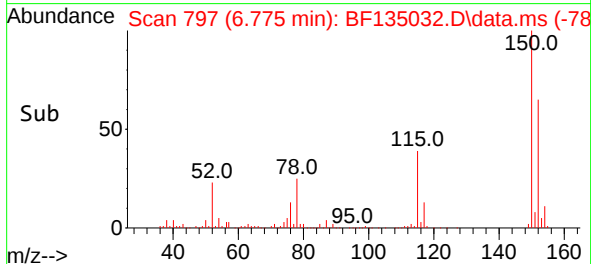
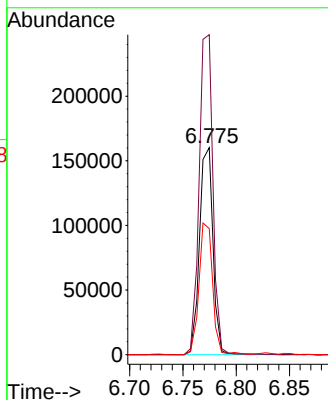
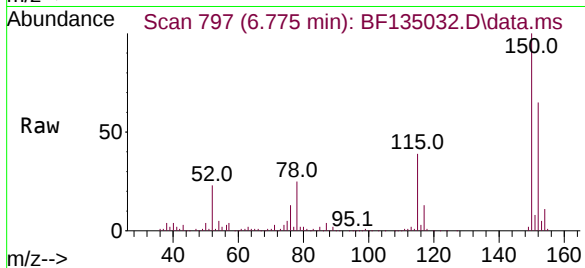




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

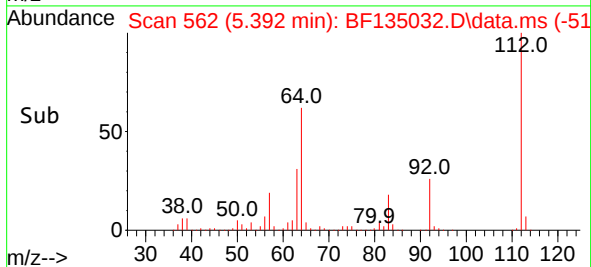
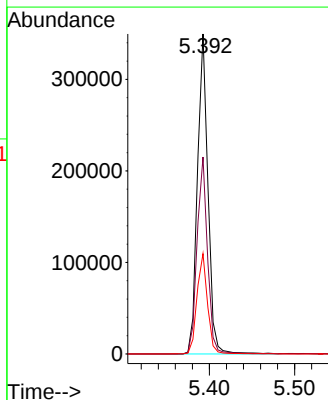
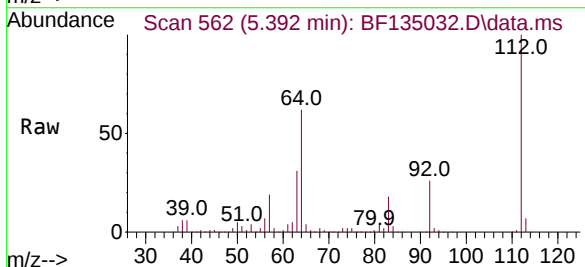
Instrument :
BNA_F
ClientSampleId :
HR-04-082523

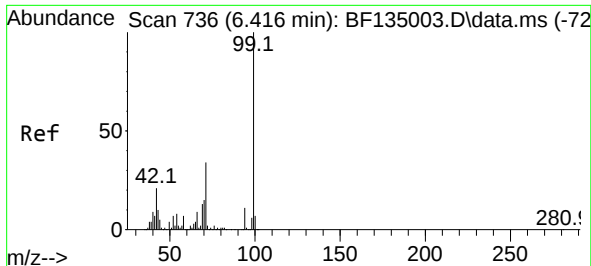
Tgt Ion:152 Resp: 141405
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.4
115 60.9 51.2 76.8



#5
2-Fluorophenol
Concen: 32.787 ng
RT: 5.392 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

