

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129433.D
 Acq On : 29 Jul 2022 10:13
 Operator : CG\JU
 Sample : PB146528BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146528BL

Quant Time: Jul 29 18:18:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

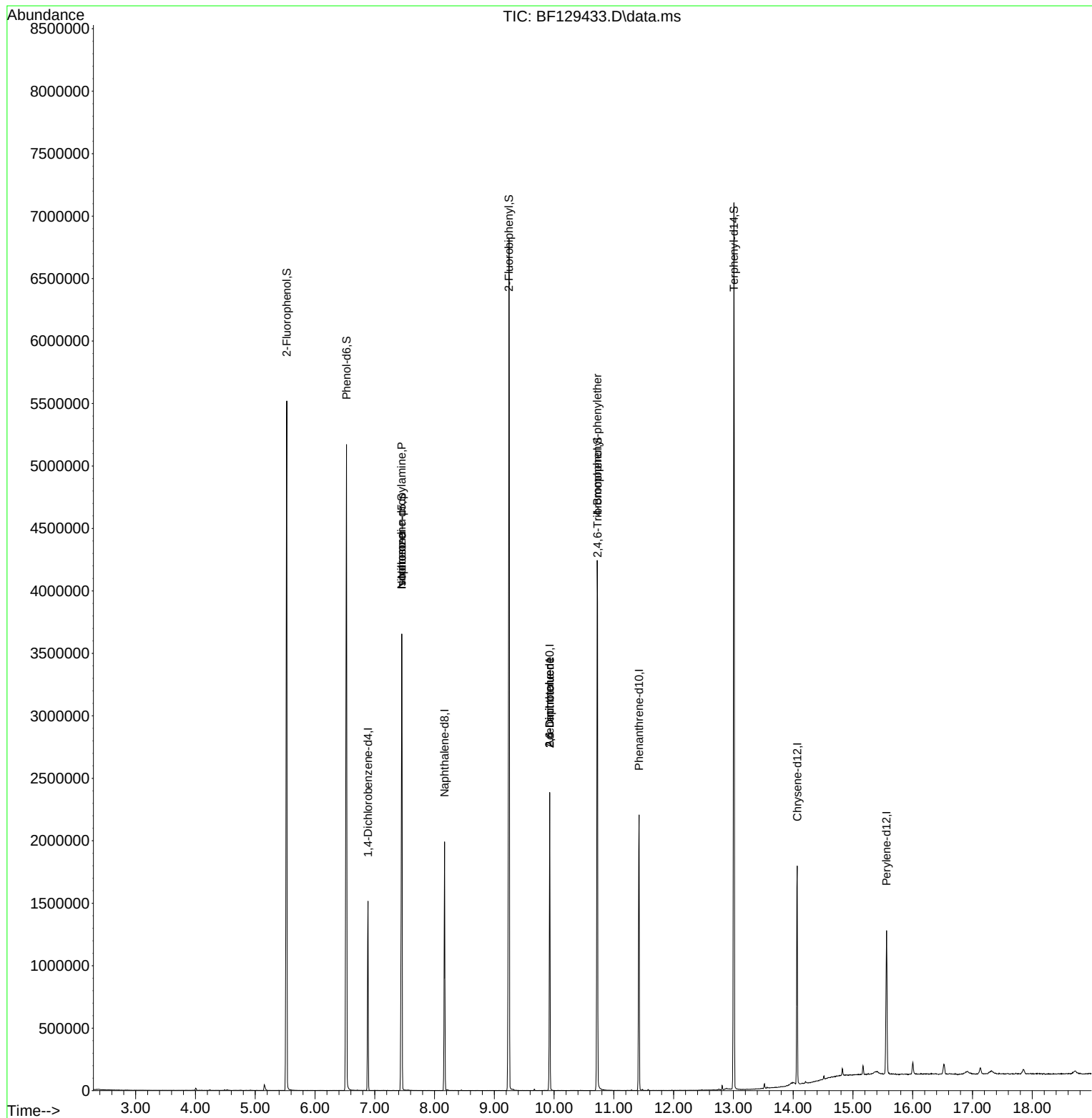
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	206818	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	852446	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	462478	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	801109	20.000	ng	0.00
76) Chrysene-d12	14.068	240	601473	20.000	ng	0.00
86) Perylene-d12	15.562	264	487731	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1627337	128.177	ng	0.03
7) Phenol-d6	6.528	99	2042448	127.988	ng	0.01
23) Nitrobenzene-d5	7.451	82	1367898	87.597	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	564038	126.853	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2358618	78.894	ng	0.00
79) Terphenyl-d14	13.010	244	2622372	82.253	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	183421	18.986	ng	# 75
25) Isophorone	7.451	82	1362530	48.677	ng	# 65
51) 2,6-Dinitrotoluene	9.927	165	60236	8.430	ng	# 25
57) 2,4-Dinitrotoluene	9.927	165	60236	6.453	ng	# 21
67) 4-Bromophenyl-phenylether	10.721	248	35989	4.103	ng	# 1

