

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129299.D
 Acq On : 21 Jul 2022 16:34
 Operator : CG\JU
 Sample : PB145925BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145925BL

Quant Time: Jul 21 17:09:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

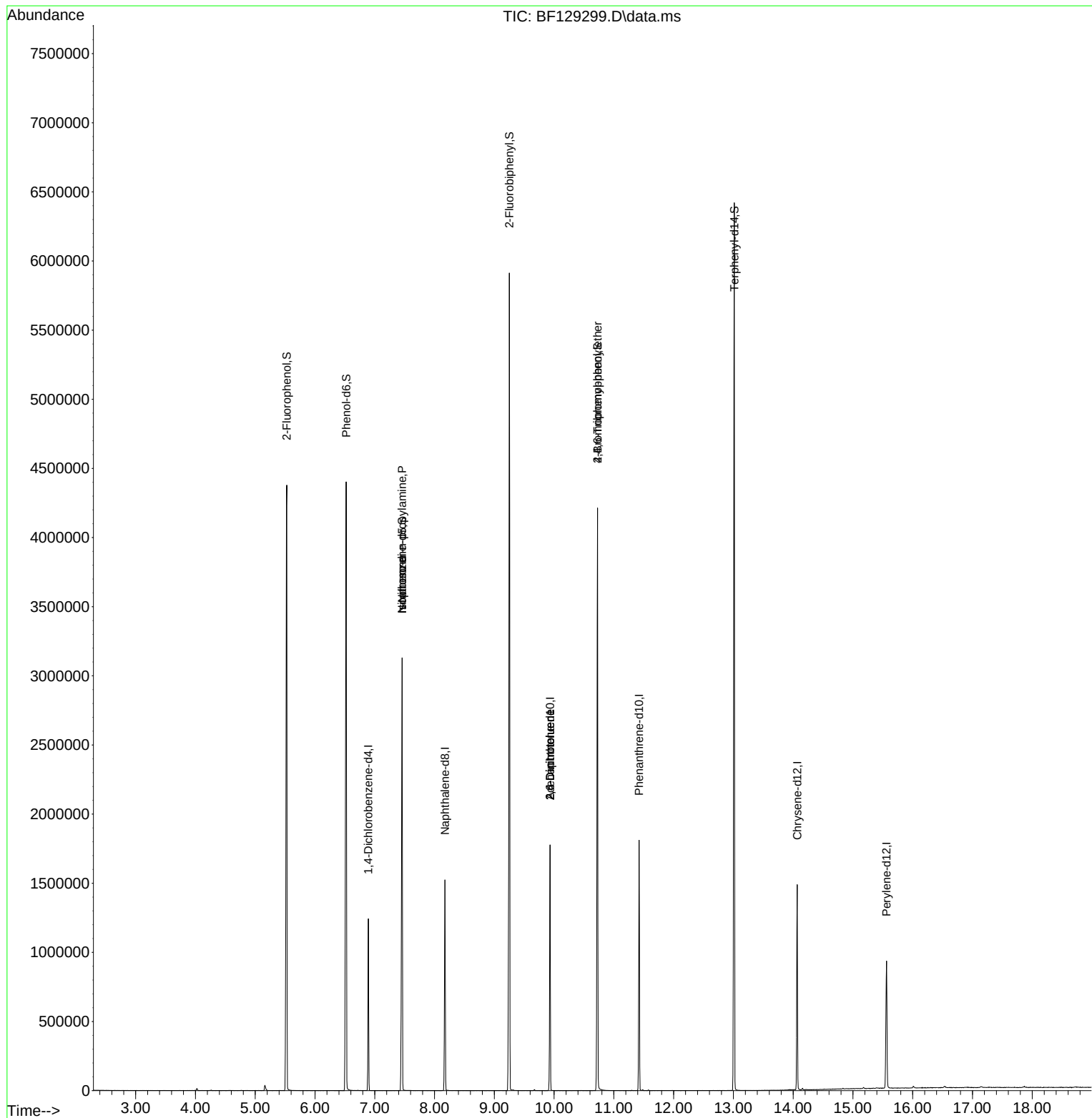
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	161242	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	645809	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	345344	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	601051	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	477308	20.000	ng	-0.01
86) Perylene-d12	15.562	264	403548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1313198	132.836	ng	0.01
7) Phenol-d6	6.522	99	1663469	131.999	ng	0.00
23) Nitrobenzene-d5	7.457	82	1088959	90.716	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	483084	144.989	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1928008	85.884	ng	0.00
79) Terphenyl-d14	13.015	244	2215286	86.440	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	148655	19.798	ng	# 76
25) Isophorone	7.457	82	1088950	51.670	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	45154	8.500	ng	# 26
57) 2,4-Dinitrotoluene	9.933	165	45154	6.483	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	31179	4.808	ng	# 1

