

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129294.D
 Acq On : 21 Jul 2022 13:11
 Operator : CG\JU
 Sample : PB145921BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145921BL

Quant Time: Jul 21 13:58:09 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)

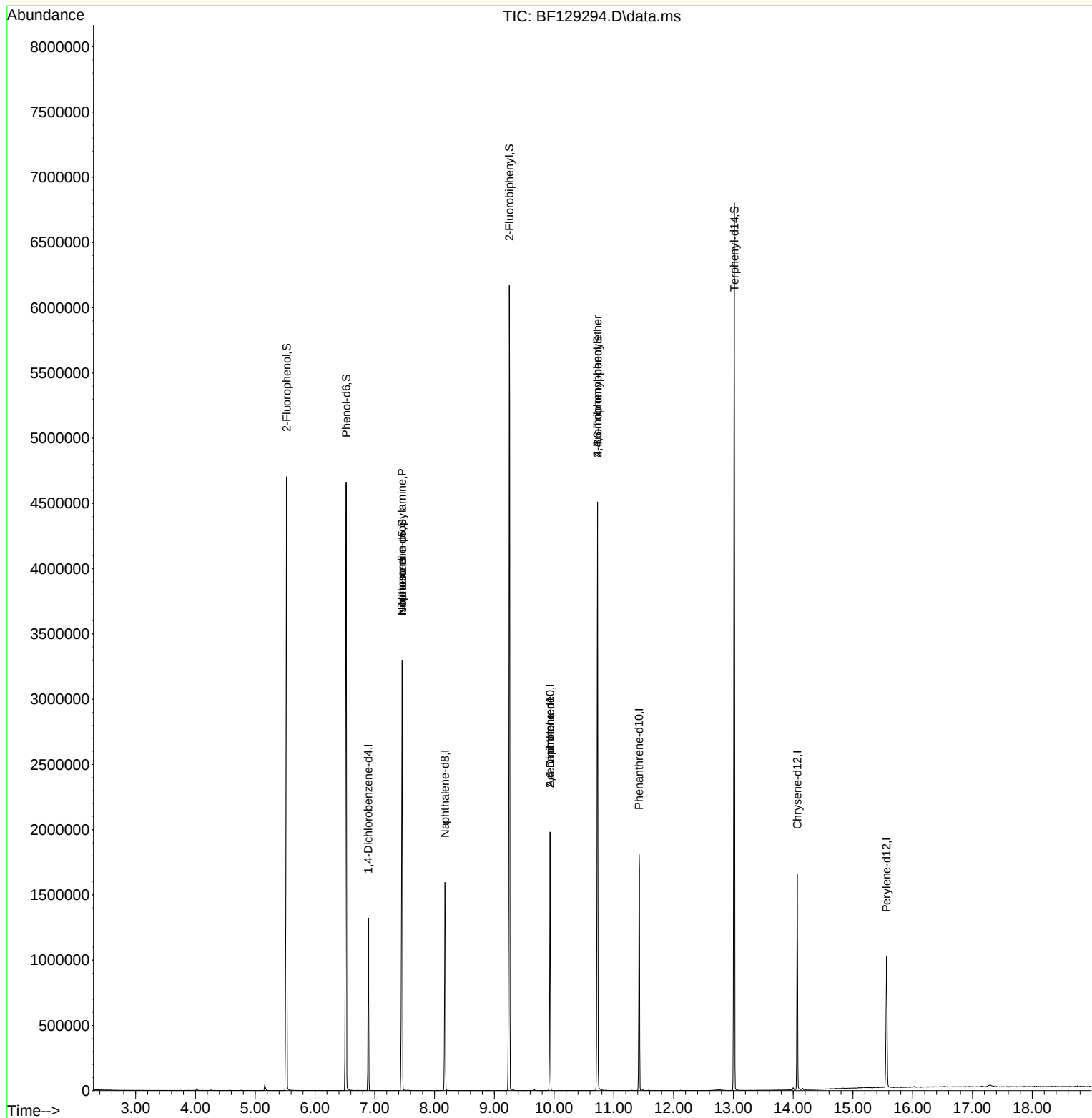
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	174173	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	699303	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	373057	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	659296	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	521023	20.000	ng	-0.01
86) Perylene-d12	15.562	264	451464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1415602	132.564	ng	0.01
7) Phenol-d6	6.522	99	1794348	131.814	ng	0.00
23) Nitrobenzene-d5	7.457	82	1171678	90.141	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	515621	143.259	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2052368	84.632	ng	0.00
79) Terphenyl-d14	13.016	244	2352249	84.083	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	158654	19.561	ng	# 76
25) Isophorone	7.457	82	1171669	51.342	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	48353	8.426	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	48353	6.427	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	33068	4.648	ng	# 1