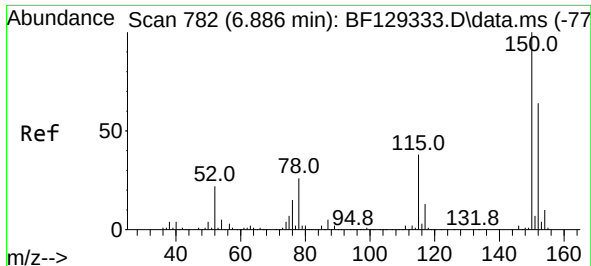
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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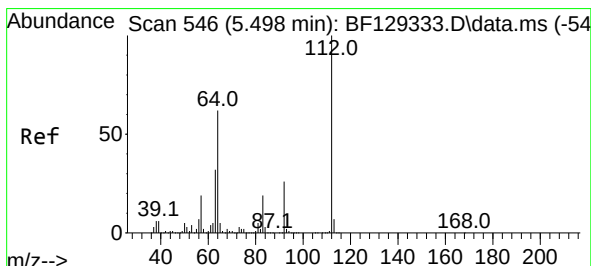
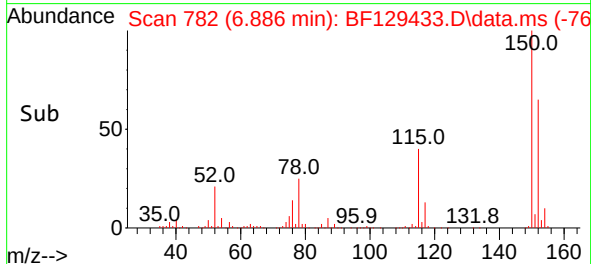
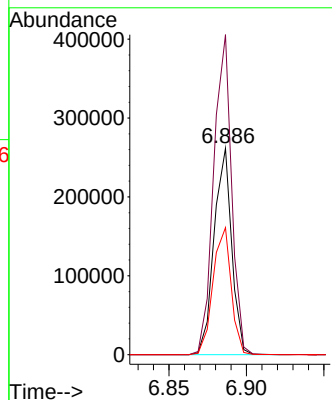
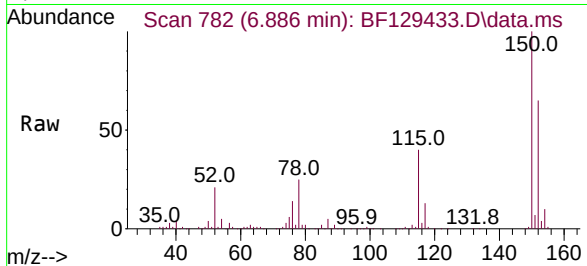




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129433.D
 Acq: 29 Jul 2022 10:13

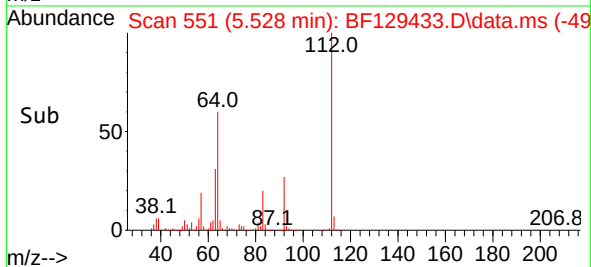
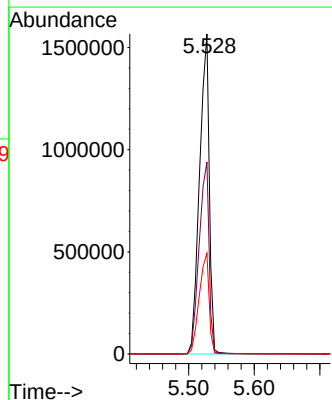
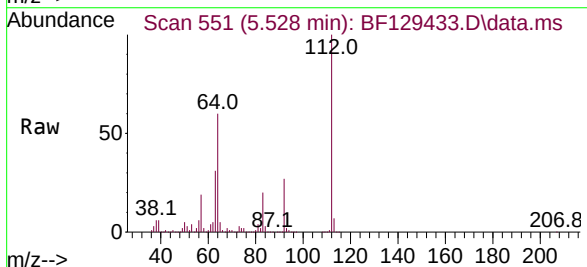
Instrument :
 BNA_F
 ClientSampleId :
 PB146528BL

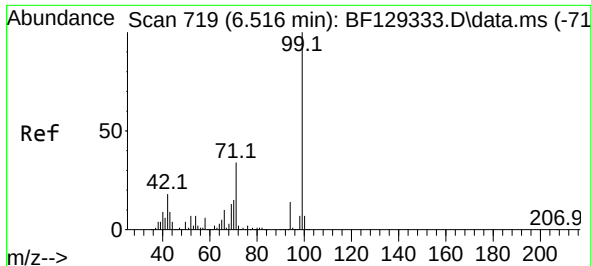
Tgt Ion:152 Resp: 206818
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.7 185.5
 115 61.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 128.177 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.029 min
 Lab File: BF129433.D
 Acq: 29 Jul 2022 10:13

Tgt Ion:112 Resp: 1627337
 Ion Ratio Lower Upper
 112 100
 64 60.0 53.3 79.9
 63 31.5 28.0 42.0