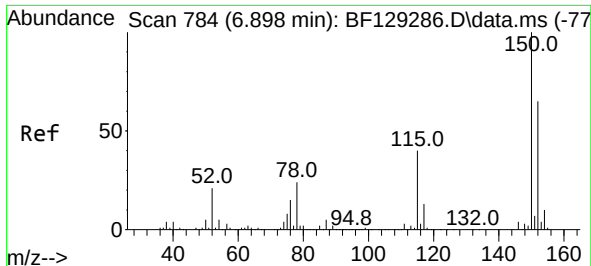
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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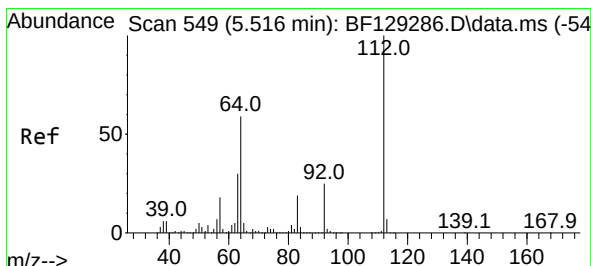
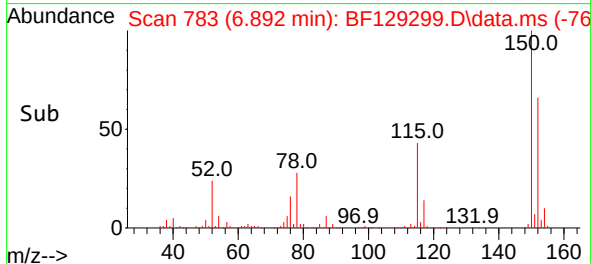
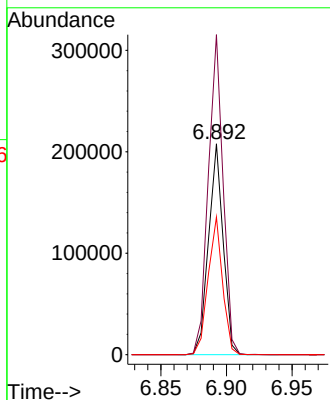
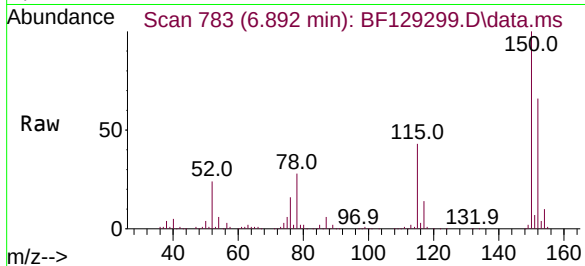




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

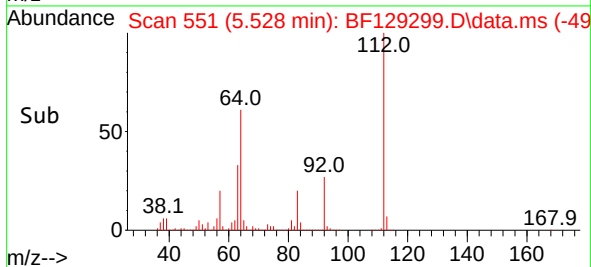
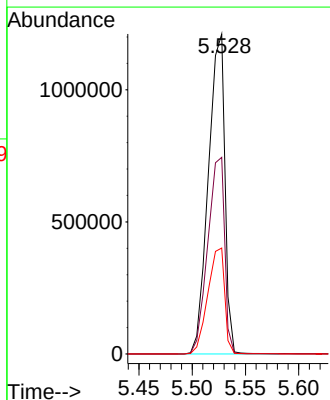
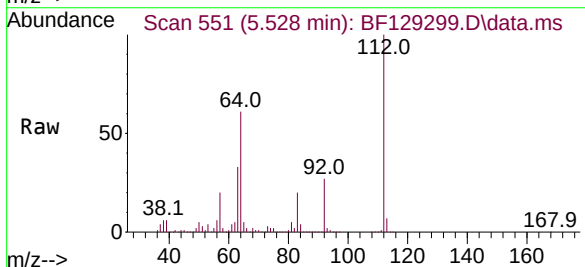
Instrument :
BNA_F
ClientSampleId :
PB145925BL

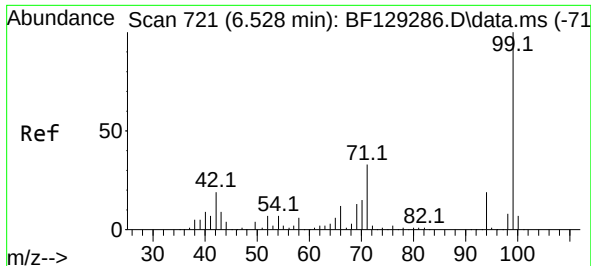
Tgt Ion:152 Resp: 161242
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 132.836 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion:112 Resp: 1313198
Ion Ratio Lower Upper
112 100
64 61.4 53.3 79.9
63 33.1 28.0 42.0





#7

Phenol-d6

Concen: 131.999 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129299.D

Acq: 21 Jul 2022 16:34

Instrument :

