

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127331.D
 Acq On : 15 Mar 2022 18:44
 Operator : CG\JU
 Sample : N1890-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Quant Time: Mar 16 05:30:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92860	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	348689	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	207425	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	381769	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	230232	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	222586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	687607	119.036	ng	0.01
7) Phenol-d6	6.504	99	861031	108.355	ng	0.00
23) Nitrobenzene-d5	7.433	82	727283	86.138	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	313036	140.192	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1234358	84.133	ng	0.00
79) Terphenyl-d14	12.992	244	1418060	106.059	ng	0.00

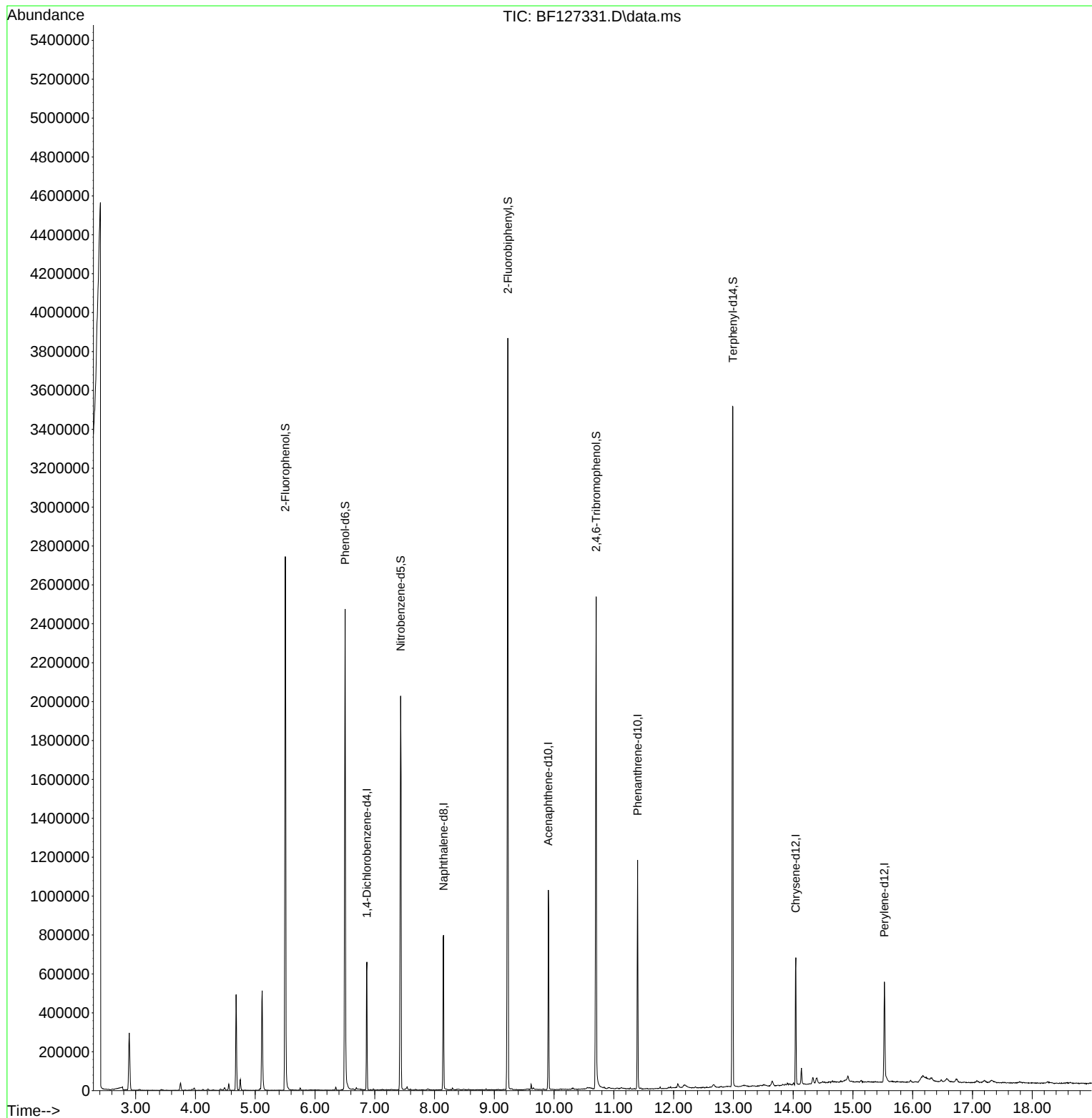
Target Compounds	Qvalue

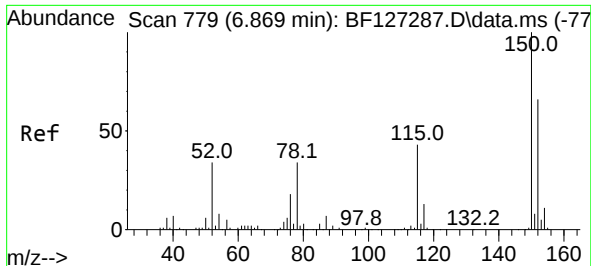
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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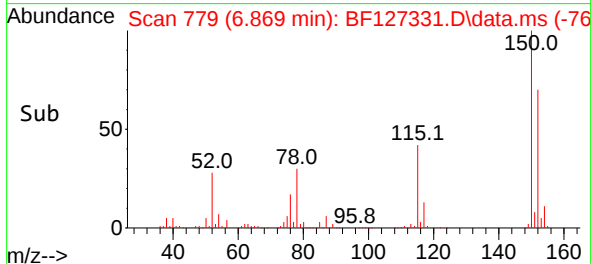
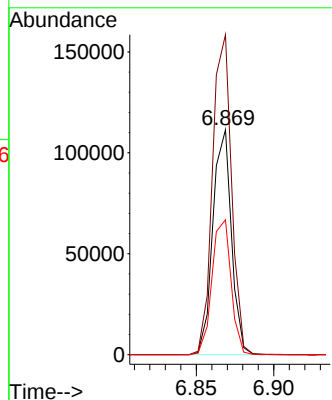
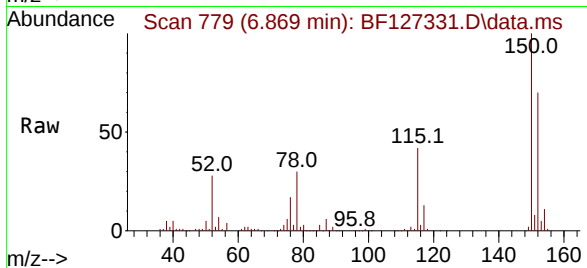




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

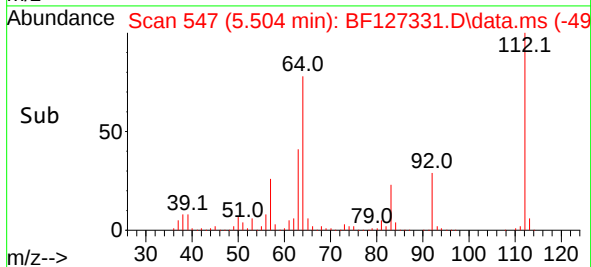
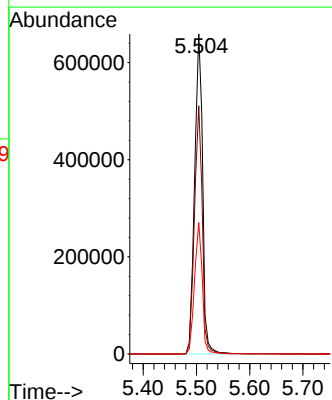
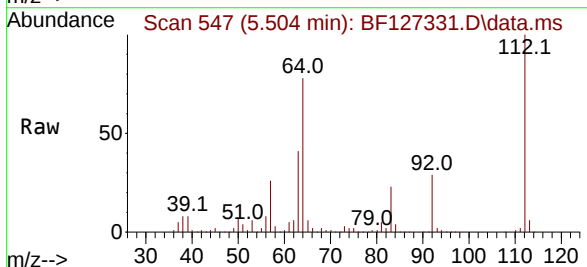
Instrument :
BNA_F
ClientSampleId :
VNJ-232

