

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129533.D
 Acq On : 03 Aug 2022 11:00
 Operator : CG\JU
 Sample : PB146630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146630BL

Quant Time: Aug 03 16:35:06 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)

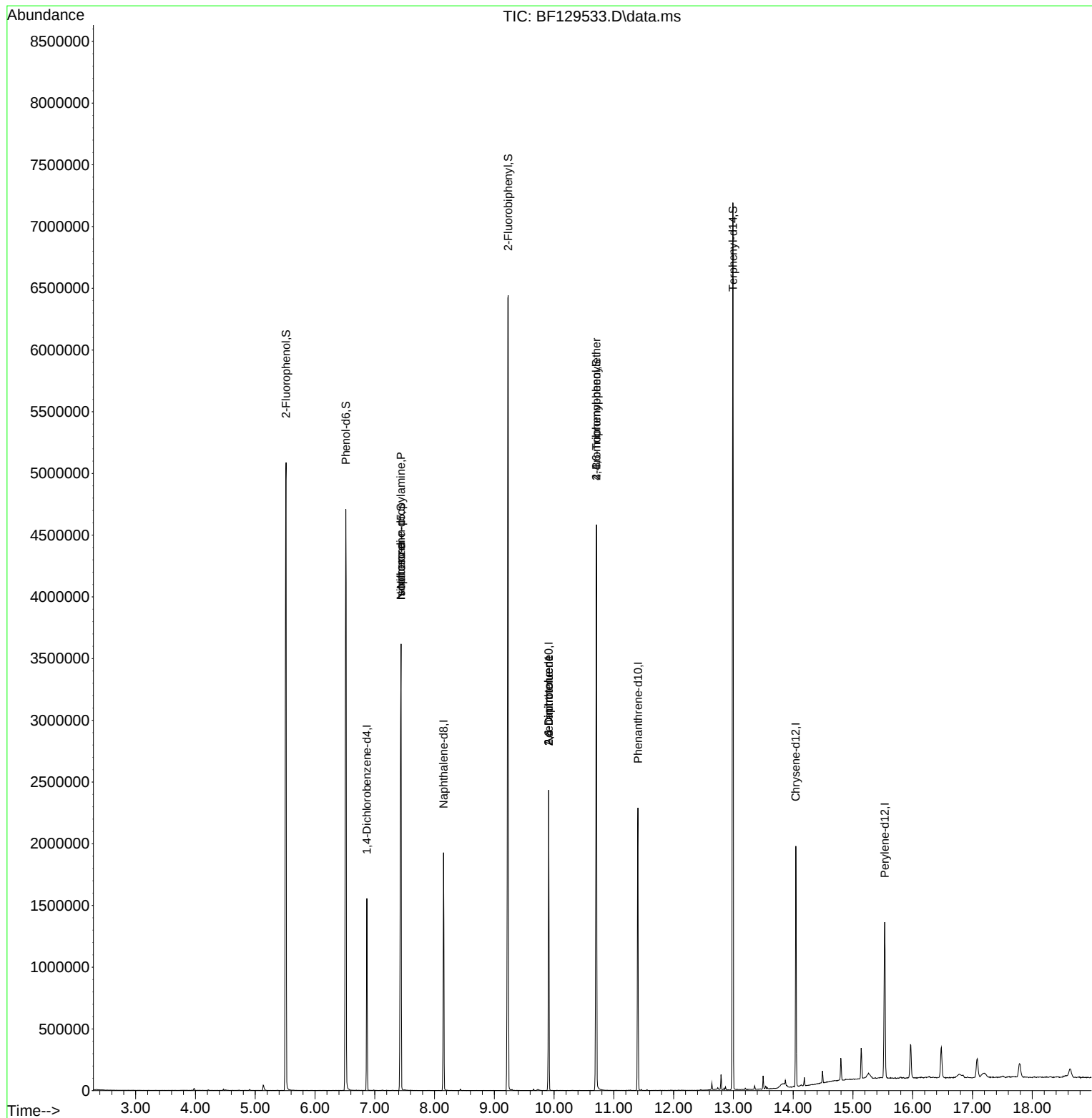
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	206721	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	864534	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	463323	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	821294	20.000	ng	0.00
76) Chrysene-d12	14.045	240	621522	20.000	ng	0.00
86) Perylene-d12	15.533	264	501777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1542001	121.512	ng	0.01
7) Phenol-d6	6.516	99	1982670	124.300	ng	0.00
23) Nitrobenzene-d5	7.439	82	1306338	82.485	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	585974	131.546	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2374000	79.263	ng	0.00
79) Terphenyl-d14	12.992	244	2722435	82.637	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	173555	17.973	ng	Qvalue # 73
25) Isophorone	7.439	82	1306330	46.016	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	60249	8.416	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	60249	6.442	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	36456	4.054	ng	# 1