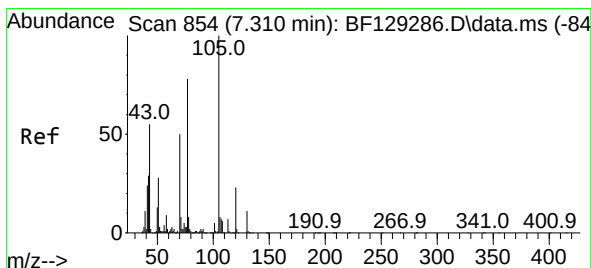
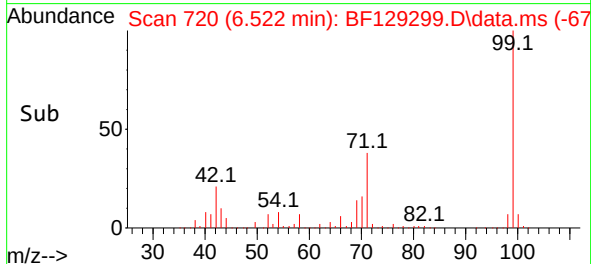
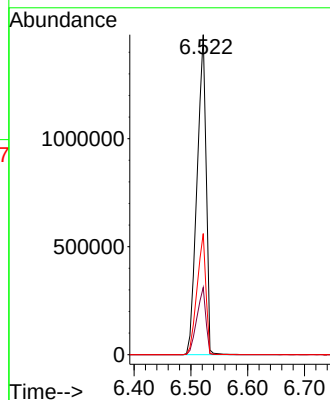
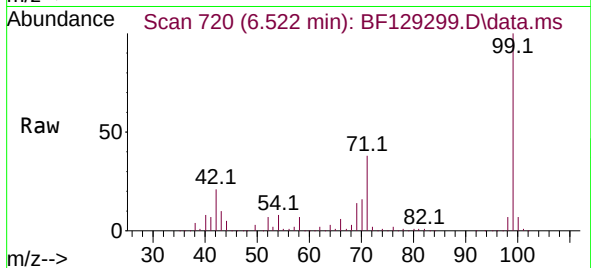
BNA_F

ClientSampleId :

PB145925BL

Tgt Ion: 99 Resp: 1663469

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.3	25.9
71	37.8	28.9	43.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.798 ng

RT: 7.457 min Scan# 879

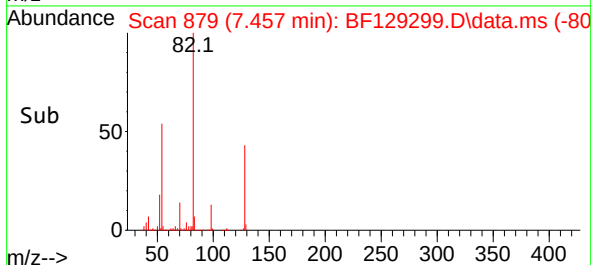
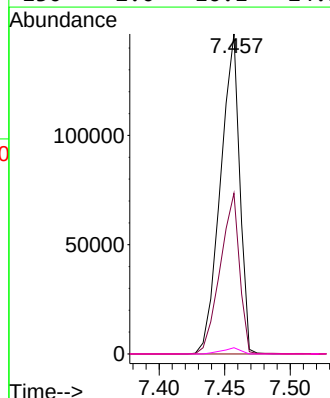
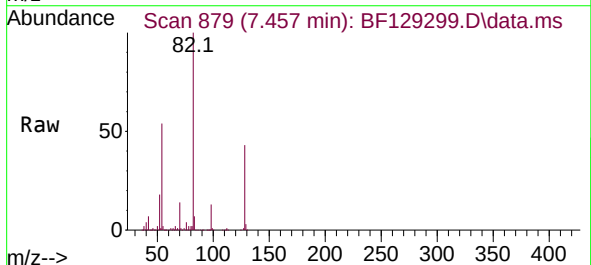
Delta R.T. 0.147 min

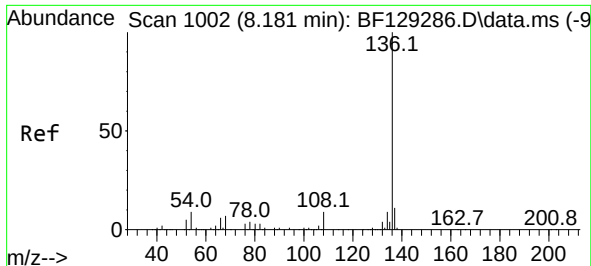
Lab File: BF129299.D

Acq: 21 Jul 2022 16:34

Tgt Ion: 70 Resp: 148655

Ion	Ratio	Lower	Upper
70	100		
42	50.2	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



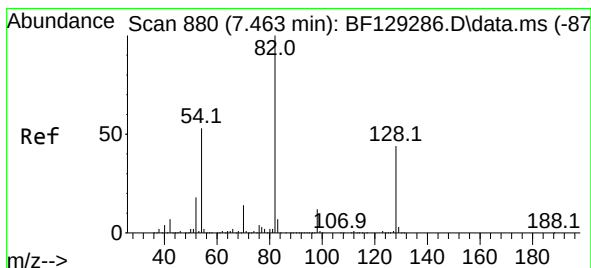
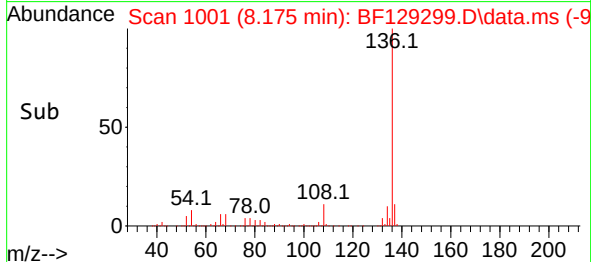
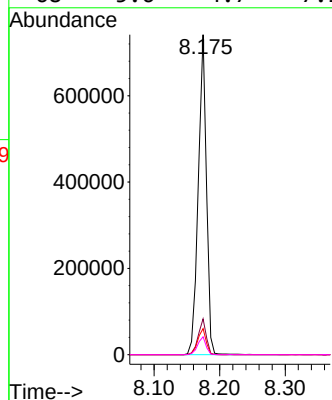
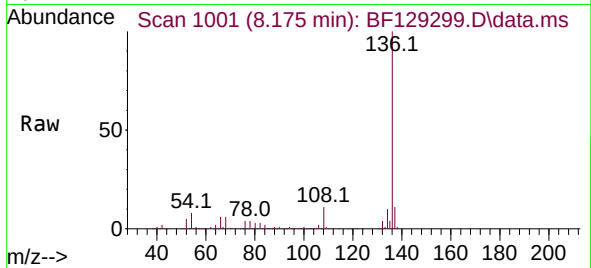