Tgt Ion:112 Resp: 300154
Ion Ratio Lower Upper
112 100
64 61.6 50.5 75.7
63 31.3 25.9 38.9





#7

Phenol-d6

Concen: 30.683 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Instrument :

BNA_F

ClientSampleId :

HR-04-082523

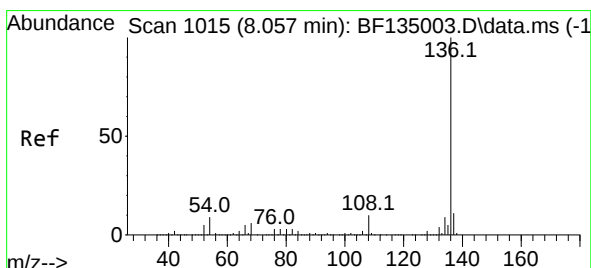
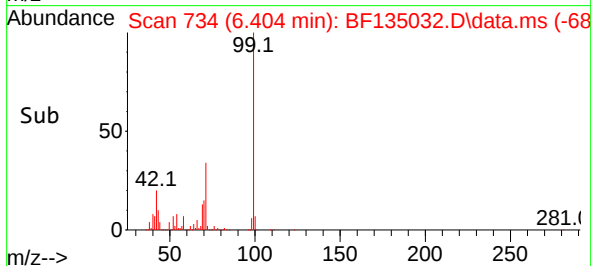
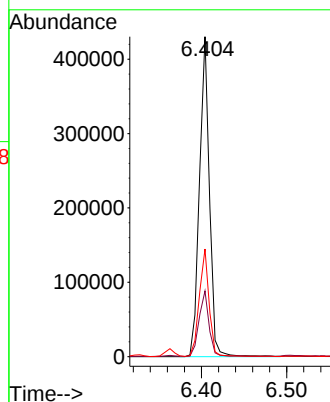
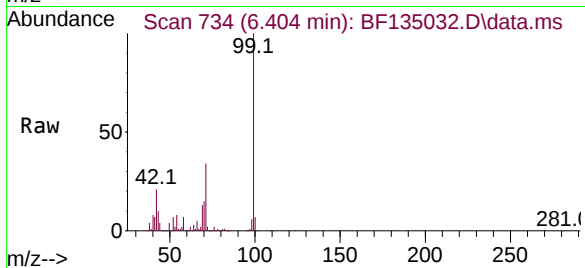
Tgt Ion: 99 Resp: 350121

Ion Ratio Lower Upper

99 100

42 20.5 16.6 25.0

71 33.7 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Tgt Ion:136 Resp: 490740

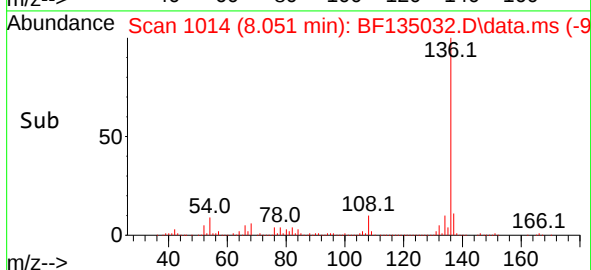
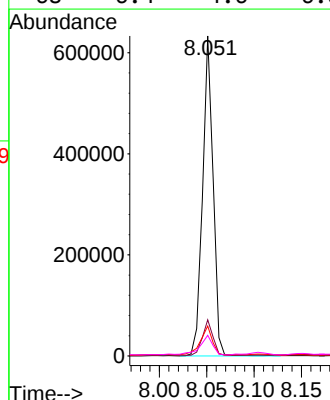
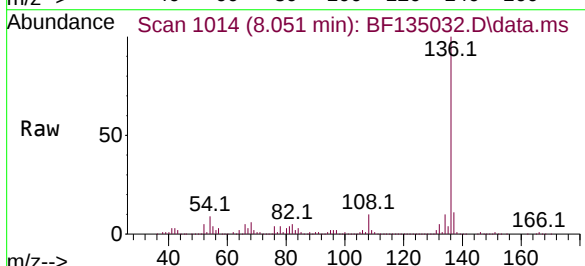
Ion Ratio Lower Upper