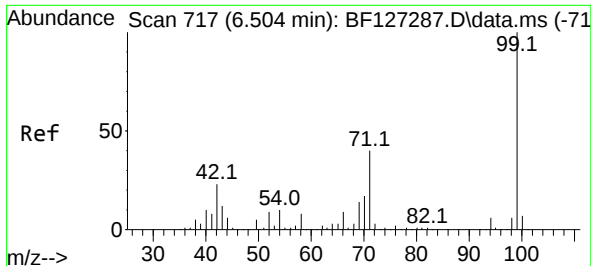
Tgt Ion:152 Resp: 92860
Ion Ratio Lower Upper
152 100
150 142.2 128.1 192.1
115 59.9 56.7 85.1



#5
2-Fluorophenol
Concen: 119.036 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:112 Resp: 687607
Ion Ratio Lower Upper
112 100
64 77.5 49.5 74.3#
63 41.0 23.9 35.9#





#7

Phenol-d6

Concen: 108.355 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127331.D

Acq: 15 Mar 2022 18:44

Instrument :

BNA_F

ClientSampleId :

VNJ-232

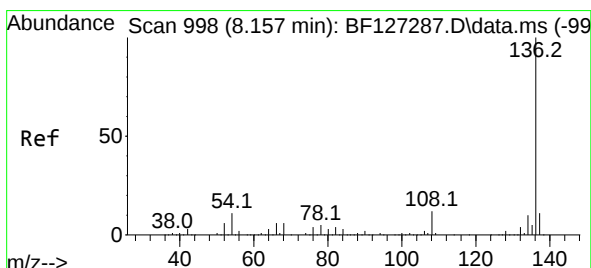
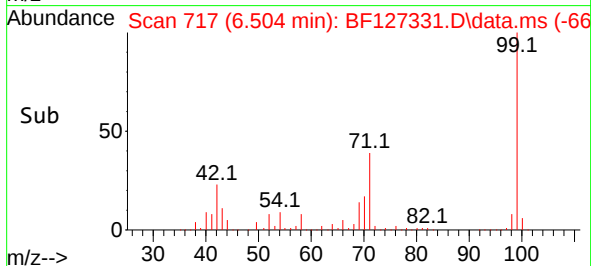
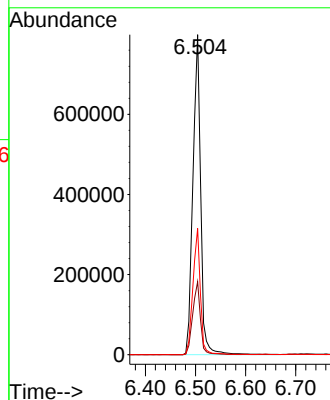
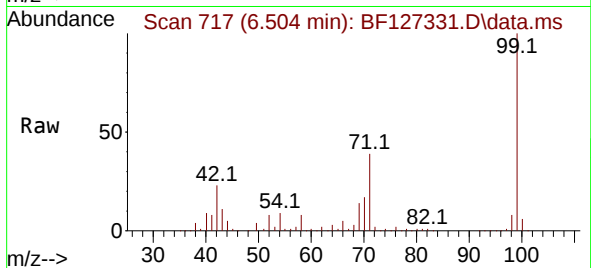
Tgt Ion: 99 Resp: 861031

Ion Ratio Lower Upper

99 100

42 22.8 14.2 21.4#

71 39.5 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF127331.D

Acq: 15 Mar 2022 18:44

Tgt Ion: 136 Resp: 348689

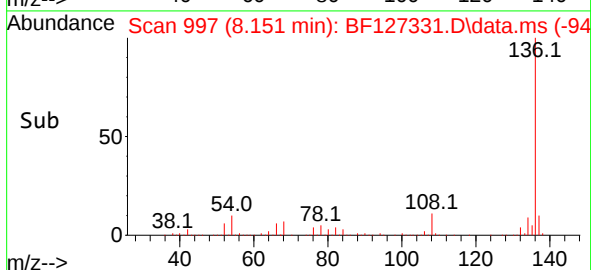
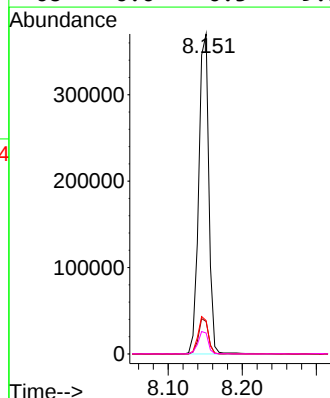
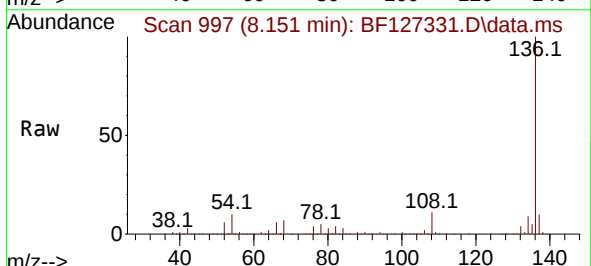
Ion Ratio Lower Upper