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Instrument :
BNA_F
ClientSampleId :
PB145925BL

Tgt Ion:136 Resp: 645809

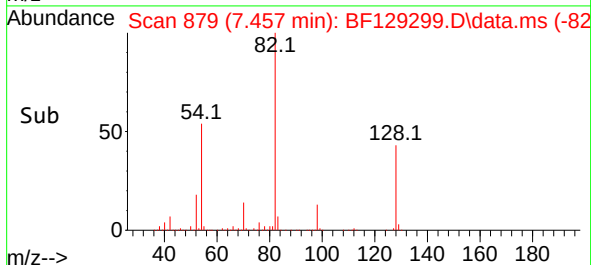
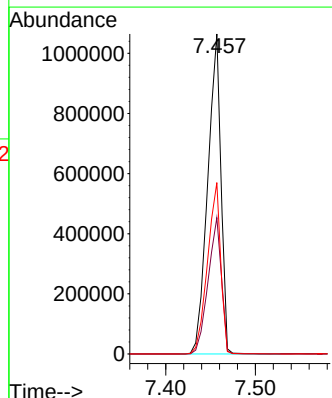
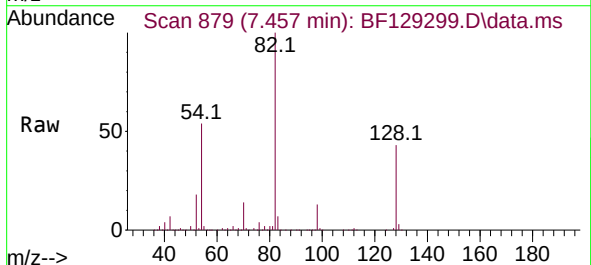
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	7.5	11.3
68	5.6	4.7	7.1

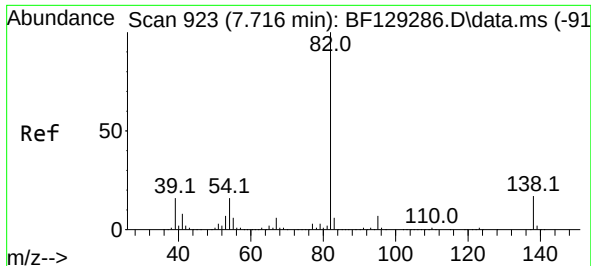


#23
Nitrobenzene-d5
Concen: 90.716 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion: 82 Resp: 1088959

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.0	51.0
54	53.5	46.9	70.3

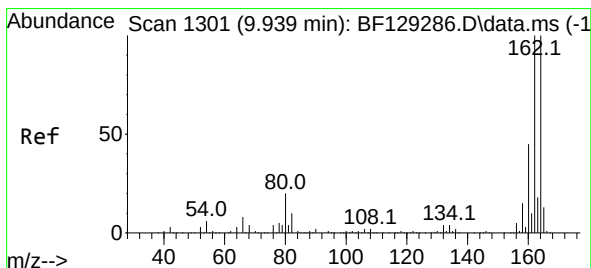
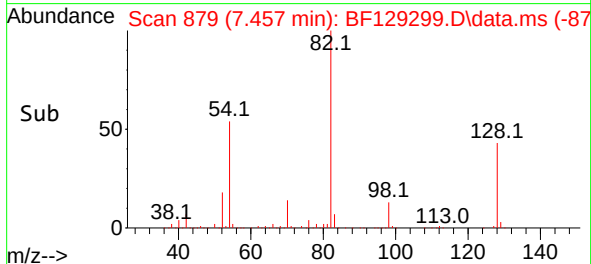
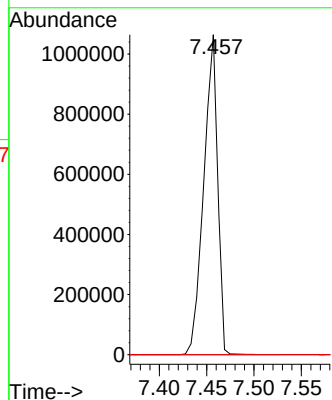
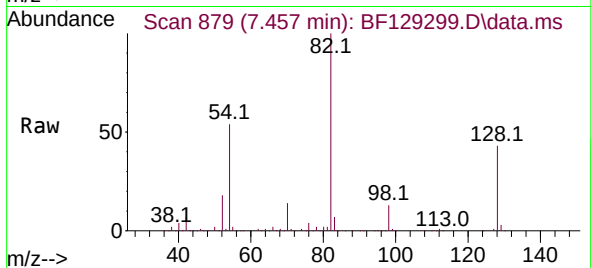