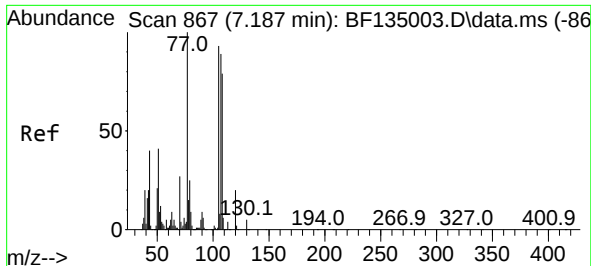
136 100

137 11.3 8.8 13.2

54 9.4 7.0 10.4

68 6.4 4.6 6.8

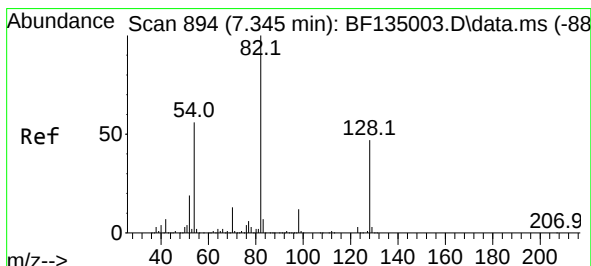
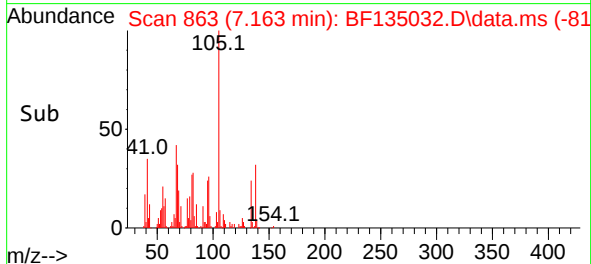
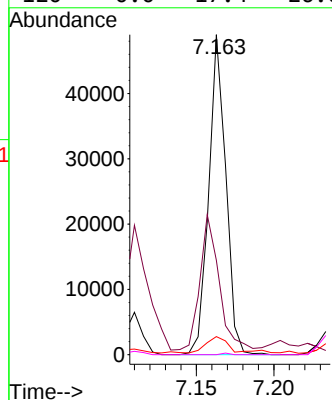
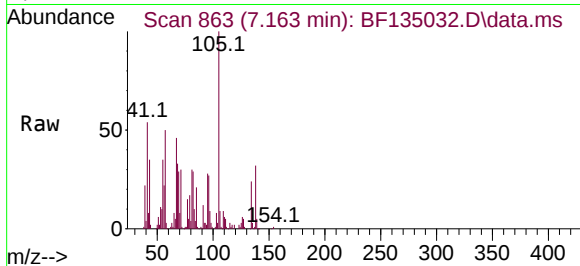




#22
Acetophenone
Concen: 3.446 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

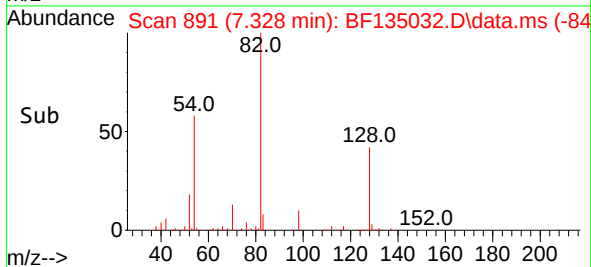
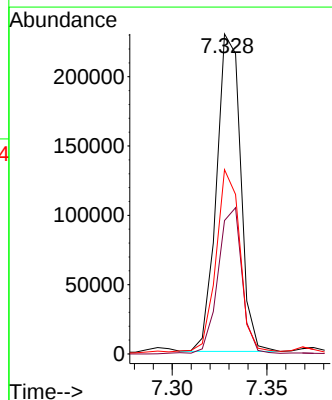
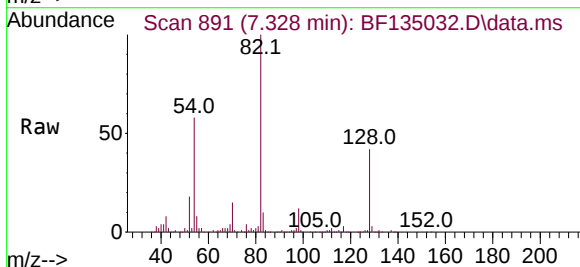
Instrument :
BNA_F
ClientSampleId :
HR-04-082523