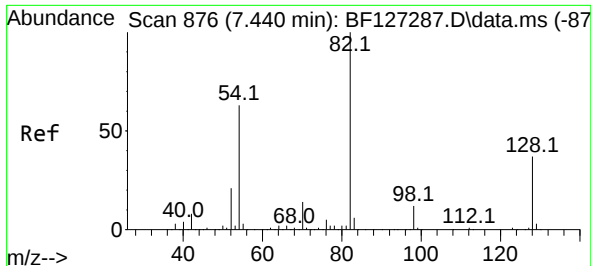
136 100

137 10.1 8.6 13.0

54 10.5 7.8 11.6

68 6.6 6.3 9.5

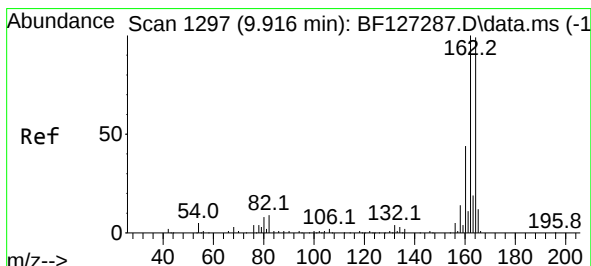
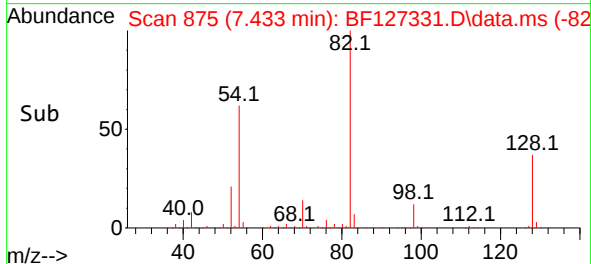
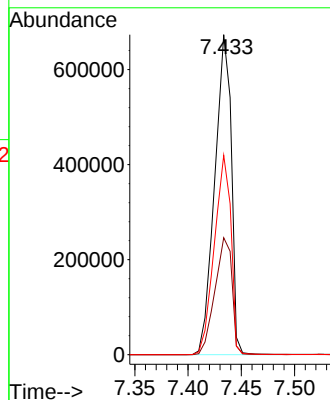
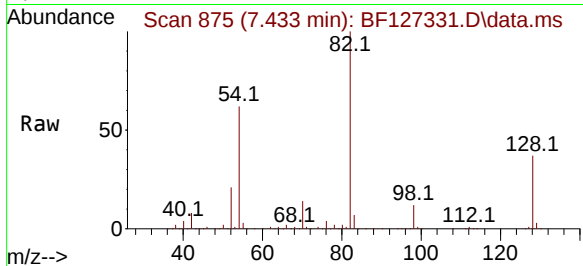




#23
Nitrobenzene-d5
Concen: 86.138 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

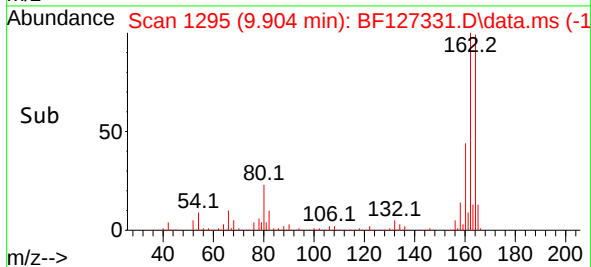
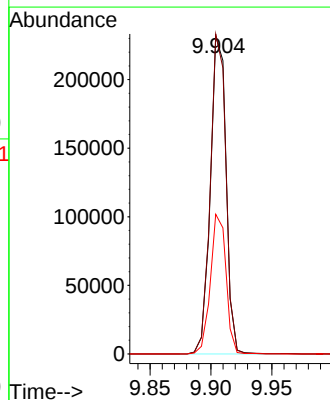
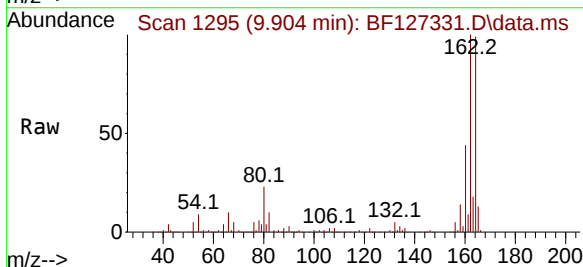
Instrument :
BNA_F
ClientSampleId :
VNJ-232