#25
Isophorone
Concen: 51.670 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

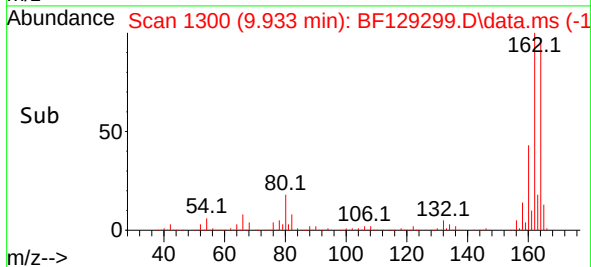
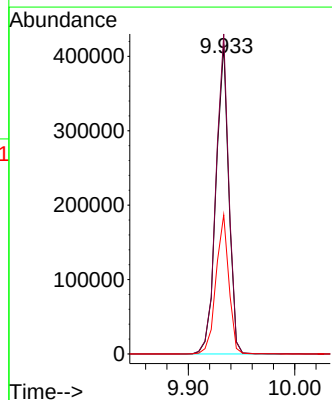
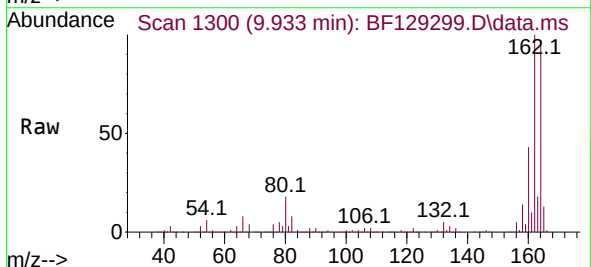
Instrument :
BNA_F
ClientSampleId :
PB145925BL

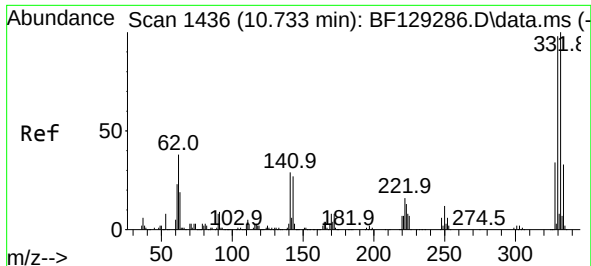
Tgt Ion: 82 Resp: 1088950
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion:164 Resp: 345344
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 44.9 34.2 51.4

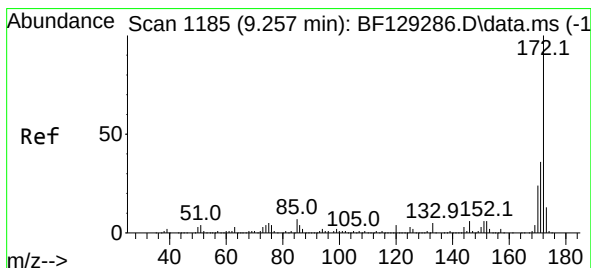
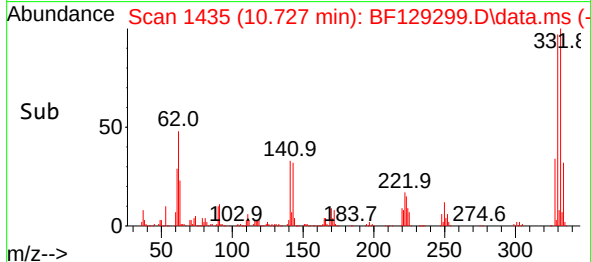
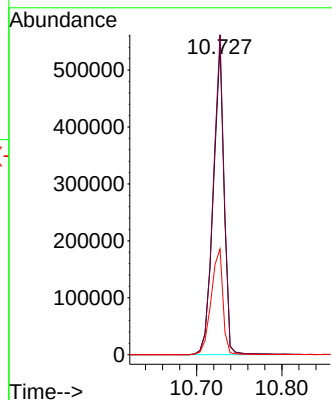
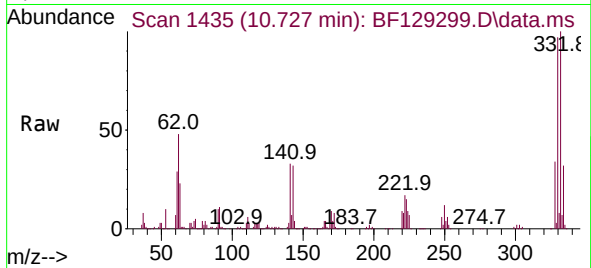




#42
2,4,6-Tribromophenol
Concen: 144.989 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