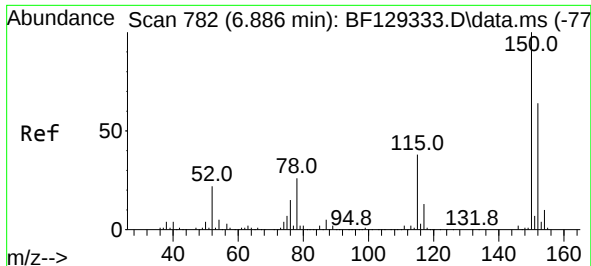
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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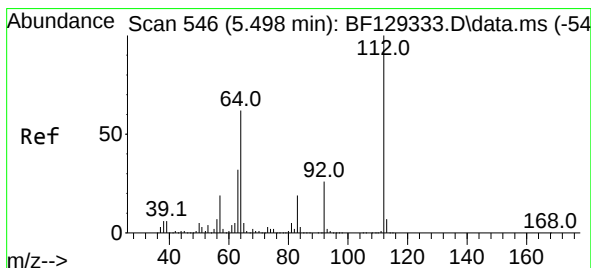
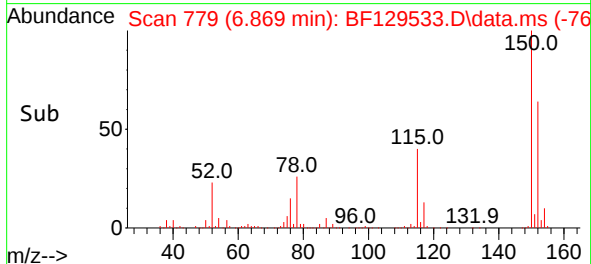
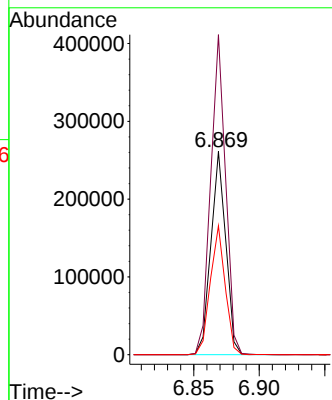
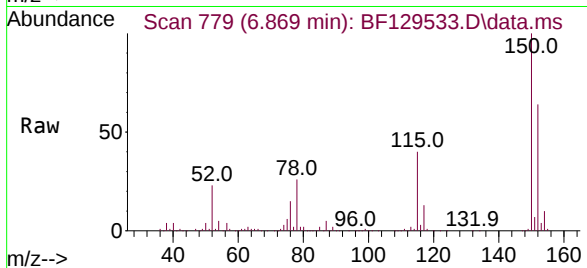




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129533.D
 Acq: 03 Aug 2022 11:00

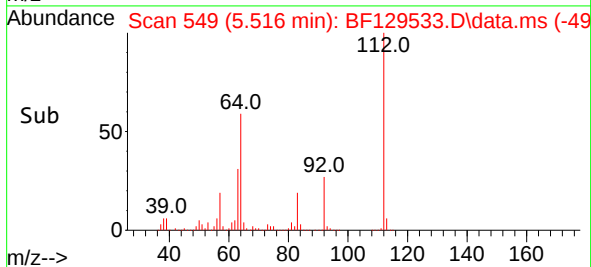
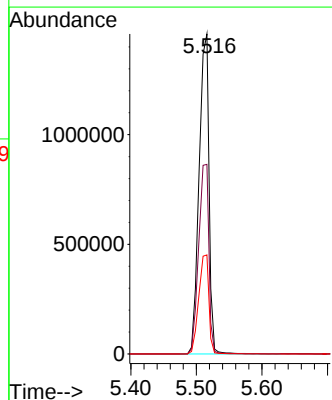
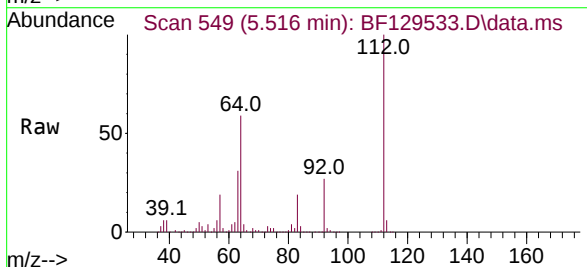
Instrument :
 BNA_F
 ClientSampleId :
 PB146630BL

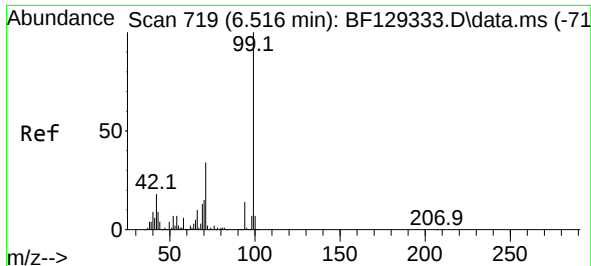
Tgt Ion:152 Resp: 206721
 Ion Ratio Lower Upper
 152 100
 150 157.4 123.7 185.5
 115 63.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.512 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129533.D
 Acq: 03 Aug 2022 11:00

Tgt Ion:112 Resp: 1542001
 Ion Ratio Lower Upper
 112 100
 64 59.3 53.3 79.9
 63 31.0 28.0 42.0