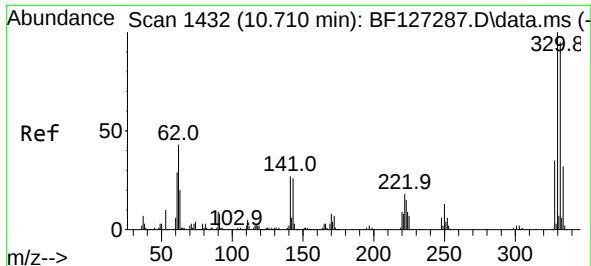
Tgt Ion: 82 Resp: 727283
Ion Ratio Lower Upper
82 100
128 36.6 32.7 49.1
54 62.3 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:164 Resp: 207425
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 140.192 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127331.D

Acq: 15 Mar 2022 18:44

Instrument :

BNA_F

ClientSampleId :

VNJ-232

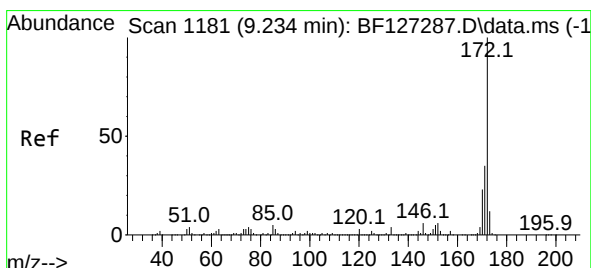
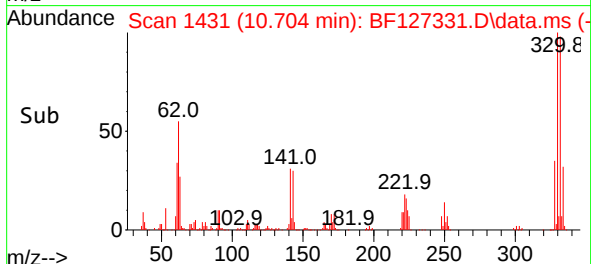
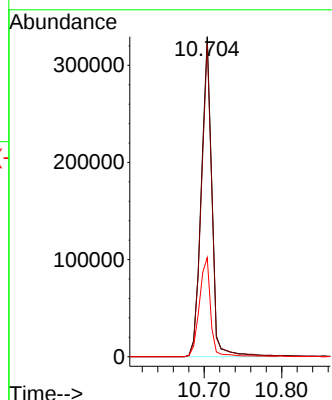
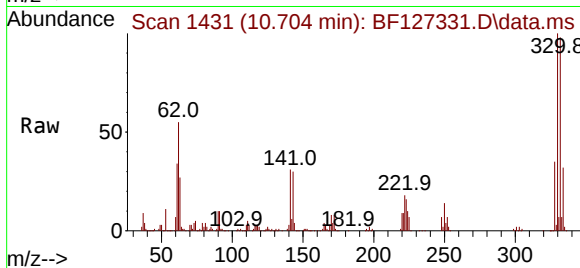
Tgt Ion:330 Resp: 313036

Ion Ratio Lower Upper

330 100

332 98.1 76.0 114.0

141 33.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 84.133 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127331.D