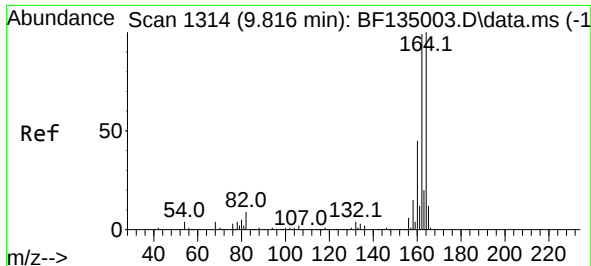
Tgt Ion:105 Resp: 37619
Ion Ratio Lower Upper
105 100
71 29.5 3.8 5.6#
51 5.7 35.0 52.6#
120 0.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 23.199 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

Tgt Ion: 82 Resp: 202645
Ion Ratio Lower Upper
82 100
128 41.7 37.8 56.8
54 57.6 45.0 67.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Instrument :

BNA_F

ClientSampleId :

HR-04-082523

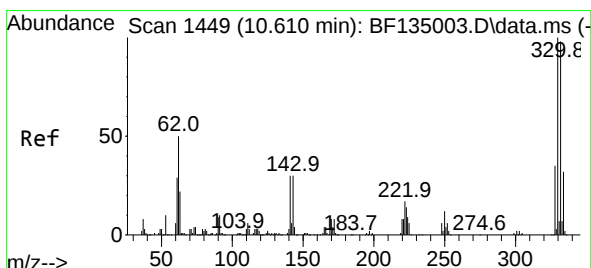
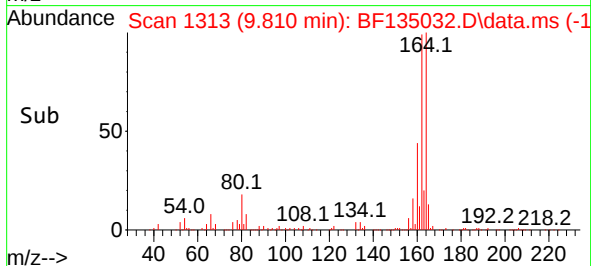
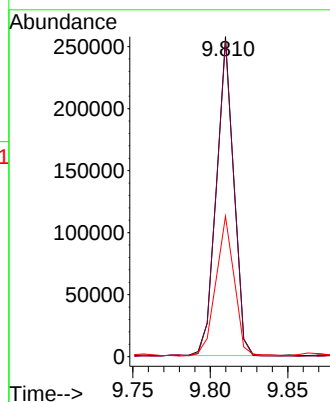
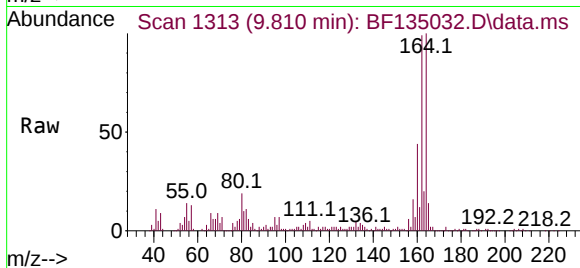
Tgt Ion:164 Resp: 200704

Ion Ratio Lower Upper

164 100

162 98.7 79.5 119.3

160 43.9 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 26.104 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