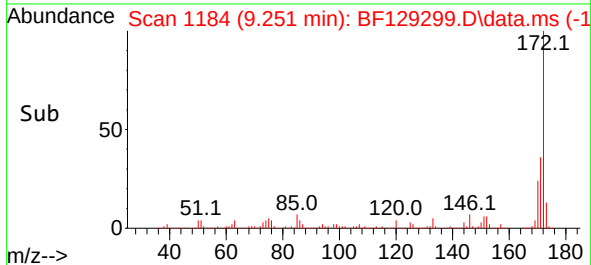
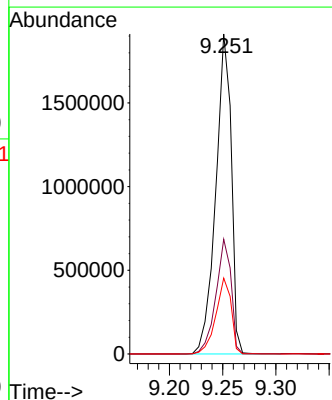
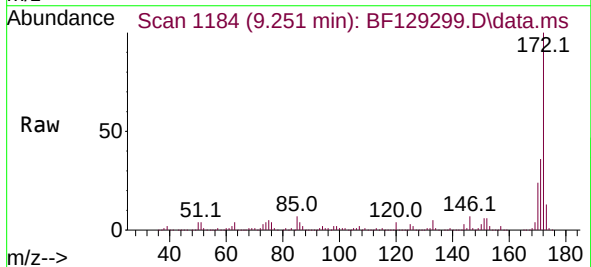
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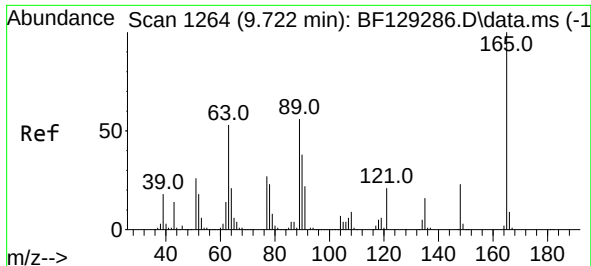
Tgt Ion:330 Resp: 483084
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 37.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 85.884 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion:172 Resp: 1928008
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 19.8 29.8

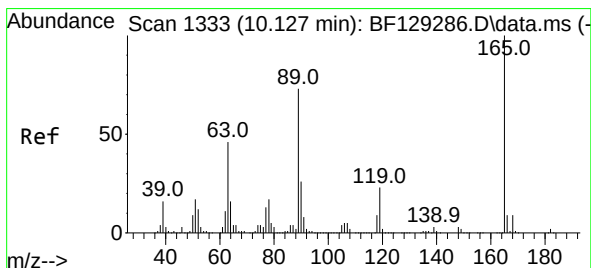
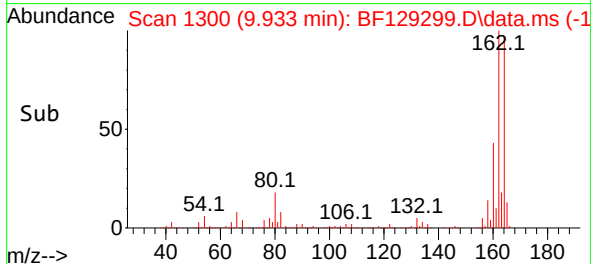
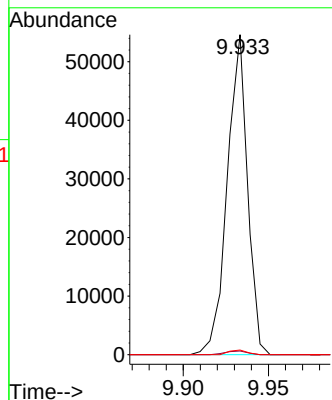
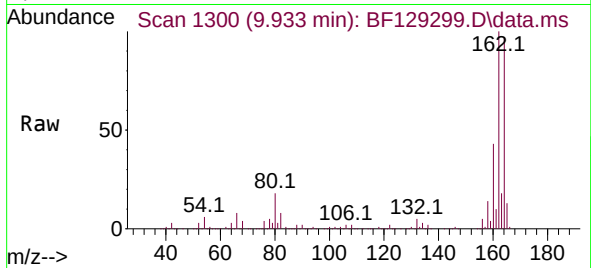




#51
2,6-Dinitrotoluene
Concen: 8.500 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

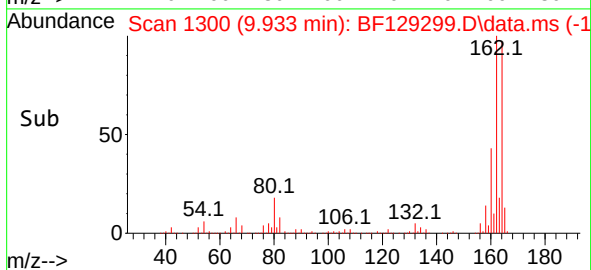
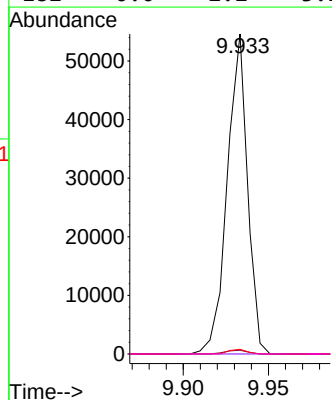
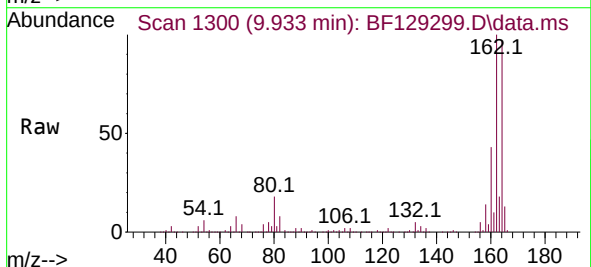
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ClientSampleId :
PB145925BL

