

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129316.D
 Acq On : 22 Jul 2022 15:23
 Operator : CG\JU
 Sample : PB146348TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146348TB

Quant Time: Jul 22 16:47:49 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)

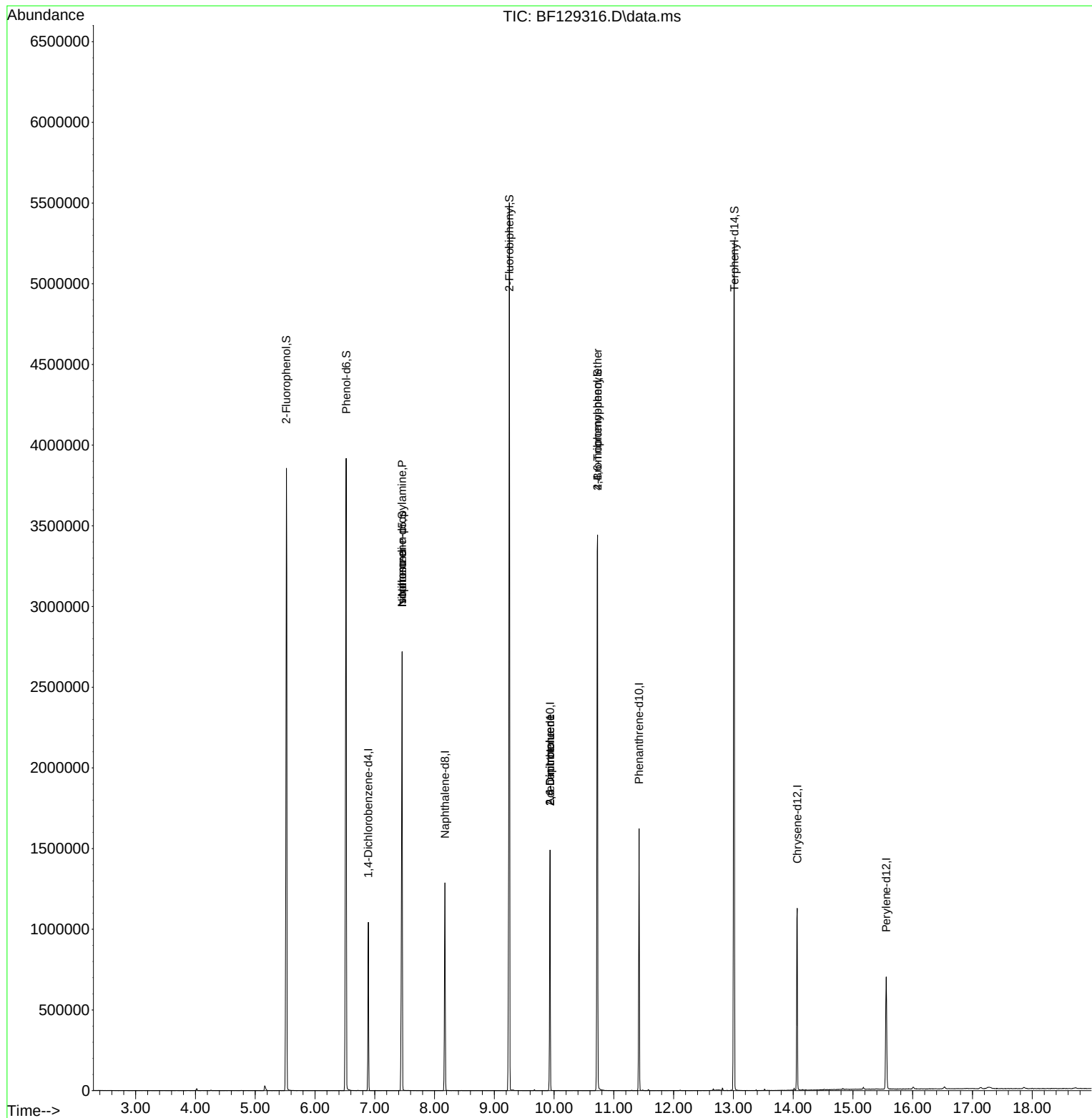
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	136595	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	541705	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	286462	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	507842	20.000	ng	0.00
76) Chrysene-d12	14.068	240	385421	20.000	ng	-0.01
86) Perylene-d12	15.557	264	304440	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1128671	134.771	ng	0.00
7) Phenol-d6	6.522	99	1399049	131.049	ng	0.00
23) Nitrobenzene-d5	7.457	82	931860	92.548	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	431072	155.973	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1675720	89.989	ng	0.00
79) Terphenyl-d14	13.015	244	1943114	93.895	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	126490	19.885	ng	# 75
25) Isophorone	7.457	82	931843	52.713	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	37292	8.463	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	37292	6.455	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	27724	5.060	ng	# 1

