

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135537.D
 Acq On : 02 Oct 2023 20:22
 Operator : CG\JU
 Sample : 04666-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Quant Time: Oct 03 02:58:06 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	6.745	152	134819	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	484068	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	207443	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	353236	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	262345	20.000	ng	0.00
86) Perylene-d12	15.392	264	198032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1037296	125.139	ng	0.02
7) Phenol-d6	6.398	99	1207366	114.549	ng	0.00
23) Nitrobenzene-d5	7.310	82	844267	94.756	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	242579	117.672	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1357750	98.748	ng	-0.01
79) Terphenyl-d14	12.868	244	1171368	69.216	ng	0.00

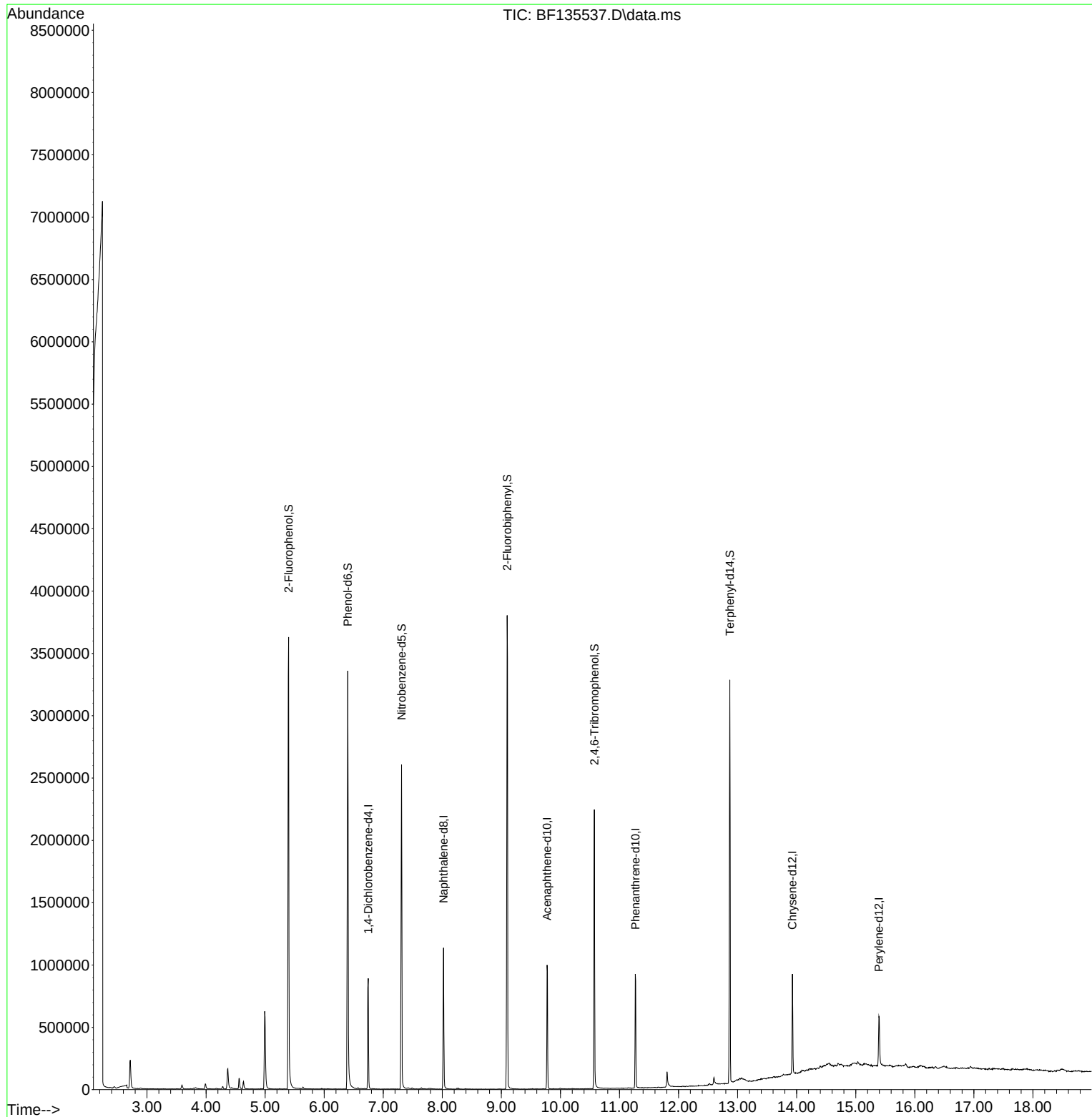
Target Compounds	Qvalue

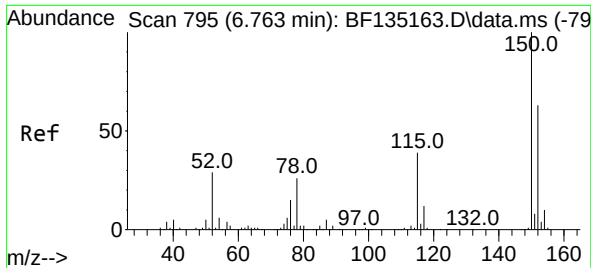
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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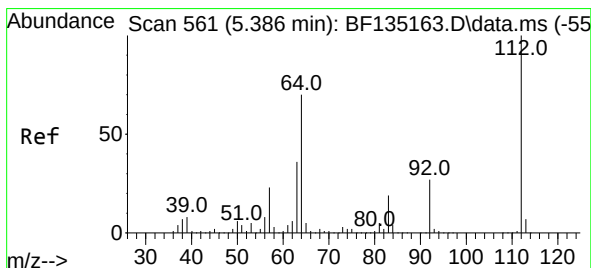
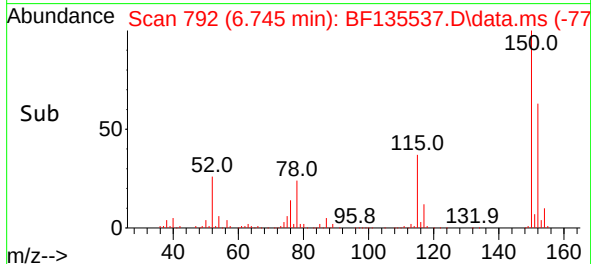
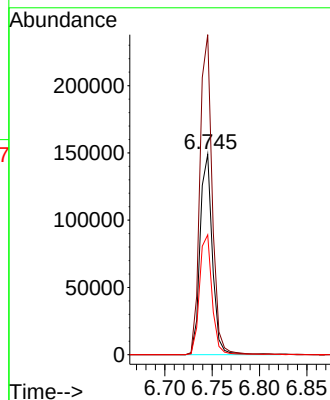
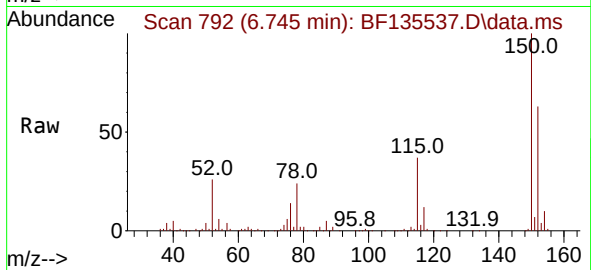




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135537.D
Acq: 02 Oct 2023 20:22