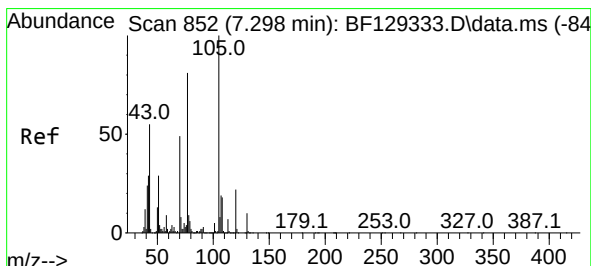
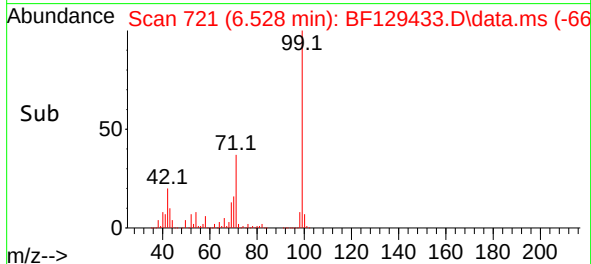
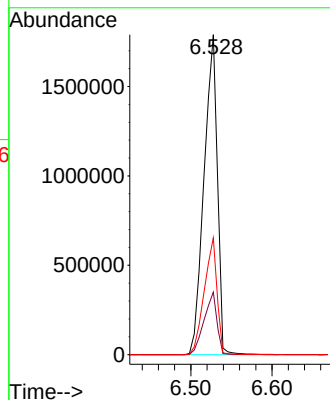
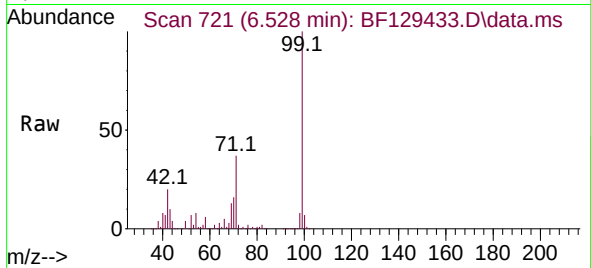




#7
Phenol-d6
Concen: 127.988 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

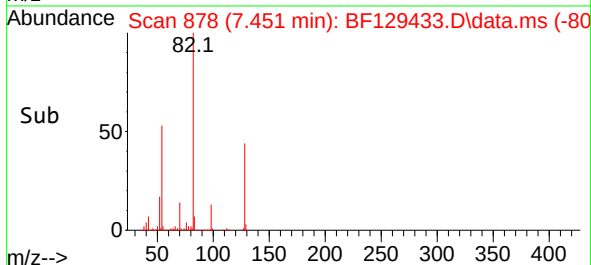
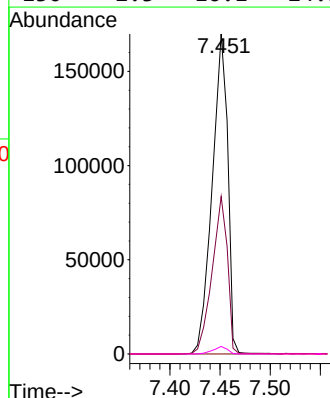
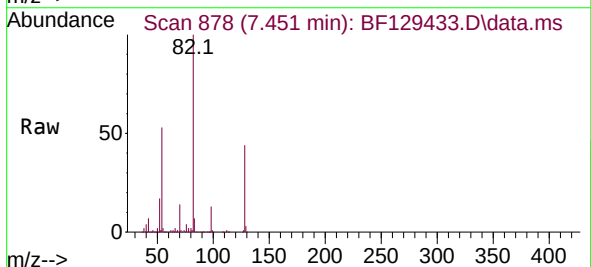
Instrument :
BNA_F
ClientSampleId :
PB146528BL

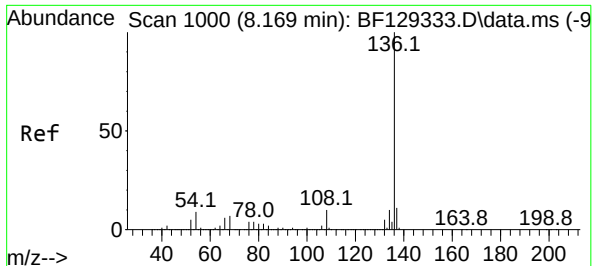
Tgt Ion: 99 Resp: 2042448
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 36.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.986 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion: 70 Resp: 183421
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