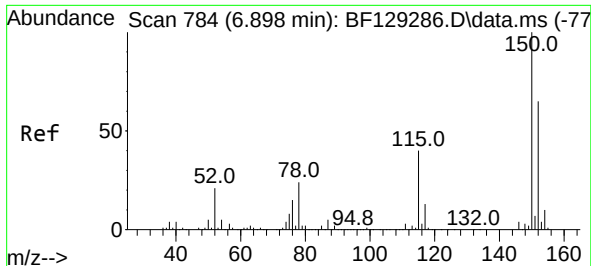
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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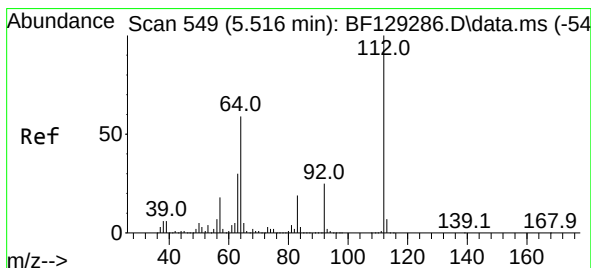
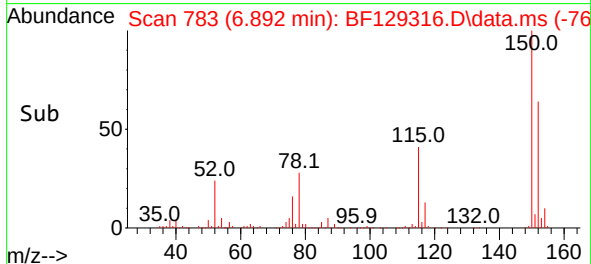
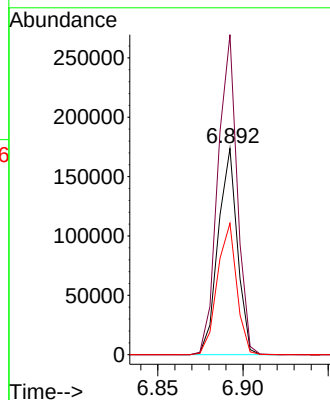
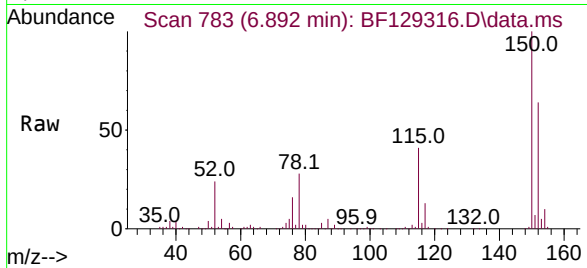




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

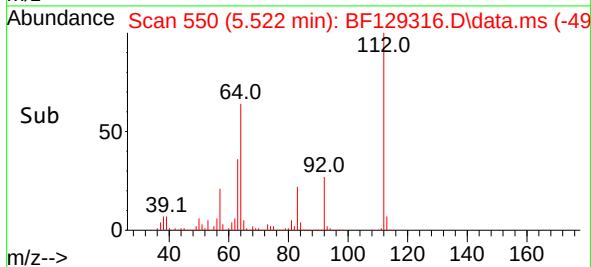
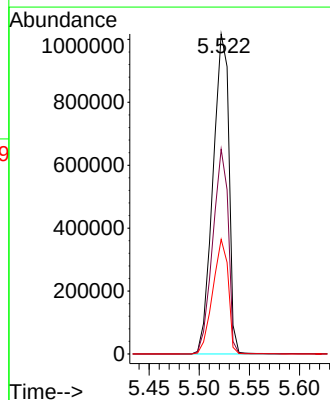
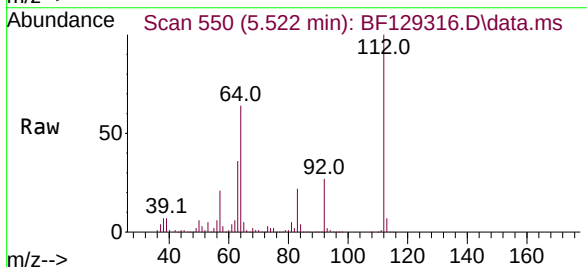
Instrument :
BNA_F
ClientSampleId :
PB146348TB

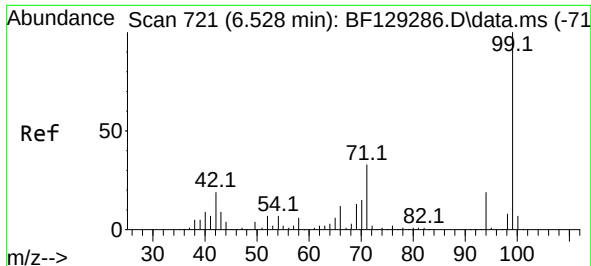
Tgt Ion:152 Resp: 136595
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 63.7 49.9 74.9



#5
2-Fluorophenol
Concen: 134.771 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion:112 Resp: 1128671
Ion Ratio Lower Upper
112 100
64 64.0 53.3 79.9
63 35.8 28.0 42.0