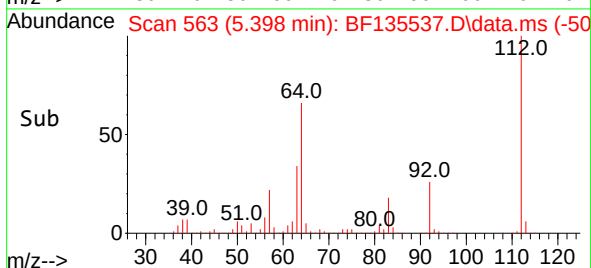
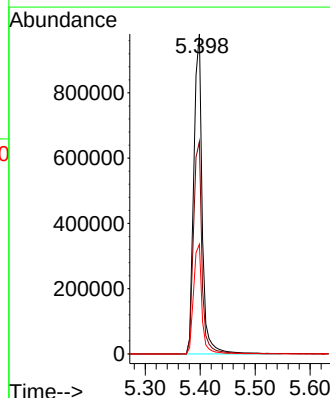
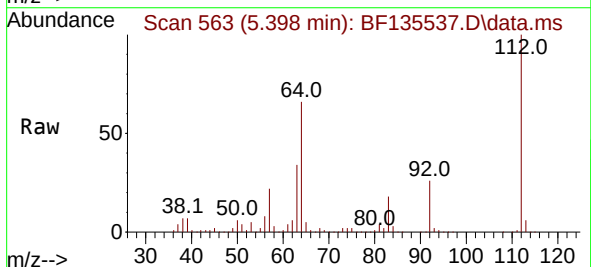
Instrument :
BNA_F
ClientSampleId :
VNJ-201

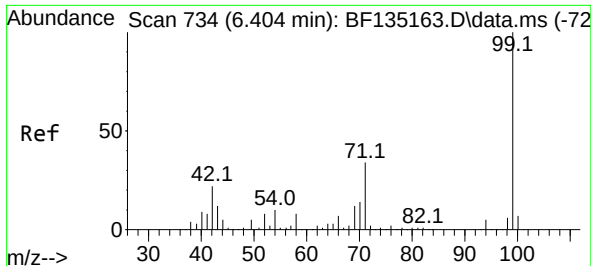
Tgt Ion:152 Resp: 134819
Ion Ratio Lower Upper
152 100
150 159.7 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 125.139 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF135537.D
Acq: 02 Oct 2023 20:22

Tgt Ion:112 Resp: 1037296
Ion Ratio Lower Upper
112 100
64 66.4 55.9 83.9
63 34.3 29.0 43.6

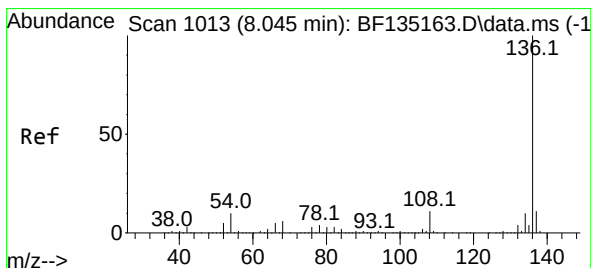
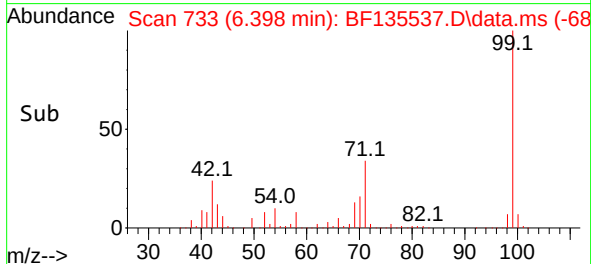
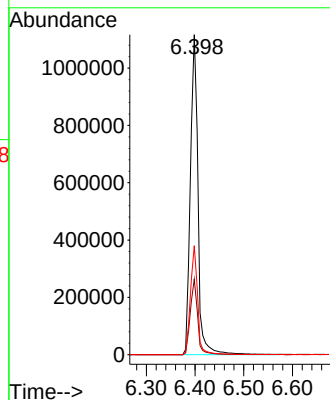
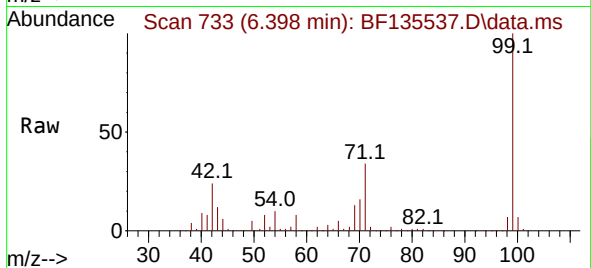