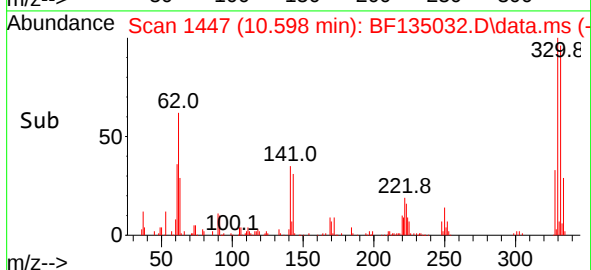
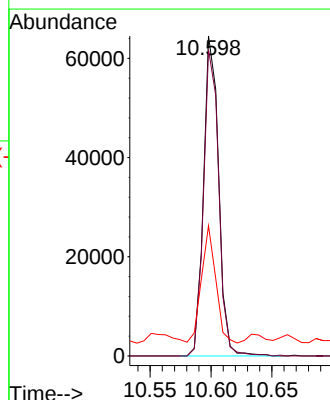
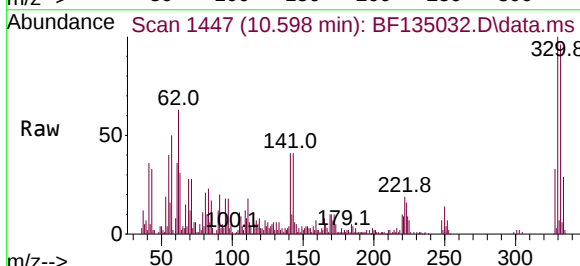
Tgt Ion:330 Resp: 55576

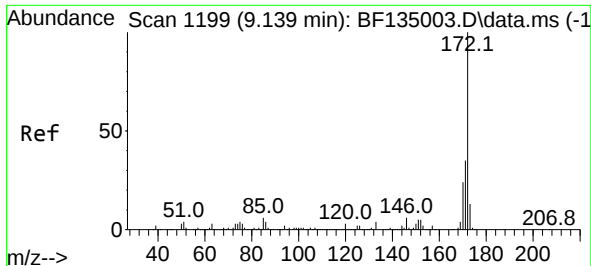
Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 34.5 26.3 39.5

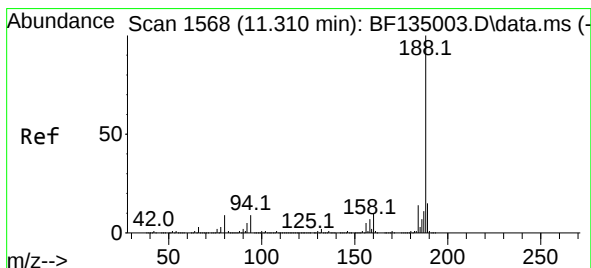
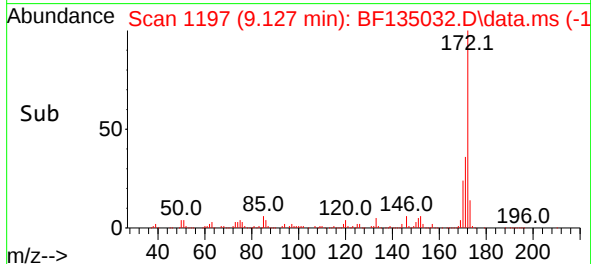
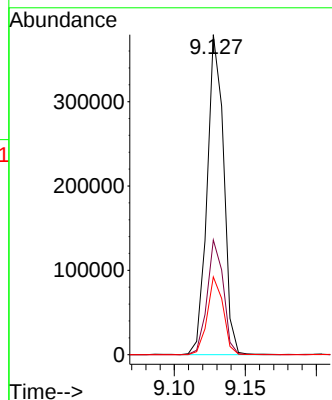
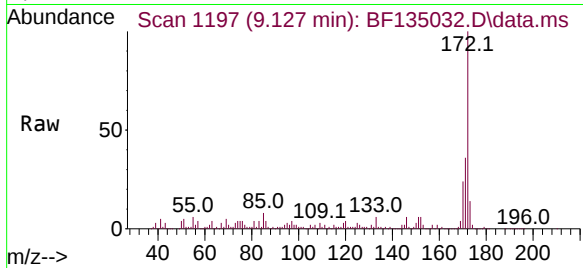