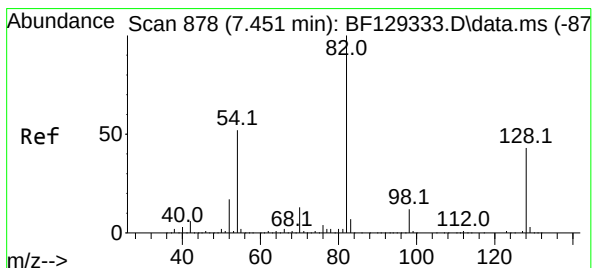
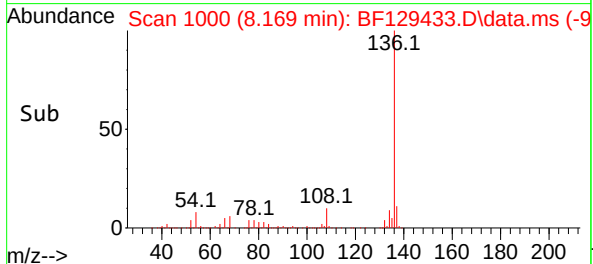
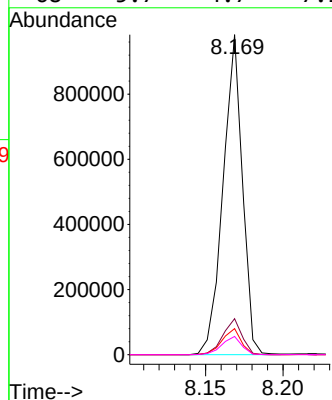
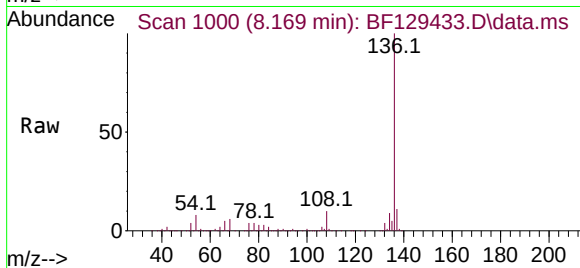


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Instrument :
BNA_F
ClientSampleId :
PB146528BL

Tgt Ion:136 Resp: 852446

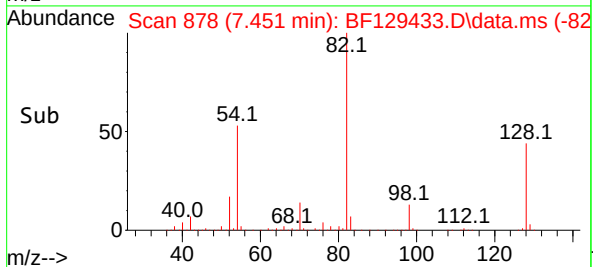
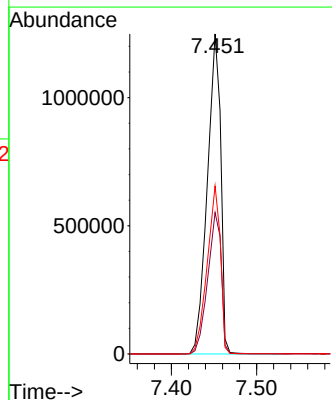
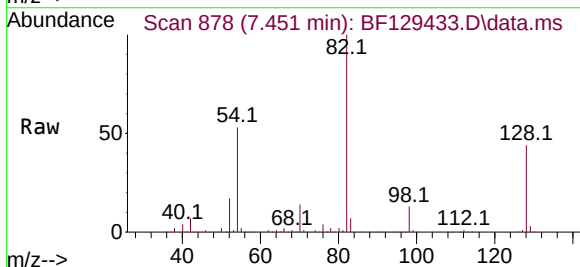
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	7.5	11.3
68	5.7	4.7	7.1

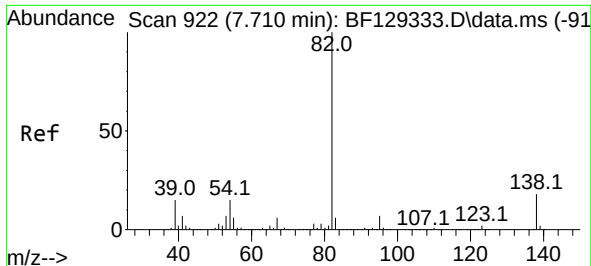


#23
Nitrobenzene-d5
Concen: 87.597 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion: 82 Resp: 1367898

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	52.5	46.9	70.3

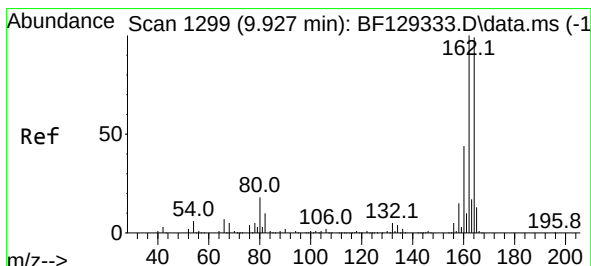
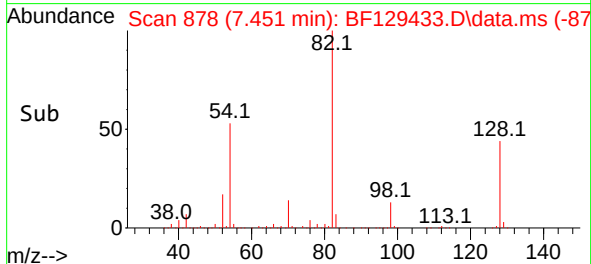
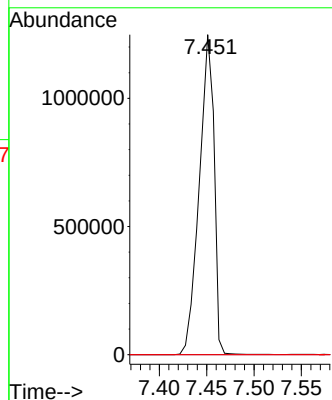
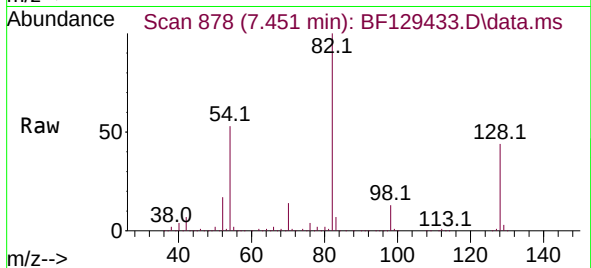