#7
Phenol-d6
Concen: 114.549 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135537.D
Acq: 02 Oct 2023 20:22

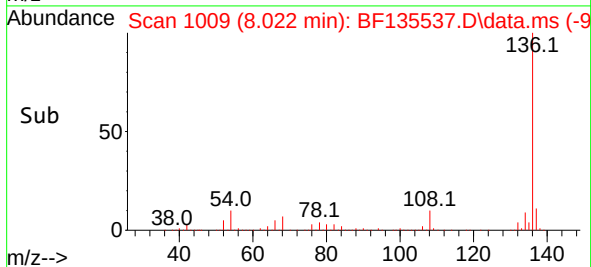
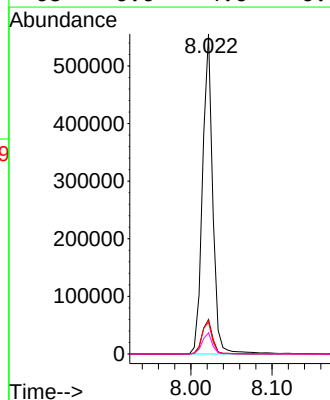
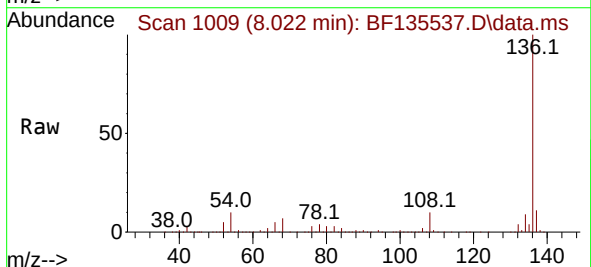
Instrument :
BNA_F
ClientSampleId :
VNJ-201

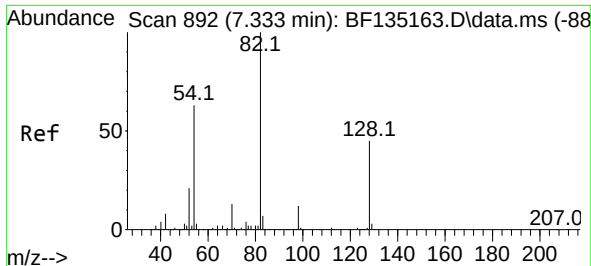
Tgt Ion: 99 Resp: 1207366
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 34.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135537.D
Acq: 02 Oct 2023 20:22

Tgt Ion: 136 Resp: 484068
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.0 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 94.756 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135537.D