Acq: 15 Mar 2022 18:44

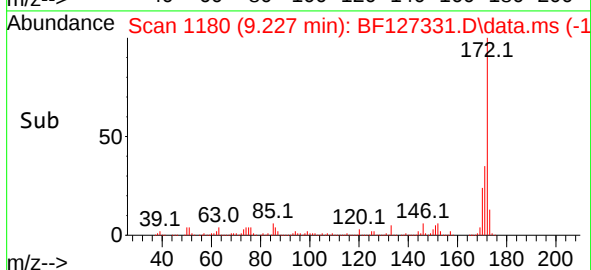
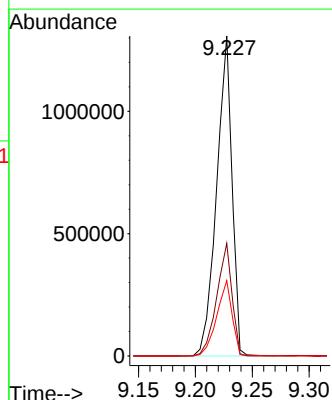
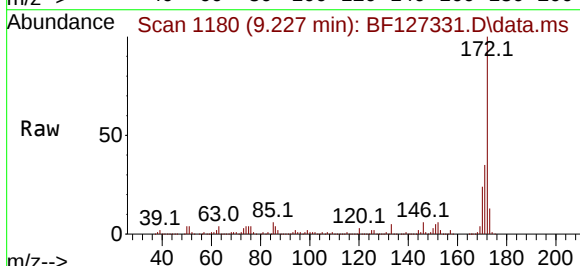
Tgt Ion:172 Resp: 1234358

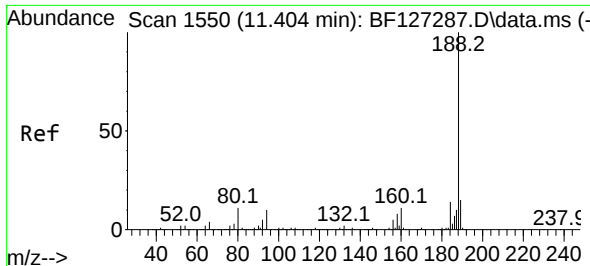
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.6

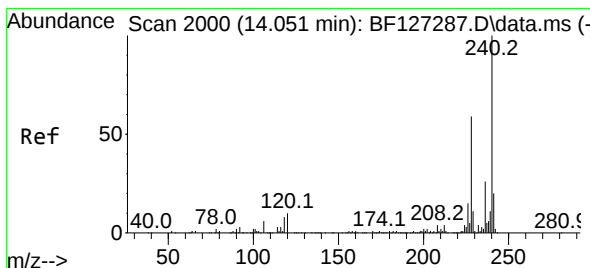
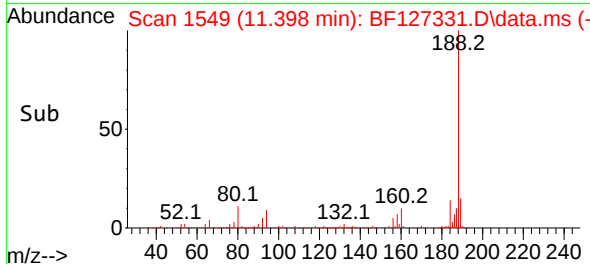
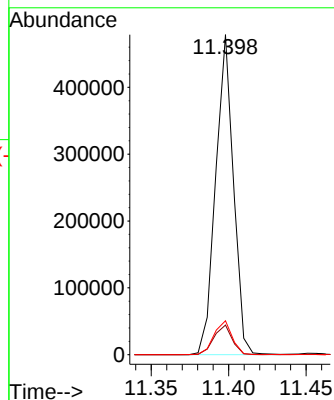
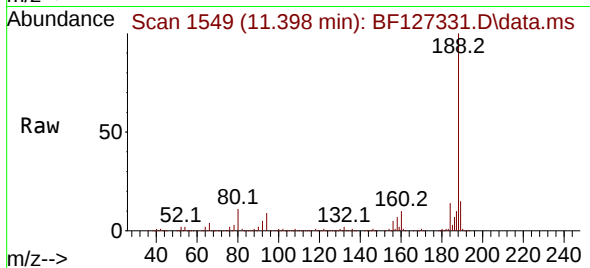