#25
Isophorone
Concen: 48.677 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

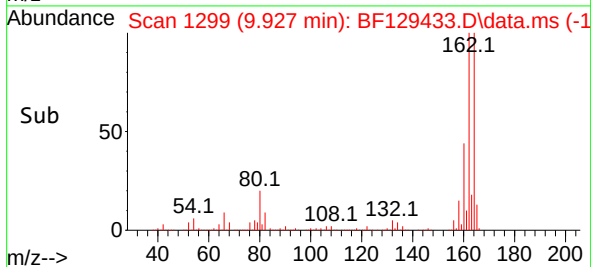
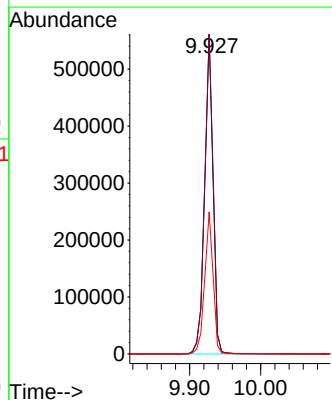
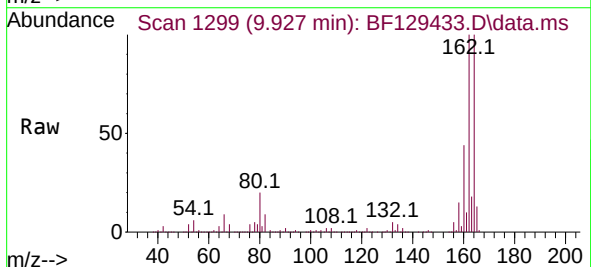
Instrument :
BNA_F
ClientSampleId :
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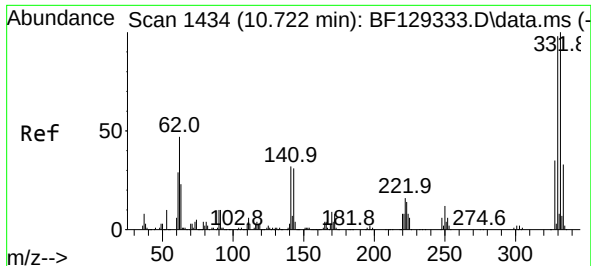
Tgt Ion: 82 Resp: 1362530
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion:164 Resp: 462478
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.4 34.2 51.4

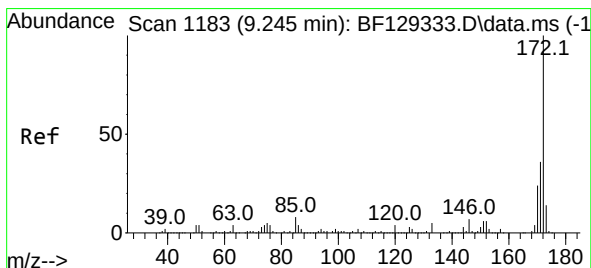
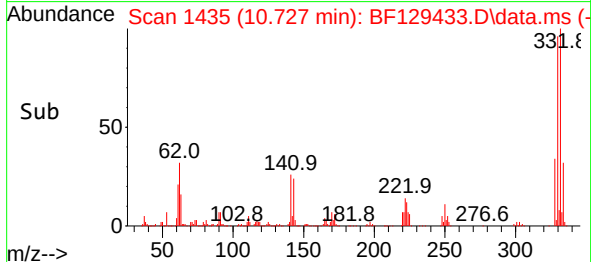
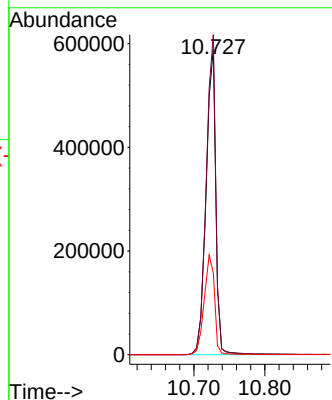
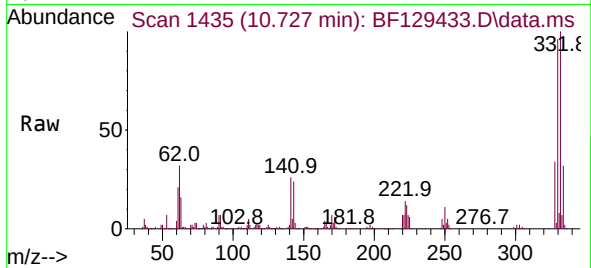




#42
2,4,6-Tribromophenol
Concen: 126.853 ng
RT: 10.727 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