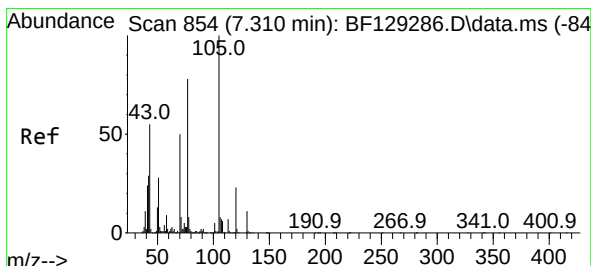
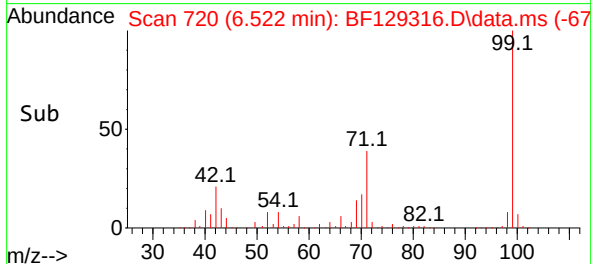
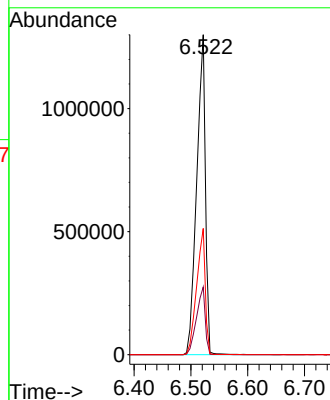
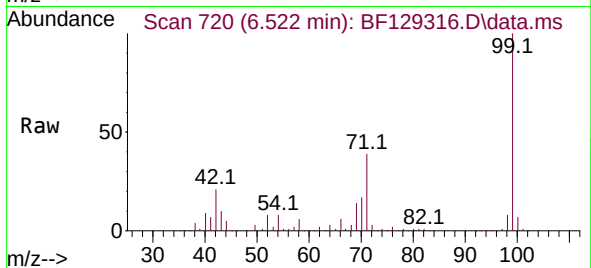




#7
Phenol-d6
Concen: 131.049 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

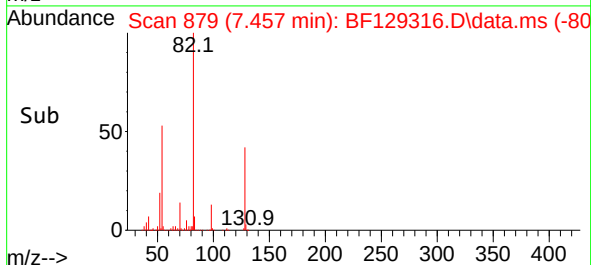
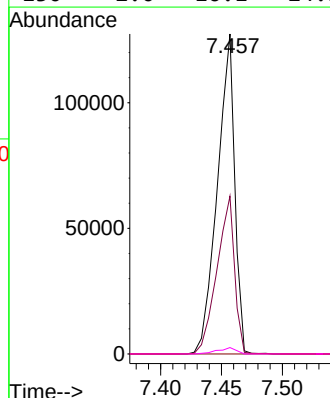
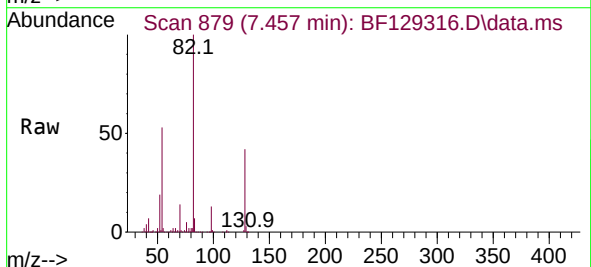
Instrument :
BNA_F
ClientSampleId :
PB146348TB

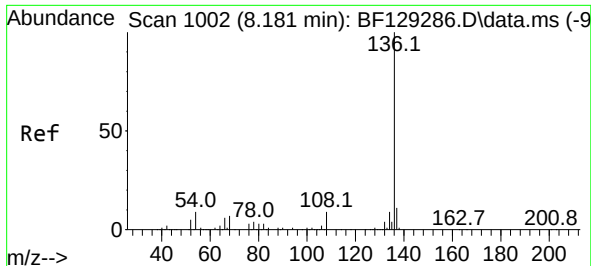
Tgt Ion: 99 Resp: 1399049
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 39.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.885 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion: 70 Resp: 126490
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



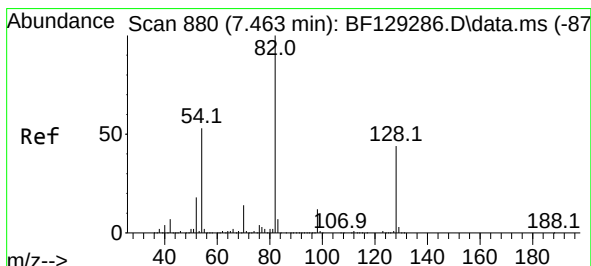
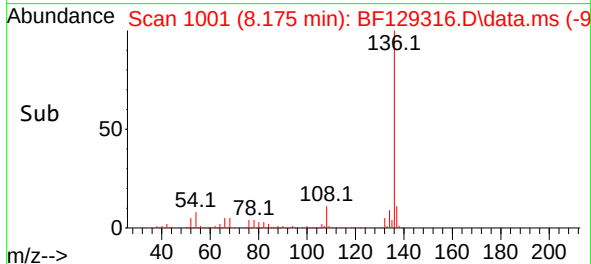
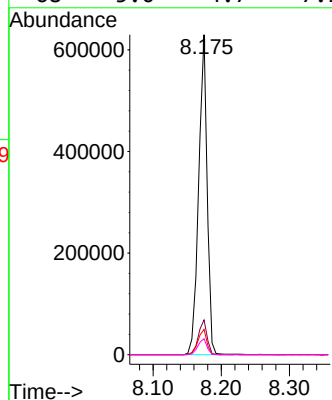
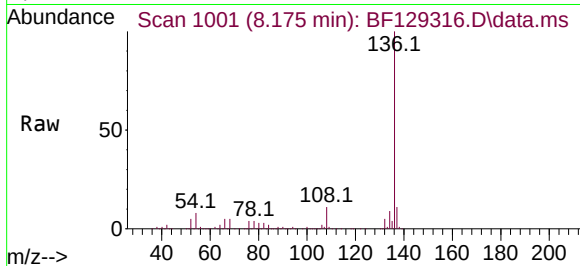