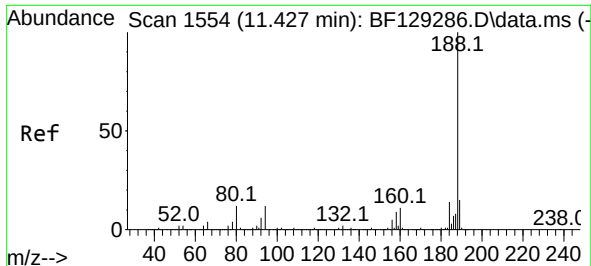
Tgt Ion:165 Resp: 45154
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.483 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion:165 Resp: 45154
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

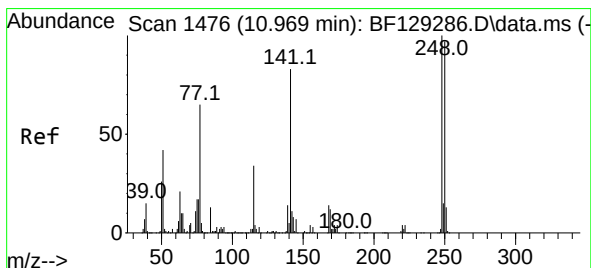
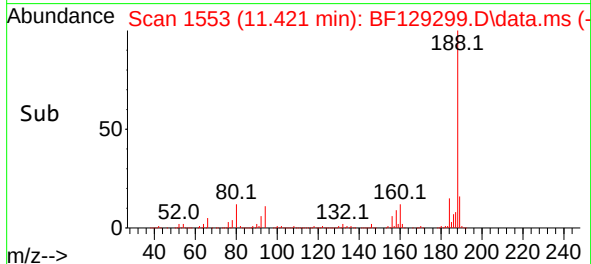
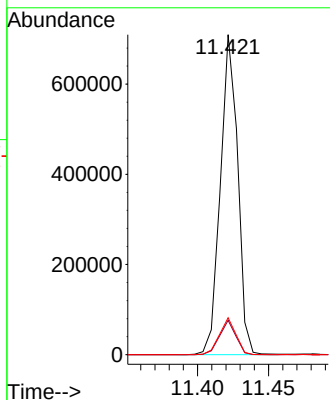
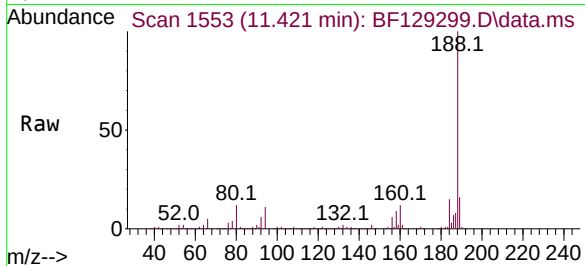




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

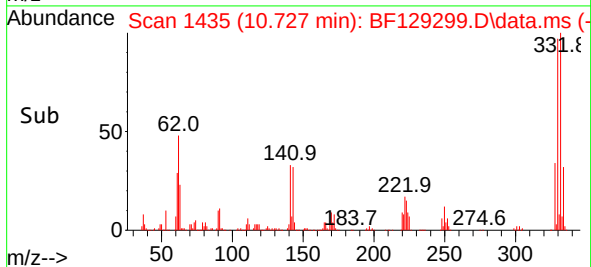
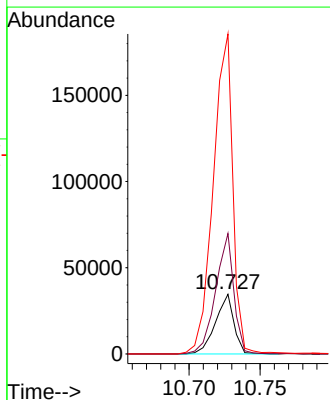
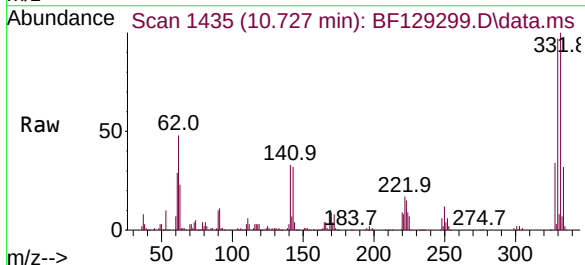
Instrument :
BNA_F
ClientSampleId :
PB145925BL

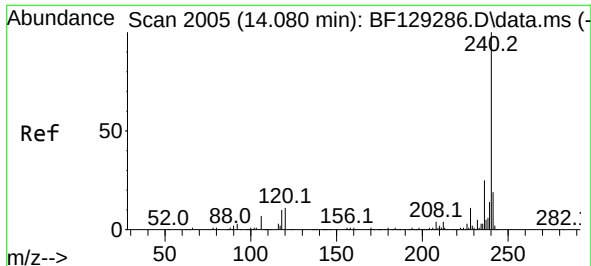
Tgt Ion:188 Resp: 601051
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.6 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.808 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion:248 Resp: 31179
Ion Ratio Lower Upper
248 100
250 201.9 80.6 120.8#
141 536.0 58.9 88.3#

