

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135546.D
 Acq On : 03 Oct 2023 17:27
 Operator : CG\JU
 Sample : 04666-01 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Quant Time: Oct 03 19:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

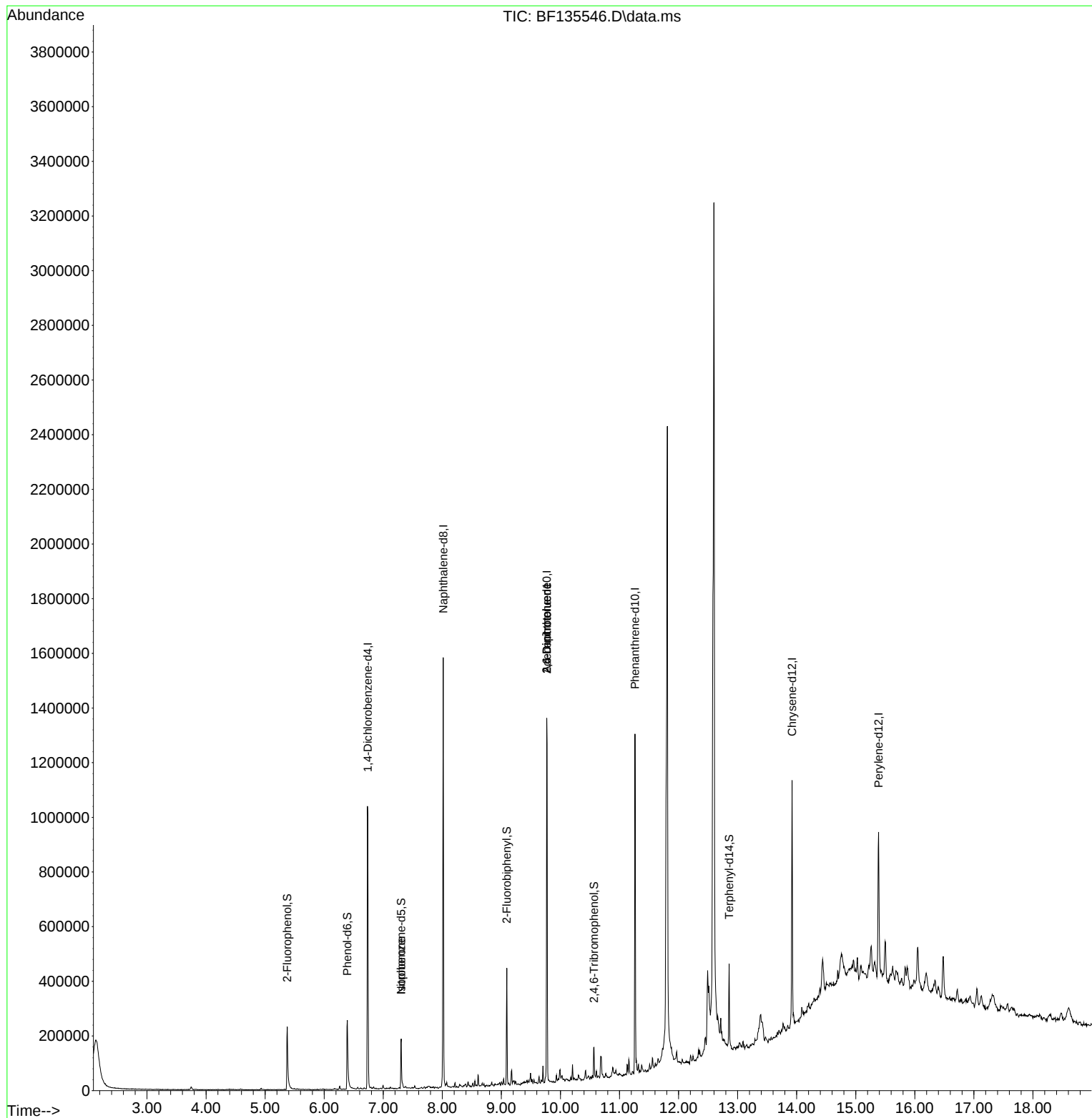
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	165646	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	610803	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	269899	20.000	ng	-0.02
64) Phenanthrene-d10	11.263	188	427783	20.000	ng	#-0.01
76) Chrysene-d12	13.921	240	288647	20.000	ng	-0.01
86) Perylene-d12	15.386	264	240747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	87867	8.627	ng	0.00
7) Phenol-d6	6.392	99	111388	8.601	ng	-0.01
23) Nitrobenzene-d5	7.304	82	63779	5.673	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	12768	4.760	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	116783	6.528	ng	-0.02
79) Terphenyl-d14	12.857	244	88790	4.769	ng	-0.02
Target Compounds						
						Qvalue
25) Isophorone	7.304	82	63779	3.089	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	36989	9.253	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	36989	7.391	ng	# 19