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Instrument :
BNA_F
ClientSampleId :
PB146348TB

Tgt Ion:136 Resp: 541705

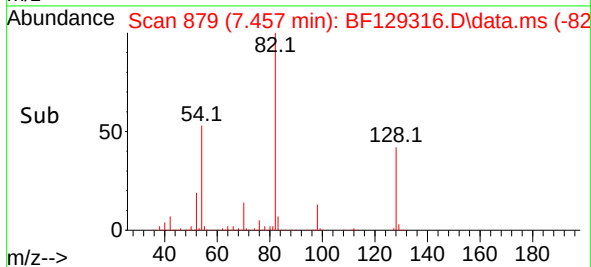
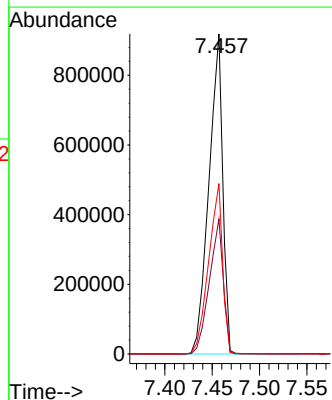
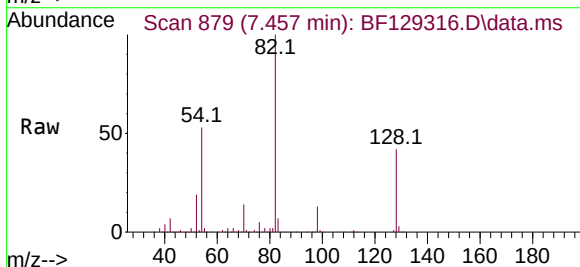
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.9	7.5	11.3
68	5.0	4.7	7.1

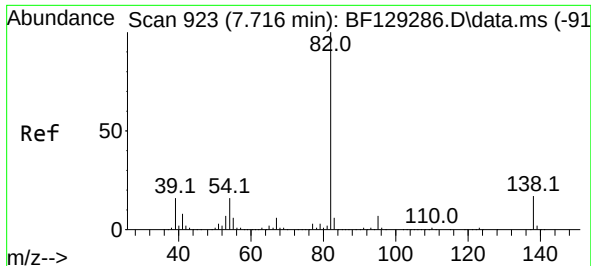


#23
Nitrobenzene-d5
Concen: 92.548 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion: 82 Resp: 931860

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.0	51.0
54	53.2	46.9	70.3

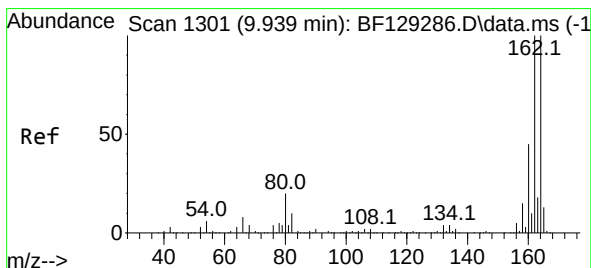
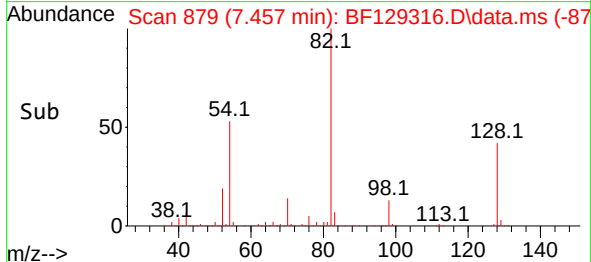
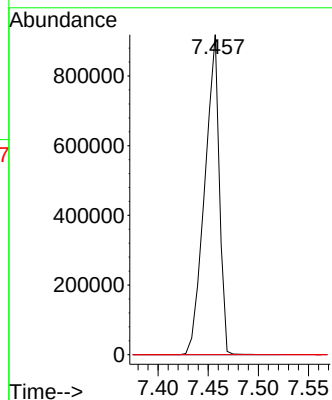
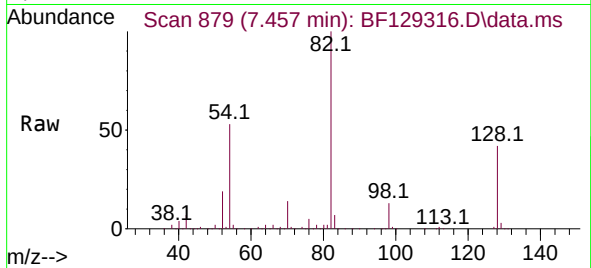




