

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129478.D
 Acq On : 01 Aug 2022 17:45
 Operator : CG\JU
 Sample : N3965-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVE-VZC-D4BR-62

Quant Time: Aug 02 01:17:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

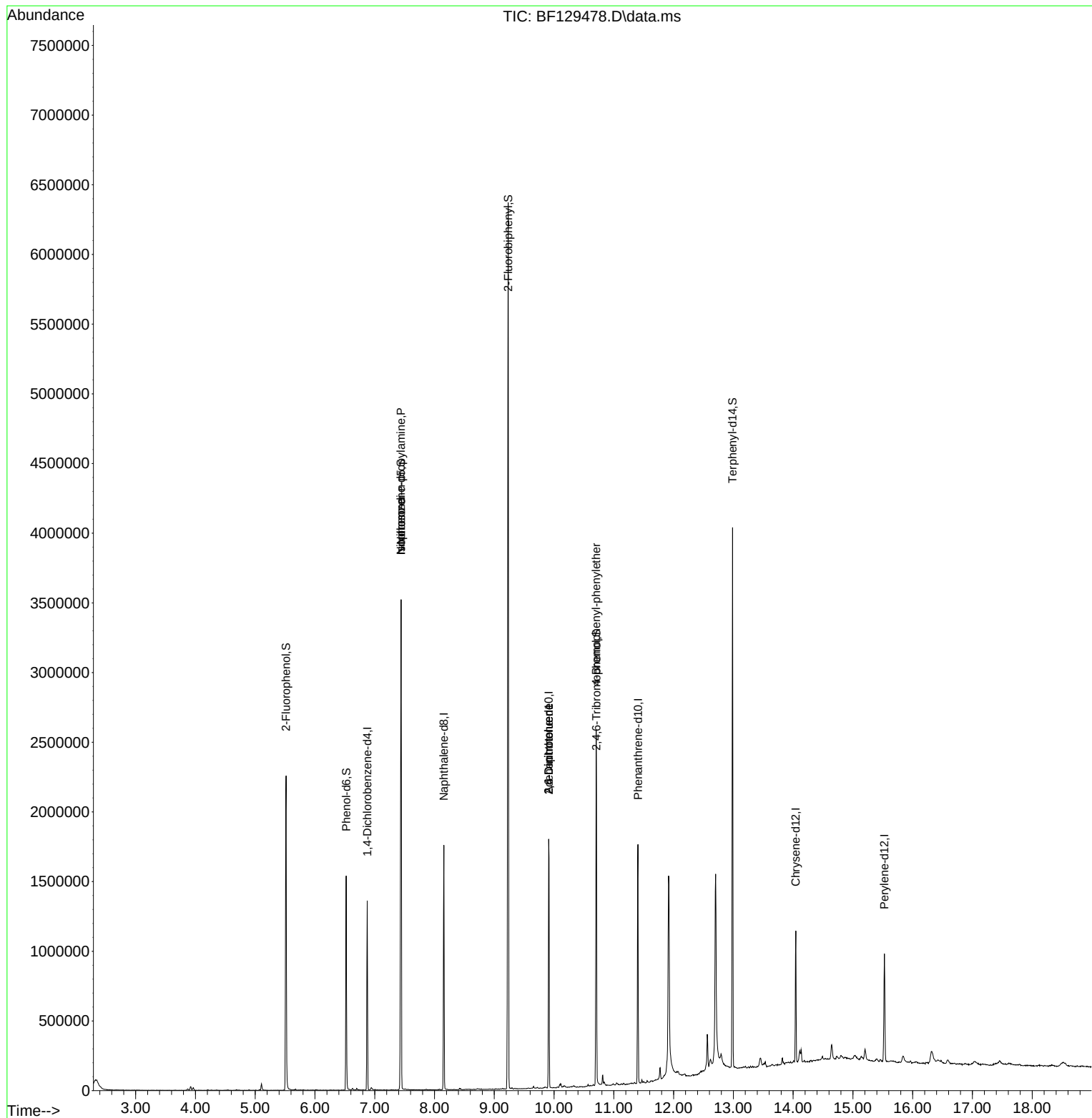
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	177400	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	717690	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	375767	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	599574	20.000	ng	0.00
76) Chrysene-d12	14.045	240	314608	20.000	ng	0.00
86) Perylene-d12	15.527	264	339019	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	628320	57.696	ng	0.01
7) Phenol-d6	6.522	99	473091	34.562	ng	0.00
23) Nitrobenzene-d5	7.440	82	1145424	87.123	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	292231	80.890	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1949921	80.274	ng	0.00
79) Terphenyl-d14	12.986	244	1199756	71.945	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	152217	18.369	ng	# 74
25) Isophorone	7.440	82	1145424	48.604	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	49404	8.509	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	49404	6.514	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	18261	2.781	ng	# 1