Acq: 02 Oct 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-201

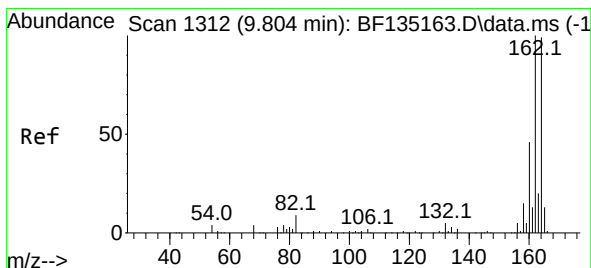
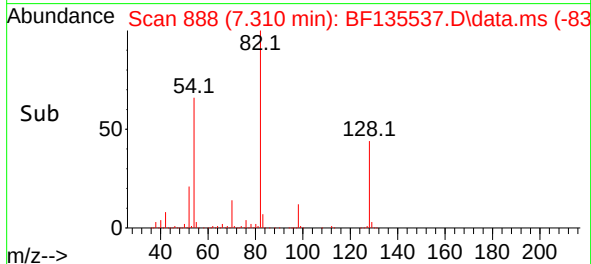
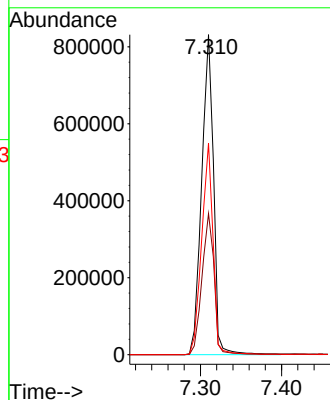
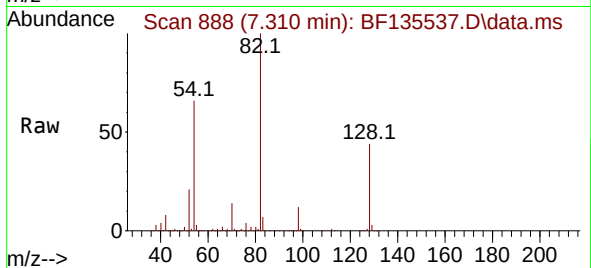
Tgt Ion: 82 Resp: 844267

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 66.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135537.D

Acq: 02 Oct 2023 20:22

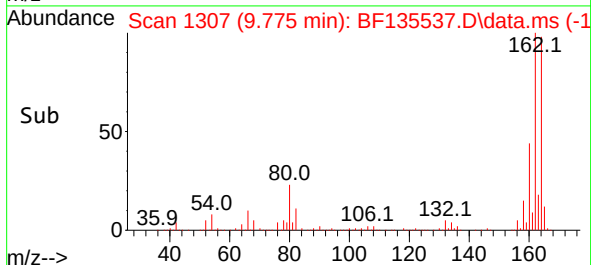
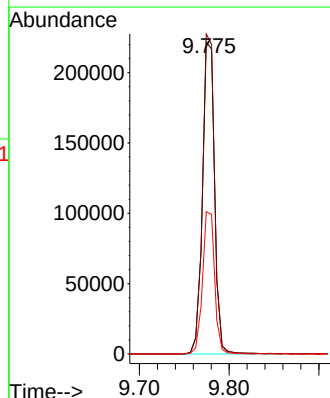
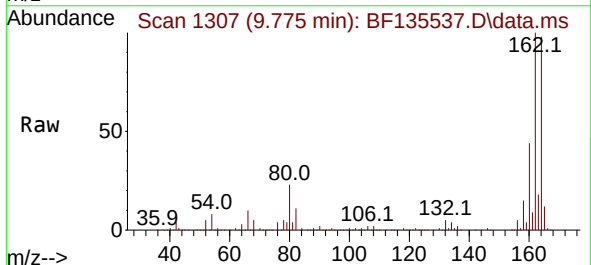
Tgt Ion: 164 Resp: 207443