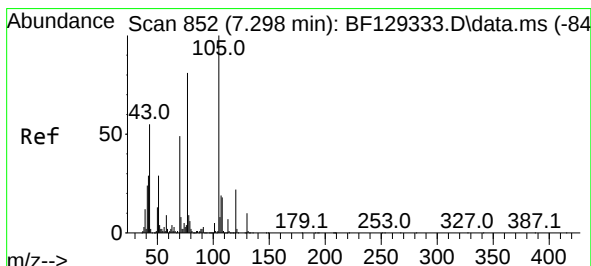
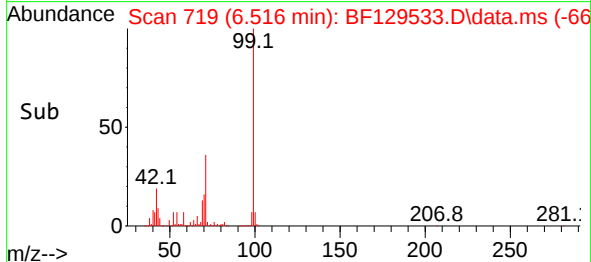
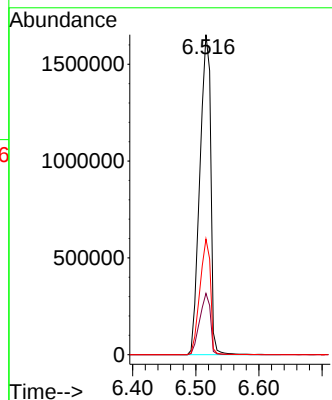
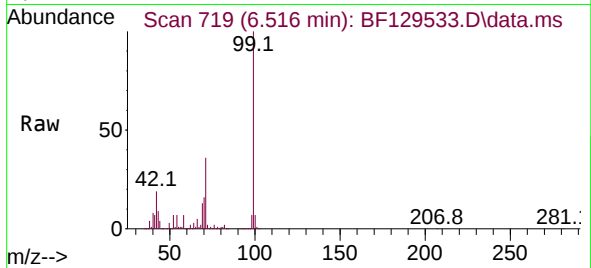




#7
Phenol-d6
Concen: 124.300 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

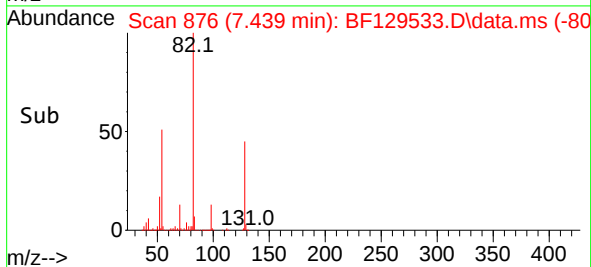
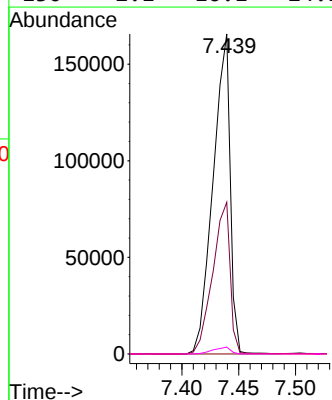
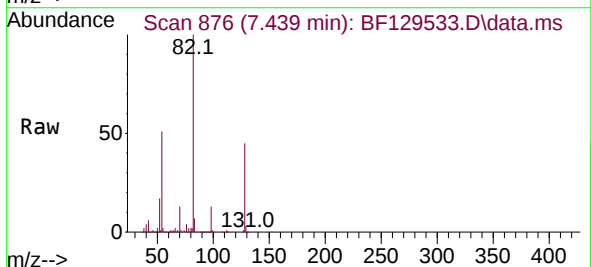
Instrument :
BNA_F
ClientSampleId :
PB146630BL

Tgt Ion: 99 Resp: 1982670
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 36.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.973 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

Tgt Ion: 70 Resp: 173555
Ion Ratio Lower Upper
70 100
42 47.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

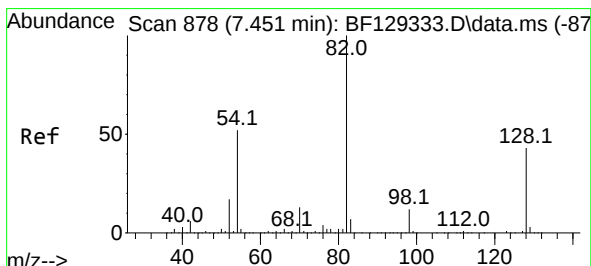
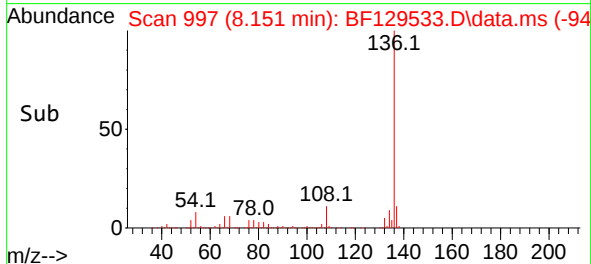
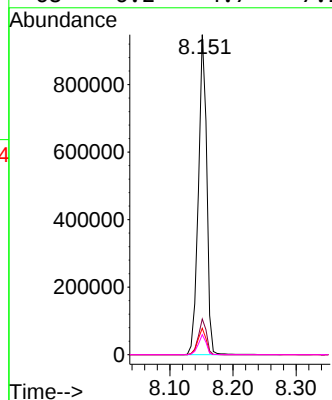
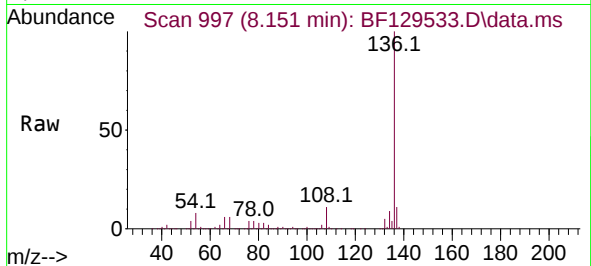