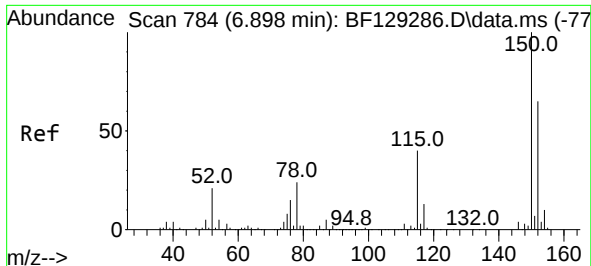
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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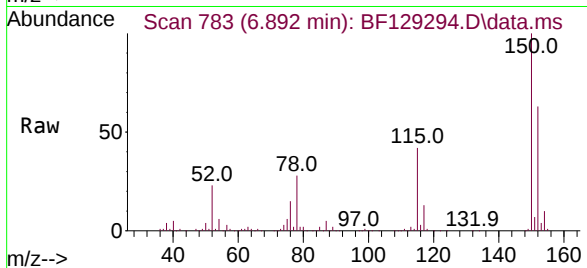
Quant Time: Jul 21 13:58:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
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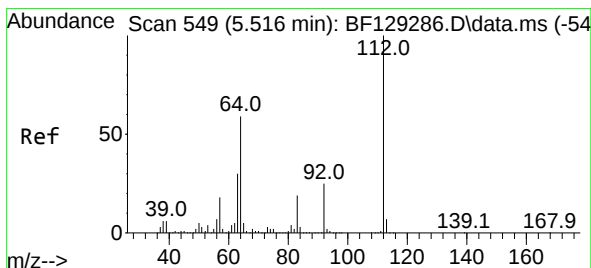
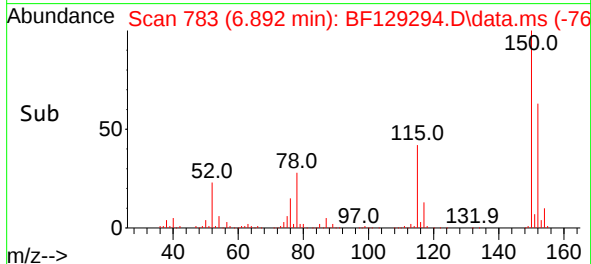
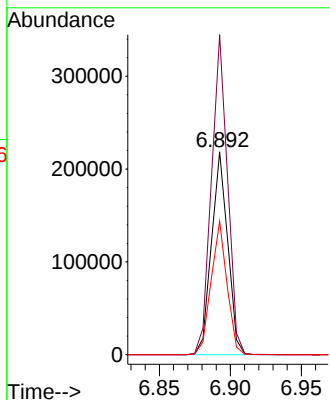


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Instrument :
BNA_F
ClientSampleId :
PB145921BL

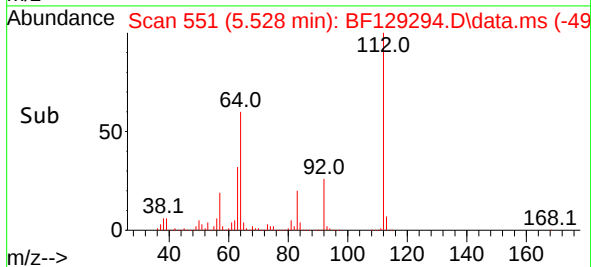
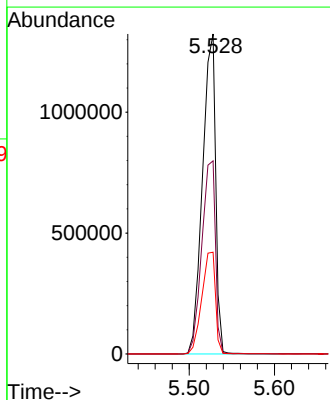
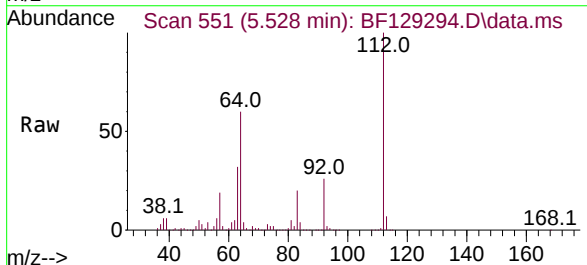


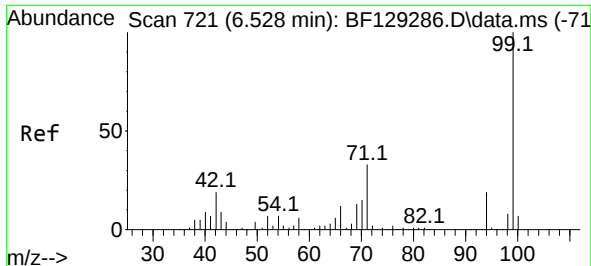
Tgt Ion:152 Resp: 174173
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 65.7 49.9 74.9



#5
2-Fluorophenol
Concen: 132.564 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion:112 Resp: 1415602
Ion Ratio Lower Upper
112 100
64 60.4 53.3 79.9
63 31.8 28.0 42.0