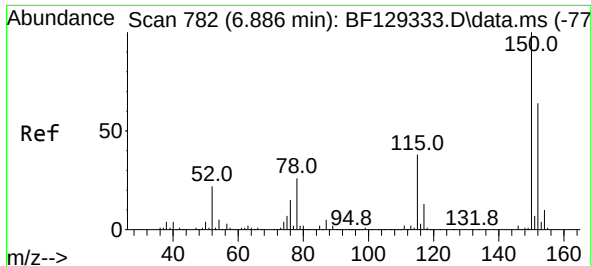
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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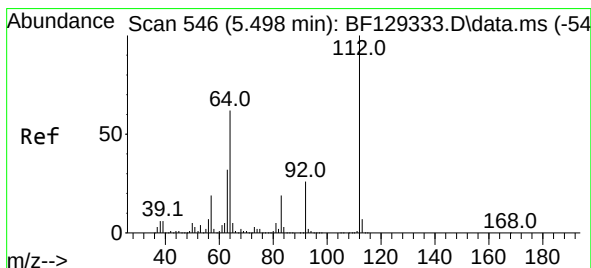
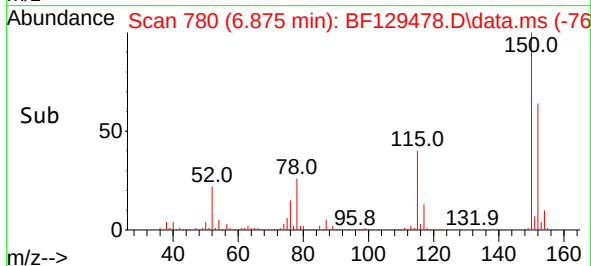
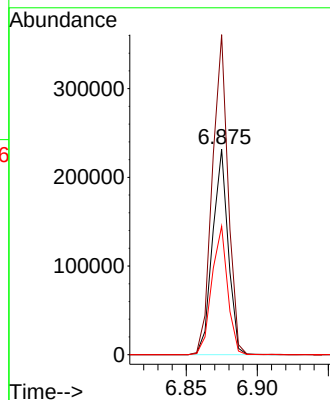
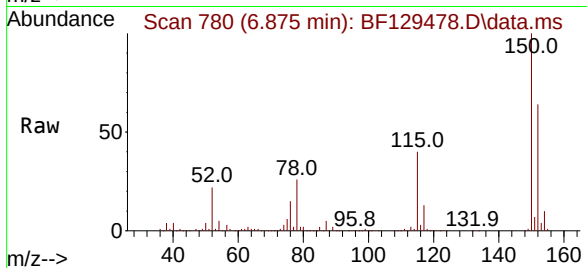




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129478.D
 Acq: 01 Aug 2022 17:45

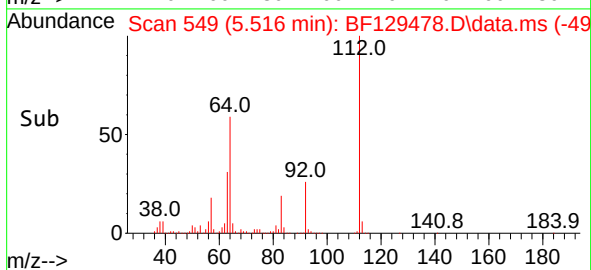
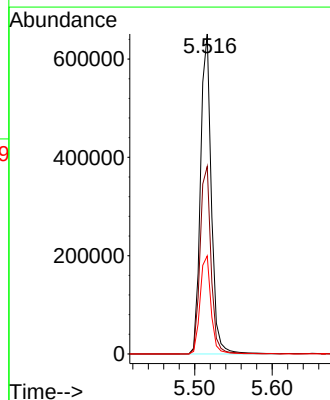
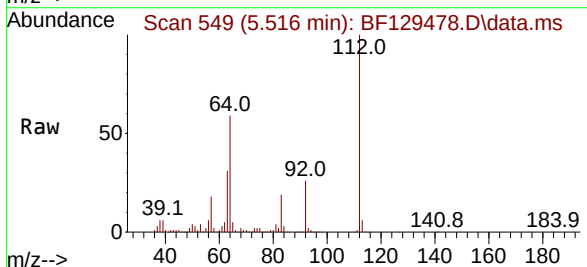
Instrument :
 BNA_F
 ClientSampleId :
 SVE-VZC-D4BR-62

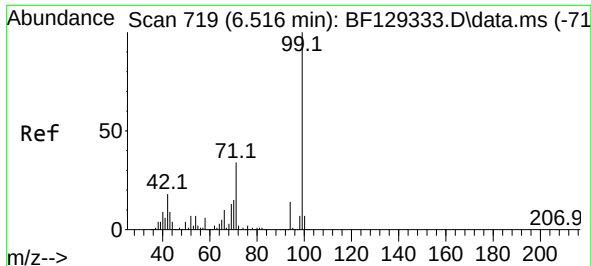
Tgt Ion:152 Resp: 177400
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 57.696 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129478.D
 Acq: 01 Aug 2022 17:45

Tgt Ion:112 Resp: 628320
 Ion Ratio Lower Upper
 112 100
 64 58.6 53.3 79.9
 63 30.7 28.0 42.0