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

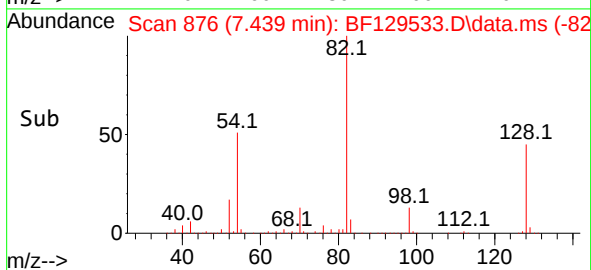
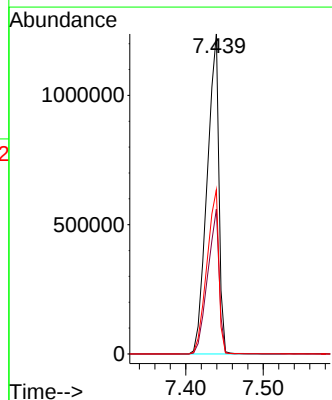
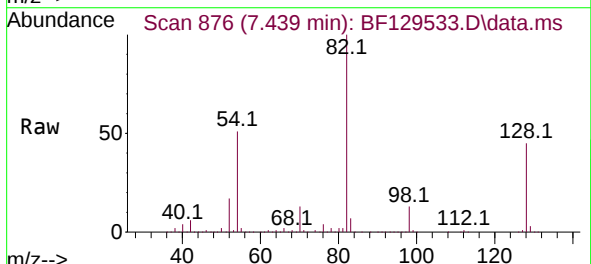
Instrument :
BNA_F
ClientSampleId :
PB146630BL

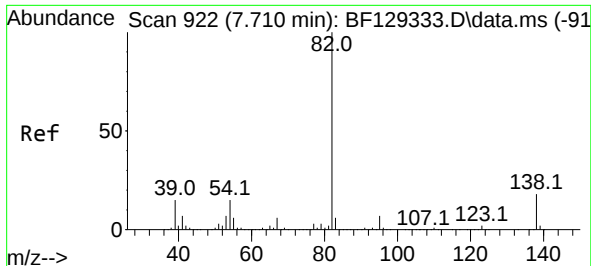
Tgt Ion:136 Resp: 864534
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.485 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

Tgt Ion: 82 Resp: 1306338
Ion Ratio Lower Upper
82 100
128 45.2 34.0 51.0
54 51.3 46.9 70.3

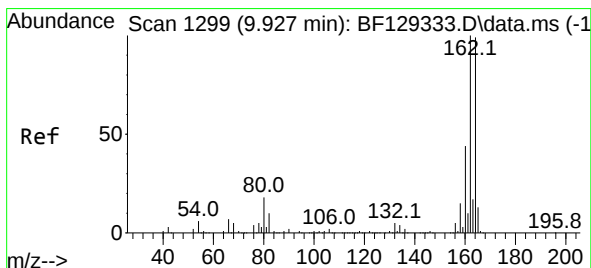
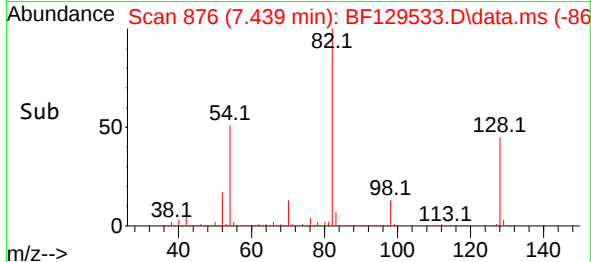
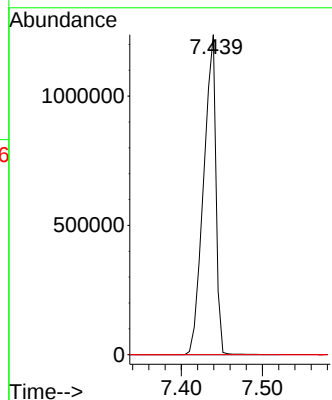
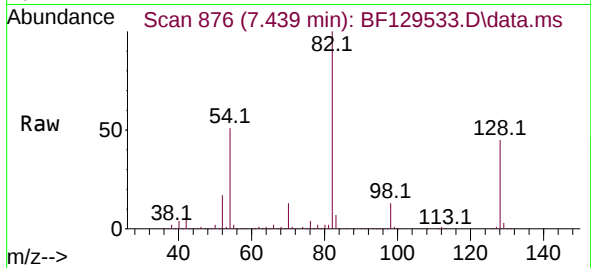




#25
Isophorone
Concen: 46.016 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