#45
2-Fluorobiphenyl
Concen: 25.040 ng
RT: 9.127 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

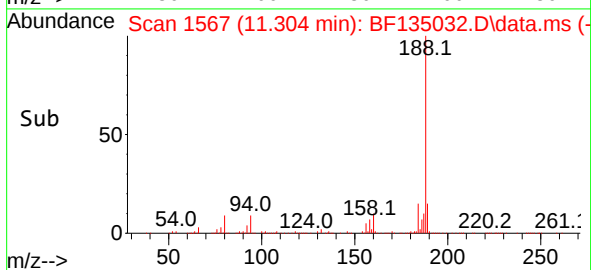
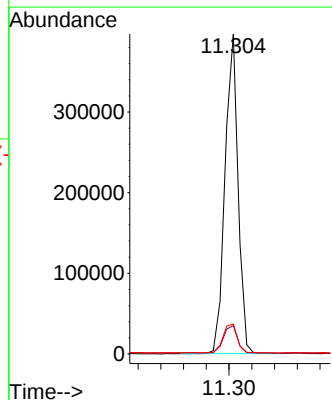
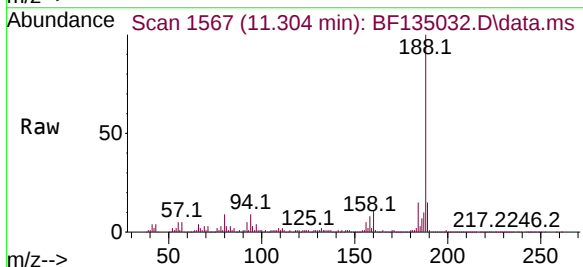
Instrument :
BNA_F
ClientSampleId :
HR-04-082523

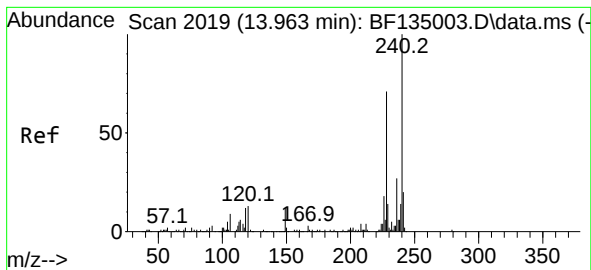
Tgt Ion:172 Resp: 308674
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 24.3 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

Tgt Ion:188 Resp: 316964
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.4 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

Instrument :

BNA_F

ClientSampleId :

HR-04-082523

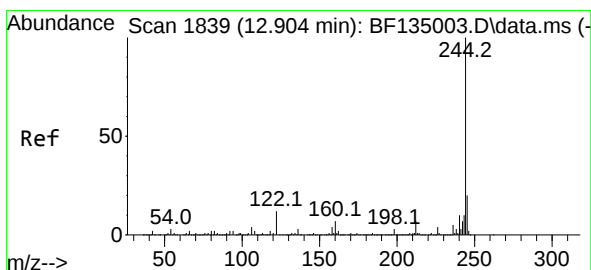
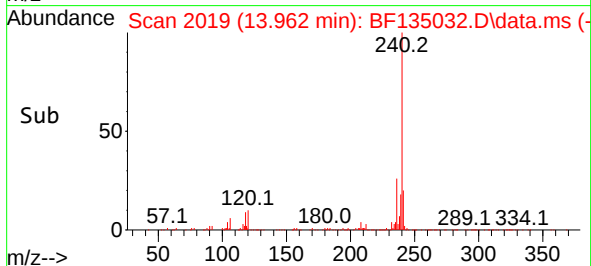
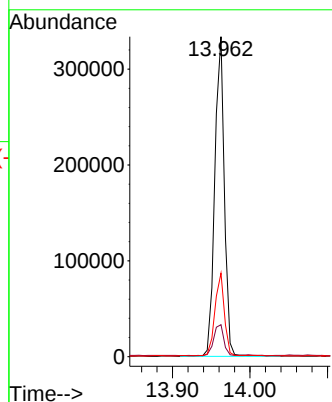
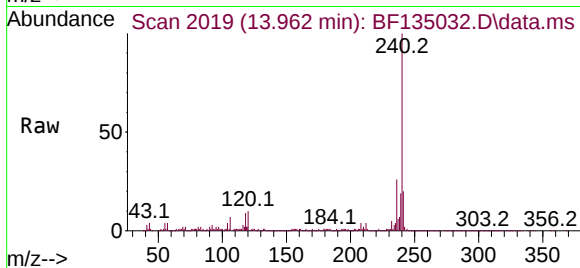
Tgt Ion:240 Resp: 286321