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

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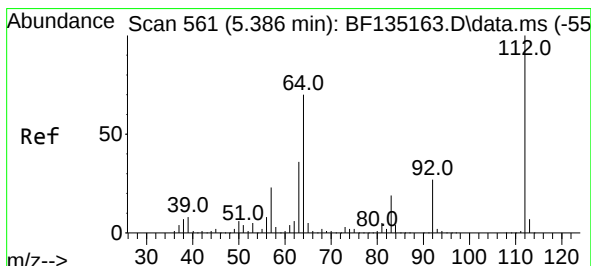
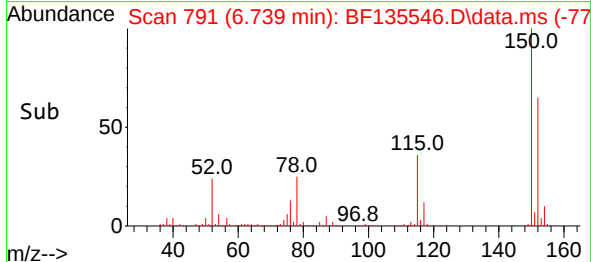
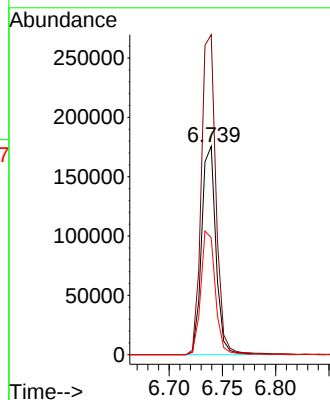
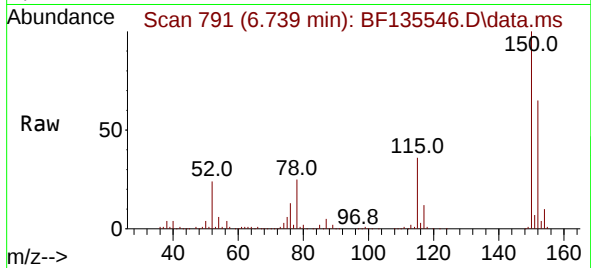




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. -0.012 min
 Lab File: BF135546.D
 Acq: 03 Oct 2023 17:27

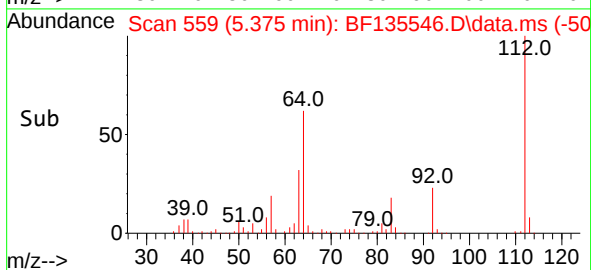
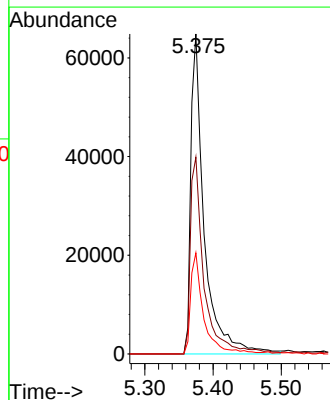
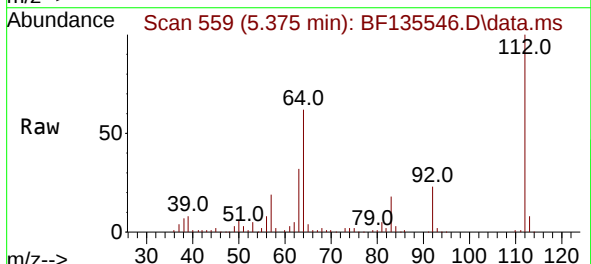
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

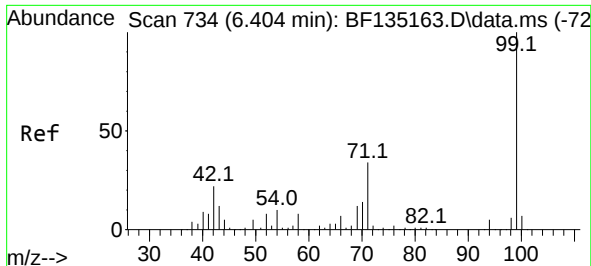
Tgt Ion:152 Resp: 165646
 Ion Ratio Lower Upper
 152 100
 150 153.6 127.8 191.6
 115 56.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 8.627 ng
 RT: 5.375 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: BF135546.D
 Acq: 03 Oct 2023 17:27