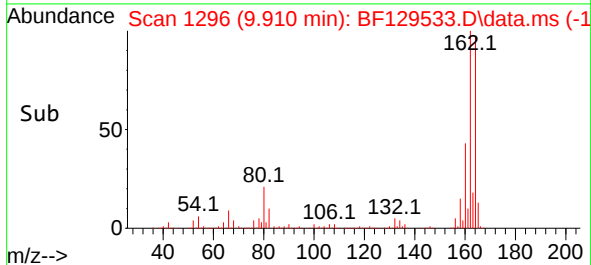
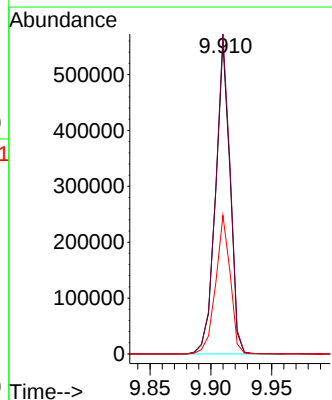
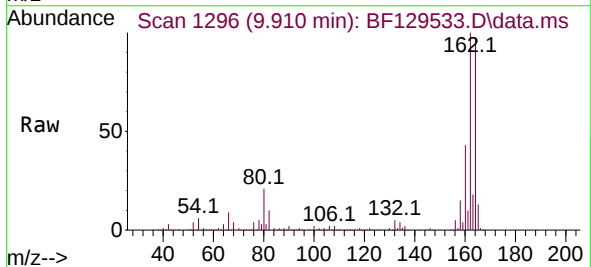
Instrument :
BNA_F
ClientSampleId :
PB146630BL

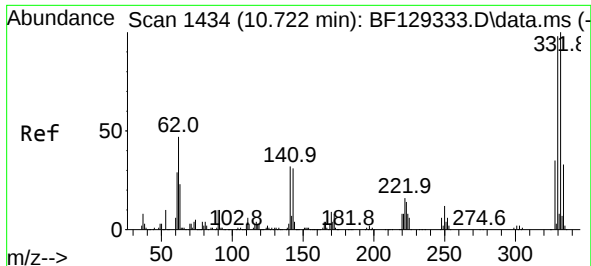
Tgt Ion: 82 Resp: 1306330
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

Tgt Ion: 164 Resp: 463323
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 131.546 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129533.D

Acq: 03 Aug 2022 11:00

Instrument :

BNA_F

ClientSampleId :

PB146630BL

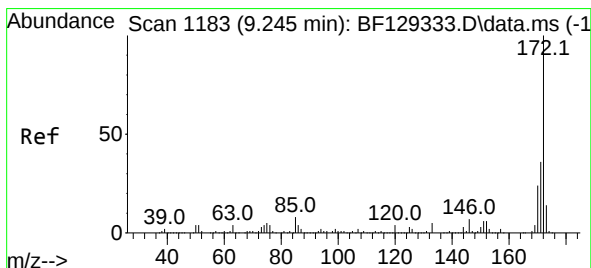
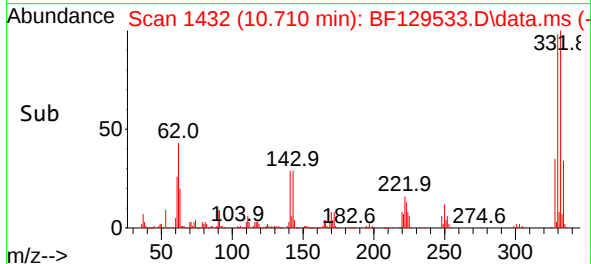
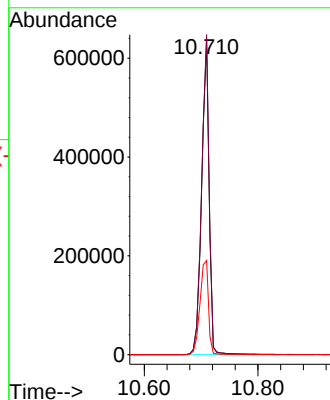
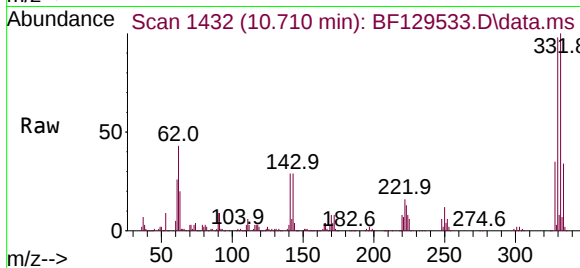
Tgt Ion:330 Resp: 585974

Ion Ratio Lower Upper

330 100

332 101.9 76.8 115.2

141 34.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.263 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129533.D