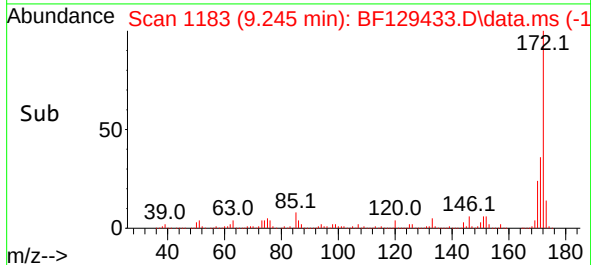
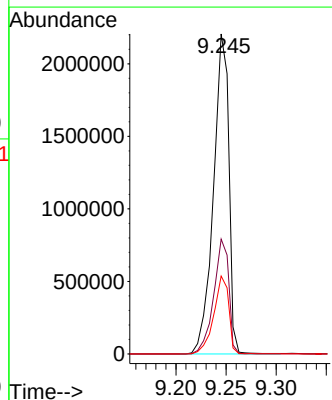
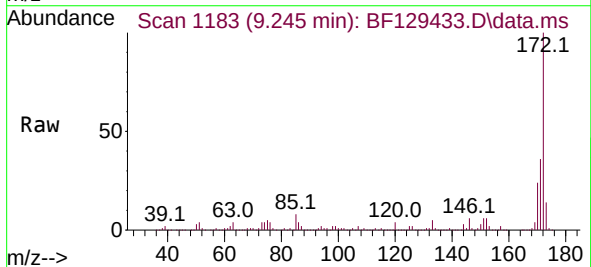
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PB146528BL

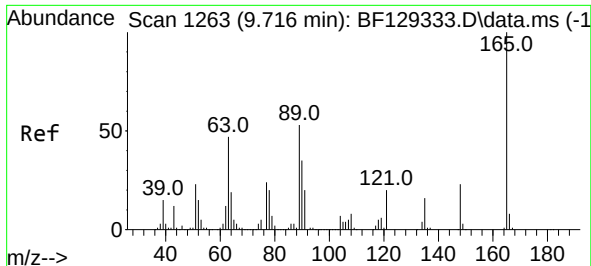
Tgt Ion:330 Resp: 564038
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 34.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.894 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion:172 Resp: 2358618
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.8 29.8

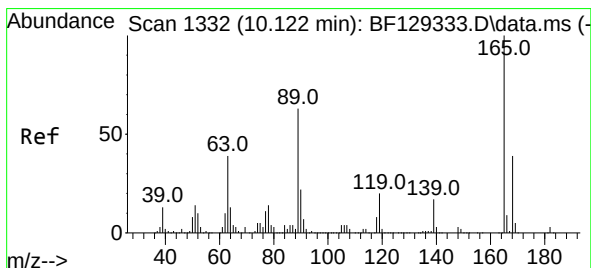
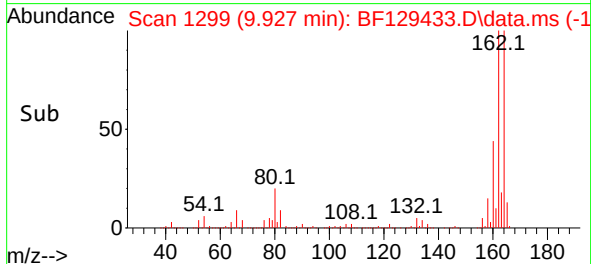
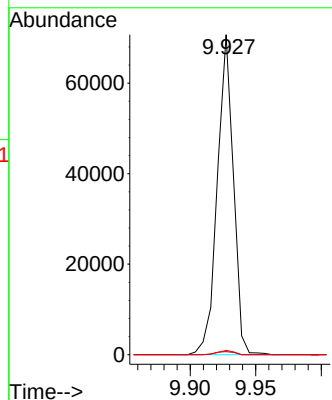
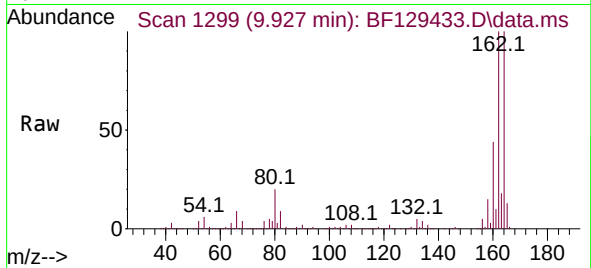




#51
2,6-Dinitrotoluene
Concen: 8.430 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.212 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