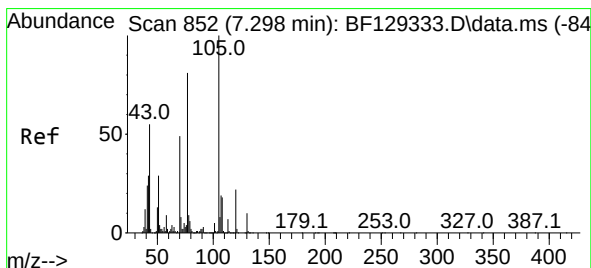
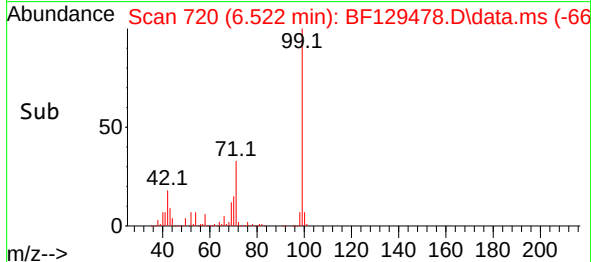
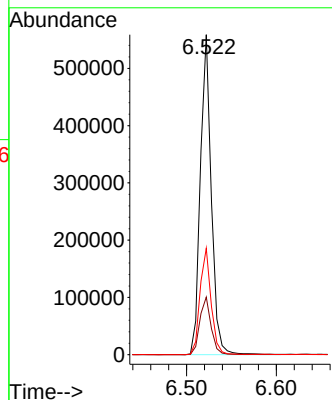
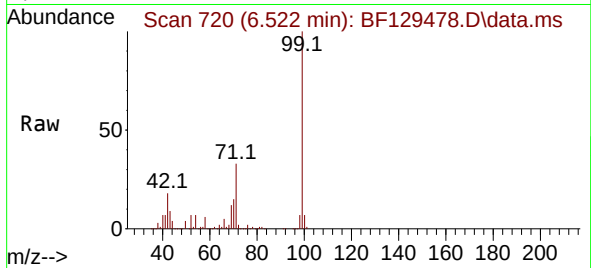




#7
Phenol-d6
Concen: 34.562 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

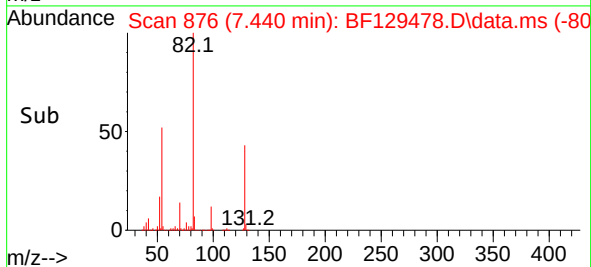
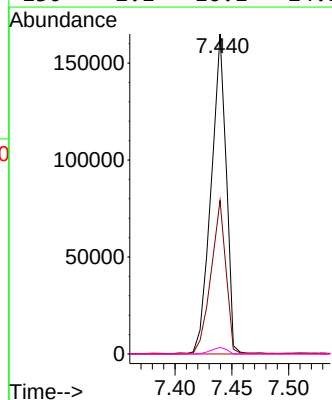
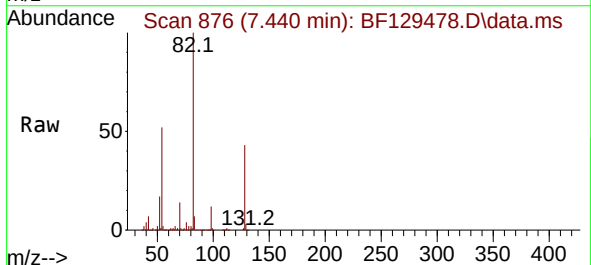
Instrument :
BNA_F
ClientSampleId :
SVE-VZC-D4BR-62

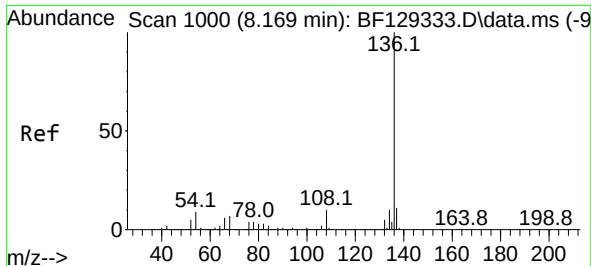
Tgt Ion: 99 Resp: 473091
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 33.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.369 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

Tgt Ion: 70 Resp: 152217
Ion Ratio Lower Upper
70 100
42 48.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



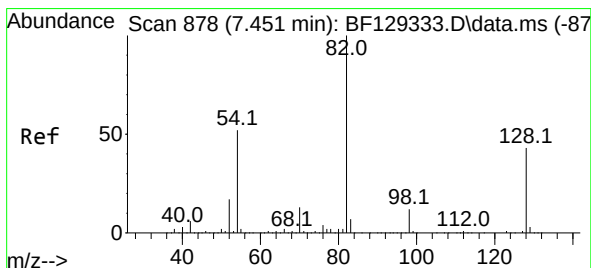
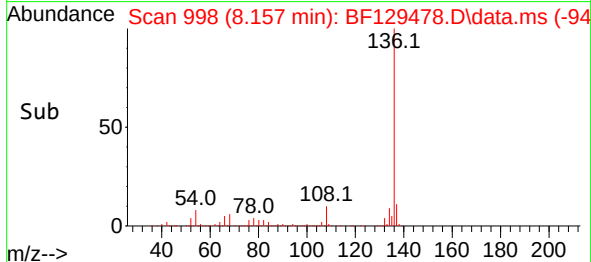
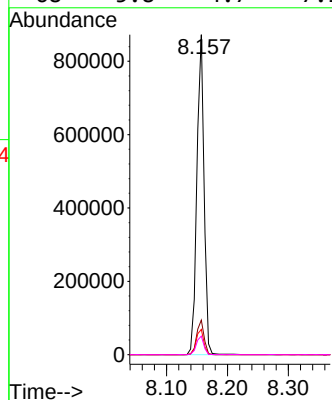
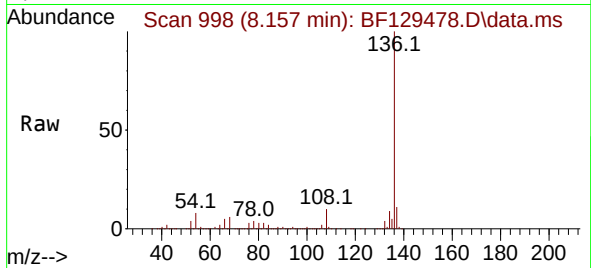