Acq: 03 Aug 2022 11:00

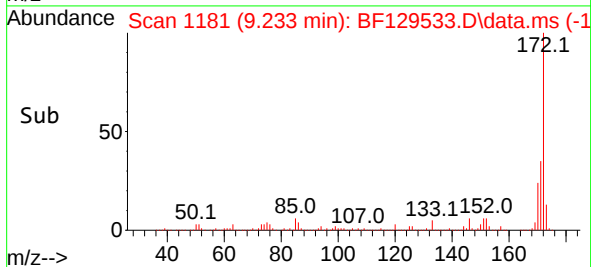
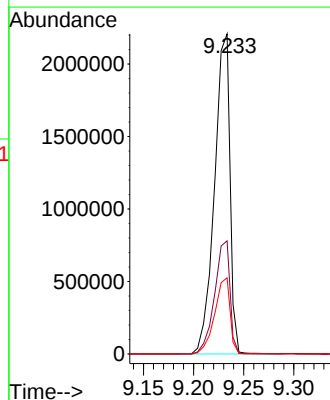
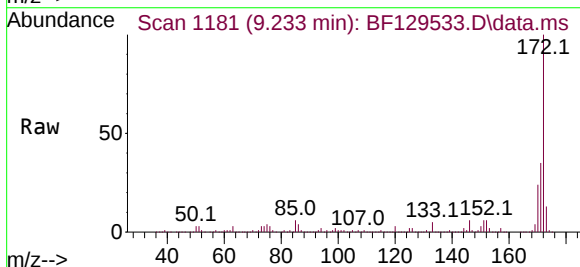
Tgt Ion:172 Resp: 2374000

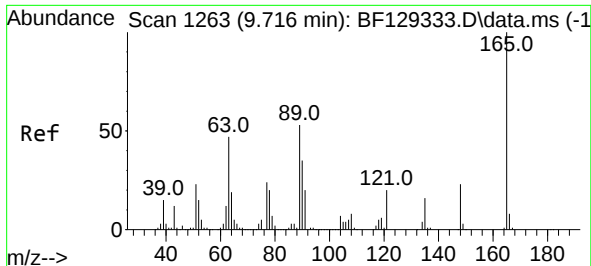
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.8 19.8 29.8

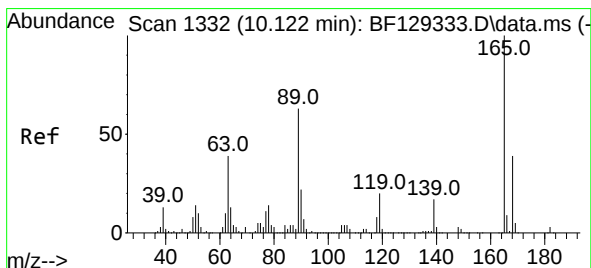
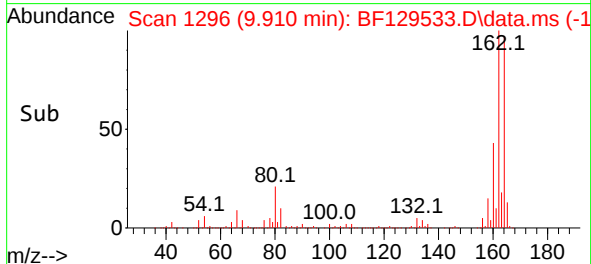
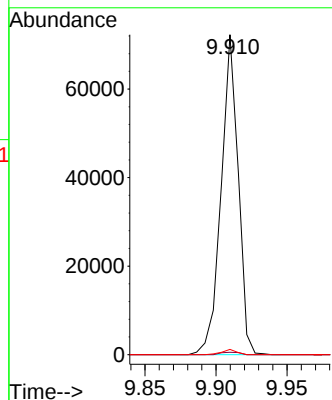
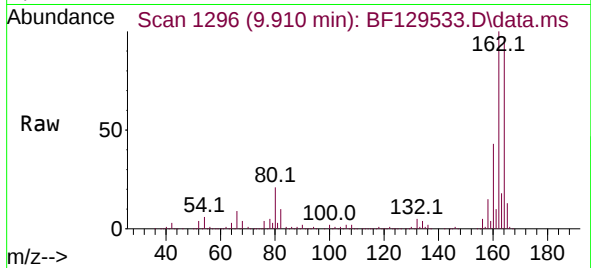




#51
2,6-Dinitrotoluene
Concen: 8.416 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

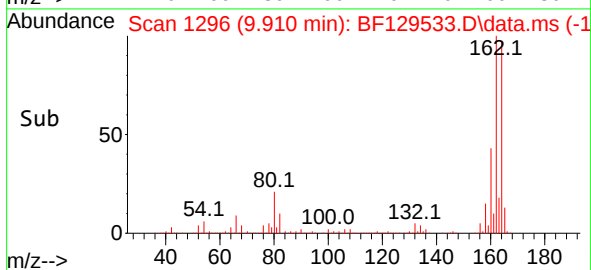
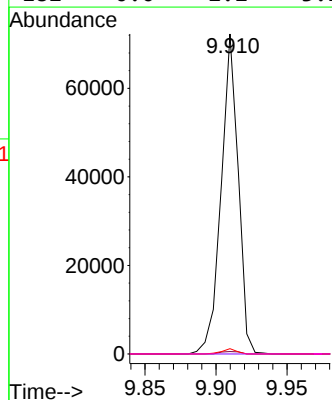
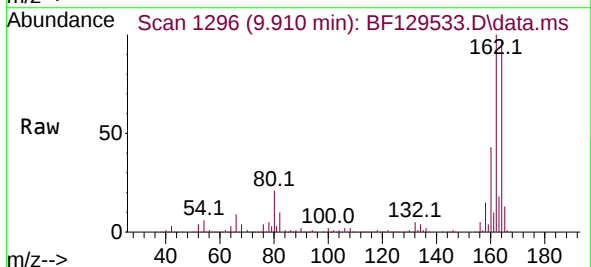
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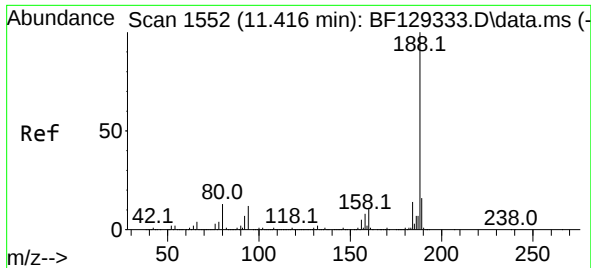
Tgt Ion:165 Resp: 60249
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.442 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