Tgt Ion:112 Resp: 87867
 Ion Ratio Lower Upper
 112 100
 64 61.5 55.9 83.9
 63 31.6 29.0 43.6

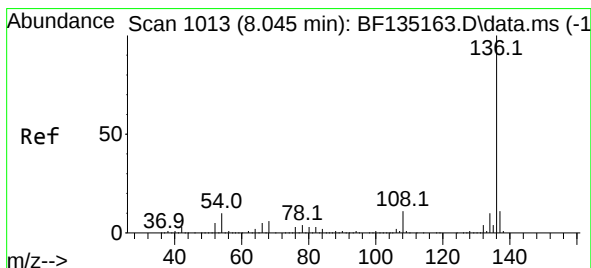
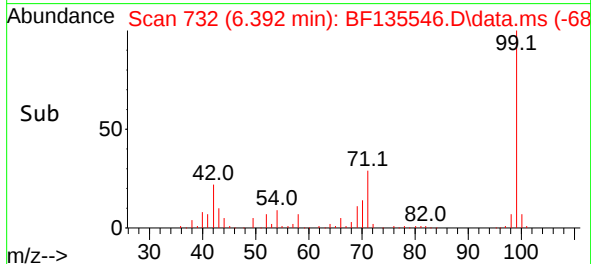
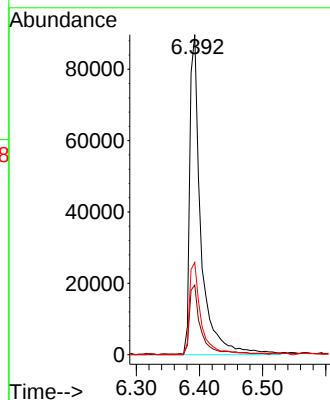
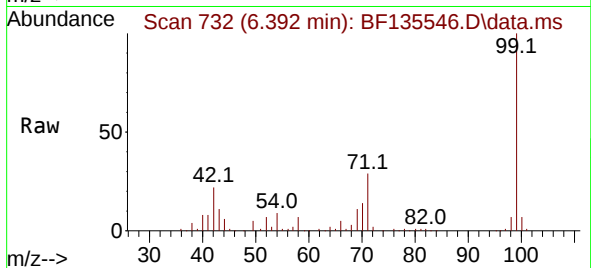




#7
Phenol-d6
Concen: 8.601 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

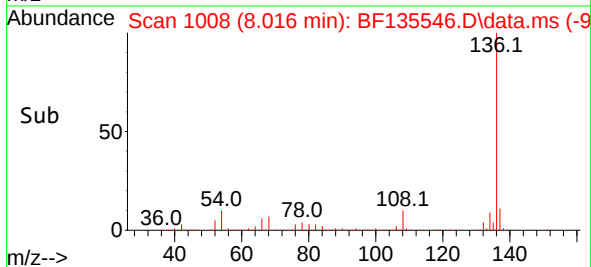
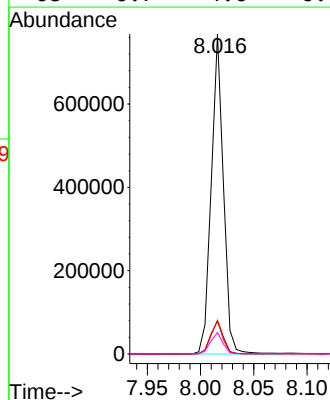
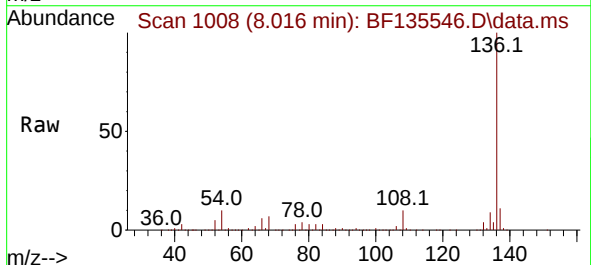
Instrument :
BNA_F
ClientSampleId :
VNJ-201

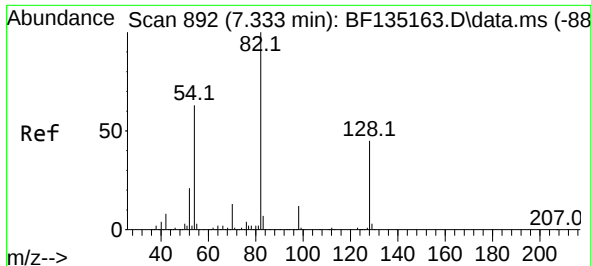
Tgt Ion: 99 Resp: 111388
Ion Ratio Lower Upper
99 100
42 21.7 17.9 26.9
71 28.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