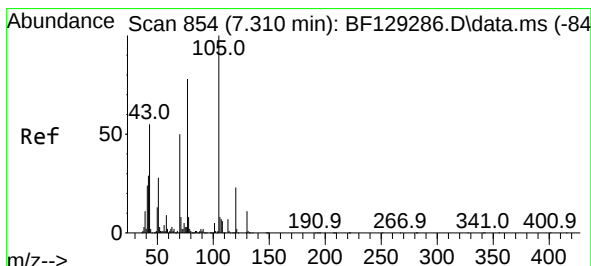
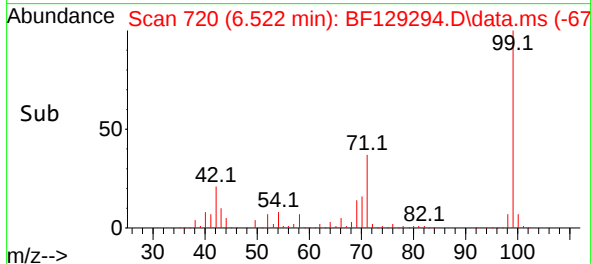
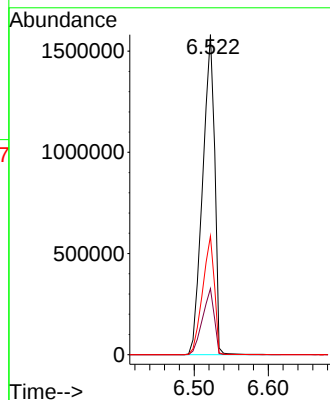
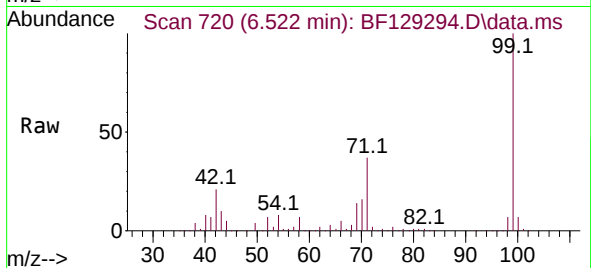




#7
Phenol-d6
Concen: 131.814 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

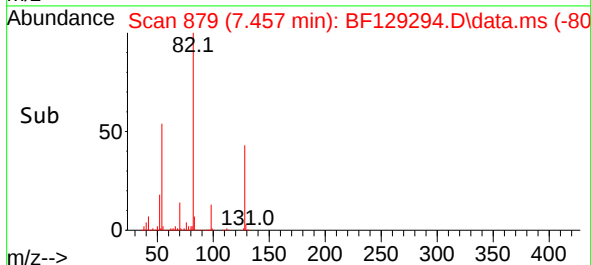
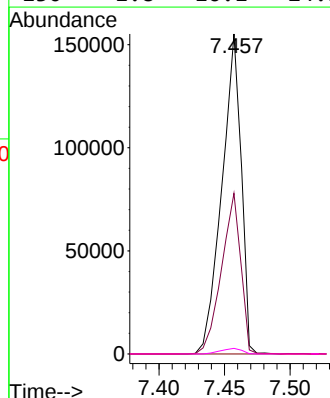
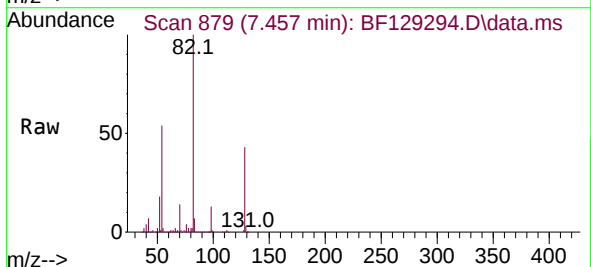
Instrument :
BNA_F
ClientSampleId :
PB145921BL

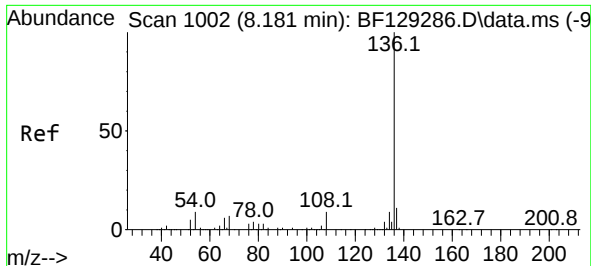
Tgt Ion: 99 Resp: 1794348
Ion Ratio Lower Upper
99 100
42 20.6 17.3 25.9
71 37.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.561 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion: 70 Resp: 158654
Ion Ratio Lower Upper
70 100
42 50.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129294.D

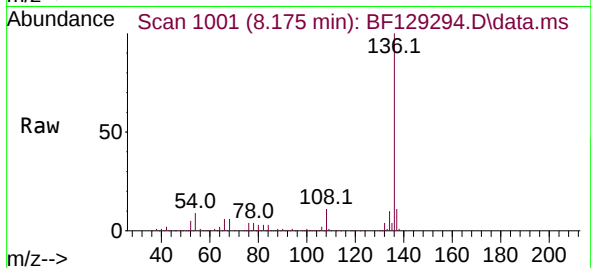
Acq: 21 Jul 2022 13:11

Instrument :

BNA_F

ClientSampleId :