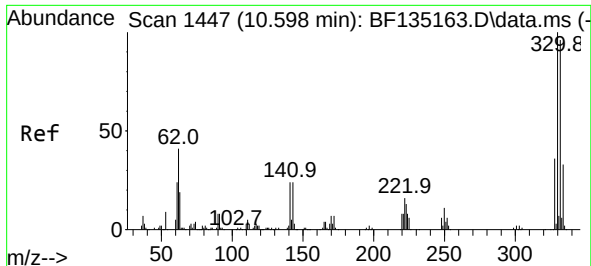
Ion Ratio Lower Upper

164 100

162 102.5 81.0 121.4

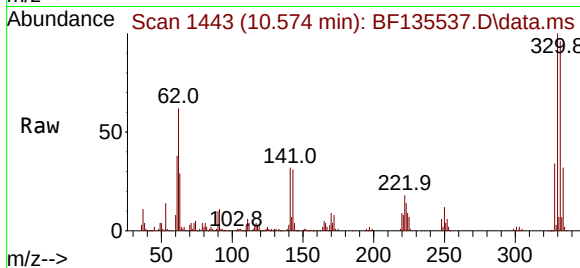
160 45.6 37.0 55.4





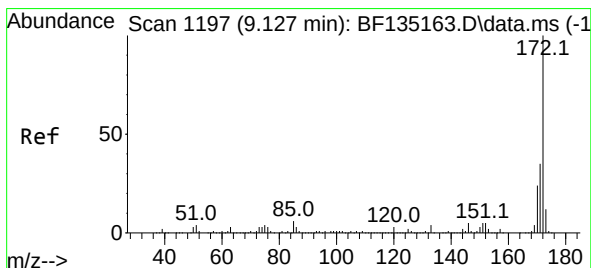
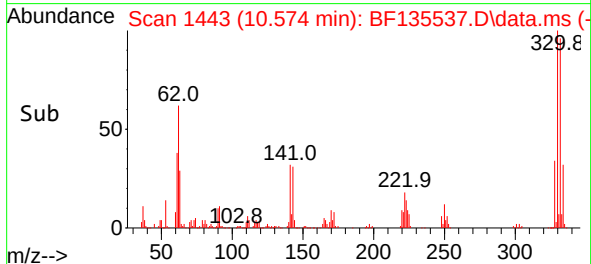
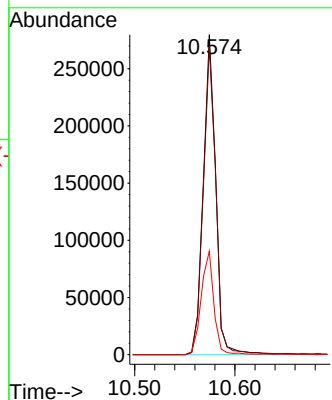
#42
 2,4,6-Tribromophenol
 Concen: 117.672 ng
 RT: 10.574 min Scan# 1443
 Delta R.T. -0.006 min
 Lab File: BF135537.D
 Acq: 02 Oct 2023 20:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201



Tgt Ion: 330 Resp: 242579

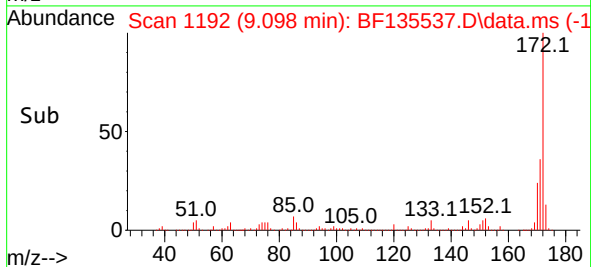
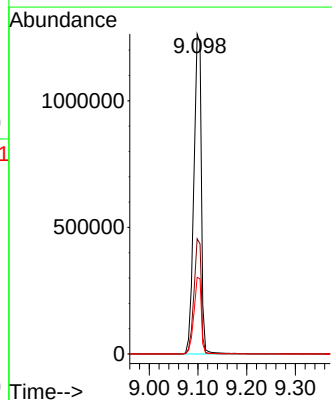
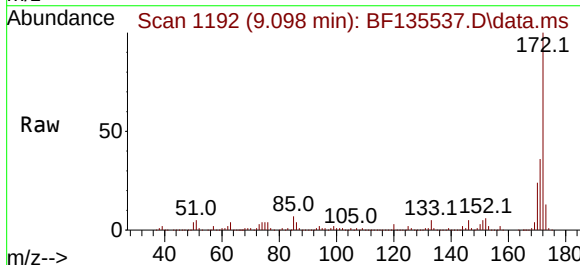
Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	33.6	25.8	38.8