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

Instrument :
BNA_F
ClientSampleId :
SVE-VZC-D4BR-62

Tgt Ion:136 Resp: 717690

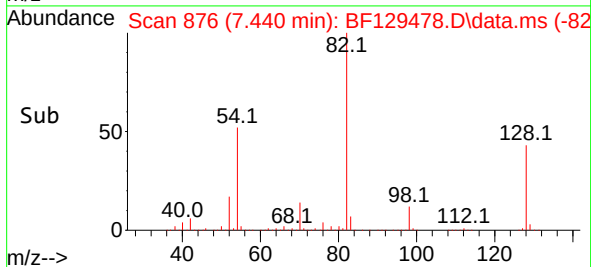
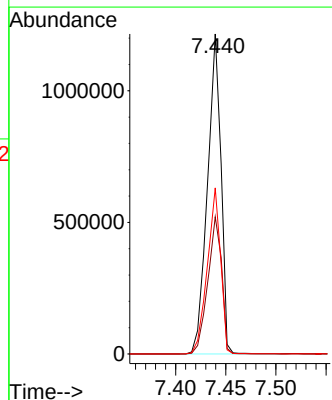
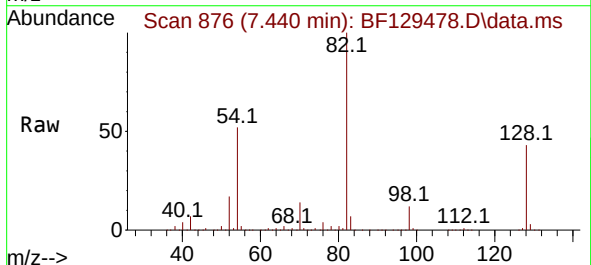
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	7.5	11.3
68	5.8	4.7	7.1

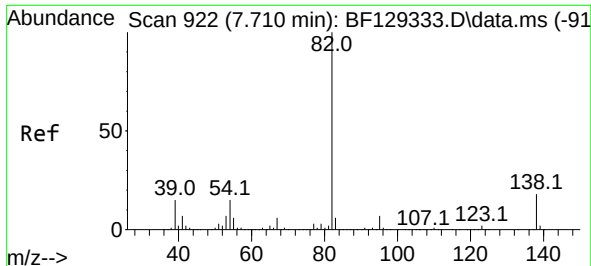


#23
Nitrobenzene-d5
Concen: 87.123 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

Tgt Ion: 82 Resp: 1145424

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	51.9	46.9	70.3

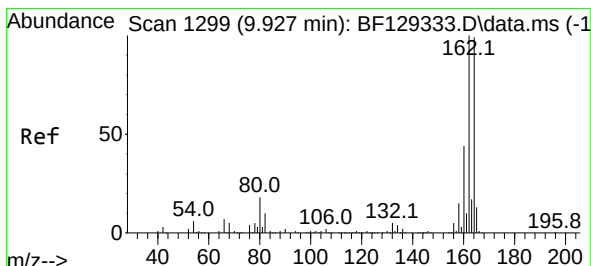
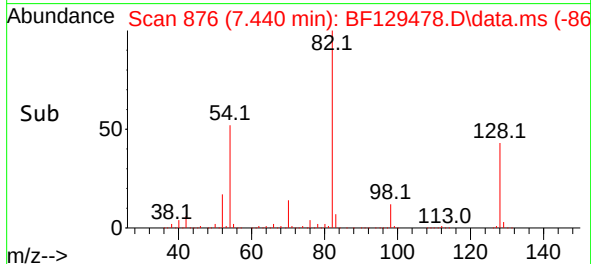
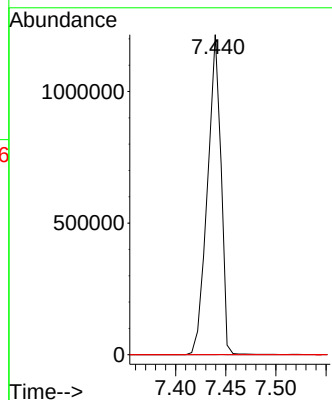
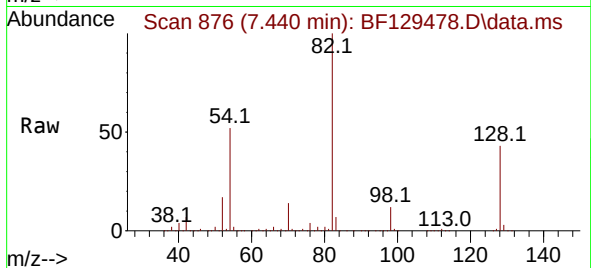