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.2#

236 26.1 21.3 31.9



#79

Terphenyl-d14

Concen: 15.332 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF135032.D

Acq: 31 Aug 2023 06:04

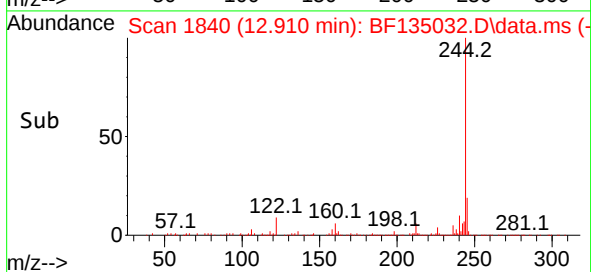
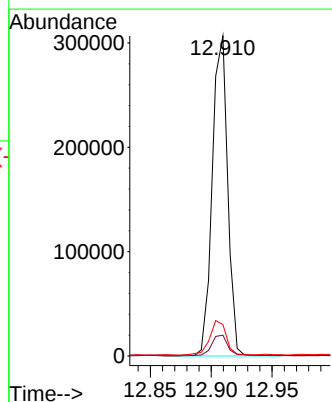
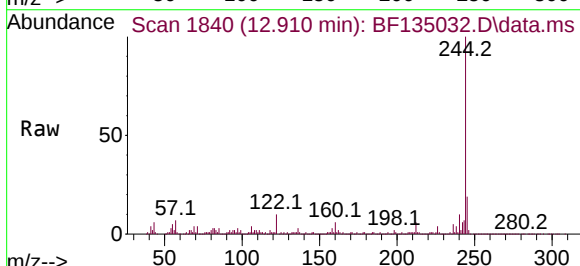
Tgt Ion:244 Resp: 269012

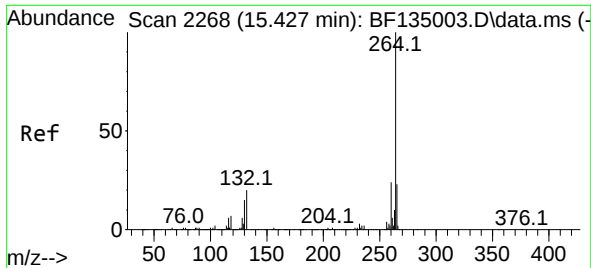
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

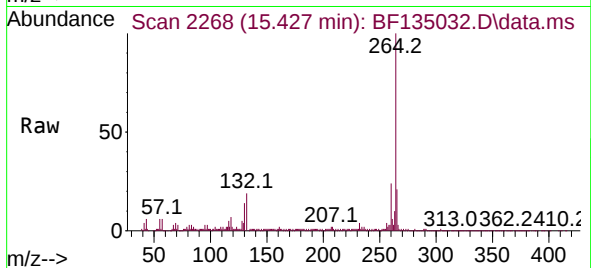
122 9.8 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135032.D
Acq: 31 Aug 2023 06:04

Instrument :
BNA_F
ClientSampleId :
HR-04-082523



Tgt Ion:264 Resp: 211473

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.1	18.2	27.2