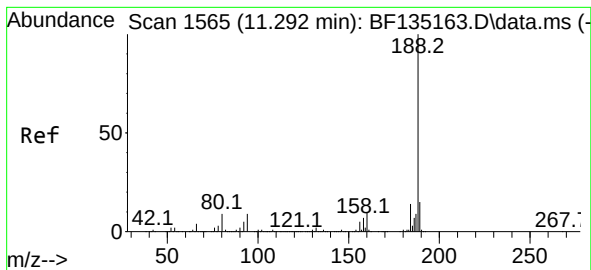


#45
 2-Fluorobiphenyl
 Concen: 98.748 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.012 min
 Lab File: BF135537.D
 Acq: 02 Oct 2023 20:22

Tgt Ion: 172 Resp: 1357750

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.4	42.6
170	24.0	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135537.D

Acq: 02 Oct 2023 20:22

Instrument :

BNA_F

ClientSampleId :

VNJ-201

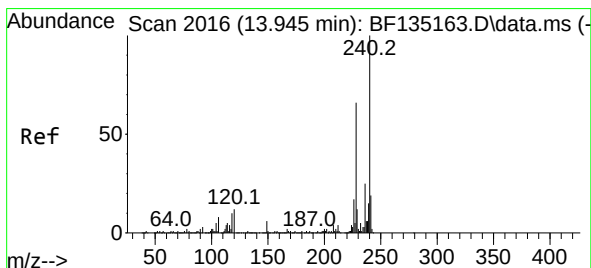
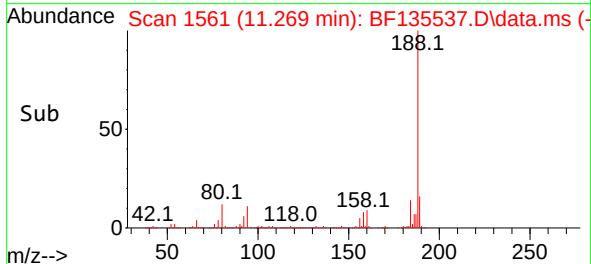
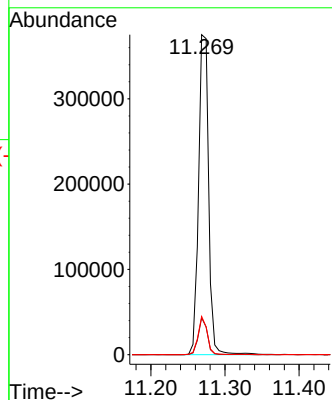
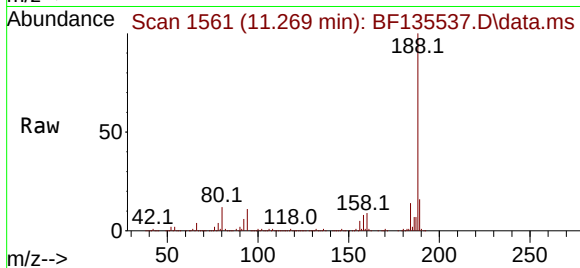
Tgt Ion:188 Resp: 353236

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.0 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135537.D