PB145921BL



Tgt Ion:136 Resp: 699303

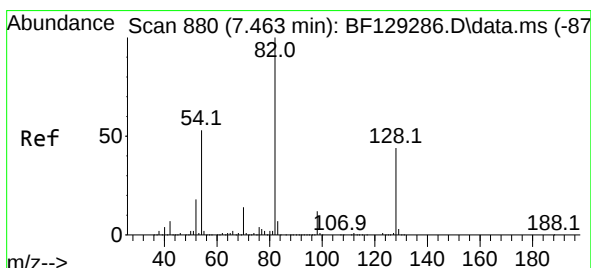
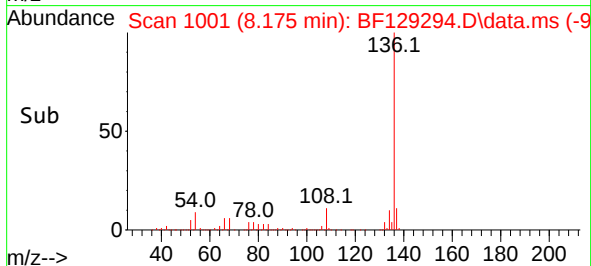
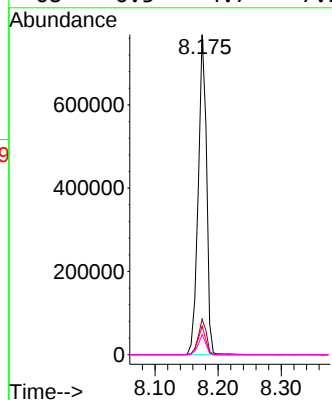
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.9 7.5 11.3

68 6.3 4.7 7.1



#23

Nitrobenzene-d5

Concen: 90.141 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF129294.D

Acq: 21 Jul 2022 13:11

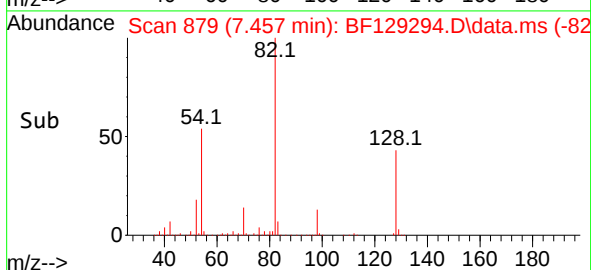
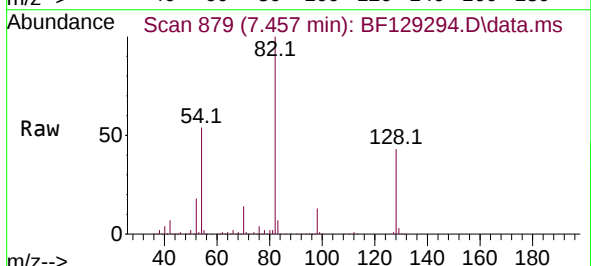
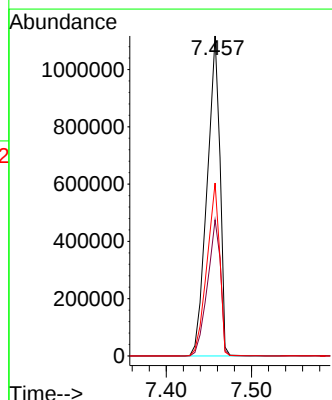
Tgt Ion: 82 Resp: 1171678

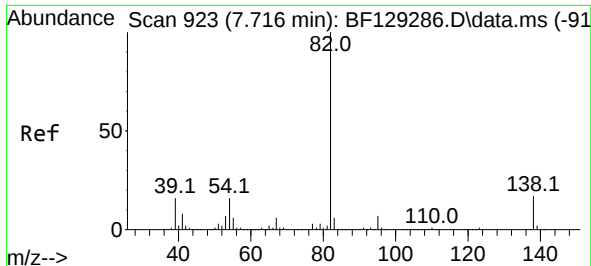
Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

54 54.1 46.9 70.3

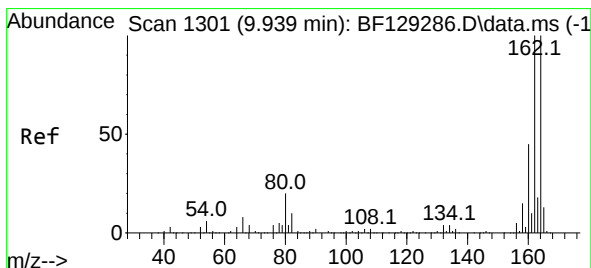
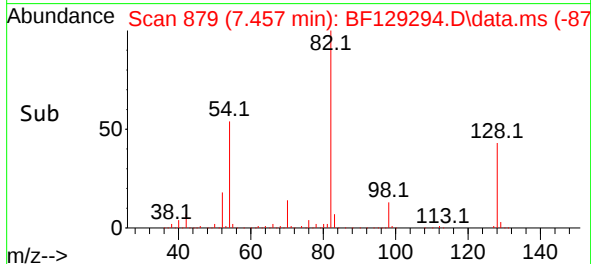
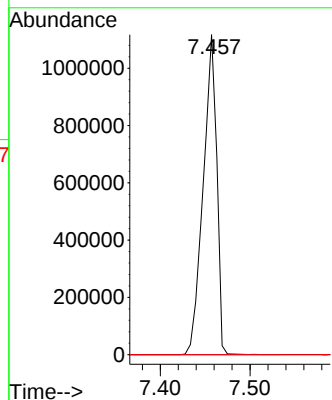
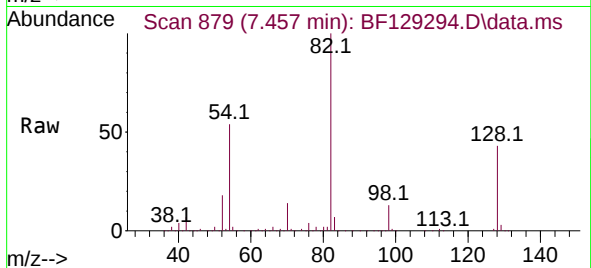