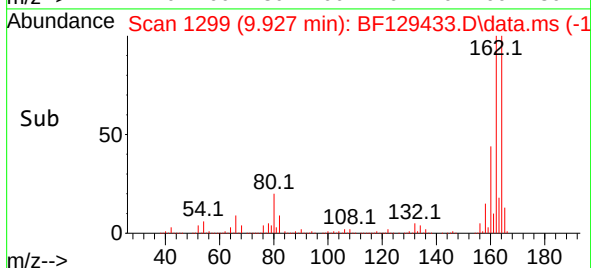
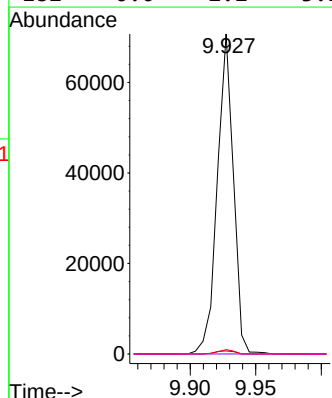
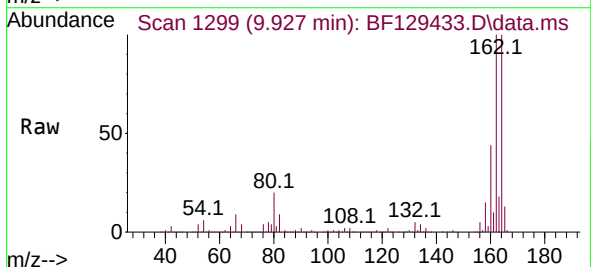
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ClientSampleId :
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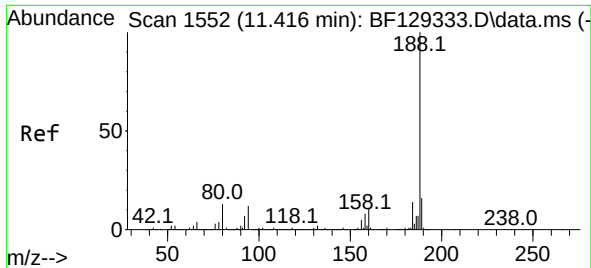
Tgt Ion:165 Resp: 60236
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.453 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.194 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion:165 Resp: 60236
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

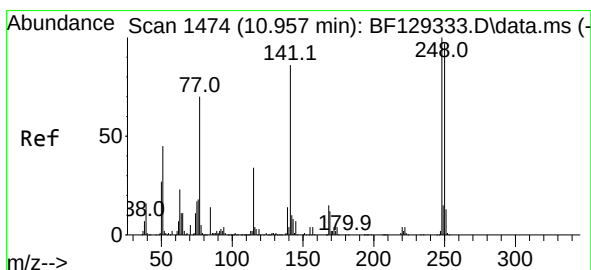
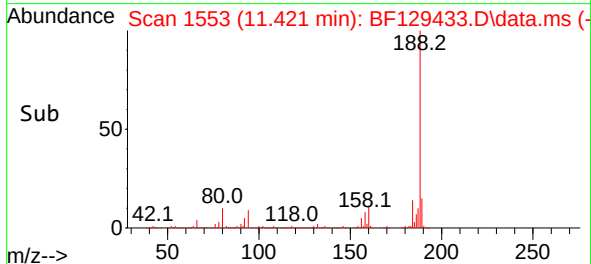
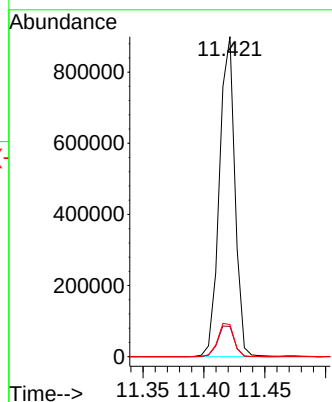
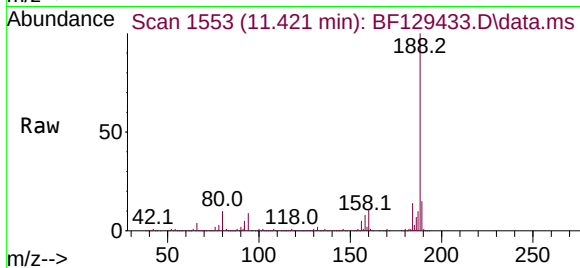




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

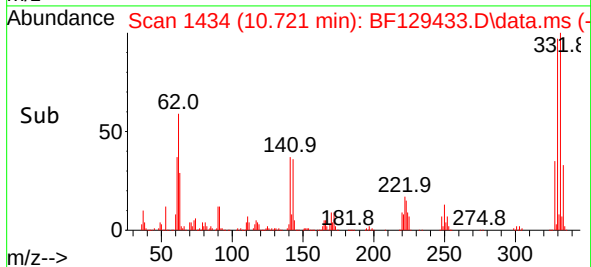
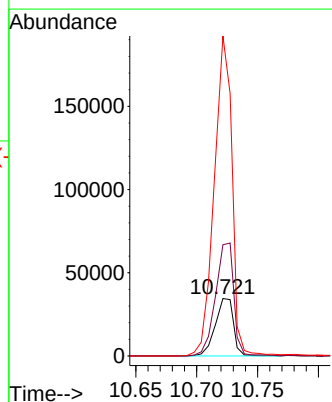
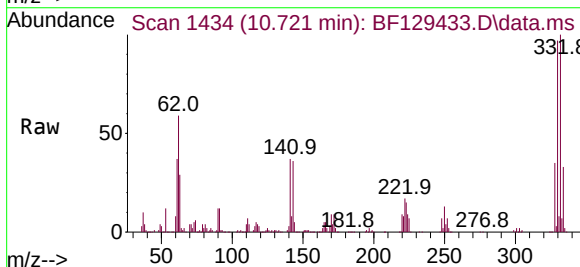
Instrument :
BNA_F
ClientSampleId :
PB146528BL