#25
Isophorone
Concen: 48.604 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

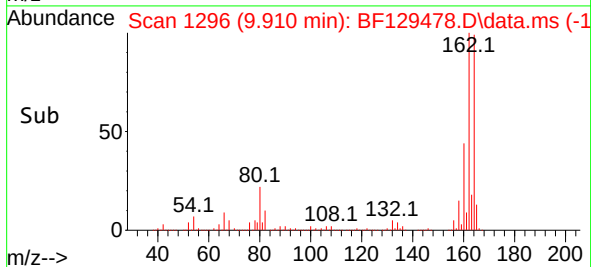
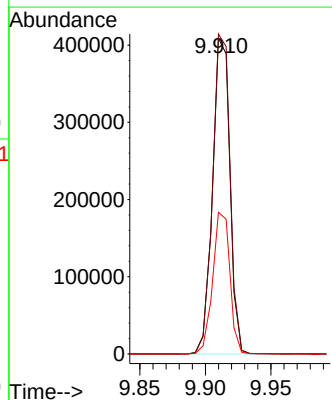
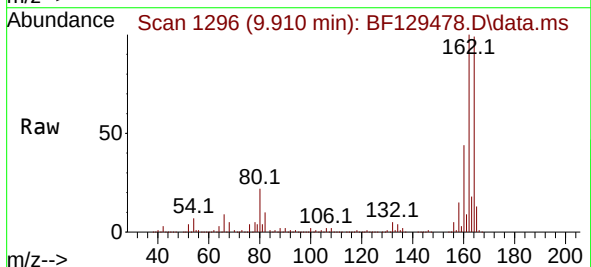
Instrument :
BNA_F
ClientSampleId :
SVE-VZC-D4BR-62

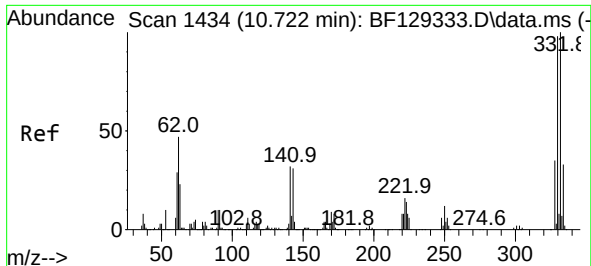
Tgt Ion: 82 Resp: 1145424
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

Tgt Ion: 164 Resp: 375767
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.890 ng

RT: 10.710 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129478.D

Acq: 01 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

SVE-VZC-D4BR-62

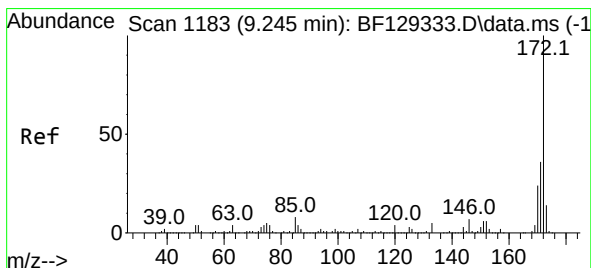
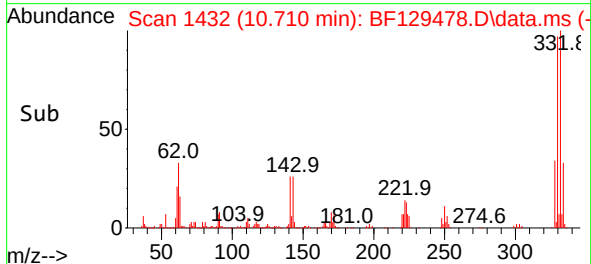
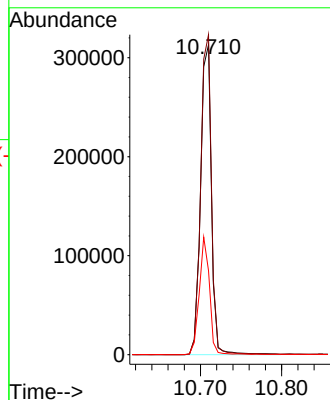
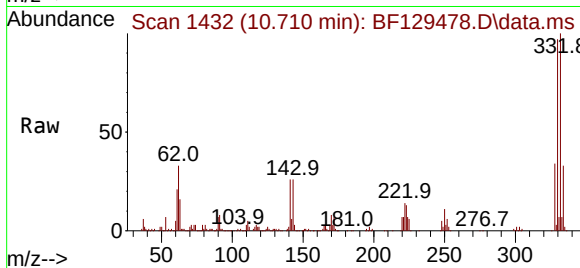
Tgt Ion:330 Resp: 292231

Ion Ratio Lower Upper

330 100

332 102.0 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.274 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129478.D