#25
Isophorone
Concen: 51.342 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

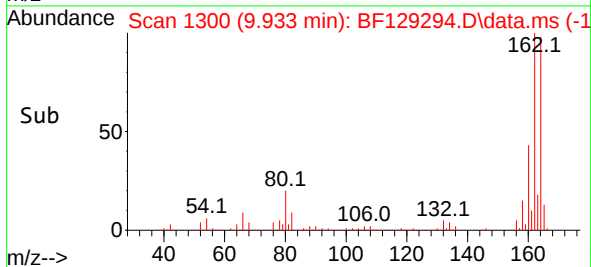
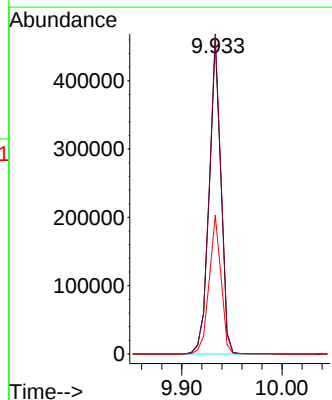
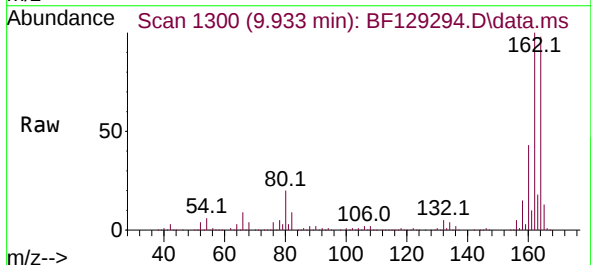
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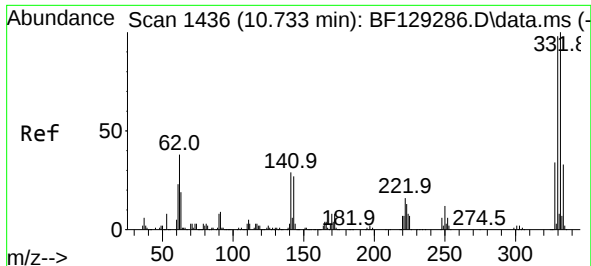
Tgt Ion: 82 Resp: 1171669
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion:164 Resp: 373057
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 44.2 34.2 51.4

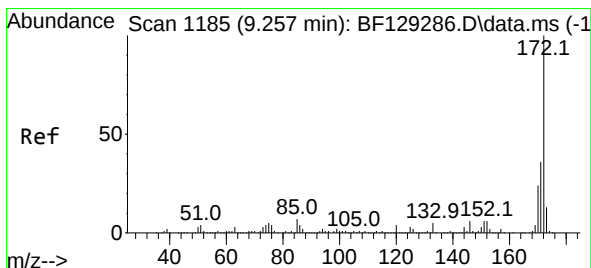
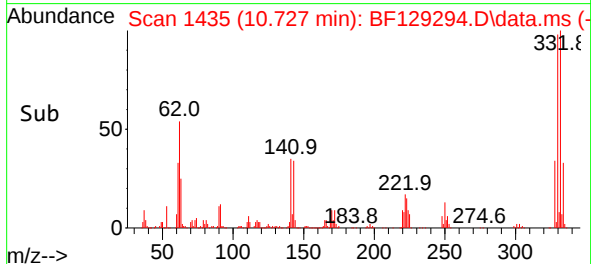
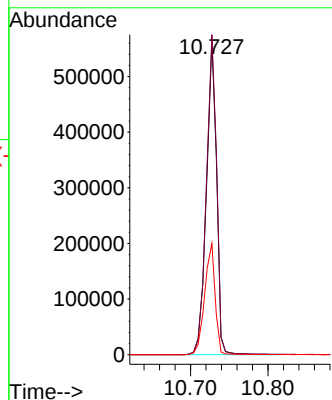
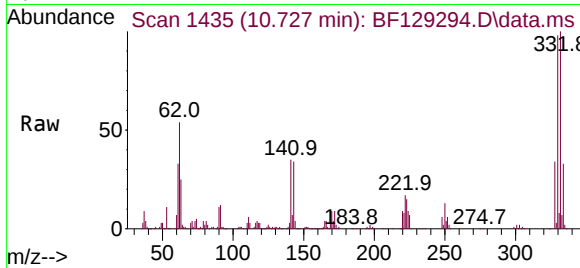




#42
2,4,6-Tribromophenol
Concen: 143.259 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