Tgt Ion: 136 Resp: 610803
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.3 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 5.673 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.018 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

VNJ-201

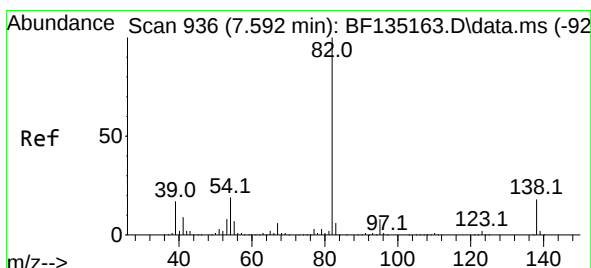
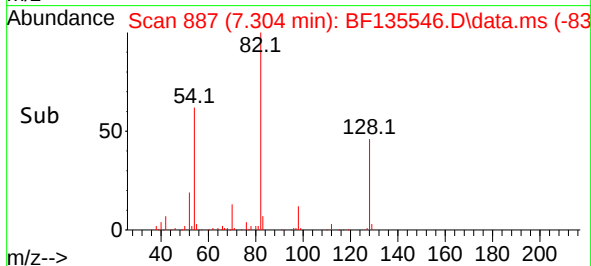
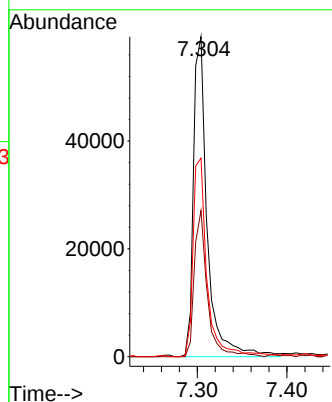
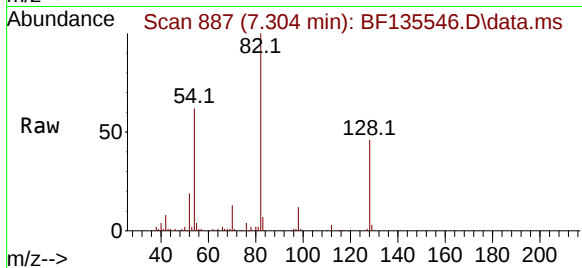
Tgt Ion: 82 Resp: 63779

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 62.1 50.6 76.0



#25

Isophorone

Concen: 3.089 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.271 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

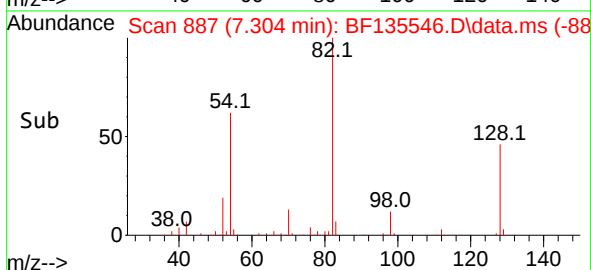
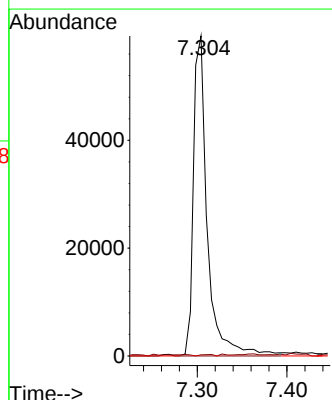
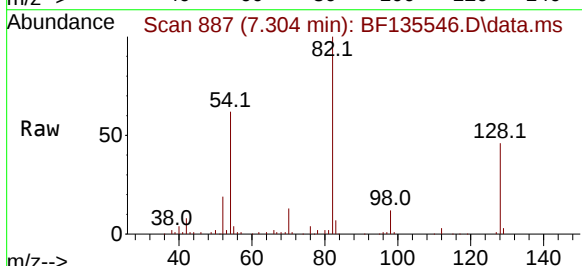
Tgt Ion: 82 Resp: 63779