Acq: 01 Aug 2022 17:45

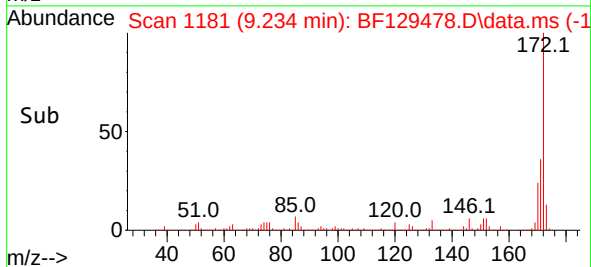
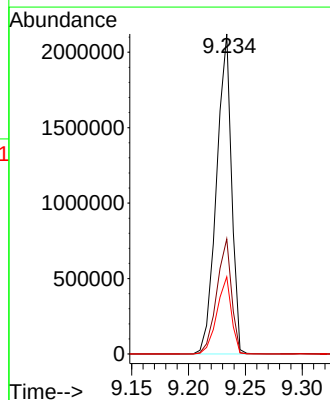
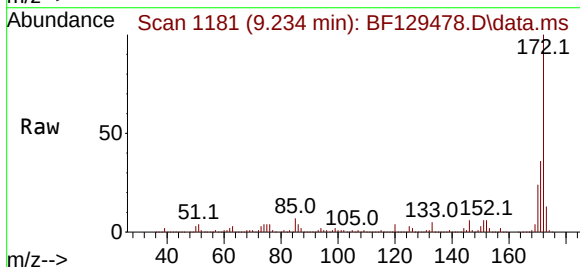
Tgt Ion:172 Resp: 1949921

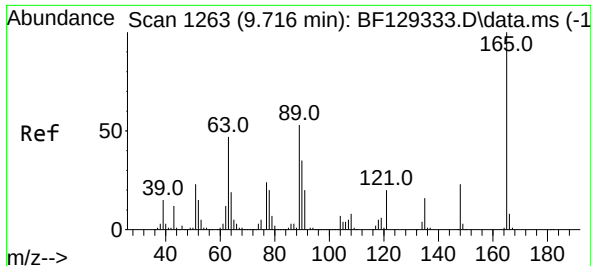
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.1 19.8 29.8

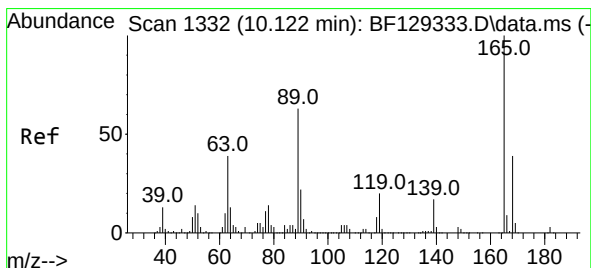
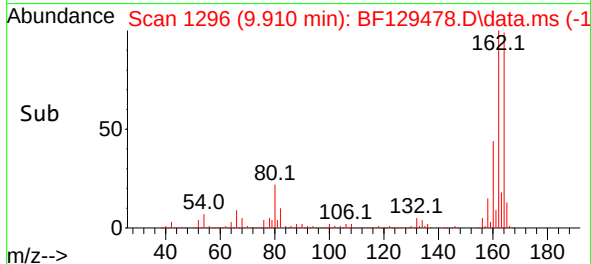
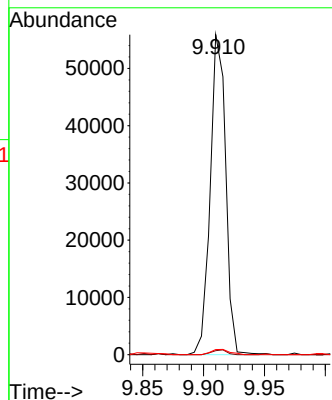
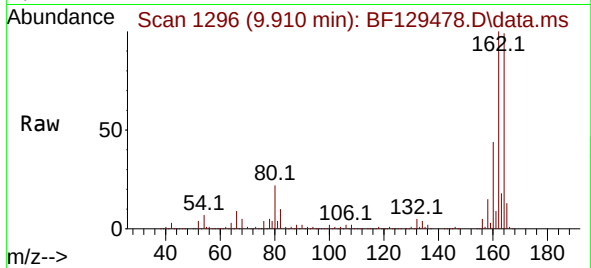




#51
2,6-Dinitrotoluene
Concen: 8.509 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