Tgt Ion:165 Resp: 60249
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

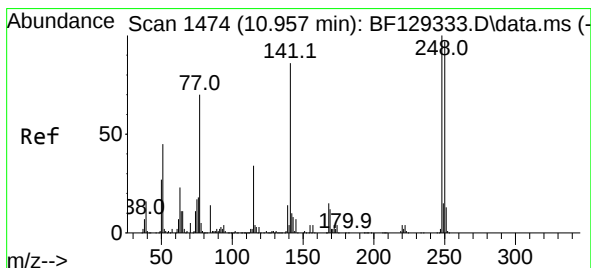
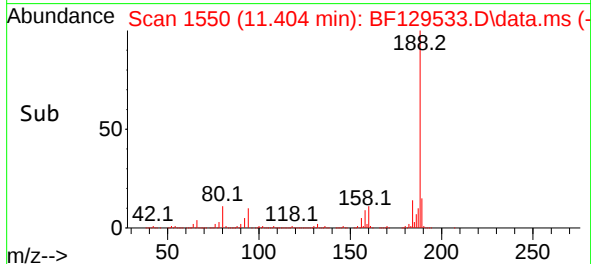
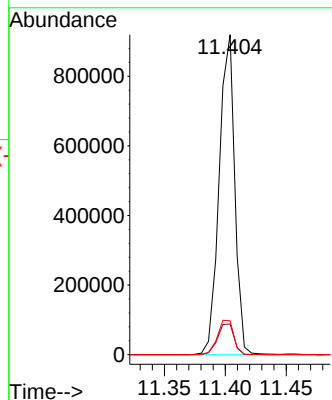
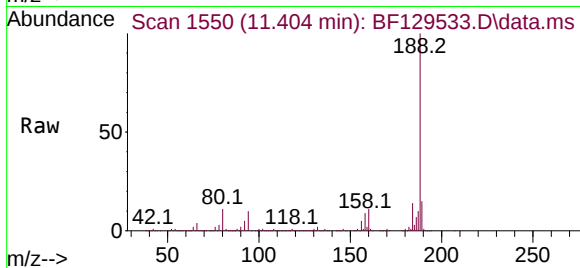




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

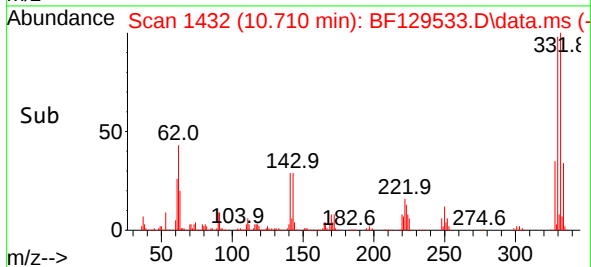
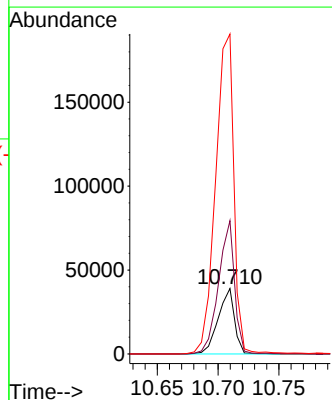
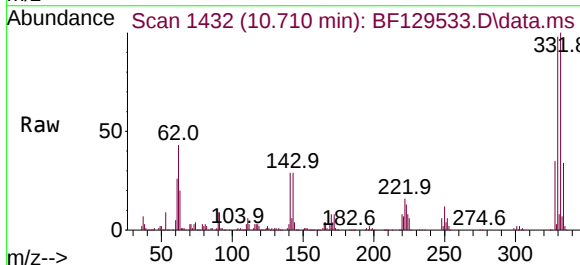
Instrument :
BNA_F
ClientSampleId :
PB146630BL

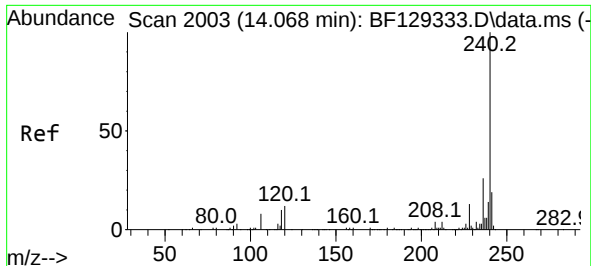
Tgt Ion:188 Resp: 821294
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.054 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.235 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