#25
Isophorone
Concen: 52.713 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

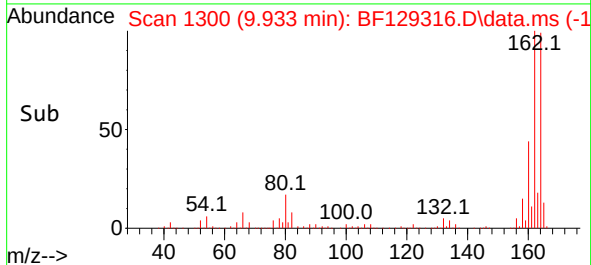
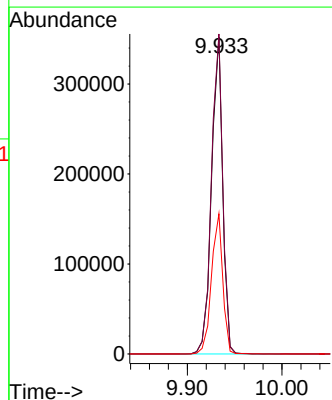
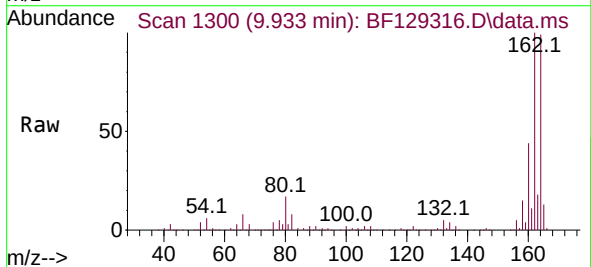
Instrument :
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ClientSampleId :
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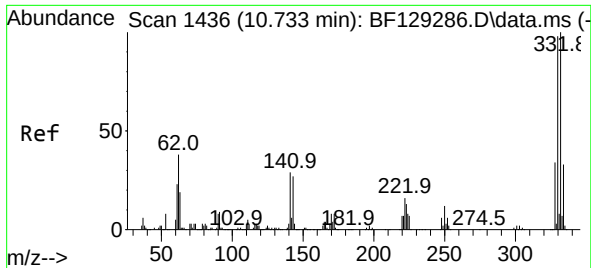
Tgt Ion: 82 Resp: 931843
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion:164 Resp: 286462
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.2 34.2 51.4

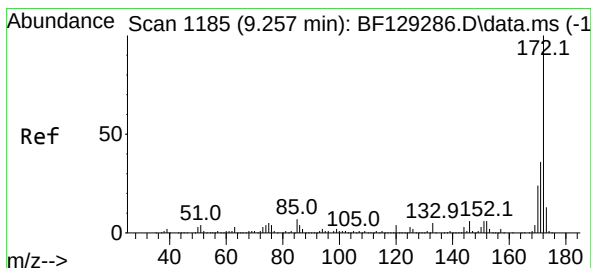
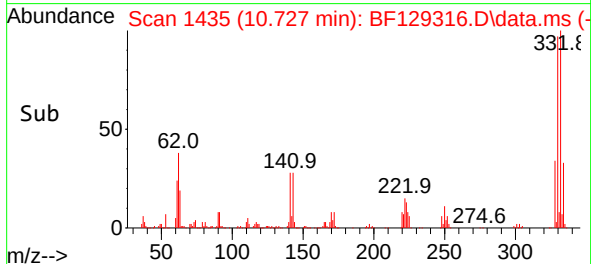
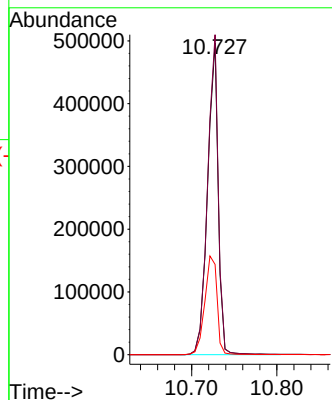
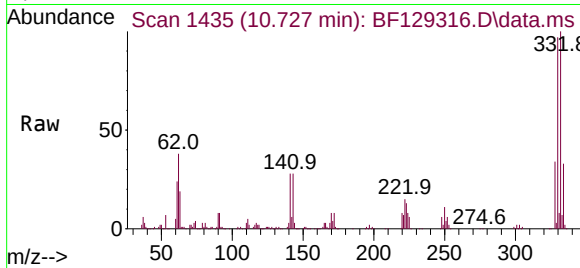




#42
2,4,6-Tribromophenol
Concen: 155.973 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