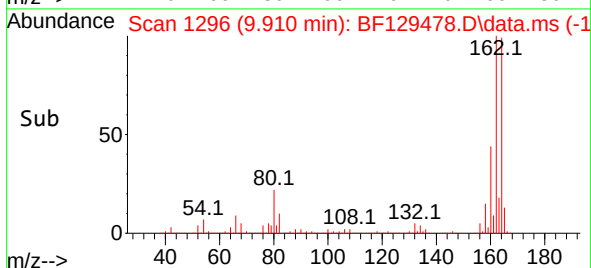
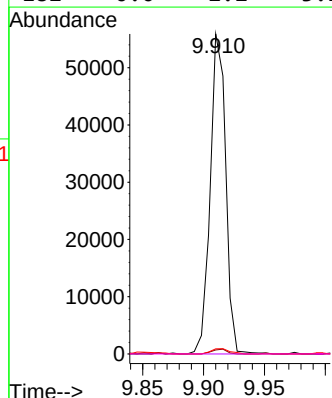
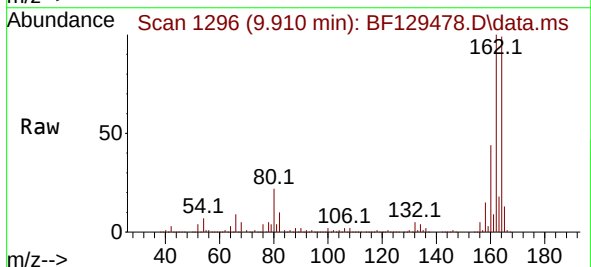
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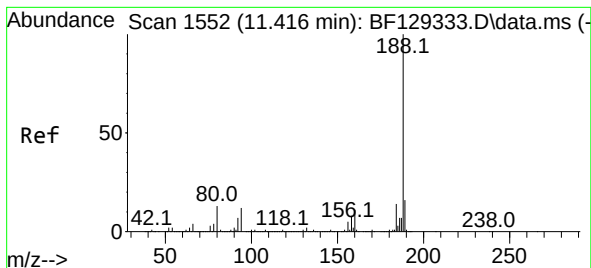
Tgt Ion:165 Resp: 49404
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

Tgt Ion:165 Resp: 49404
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129478.D

Acq: 01 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

SVE-VZC-D4BR-62

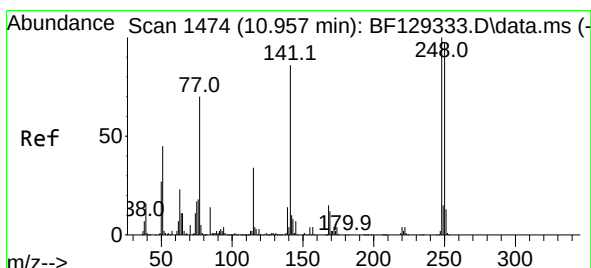
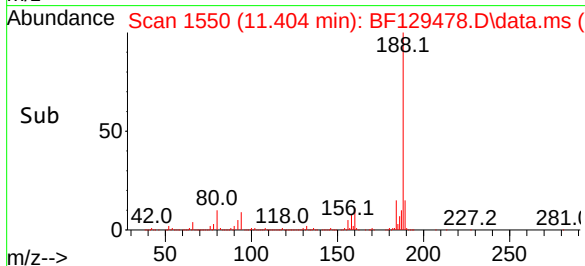
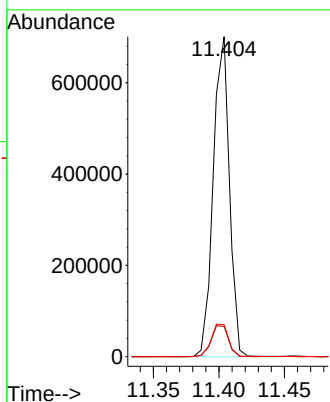
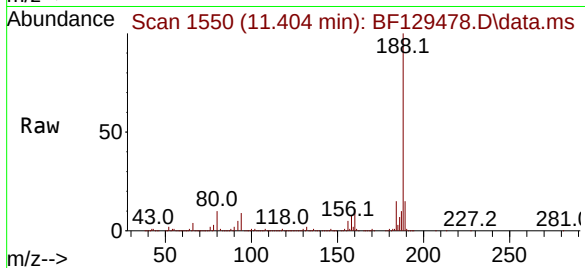
Tgt Ion:188 Resp: 599574

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.781 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF129478.D

Acq: 01 Aug 2022 17:45

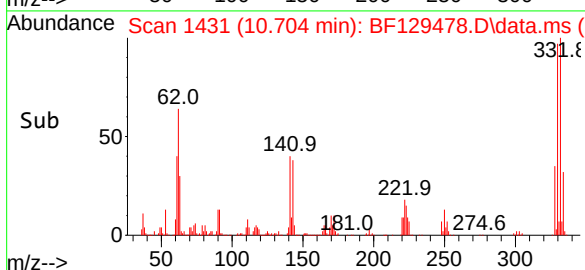
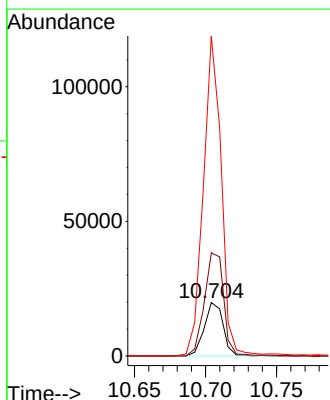
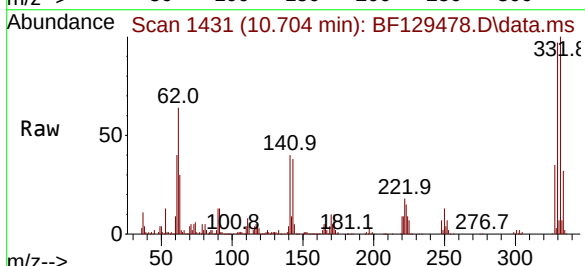
Tgt Ion:248 Resp: 18261