Tgt Ion:248 Resp: 36456
Ion Ratio Lower Upper
248 100
250 203.9 80.6 120.8#
141 489.3 58.9 88.3#

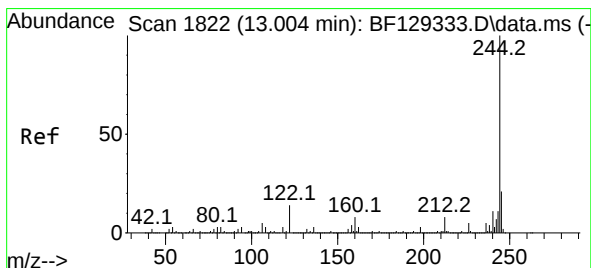
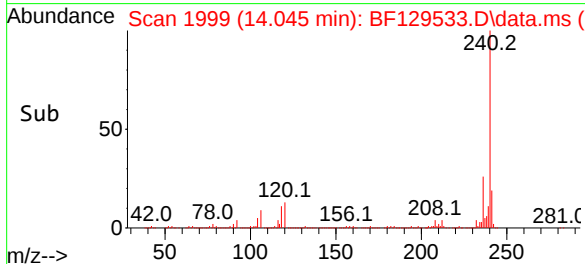
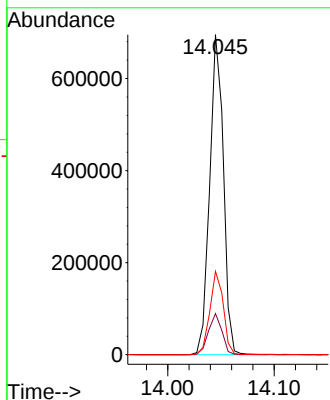
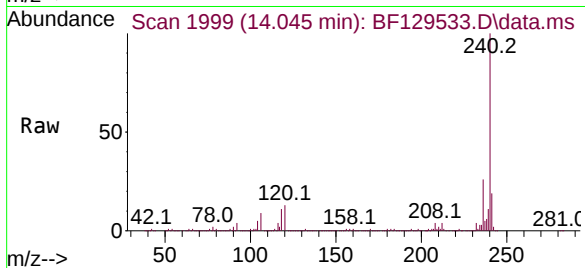




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

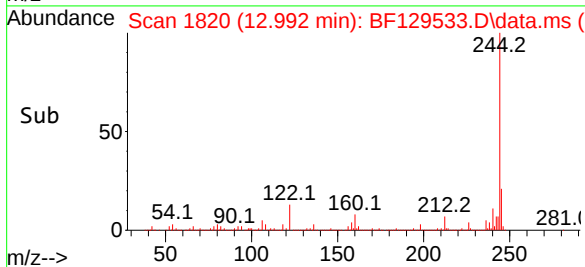
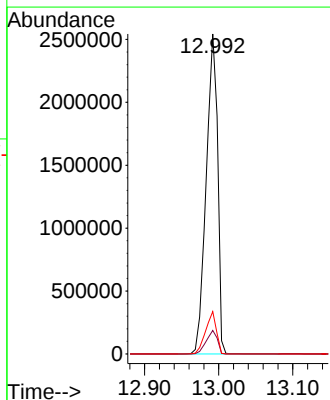
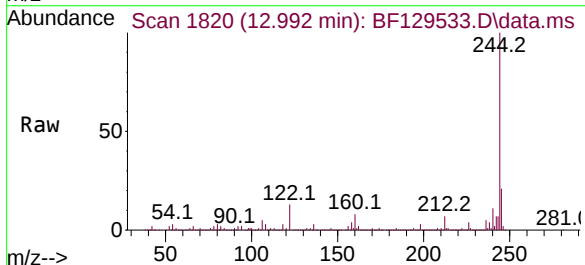
Instrument :
BNA_F
ClientSampleId :
PB146630BL

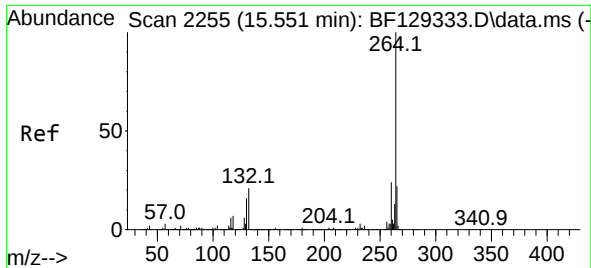
Tgt Ion:240 Resp: 621522
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 82.637 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

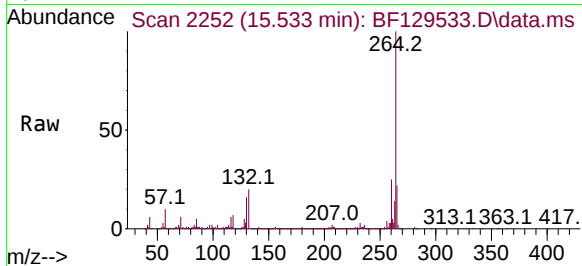
Tgt Ion:244 Resp: 2722435
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.2 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129533.D
Acq: 03 Aug 2022 11:00

Instrument :
BNA_F
ClientSampleId :
PB146630BL



Tgt Ion:264 Resp: 501777

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.4	27.6
265	21.7	17.2	25.8