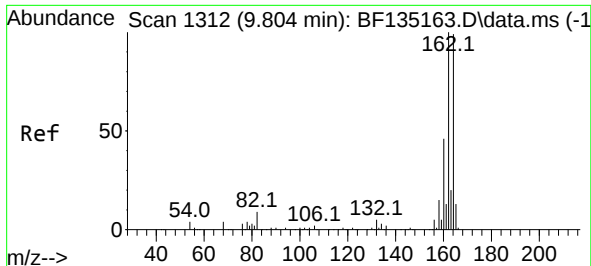
Ion Ratio Lower Upper

82 100

95 0.4 6.0 9.0#

138 0.0 14.5 21.7#

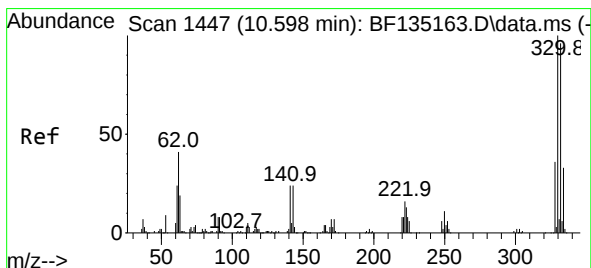
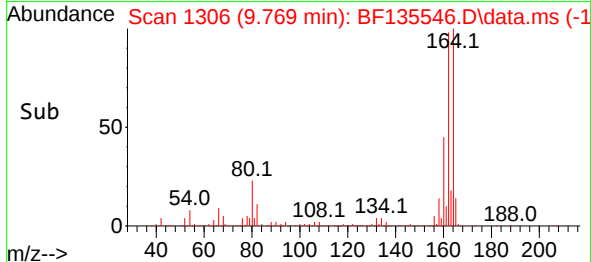
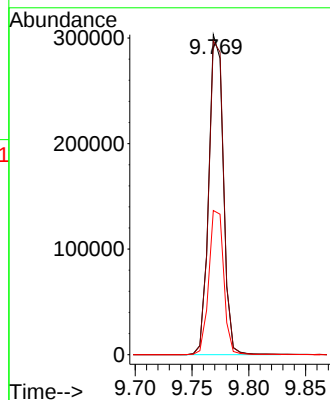
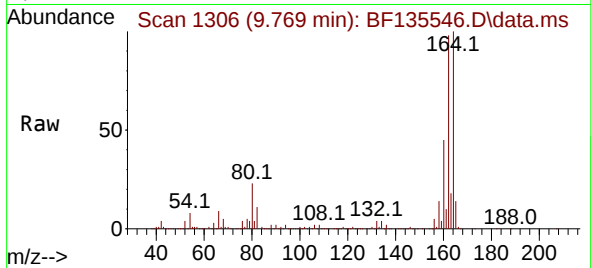




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1312
Delta R.T. -0.018 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

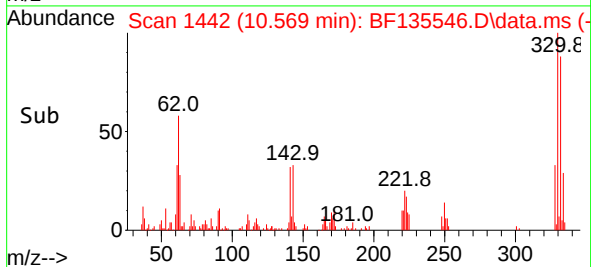
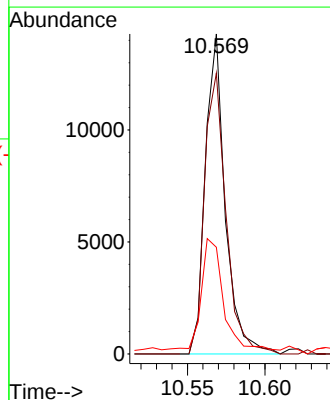
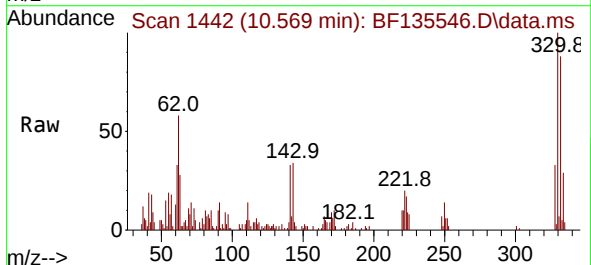
Instrument :
BNA_F
ClientSampleId :
VNJ-201

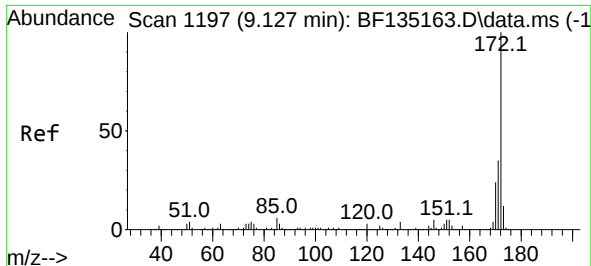
Tgt Ion:164 Resp: 269899
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.4
160 45.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 4.760 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

Tgt Ion:330 Resp: 12768
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 39.4 25.8 38.8#