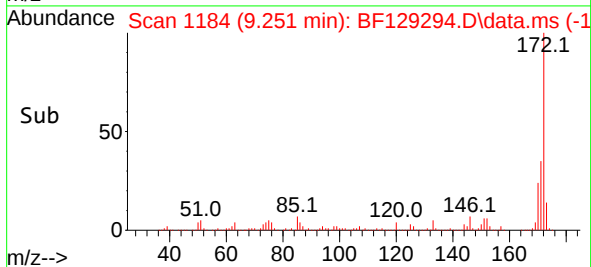
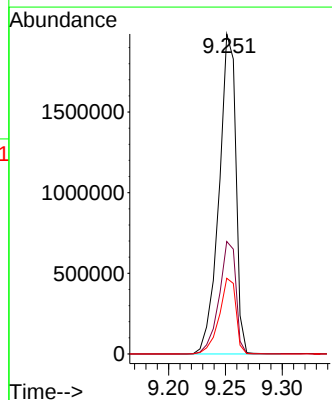
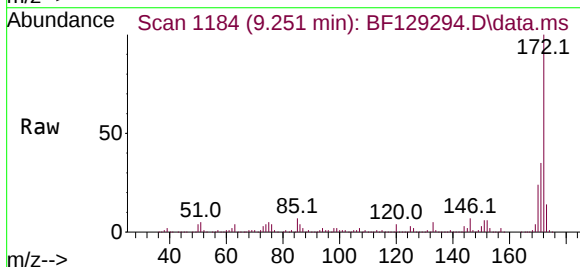
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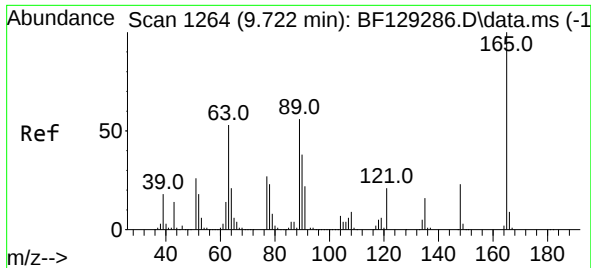
Tgt Ion:330 Resp: 515621
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 36.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 84.632 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion:172 Resp: 2052368
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.6 19.8 29.8

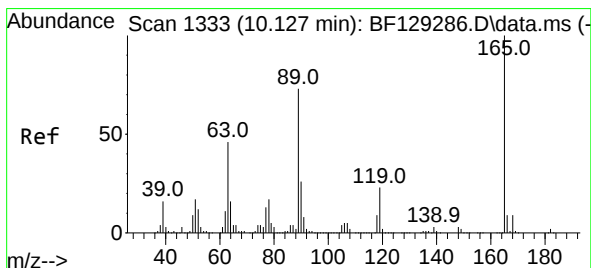
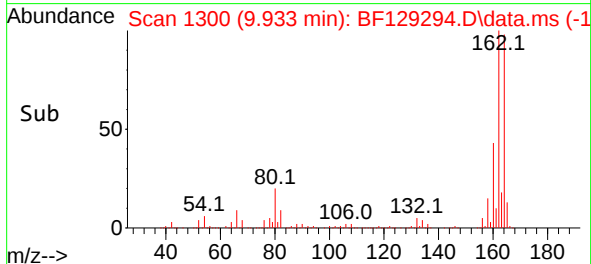
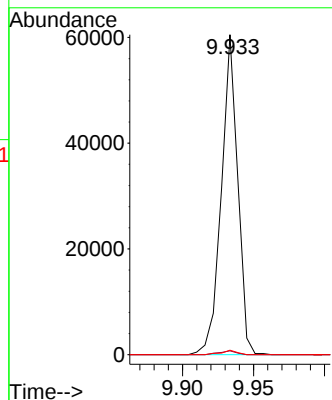
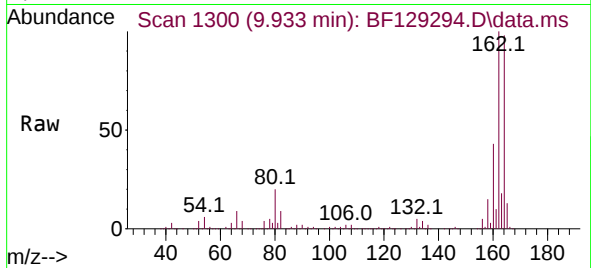




#51
2,6-Dinitrotoluene
Concen: 8.426 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

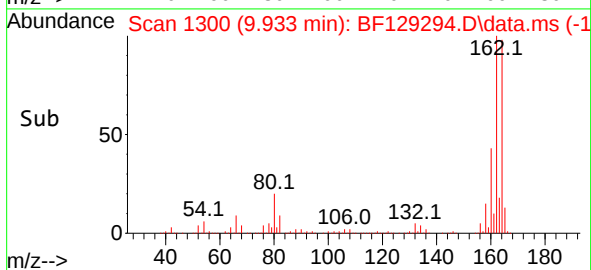
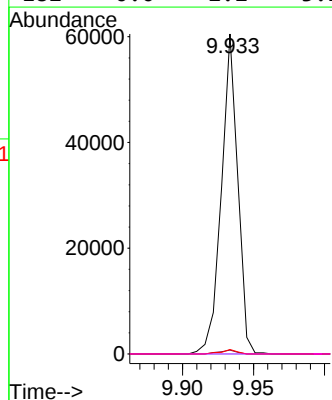
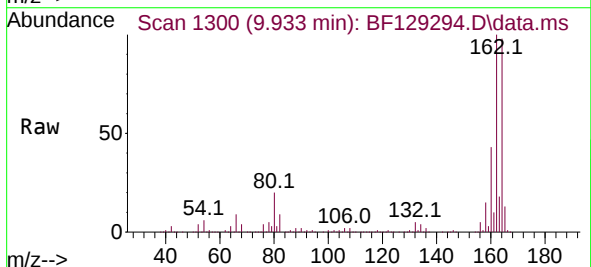
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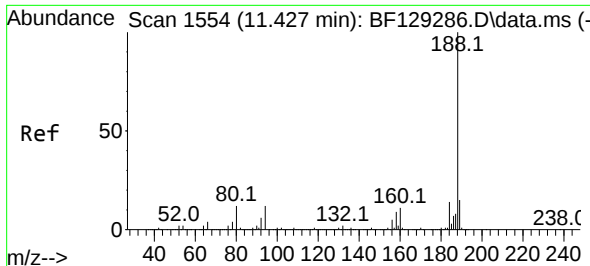
Tgt Ion:165 Resp: 48353
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.427 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion:165 Resp: 48353
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#