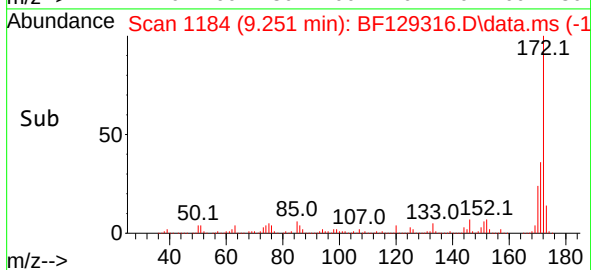
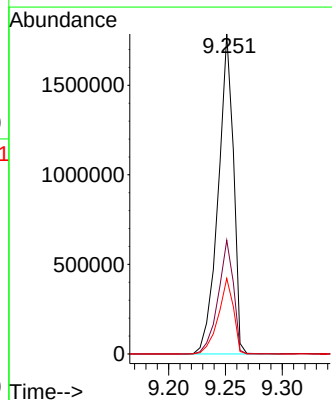
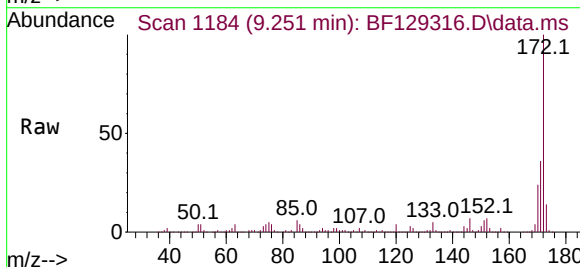
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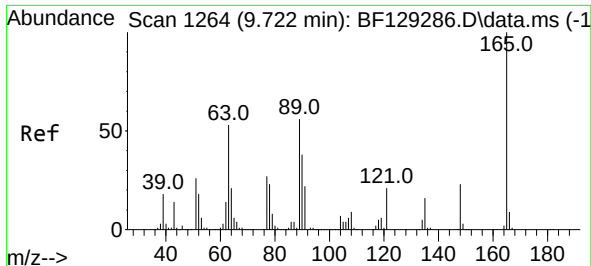
Tgt Ion:330 Resp: 431072
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 36.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 89.989 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion:172 Resp: 1675720
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8

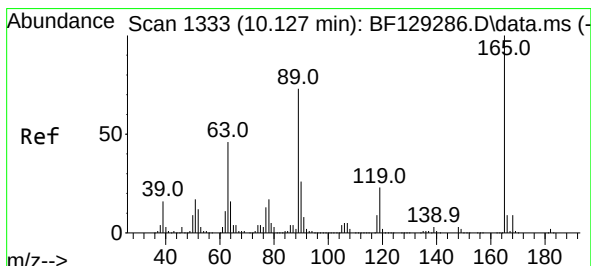
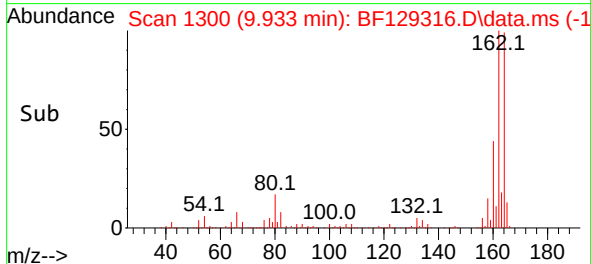
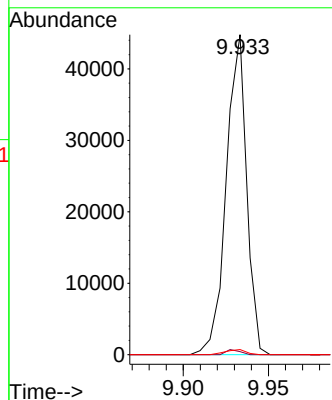
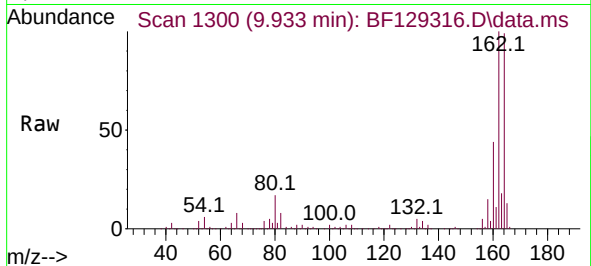




#51
2,6-Dinitrotoluene
Concen: 8.463 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

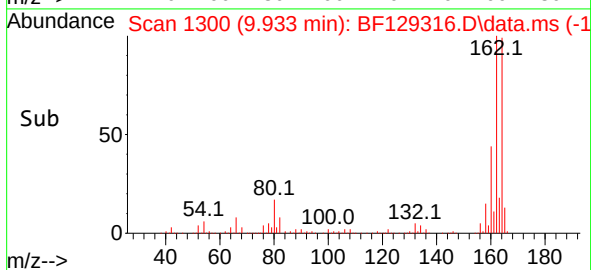
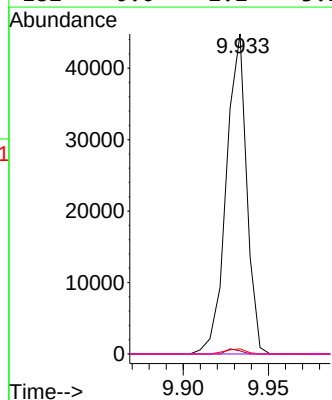
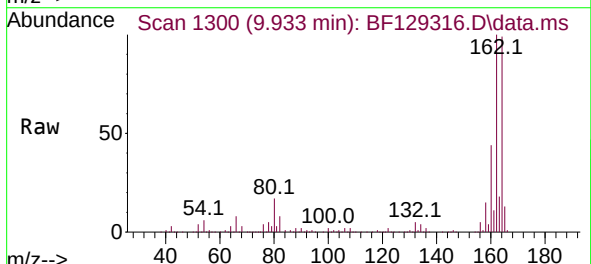
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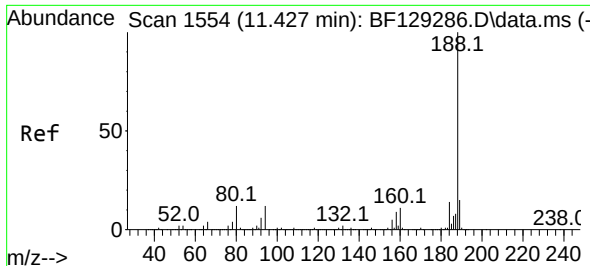
Tgt Ion:165 Resp: 37292
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.455 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion:165 Resp: 37292
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