#45

2-Fluorobiphenyl

Concen: 6.528 ng

RT: 9.092 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

VNJ-201

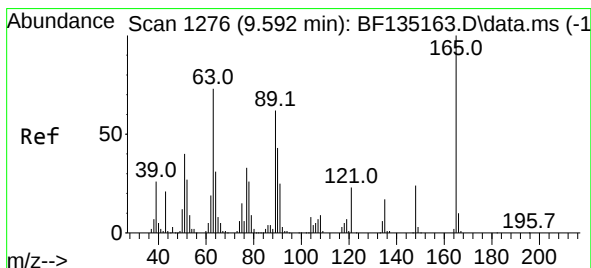
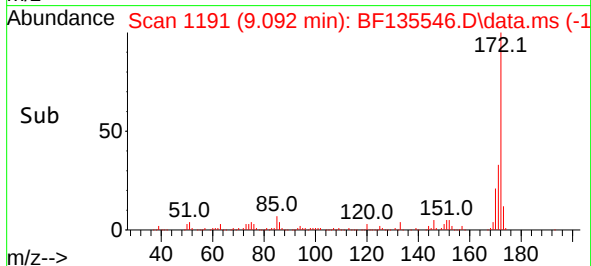
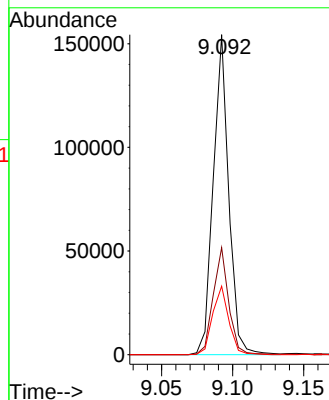
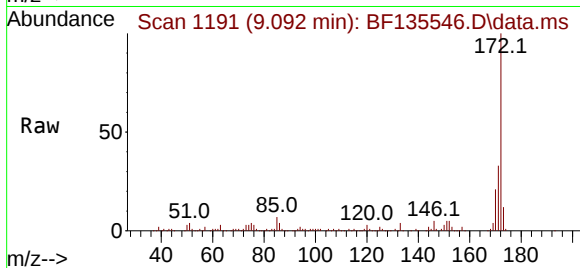
Tgt Ion:172 Resp: 116783

Ion Ratio Lower Upper

172 100

171 33.5 28.4 42.6

170 21.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 9.253 ng

RT: 9.769 min Scan# 1306

Delta R.T. 0.182 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

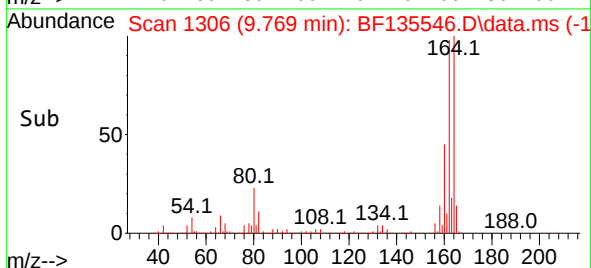
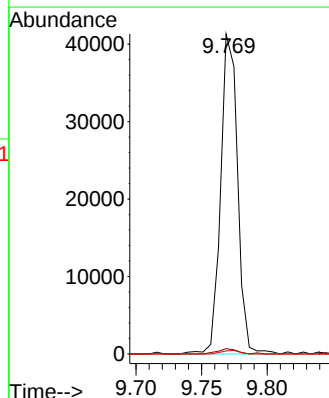
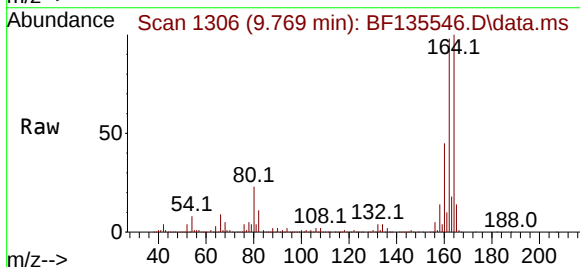
Tgt Ion:165 Resp: 36989