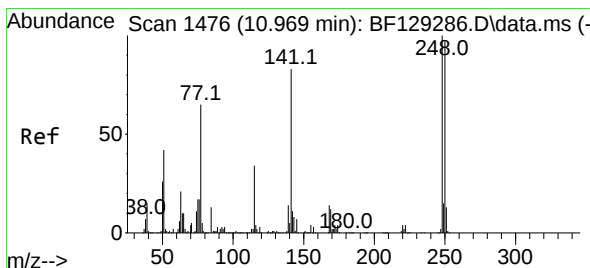
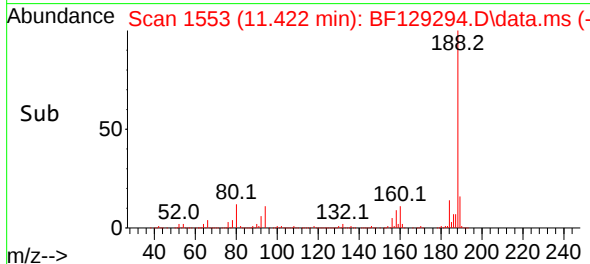
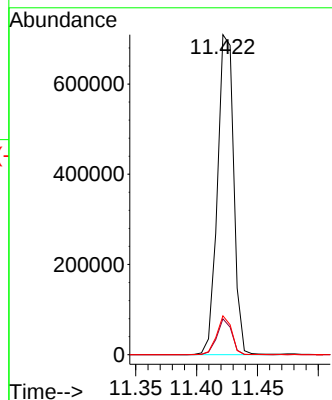
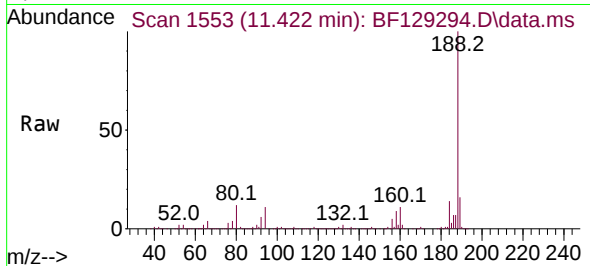




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

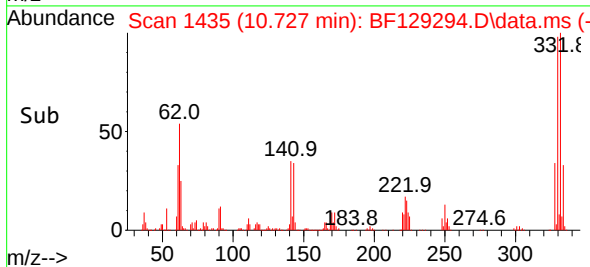
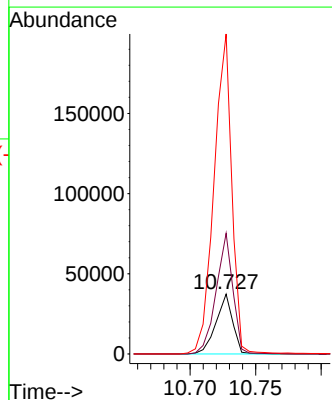
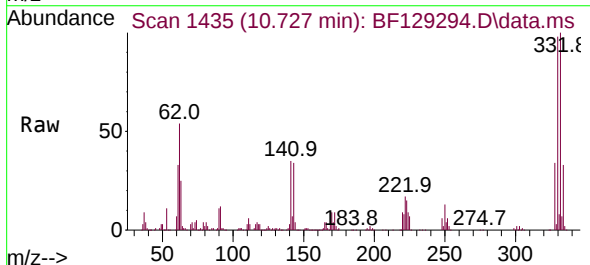
Instrument :
BNA_F
ClientSampleId :
PB145921BL

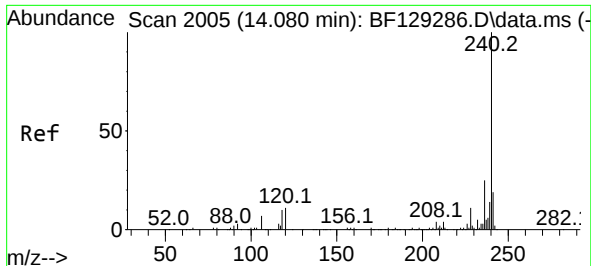
Tgt Ion:188 Resp: 659296
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 12.2 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.648 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion:248 Resp: 33068
Ion Ratio Lower Upper
248 100
250 201.4 80.6 120.8#
141 534.0 58.9 88.3#