Acq: 02 Oct 2023 20:22

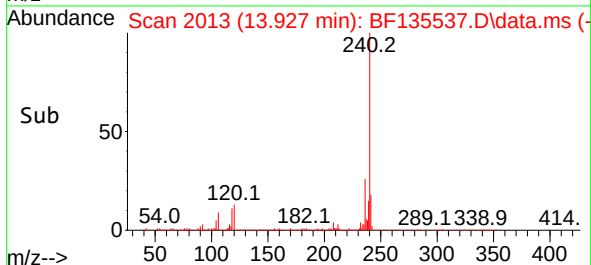
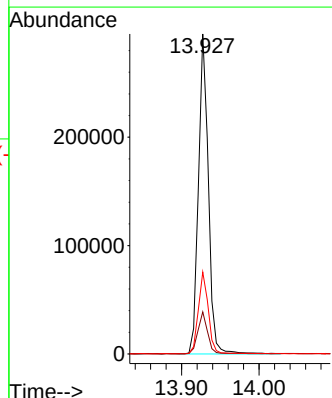
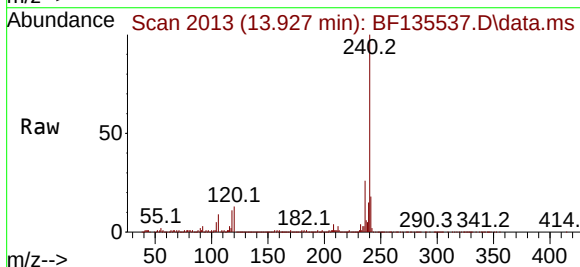
Tgt Ion:240 Resp: 262345

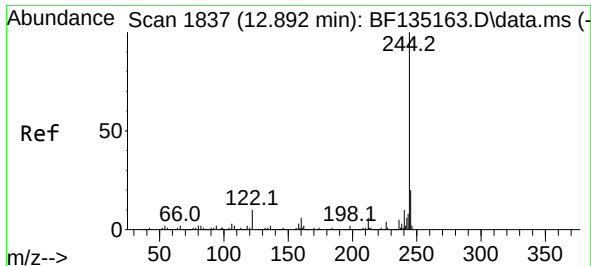
Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

236 25.6 19.8 29.8

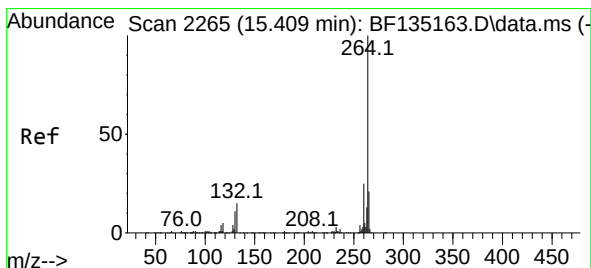
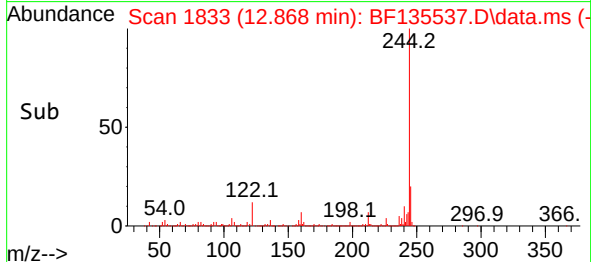
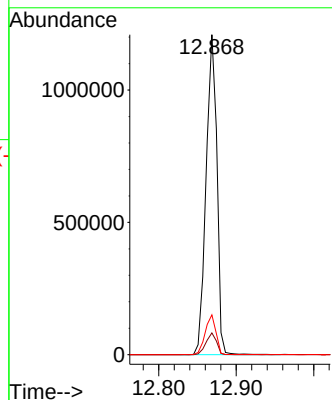
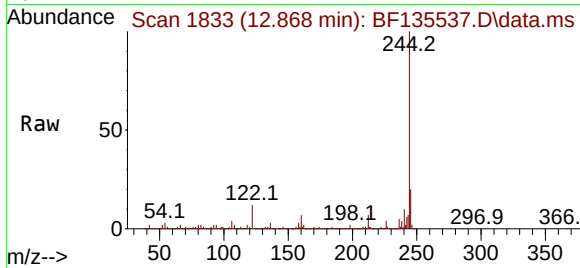




#79
 Terphenyl-d14
 Concen: 69.216 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135537.D
 Acq: 02 Oct 2023 20:22

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-201

Tgt Ion:244 Resp: 1171368
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.4 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: BF135537.D
 Acq: 02 Oct 2023 20:22

Tgt Ion:264 Resp: 198032
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.1 17.0 25.4