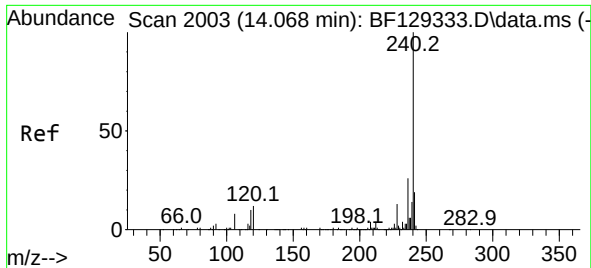
Ion Ratio Lower Upper

248 100

250 193.2 80.6 120.8#

141 599.1 58.9 88.3#

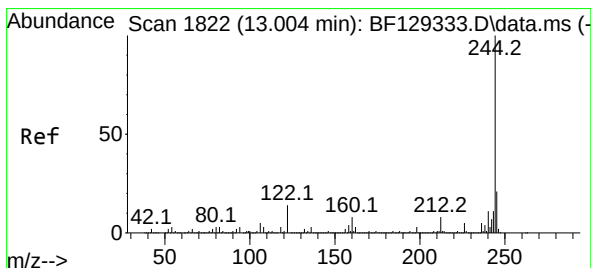
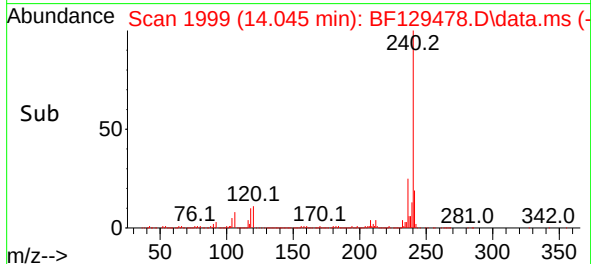
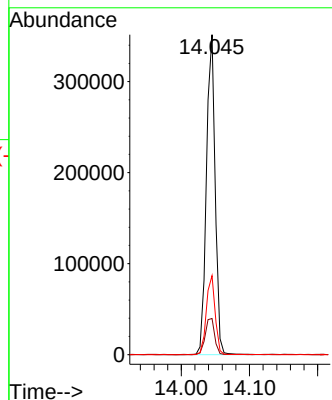
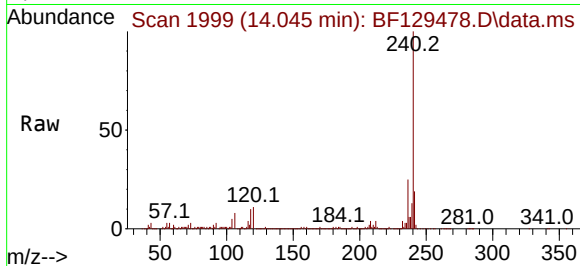




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

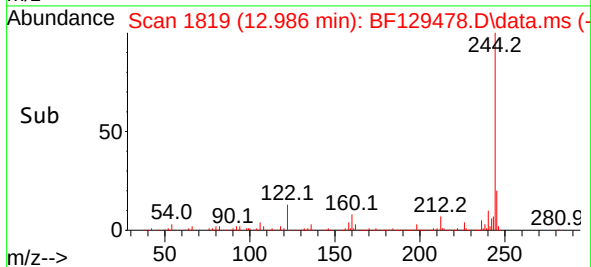
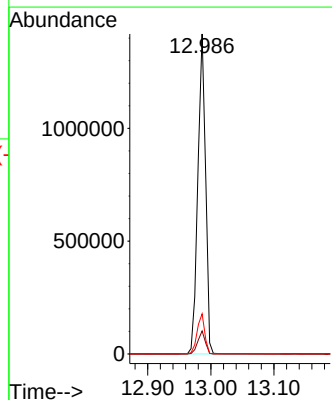
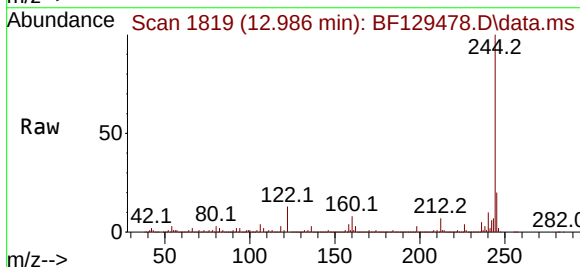
Instrument :
BNA_F
ClientSampleId :
SVE-VZC-D4BR-62

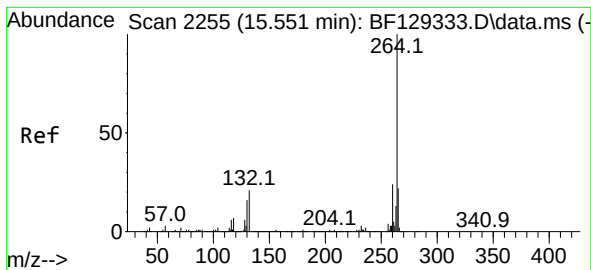
Tgt Ion:240 Resp: 314608
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 71.945 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129478.D
Acq: 01 Aug 2022 17:45

Tgt Ion:244 Resp: 1199756
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.6 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129478.D
 Acq: 01 Aug 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 SVE-VZC-D4BR-62

Tgt Ion:264 Resp: 339019
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.3 17.2 25.8