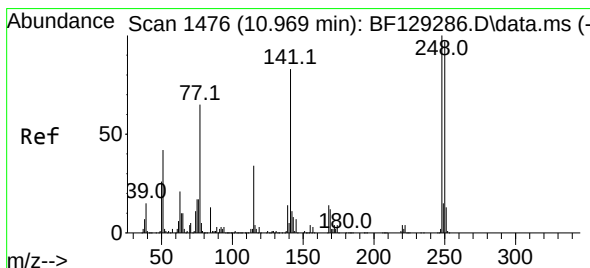
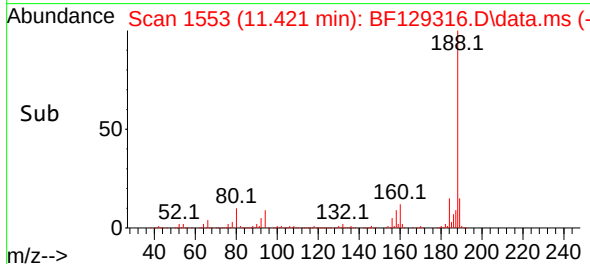
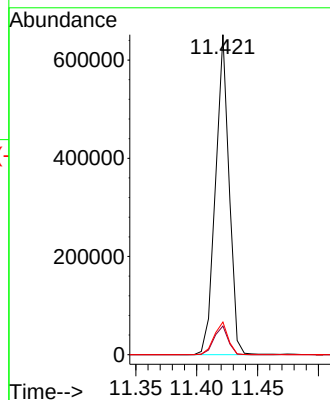
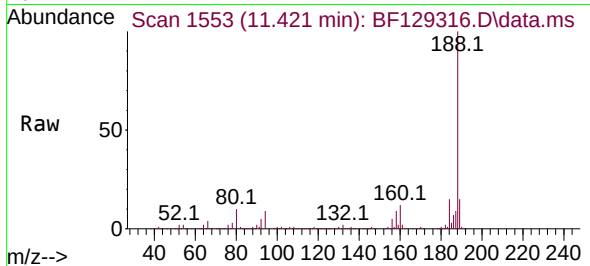




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

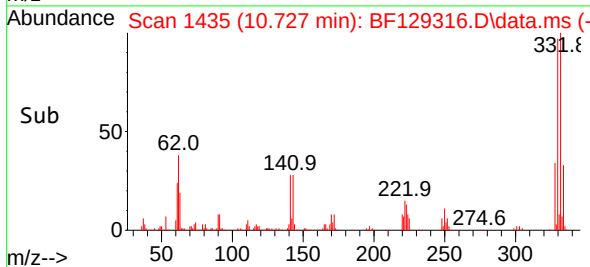
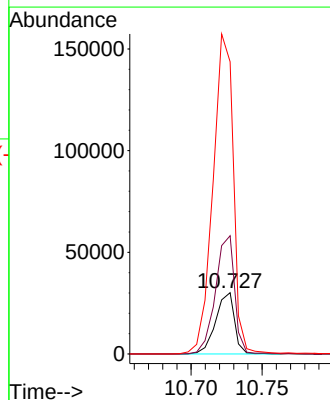
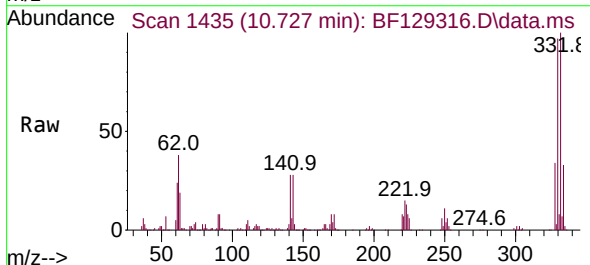
Instrument :
BNA_F
ClientSampleId :
PB146348TB

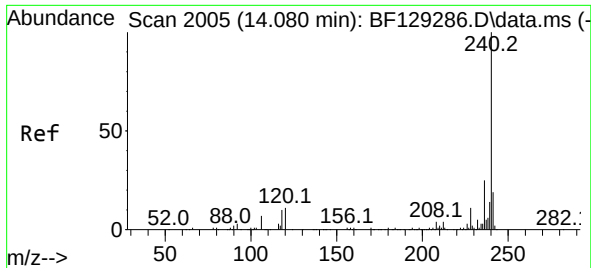
Tgt Ion:188 Resp: 507842
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.060 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Tgt Ion:248 Resp: 27724
Ion Ratio Lower Upper
248 100
250 193.3 80.6 120.8#
141 477.3 58.9 88.3#