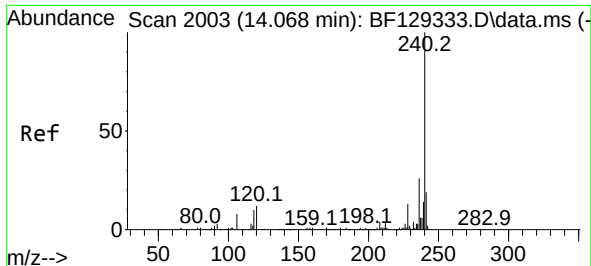
Tgt Ion:188 Resp: 801109
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.103 ng
RT: 10.721 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion:248 Resp: 35989
Ion Ratio Lower Upper
248 100
250 193.7 80.6 120.8#
141 557.2 58.9 88.3#

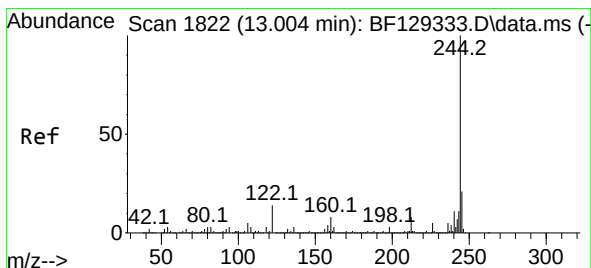
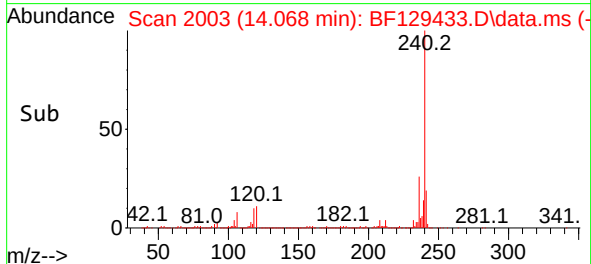
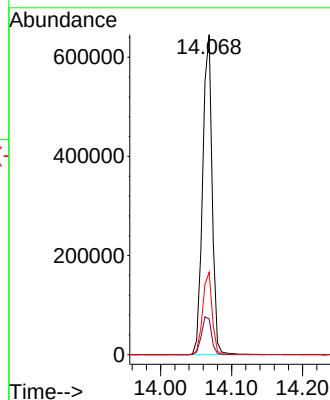
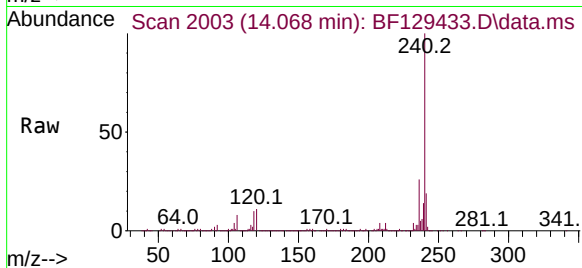




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

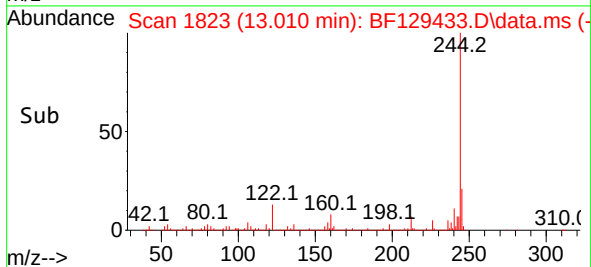
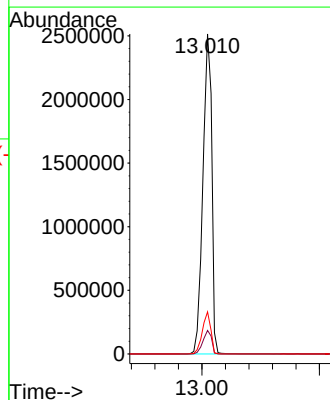
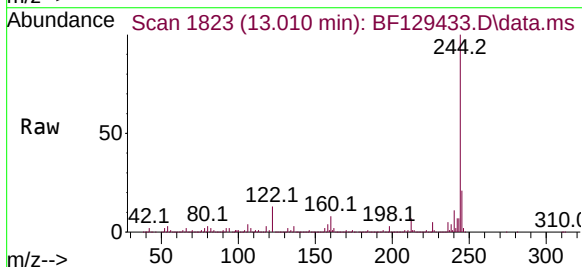
Instrument :
BNA_F
ClientSampleId :
PB146528BL

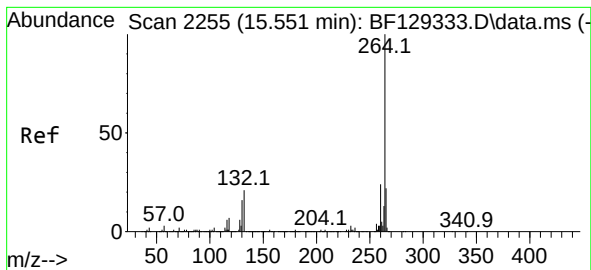
Tgt Ion:240 Resp: 601473
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 82.253 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Tgt Ion:244 Resp: 2622372
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129433.D
Acq: 29 Jul 2022 10:13

Instrument :
BNA_F
ClientSampleId :
PB146528BL

Tgt Ion:264 Resp: 487731

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	21.4	17.2	25.8