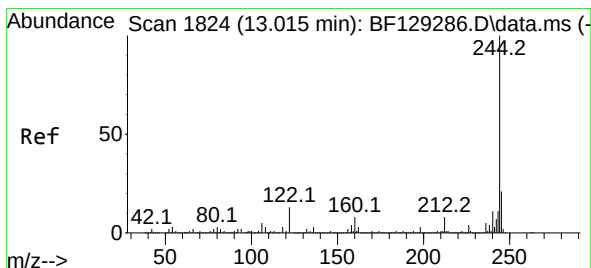
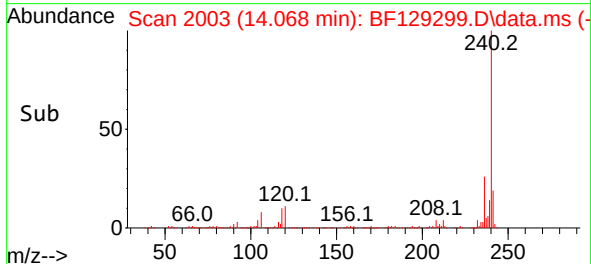
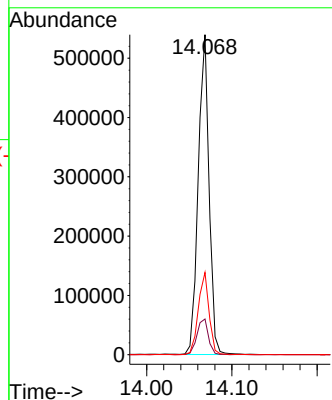
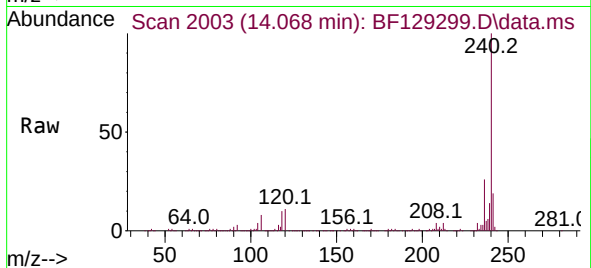




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

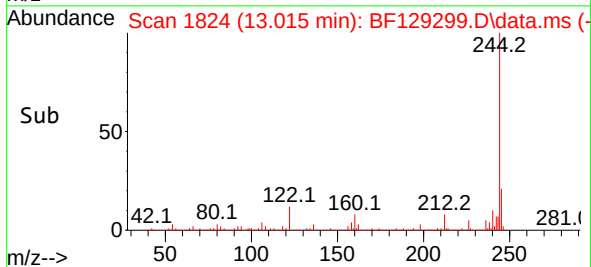
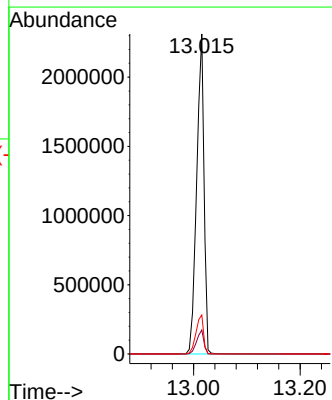
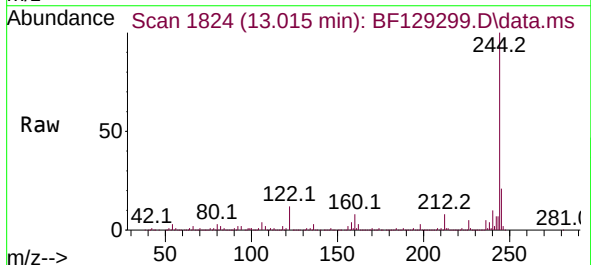
Instrument :
BNA_F
ClientSampleId :
PB145925BL

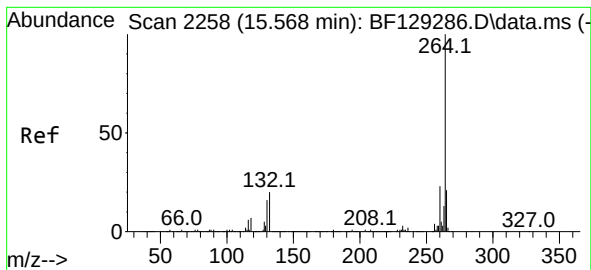
Tgt Ion:240 Resp: 477308
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 86.440 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF129299.D
Acq: 21 Jul 2022 16:34

Tgt Ion:244 Resp: 2215286
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129299.D

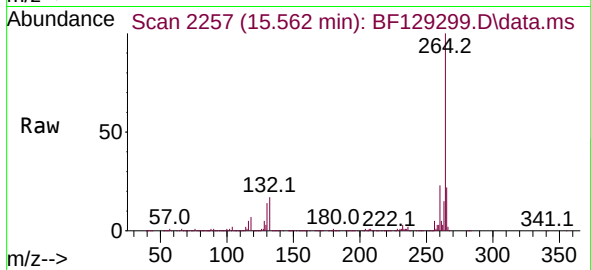
Acq: 21 Jul 2022 16:34

Instrument :

BNA_F

ClientSampleId :

PB145925BL



Tgt Ion:264 Resp: 403548

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 22.0 17.2 25.8