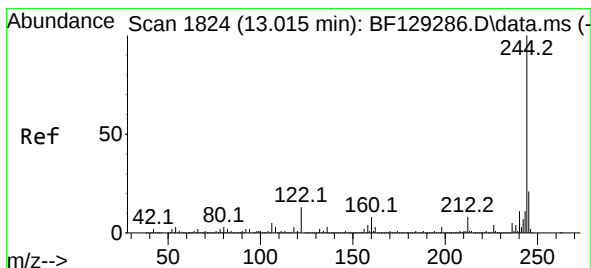
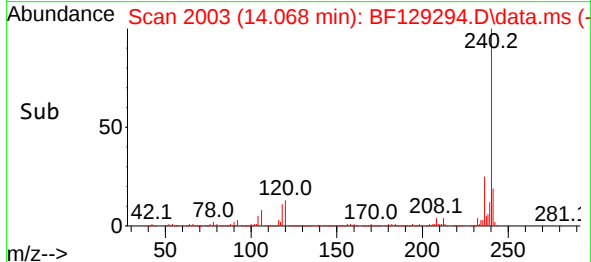
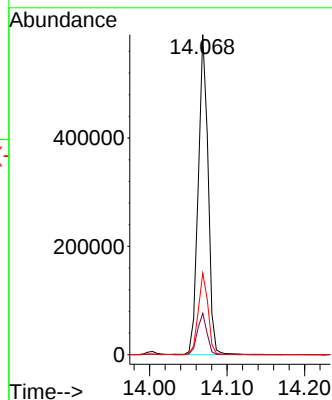
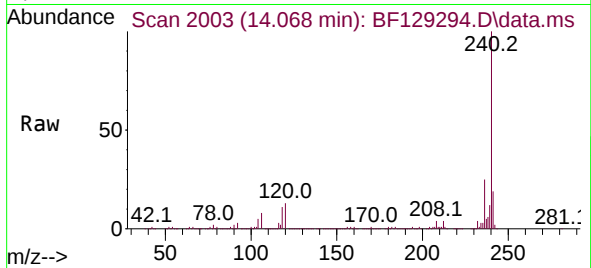




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

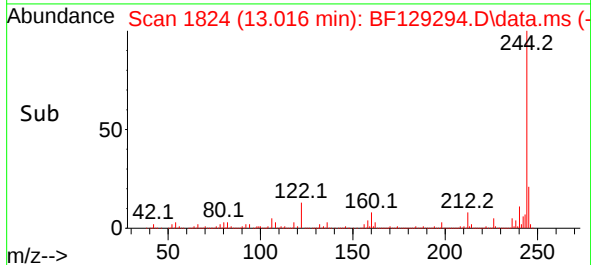
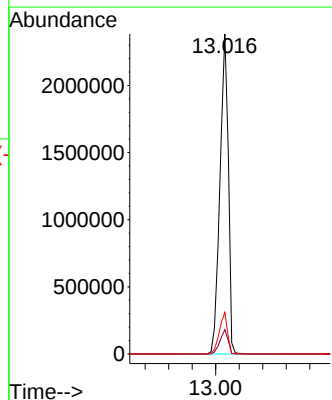
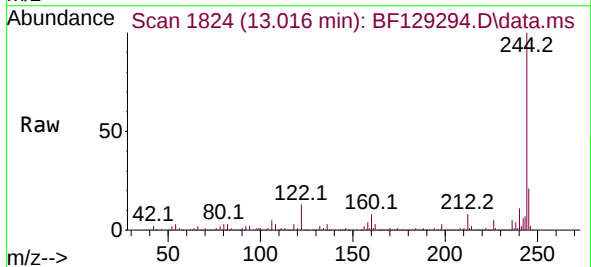
Instrument :
BNA_F
ClientSampleId :
PB145921BL

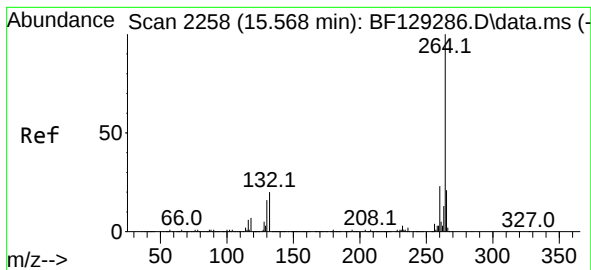
Tgt Ion:240 Resp: 521023
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 84.083 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF129294.D
Acq: 21 Jul 2022 13:11

Tgt Ion:244 Resp: 2352249
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 13.0 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: BF129294.D

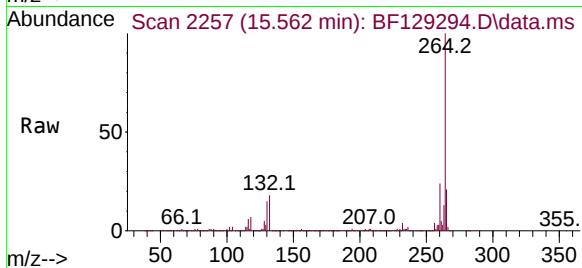
Acq: 21 Jul 2022 13:11

Instrument :

BNA_F

ClientSampleId :

PB145921BL



Tgt Ion:264 Resp: 451464

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.5 17.2 25.8