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

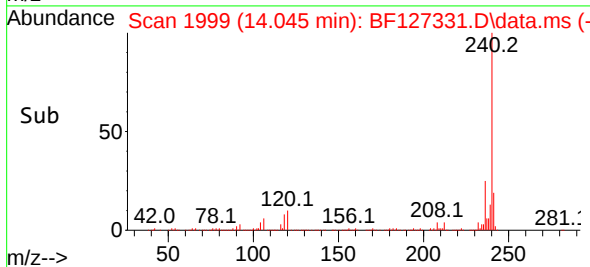
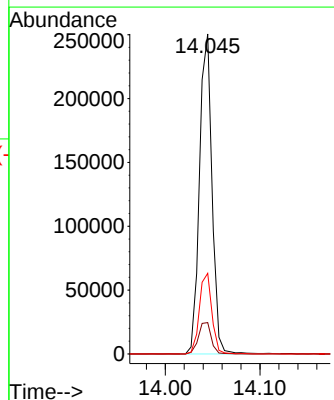
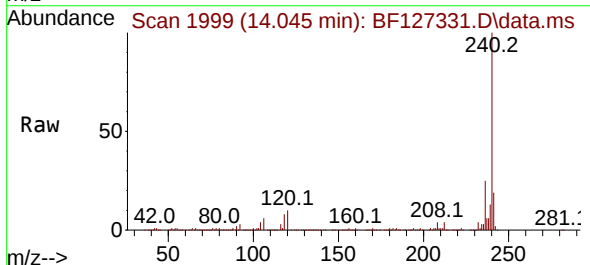
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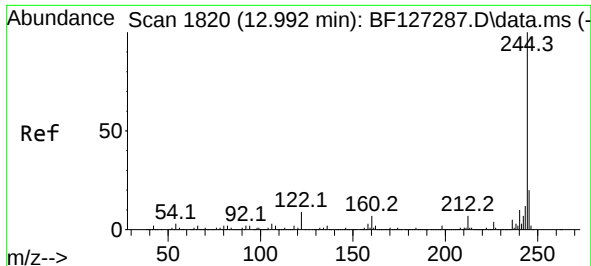
Tgt Ion:188 Resp: 381769
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.6 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127331.D
Acq: 15 Mar 2022 18:44

Tgt Ion:240 Resp: 230232
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 25.2 20.5 30.7

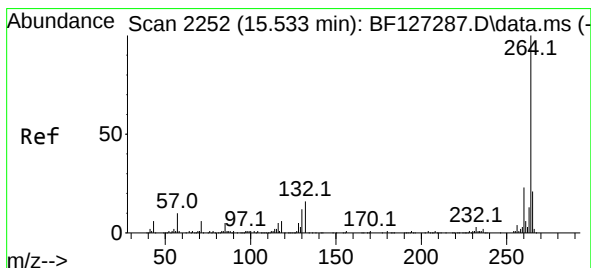
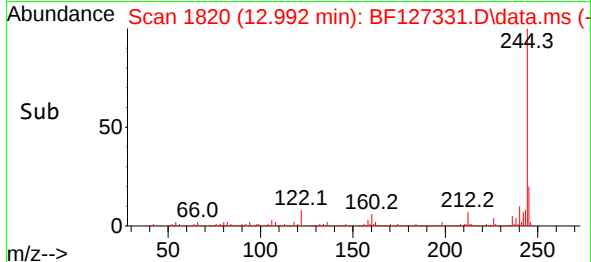
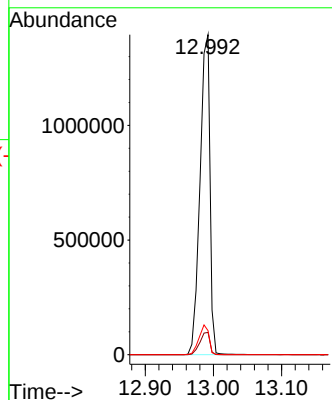
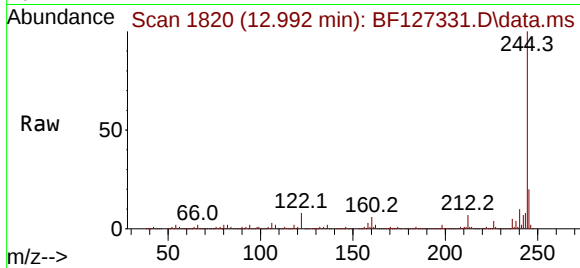




#79
 Terphenyl-d14
 Concen: 106.059 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127331.D
 Acq: 15 Mar 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-232

Tgt Ion:244 Resp: 1418060
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 7.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127331.D
 Acq: 15 Mar 2022 18:44

Tgt Ion:264 Resp: 222586
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.3 17.4 26.2