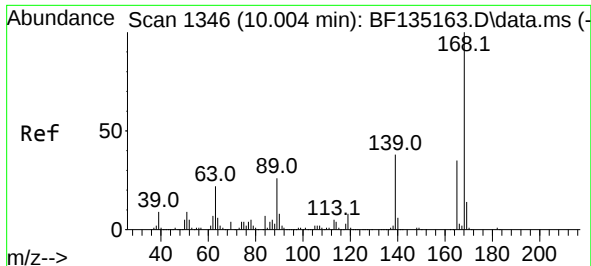
Ion Ratio Lower Upper

165 100

63 1.7 59.4 89.2#

89 0.9 49.8 74.8#

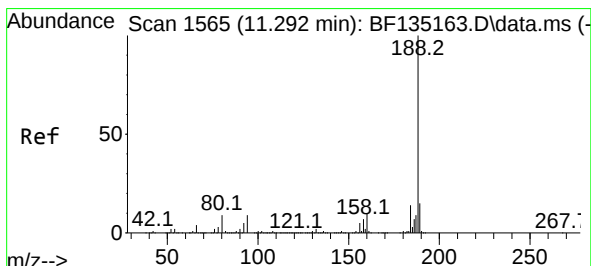
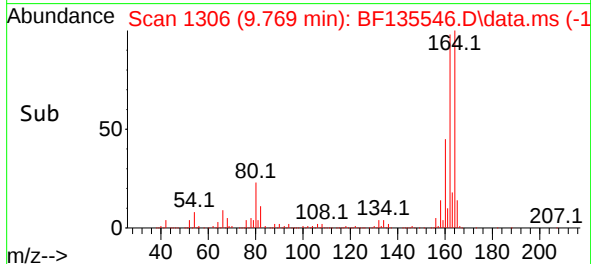
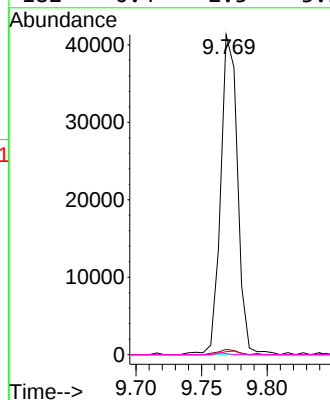
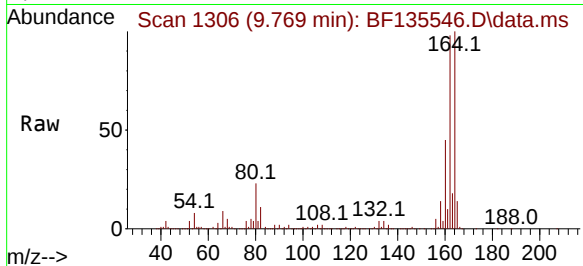




#57
2,4-Dinitrotoluene
Concen: 7.391 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

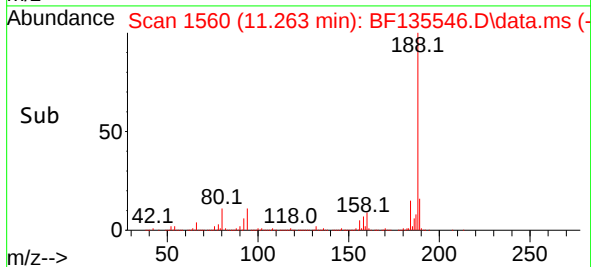
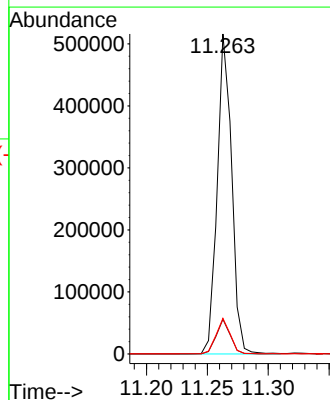
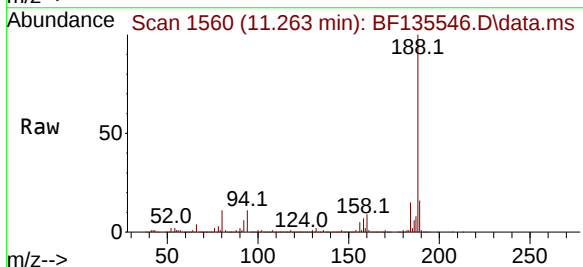
Instrument :
BNA_F
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VNJ-201

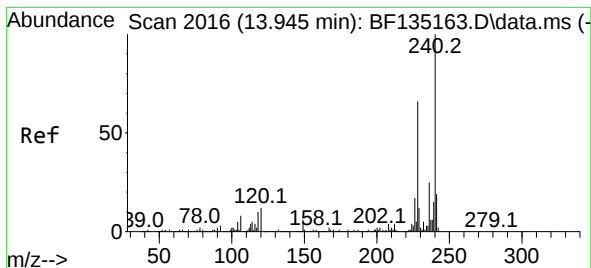
Tgt Ion:165 Resp: 36989
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 0.9 59.3 88.9#
182 0.4 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

Tgt Ion:188 Resp: 427783
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.2 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

Instrument :

BNA_F

ClientSampleId :