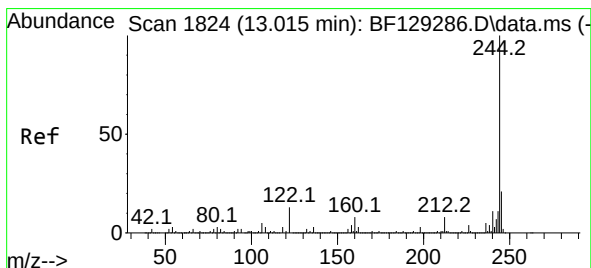
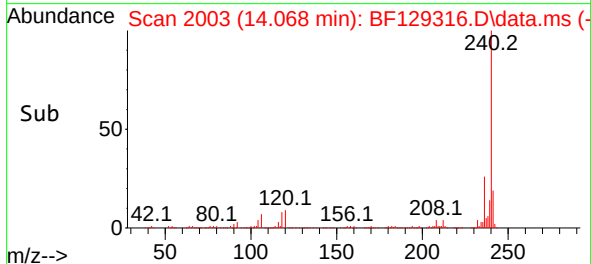
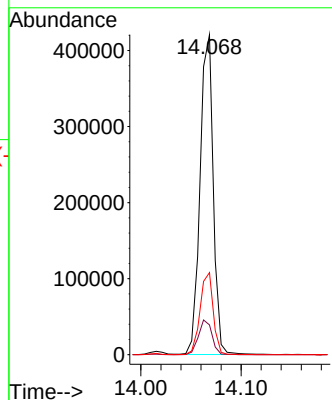
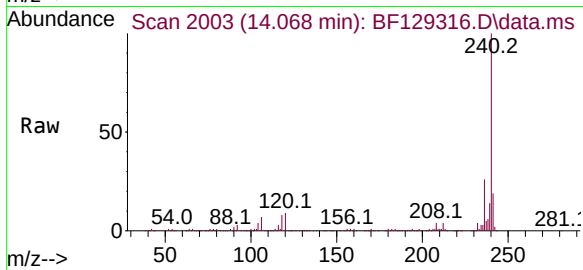




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

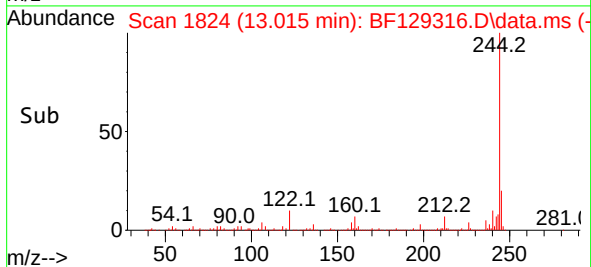
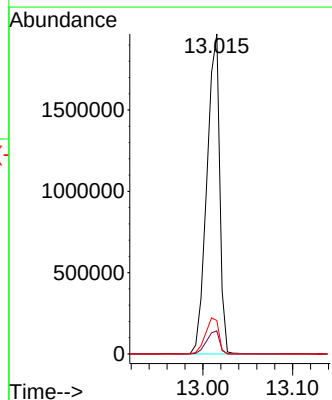
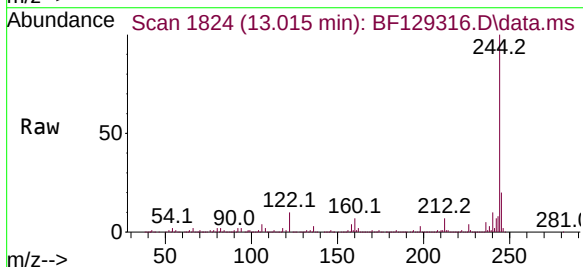
Instrument :
BNA_F
ClientSampleId :
PB146348TB

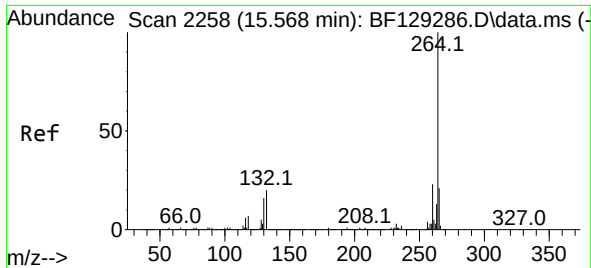
Tgt Ion:240 Resp: 385421
Ion Ratio Lower Upper
240 100
120 9.3 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 93.895 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

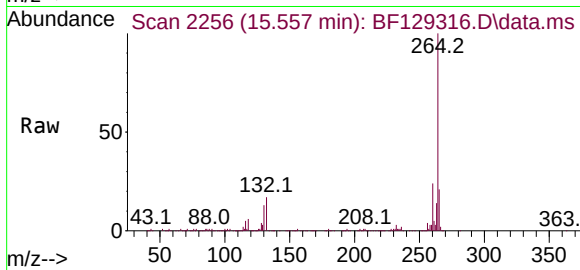
Tgt Ion:244 Resp: 1943114
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 10.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129316.D
Acq: 22 Jul 2022 15:23

Instrument :
BNA_F
ClientSampleId :
PB146348TB



Tgt Ion:264 Resp: 304440

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	20.5	17.2	25.8