VNJ-201

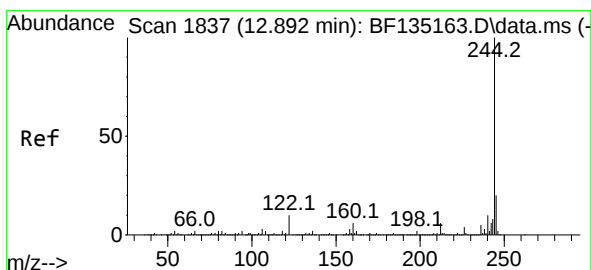
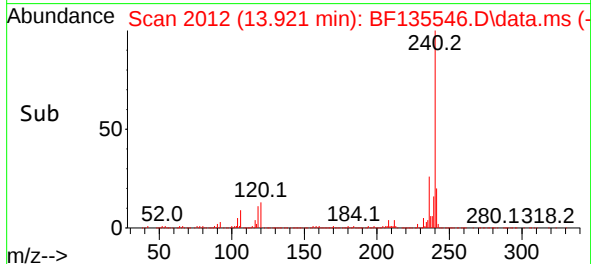
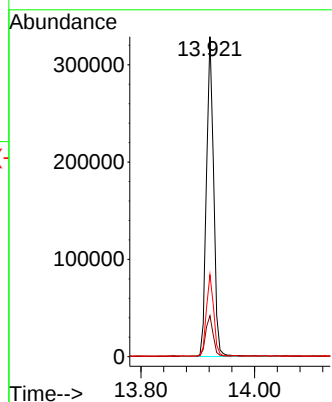
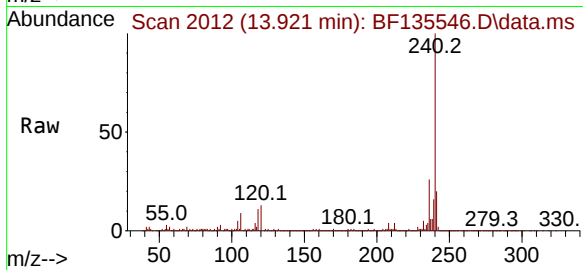
Tgt Ion:240 Resp: 288647

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 4.769 ng

RT: 12.857 min Scan# 1831

Delta R.T. -0.018 min

Lab File: BF135546.D

Acq: 03 Oct 2023 17:27

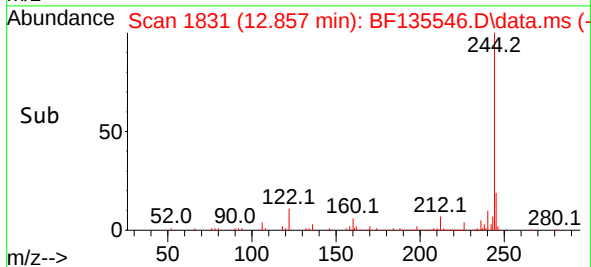
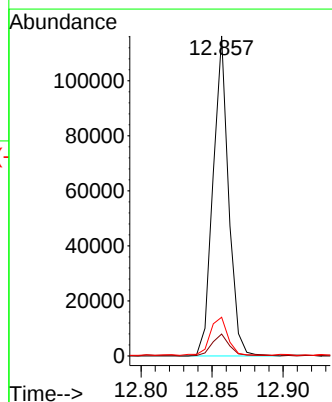
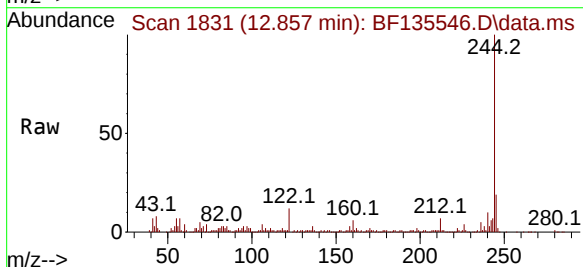
Tgt Ion:244 Resp: 88790

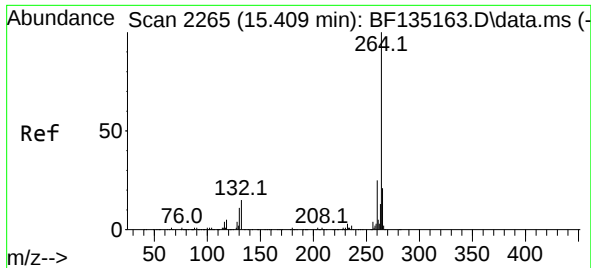
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 12.1 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135546.D
Acq: 03 Oct 2023 17:27

Instrument :
BNA_F
ClientSampleId :
VNJ-201

Tgt Ion:264 Resp: 240747

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.5	17.0	25.4

